

# Fall Semester 2023

Classes Begin	August 21
University Holiday	September 4
Thanksgiving Break	November 21-25
Final Exams	December 11-15
Grad College Commencement	December 15
Undergrad Commencement	December 16
University Holiday	December 18-29

## Registration Start Dates for Fall 2023

Veterinary Medicine students:	Tuesday, March 28
Graduate students:	Tuesday, March 28 - Wednesday, March 29
All seniors:	Tuesday, March 30 - Friday, April 7
Projected juniors:	Monday April 10 -Friday, April 14
Projected sophomores:	Monday April 17- Friday April 21
Continuing freshmen:	Monday April 24 - Tuesday, April 25

Registration start dates are assigned based on projected year-in-school classification (computed by combining total credits and current term credits).

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## Fall Semester Courses

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83	Computer Science (COM S)	148	Integrated Studio Arts Design (ARTIS)	213	Sustainable Agriculture (SUSAG)
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# Key Dates, Deadlines & Information

## AccessPlus Registration

Hours: 7 a.m.- 11 p.m., Monday-Saturday.

## Academic Probation

Academic probation is an indication of very serious academic difficulty which may result in dismissal from the university. Students may be placed on academic probation as a result of either semester GPA, cumulative GPA, or both. Students who are placed on academic probation are required to develop a plan for academic improvement in consultation with their academic adviser which may include referral to the Academic Success Center. Academic probation status is not a part of the student's permanent academic record. More information about assistance and the policy, go to the ISU index under Probation, Academic.

## Auditing Courses

You must register for a full semester course as an audit by day 10 of the semester. Instructors must approve all audits. Audited courses do not count toward determining full-time student status, but are considered the same as a credit course for fee assessment purposes and maximum number of credits allowed each semester. To find out specific deadlines for partial term courses, go the ISU index under Schedule Changes, or contact the Registrar's Scheduling & Fees Office, 10 Enrollment Services Center, 294-1840.

## Fee Payment Deadlines

Fee payment deadlines for Fall 2023 are August 20, September 20, and October 20 for deferred billing. A \$20 deferred billing charge is assessed. Contact Accounts Receivables for information.

## Graduation Information

If planning to graduate this fall students need to complete a graduation application. Go to the ISU website index under Graduation and Commencement, click on students, then choose graduation application.

## ISU ALERT

The ISU Alert system (see <http://www.isualert.iastate.edu/>) will quickly alert Iowa State University students, faculty and staff of potentially dangerous situations on the Iowa State University campus. For details on how to review and update your ISU Alert information see <http://isualert.iastate.edu/update.shtml>.

## Registration Start Dates

Registration start dates are assigned based on projected year-in-school classification, which is computed by combining total credits earned and current term credits. Graduate students and seniors register first, followed by juniors, sophomores, and then freshmen and nondegree students. Courses will begin to fill on the first day of registration, so you should register as early as your start date and time allows.

## Registration Start Dates for Fall 2023

Refer to page 1 for registration start dates.

## Room Assignments

Room assignments will be show on their AccessPlus class schedule on Friday, July 21. To find a map of class room locations go to the ISU index under Classroom abbreviations.

## Schedule Changes

Students can make schedule changes using AccessPlus Registration through Friday, August 20. For additional schedule change deadlines and information go to the ISU index under Schedule Changes.

# University Calendar Fall 2023

Academic Calendars Links:

Current term

<https://www.registrar.iastate.edu/calendar>

After term is over go to Past Calendars and use drop down

<https://www.registrar.iastate.edu/calendar/past-calendars>

# Resources

## Admissions [www.admissions.iastate.edu](http://www.admissions.iastate.edu)

General Information ..... 100 Enrollment Services Center ..... (515)294-5836

## College Student Services Offices

Agriculture and Life Sciences ..... 20 Curtiss ..... 294-2766  
 Business ..... 1200 Gerdin ..... 294-8430  
 Design ..... 297 College of Design ..... 294-6983  
 Engineering ..... 1300 Martson ..... 294-9285  
 Graduate College ..... 1137 Pearson ..... 294-4531  
 Human Sciences ..... 0131 MacKay ..... 294-6466  
 Liberal Arts and Sciences ..... 102 Catt Hall ..... 294-1522  
 Veterinary Medicine ..... 2540 Veterinary Medicine ..... 294-0772

## Financial Aid Office [www.financialaid.iastate.edu](http://www.financialaid.iastate.edu)

General Information ..... 0210 Beardshear ..... 294-2223

## ISUCard Office [www.isucard.iastate.edu](http://www.isucard.iastate.edu)

ISUCard Office ..... 0530 Beardshear ..... 294-2727

## Office of the Registrar [www.iastate.edu/~registrar/](http://www.iastate.edu/~registrar/)

Verifications ..... 10 Enrollment Services Center ..... 294-1840  
 Degree Audits ..... 214 Enrollment Services Center ..... 294-1840  
 Graduation ..... 214 Enrollment Services Center ..... 294-1840  
 Registrar's Office Information ..... 214 Enrollment Services Center ..... 294-1840  
 Registration ..... 10 Enrollment Services Center ..... 294-1840  
 Residency Status for Fees & Admission ..... 10 Enrollment Services Center ..... 294-3632  
 Schedule Changes ..... 10 Enrollment Services Center ..... 294-1840  
 Student Records ..... 10 Enrollment Services Center ..... 294-1840  
 Scheduling & Fees ..... 10 Enrollment Services Center ..... 294-1840  
 Veterans Certification ..... 214 Enrollment Services Center ..... 294-1840

## Registration Hold Contacts

Accounts Receivables Office ..... 0880 Beardshear ..... 294-7388  
 Admissions ..... 100 Enrollment Services Center ..... 294-5836  
 Dean of Students Office ..... 1010 Student Services Building ..... 294-1021  
 Graduate College ..... 1137 Pearson ..... 294-4531  
 International Students and Scholars ..... 3248 Memorial Union ..... 294-1120  
 Loans Receivable ..... 0880 Beardshear ..... 294-8747  
 Memorial Union ..... 214 Memorial Union ..... 294-0993  
 Multicultural Student Affairs ..... 2080 Student Services Building, ..... 294-6338  
 Registrar Student Scheduling ..... 10 Enrollment Services Center ..... 294-1840  
 Student Health ..... Thomas B. Thielen Student Health Center ..... 294-5801

## Student Answer Center [www.answer.iastate.edu/](http://www.answer.iastate.edu/)

Student Answer Center ..... Ground Floor Beardshear ..... 294-4469

## Voter Registration

To learn how to register to vote, or to find out more about voting in Iowa, go to [www.sos.state.ia.us/](http://www.sos.state.ia.us/).

Voter registration forms are available in the Office of the Registrar, 214 Enrollment Services Center, and the Student Answer Center, Ground Floor, Beardshear.

# Admission

## New Students

Prospective students should contact the Office of Admissions for information concerning admission procedures. Refer to the Iowa State University Undergraduate and Graduate Courses and Programs catalog for specific requirements for admission. Applications are available through the Iowa State University home page, just click on Apply under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

## Graduate Students

Students who have earned a bachelor's degree and wish to pursue an advanced degree or certificate program should submit a graduate application for admission.

## Nondegree Students

Students who wish to enroll for undergraduate or graduate courses, but do not intend to earn a degree from Iowa State, should submit the nondegree application for admission. Undergraduate courses taken as an undergraduate nondegree student may later be applied toward undergraduate degree requirements if approved by the student's college. Graduate courses taken as an undergraduate nondegree student can NOT be used on a graduate degree program. Students who have earned a bachelor's degree and wish to enroll in graduate level courses must apply as nondegree graduates if they have not been admitted to a graduate program. Only nine semester credits of graduate level courses taken as a nondegree graduate student may be applied toward a graduate degree if approved by the student's program of study committee.

Undergraduate students, both nondegree and degree seeking:

Non-international undergraduate students, both degree and non-degree seeking, who are planning to return to Iowa State University after an absence of 12 or more months must complete a reentry form. A student who has previously attended Iowa State only as a nondegree student and who now seeks to earn an undergraduate degree should complete an undergraduate application.

## Reentering Students

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Scheduling & Fees Office, 10 Enrollment Services at 515-294-1840, or e-mail [reentry@iastate.edu](mailto:reentry@iastate.edu). Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work attempted to the Office of Admissions, 100 Enrollment Services Center.

Questions about the registration process, contact:

Office of the Registrar's Scheduling & Fees Office  
10 Enrollment Services Center,  
515-294-1840

College student services offices:

Agriculture and Life Sciences  
20 Curtiss  
294-2766

Business  
1200 Gerdin  
294-8430

Design  
297 College of Design  
294-6983

Engineering  
1300 Marston  
294-9285

Graduate College  
1137 Pearson  
294-4531

Human Sciences  
0131 MacKay  
294-6466

Liberal Arts and Sciences  
102 Carrie Chapman Catt Hall  
294-4831

Veterinary Medicine  
2540 Vet Med  
294-0772

- International Students** All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Scheduling & Fees area at 10 Enrollment Services. Return all parts of the completed reentry form and related documentation to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking Students who have attended another college Degree-seeking Students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work to the Office of Admissions, 100 Enrollment Services Center. Once reentry has been approved, the reentry form will be forwarded to the Office of International Students and Scholars for financial certification and visa eligibility. Questions related to financial certification or visas should be directed to the Office of International Students and Scholars, 3248 Memorial Union, at 515-294-1120, or by e-mail: intlerv@iastate.edu.
- Academically Dismissed** A student who was academically dismissed must submit (1) a reentry form to the Office of the Registrar and (2) a petition for reinstatement to the college in which they wish to enroll at least 45 days before the beginning of the term. Students who have been academically dropped twice and wish to return to the College of Liberal Arts and Sciences must submit their petition at least 70 days before the beginning of the term.
- Approving Reentry** All reentry forms should be submitted to the Office of the Registrar, Scheduling & Fees Office, 10 Enrollment Services; or faxed to 515-294-1840 well in advance of the beginning of the term for which reentry is sought. The Office of the Registrar will process the form, or refer the reentry form to the college to which a student plans to return if the student (a) desires to change curriculum; (b) has a previous Iowa State University cumulative grade point average below 2.00 or had a last term average below 2.00; (c) was dropped from Iowa State for unsatisfactory academic progress or was not otherwise in good standing; or (d) since leaving Iowa State, has completed additional college study with less than a 2.00 grade point average. Once approved, they will receive a letter from the Office of the Registrar with information about registration.
- How to Register** Reentering students should contact their adviser or departmental office to select courses and begin the registration process. New and reentering students are encouraged to register during the web registration period, and will be assigned registration start dates according to their year-in-school classification using the same general guidelines as currently enrolled students. Since courses begin to fill on the first day of the registration period, students should register as early as their start date and time allow
- Returning Students**
- Undergraduate and Nondegree Students** Non-international undergraduate and non-degree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, (not including summer) may contact the Office of the Registrar, Scheduling & Fees Office, 10 Enrollment Services, at 515-294-1840 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.
- Academically Dismissed** Returning students who have been academically dismissed should contact their college student services office regarding procedures for reinstatement. Students who want to change colleges should contact the student services office of their prospective college.
- Graduate Students** All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Scheduling & Fees area, at 515-294-1840 or e-mail: reentry@iastate.edu to have students record and address information updated prior to meeting with major professor to discuss course selection. International graduate students must file a student financial statement for visa purposes. The form is available from International Students and Scholars, 3428 Memorial Union, 515-294-1120, or e-mail: intlerv@iastate.edu.

# Registration

To prepare to register for classes, students can use the following materials and information:

- Registration Worksheet, available for download through the Registrar's web site index under Forms.
- RAN (registration access number) if required by their college.
- Course information from the Schedule of Classes at <http://classes.iastate.edu/>.
- Class Schedule Planner at <http://planner.iastate.edu/>.
- Other departmental information applicable to their curriculum.

To register, follow these steps:

- 1 Students meet with their academic adviser, who will provide the following:
  - a. degree audit
  - b. guidance in course selection
  - c. registration authorization card, with RAN, if applicable.
- 2 Students choose specific sections for each course they want to take. In most cases, their adviser will not be involved in selecting meeting times. Students can use the Schedule of Classes (<http://classes.iastate.edu>) and Class Schedule Planner (<http://planner.iastate.edu>) to plan their schedule.
- 3 Students should review their registration start date/time information and any registration hold information on AccessPlus, under Current Information. Students must resolve holds on their registration in order to register for classes.
- 4 Register for courses using the AccessPlus registration system. Room locations for courses will be available on AccessPlus in mid-March.
- 5 Students must pay their fees. Registration is not complete until all fees are paid, including, tuition, room and board and other university charges. Students may view their university bill on AccessPlus. Failure to view their account on AccessPlus will not exempt them from late penalties or from having a hold placed on their registration. If they have questions, call 515-294-7388.

## Initiating Registration

The last day to initiate a new registration for Fall 2023 through AccessPlus registration or the Scheduling & Fees Office in 10 Enrollment Services Center is Friday, August 29. A late registration fee is assessed for a registration initiated on or after the first day of classes. See the Tuition and Fees section for the late fee amounts.

## Cancelling Registration

Notify the Office of the Registrar by 4 p.m. Friday, August 18, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m. Sunday, August 20 to avoid tuition assessment. For information and a cancellation form, go to the ISU index under Cancelling Registration.

## RAN

The registration access number (RAN) is a confidential, personal number required by some colleges to use the registration system. Colleges that do not require a RAN are Business, Vet. Med., and the Graduate College. Students will be held accountable for all changes made to the schedule through AccessPlus, therefore this number should not be shared. A new RAN will be assigned each registration period.

## Registration System Abuse

Using the AccessPlus registration system is a privilege, which may be revoked if abuse is detected. Abuse includes, but is not limited to, creating and using an automated program to search for course openings and/or enrolling in a section with the intent of reserving space in that particular section for another student. The Office of the Registrar, college office, and/or advisers have the right to determine abuse and revoke privileges for any type of registration system abuse.

### AccessPlus Registration Tips

Hours for the system: Monday-Saturday, 7 a.m. - 11 p.m.

- Review schedule for time conflicts.
- If students need to register for a course that currently has no space available, please attempt to add the course anyway. Requesting a closed course will help departments determine what course demands are still unmet.
- When making a section change within a course, try to add the new section first. If the requested section is open, the previous section will automatically be dropped from their schedule.
- Entering the Registration Access Number (RAN) is no longer required once courses exist on their schedule. If they are already registered, they won't need to enter the RAN again to change their schedule.
- If they get the message "You have requested a restricted section for which you are not eligible," click on the Details button on the Search page to view course section restrictions.
- If students are in a learning community, they must add the learning community reference number first before other courses exist on their schedule. They cannot drop a L TM without dropping all associated courses.



# Schedule of Classes

<http://classes.iastate.edu/>

Schedule of Classes information can be accessed directly at <http://classes.iastate.edu/>. The Schedule of Classes information is updated regularly through the first week of a term. In addition to the course listing, the online information includes meeting rooms, seats open and additional instructor assignments as they become available.

Follow the instructions on the Search Tips link to assist when locating classes. The information is especially helpful if looking for courses in specific categories e.g., half term, U.S. Diversity/International Perspectives, or courses offered at a specific time of day.

# Schedule Planner

<http://planner.iastate.edu/>

The Class Schedule Planner allows schedule planning using courses displayed in the Schedule of Classes at <http://classes.iastate.edu/>.

Courses and/or sections can be selected for a particular term, as well as block out unavailable class days and times. Based on selections, Class Schedule Planner can return all possible schedules in a color coded grid format.

Though it is a web-based application, the Class Schedule Planner does not require authentication (no user ID, PIN, or password). This application serves as a planner and, as such does not have the ability to perform any course registrations. The application requires users to have Java on their computer. For more information see the Help link in the Class Schedule Planner.

# AccessPlus

<https://accessplus.iastate.edu/>

AccessPlus is a secure and confidential campus information system that allows students to view a personalized menu from a campus or home workstation. A university ID plus a password are required to view personal information. AccessPlus is available to Iowa State University students and faculty/staff, day or night, seven days a week, from anywhere in the world. Log out of AccessPlus if using a public computer. The following is a partial list of services available on AccessPlus:

- Register for classes
- View or print a current term or future term class schedule
- View residence hall information
- Complete residence hall contract
- Choose dining plan
- Buy Dining Dollars
- Add value to CyCash
- Search for jobs on and off campus
- Sign up for direct deposit of payroll
- View payroll information
- Review, accept/decline, release financial aid
- Sign up for direct deposit of excess financial aid funds
- View, print, and pay university bill
- View or print grades
- Verify address and other personal information
- Update in-session or interim address
- Print unofficial transcript
- Order official transcript
- Print 1098T tuition summary statements for tax reports

# Schedule Changes

## Dropping and Adding Courses

Procedures for schedule changes vary based on the time period of the semester. The effective date of a schedule change is the date when the change is entered into the registration system.

Schedule change periods are as follows:

Period 1 ends the fifth day of classes in the fall and spring semesters. Schedule changes during period 1 are free and do not require adviser signature. Instructor or departmental approval may be required for adds or section changes for some courses during Period 1. Course drops during this period do not count toward a student's ISU drop limit and will not appear on a student's permanent record. Schedule changes during period 1 may be processed through AccessPlus or presenting a Schedule Change/Restriction Waiver form to the Registrar's Scheduling & Fees Office, 10 Enrollment Services Center.

Period 2 ends the Friday of week 10 in the fall and spring semesters. During this period, schedule changes require signatures of adviser and instructor and are processed on a Schedule Change/Restriction Waiver form located in AccessPlus under Registrar forms. Completed forms are processed in 10 Enrollment Services Center. Course drops after period 1 count toward a student's ISU drop limit and appear as an X on the permanent record.

A section change does not require a drop.

Drops and other schedule changes that are judged to be beyond the student's control may be processed as administrative actions if approved as such by the college dean. Administrative drops do not count toward a student's ISU drop limit or appear as an X on the permanent record. The effective date of an administrative action is the date approved by the college student services office and/or college dean of the student's college.

Period 3 is anytime after period 2. Schedule changes during this period are permitted only for extenuating circumstances, may require a written statement of support from the instructor and the student, and must be approved by the college student services office and/or dean of the student's college.

Half-semester courses and partial term courses: Specific deadlines for adding and dropping half-semester courses are published in the university calendar. Appropriate adjustments to add and drop deadlines are made for other partial term courses. To find out specific deadlines for partial term courses, go the ISU index under Schedule Changes, or contact the Registrar's Scheduling & Fees Office, 10 Enrollment Services Center, 294-1840.

## R-Credit Courses (required courses)

Processing a scheduling change for a required course is usually considered administrative. There is no fee for administrative schedule changes. Administrative drops do not appear as an X on the permanent record. To make a Period 3 R-credit drop administrative requires approval of the college dean.

Tuition adjustment for reduction of total credits is based on the effective date of the change. For more information on tuition adjustments, see the "Tuition and Fees" section of this Schedule of Classes.

# Fall 2023 Fee Schedule

tuition & fees are subject to change without notice. for the most current tuition & fee rates visit [www.registrar.iastate.edu/fees/](http://www.registrar.iastate.edu/fees/)

## Additional information:

Audits and zero credit courses: assessed according to contact hours; maximum charge for zero credit courses is three credit hours

Partial credits (.5): assessed on the next larger whole number of credits, e.g., 6.5 credits is assessed as 7 credits.

Summer session: based on per credit as indicated in the fee schedule.

Tuition assessment for study abroad credits: up to a maximum of 12 credits, is above and beyond tuition for other courses taken during the same term.

- Interim (partial-semester, between-terms), audit (zero-credit), and in absentia (research, away from campus study) courses are assessed fees as listed in the current fee schedule.
- One-half credits are assessed at the next larger whole number; e.g. 3 1/2 credits are assessed at the 4-credit rate.
- R-credit(Required credit) coursework is assessed minimum tuition and fees equal to the 1 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- Zero credit course is assessed based on contact hours with a maximum assessment of 3 credits.

# Tuition and Fees

Tuition and fees are subject to change without notice.

## Payment of Fees

The Accounts Receivable Office bills students for tuition, room, meal plan, and various other university charges. A statement of new charges will be available the first of each month on their AccessPlus account. Students will receive an e-mail message at their Iowa State e-mail address telling them that their bill is available on AccessPlus. It is their responsibility to ensure that the university has a correct e-mail address and to regularly check their Iowa State e-mail account. If they are unable to use AccessPlus to view their bill, they should contact the Accounts Receivable Office to learn the amount of their account balance due. Failure to view a billing statement will not exempt them from late penalties or from having a hold placed on their registration. Payments for fall semester are due August 20. Payments for spring semester are due January 20. Payments for summer semester are due May 20.

Students may pay their university bill (u-bill) electronically on AccessPlus, by dropping off a check (Include Name & ID #) in the drop box on the Ground Floor of Beardshear Hall or in the south door of 1220 Beardshear Hall, or by mailing a check (Include Name & ID #) to the Treasurer's Office 1220 Beardshear Hall - Ames, IA 50011-2044. Cash Payments are not recommended. If you have cash, you may purchase a cashier's check made payable to Iowa State University (fee waived) at the University branch of US Bank 2546 Lincoln Way and then mail or drop off your payment. Payments must be received by the due date to avoid penalties. If you have questions regarding your U-Bill you can access your U-Bill on AccessPlus on computers conveniently located by the elevators in Beardshear Hall or contact the Receivables Office - 0880 Beardshear Hall - 515-294-7388.

## Deferred Billing

Each term, if students do not pay their first installment in full by the due date they automatically select the deferred option, and will be charged a \$20 administrative fee. University fees may be paid in three installments each academic term. Payments for fall semester will be due August 20, September 20, and October 20. Payments for spring semester will be due January 20, February 20, and March 20. Summer fees will be due May 20, June 20 and July 20.

## Monthly Payment Plan

Under the Monthly Payment Plan, students pay the academic costs for fall and spring semesters in 12 installments beginning April 20 and ending the following March 20. The university also offers 11, 10 or 9 month plans. A \$50 enrollment fee is due with the first monthly payment. All payments are deducted from a designated bank account. For more information contact the Accounts Receivable Office.

## Past Due Accounts

If payment of the minimum due is not made by the deadline printed on the billing statement, all fees become due immediately. A one-percent finance charge will be assessed on the total amount due at that time, and a "hold" will be placed on their registration until payment of the total amount due has been made. If students have past due accounts receivable charges prior to the beginning of classes, they may be dropped

from enrollment if these past due charges are not paid by the Friday before the first day of class. Students that are subject to being dropped will be notified via their Iowa State e-mail account.

## Cancelling Registration

A cancellation is processed when a student notifies the Office of the Registrar of their decision not to attend classes for the current semester prior to the day class work begins. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 4:00 p.m. Friday, August 18; or drop all of your classes through AccessPlus by 10 p.m. Sunday, August 210

You may cancel your registration by contacting the Office of the Registrar at 515-294-1840 or go to the ISU index under Cancelling Registration. Students should make a record of the name of the person taking the call, as well as the time and date called.

## Withdrawing Registration

Beginning the first day of class (Monday, August 22), students who decide not to continue attending classes must process a withdrawal form.

Students considering a withdrawal from the university should immediately consult their academic adviser to discuss reasons for the withdrawal and alternatives. Should the student still wish to withdraw, the "Request for Withdrawal" form is initiated and submitted to the student's college for approval. If approved, the student's college will forward the withdrawal form to the Office of the Registrar. The student is then withdrawn from all courses based upon the withdrawal date on the form and tuition and fees are adjusted, if appropriate, according to established policies approved by the Board of Regents, State of Iowa. For further information go to the ISU index under Tuition and Fees.

If a withdrawal is requested during add/drop Period 3, the request may be denied if it is determined that academic performance prior to withdrawal is unsatisfactory. If the withdrawal is approved during Period 3 for a student on academic probation, the student will not be permitted to enroll the following term, except under extenuating circumstances. When a student withdraws, the attempted courses are not recorded on the permanent record and are not counted toward the student's drop limit; however, partial term courses completed prior to withdrawal will be included on a student's permanent record.

If the procedures for withdrawing from the university are not followed, instructors will assign whatever grades or marks they consider appropriate. Since these grades may be F's, students are warned that failure to follow the prescribed withdrawal procedures may adversely affect a later application for reentry or transfer to another institution. For more information on withdrawal policies, refer to the Iowa State University Undergraduate and Graduate Courses and Programs catalog.

### Tuition Adjustment Schedule

This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Fall 2023:

Withdrawal Date	Student Pays
Aug. 20-24	10%
Aug. 25-Aug 31	25%
Sept. 1-10	50%
Sept. 11-17	75%
After Sept. 18	100%

The Tuition Adjustment Schedule will be pro-rated when partial term courses are involved. See the Tuition Adjustment Schedule on the web for the most common session deadlines. Contact the Scheduling & Fees area of the Office of the Registrar at 515-294-1840 or registrar@iastate.edu for questions or deadlines for courses offered during sessions that are not specifically listed on the Tuition Adjustment Schedule.

The tuition adjustment schedule for a schedule change is based on the effective date of the change. Fees are assessed based on the student's total credit hours as of the set fee assessment date. During the summer term the set fee date will depend upon the length of the individual course in which the student is enrolled. Students who drop below full-time before the set fee assessment date will receive a credit adjustment of 100%, with no adjustment after the set fee assessment date. Students who add courses at any time during the semester will be assessed tuition and fees if applicable according to the fee schedule. Contact the Scheduling & Fees area of the Office of the Registrar for deadline related to specific courses.

### Tuition Adjustment Schedule for Workshops and Short Courses:

Students who drop one- or two-week workshops or short courses on or before the first class meeting receive a 100% tuition adjustment for the course. No tuition adjustment will be made after the first day of classes. Students who drop three-week courses will also receive a 100% adjustment if you drop on or before the first day of classes, but will also receive a 90% adjustment if they drop on the second day of classes and no adjustment after the second day of classes.

### Appealing Tuition Assessments:

Students may appeal a tuition and fees assessment for withdrawal by obtaining a "Procedures for Appealing Assessed Tuition" form from the Scheduling & Fees

Office, 10 Enrollment Services. The Office of the Registrar will review appeals for possible tuition and fees adjustment for the semester in question only after the written appeal and appropriate support documentation are received from the student. Determinations will be made by the Office of the Registrar based on extenuating circumstances beyond the control of the student. The results will be sent to the student in writing. Students may appeal the decision of the Office of the Registrar by writing an appeal letter to the Tuition Appeals Review Committee. This letter should be submitted to the Office of the Registrar within 10 calendar days after receiving the original decision. A final appeal of the Tuition Appeals Review Committee decision can be made by submitting a request in writing to the Office of the Provost.

### GLOSSARY OF FEES

#### Activity, Services, Building and Recreation Fee

The activity, services, building and recreation fee is a mandatory fee that supports a variety of activities and services for all full time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRide. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged \$365.95 each fall and spring semester, and all students will be charged \$182.98 for the summer semester.

Exemptions are granted for students exclusively registered for the following: distance education courses (courses with sections beginning with an X); continuous registration courses, or students enrolled under the Post Secondary Enrollment Options Act. Students in exemption categories named above may elect to pay this fee and will be assessed based upon their enrollment status. For students who withdraw or change to an exempt status the tuition adjustment schedule will be used for the activity fee.

#### Admissions Application Fee:

A nonrefundable application fee must accompany the application for admission. The application fee is \$40 for domestic undergraduate, \$60 for graduate applicants, \$40 for non-degree graduates, \$50 for international undergraduate applicants, \$100 for international graduate applicants, and \$75 for Veterinary Medicine applicants.

**Health Facility Fee**

All students are assessed a \$3 health facility fee, except for students exclusively registered for the following: distance education courses, (courses with sections beginning with an X); courses for which no tuition is assessed; continuous registration status courses; graduate students enrolled in Psych 597, 697; or high school students enrolled under the Postsecondary Enrollment Options Act. (Note: The health facility fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship.)

For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule will also be used for the health facility fee.

**Health Fee (Mandatory)**

All students are assessed an \$143.50 Health Fee, except for students enrolled for four credits or less or students exclusively registered for the following: distance education courses (courses with section beginning with an X); courses for which no tuition is assessed; continuous registration status courses; weekend MBA courses; Lakeside Lab or geology field camp courses; graduate students enrolled in, Psych 597, 697, or high school students enrolled under the PostSecondary Enrollment Options Act. (Note: The health fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship.)

Students who withdraw or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the tenth class day (September 3) with no adjustment after that time. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

Students who are exempt from the mandatory Health Fee may use the services of the Thielen Student Health Center on a fee for service basis or may elect to pay the \$145.50 Health Fee and \$3 Health Facility Fee, which allows participants to receive services at the Thielen Student Health Center for the same rate as students who pay the mandatory health fee. Spouses/domestic partners of students who wish to use the Thielen Student

Health Center must pay the \$145.50 Health Fee and \$3 Health Facility Fee. Contact the Thielen Student Health Center at 515-294-7523 for more information on adding the Health Fee.

**Late Registration Fee**

Sunday, Aug. 23 is the last day to initiate a registration for full semester courses for Fall 2023 without a late registration fee. Beginning Monday, Aug. 24, undergraduate students are assessed a late registration fee of \$20. Graduate students are assessed a late registration fee of \$30 the first week of classes, \$60 the second week, and \$100 the third week or later.

**New Student Programs/Matriculation Fee**

A \$330 fee is assessed to all new degree-seeking students prior to admission. This fee does not apply to nondegree seeking students, veterinary medicine students, graduate students, or students enrolled exclusively in distance education courses.

**Special Course Fees**

Some courses have expenses above the cost of tuition that enhance the instruction. These fees may cover the cost of field trips, use of equipment, materials or supplies, or professional support. Applicable special course fees are listed with the specific course in the Schedule of Classes. For more information go to the ISU index under Schedule of Classes. Special course fees also appear in each student's schedule detail available on AccessPlus.

**Health Facility Fee**

All students are assessed an \$8 health facility fee for Fall 2023, except for students exclusively registered for the following: distance education courses; (courses with sections beginning with an X); courses for which no tuition is assessed; continuous registration status courses, or high school students enrolled under the Postsecondary Enrollment Options Act. Note: The health facility fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship. For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule will also be used for the health facility fee.

# Graduation

## Undergraduate Students

Fall 2023 graduating seniors are encouraged to submit applications for graduation after registering for their final semester. Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 214 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 214 Enrollment Services Center by mid-June.

Students will be notified of their graduation status no later than midterm. Graduation mailings will be sent to the in-session address. Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

The University Ceremony, attendance, and diploma mailing information will be emailed to their ISU email address approximately four weeks before graduation. If they do not receive this information, contact the Registrar's Graduation Office, 214 Enrollment Services Center, (515)294-1840; e-mail: [graduation@iastate.edu](mailto:graduation@iastate.edu).

University commencement ceremony will be held Sat., Dec., 16, in Hilton Coliseum.

Final grade checks will be made approximately two weeks after the end of the semester and diplomas will be mailed to all successful degree candidates.

For more information, contact the Graduation Office, 214 Enrollment Services Center, (515)294-1840 or e-mail: [graduation@iastate.edu](mailto:graduation@iastate.edu).

## Teacher Licensure

Students graduating with a teaching emphasis may obtain application forms for the Iowa Teachers License in the Human Sciences Student Services Office, 0131 MacKay. Completed forms and licensure fee should be returned to Human Sciences Student Services by the end of the first week of the semester in which the student plans to graduate.

## Graduate Students

Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may result in the removal of the student's name from the graduation list for Fall 2023.

- An "Application for Graduation" (diploma slip) should be obtained from the students department or the Graduate College website and filed in the Graduate College by Sept. 8.
- Last day for graduate students to cancel graduation is Nov. 1. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.
- A Request for "Final Oral Examination" form should be obtained from the students department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Nov. 22.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Nov 22 Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Nov. 30.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Nov. 30. This form will be sent to their major professor or department when their "Request for Final Examination" is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.
- Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

Ceremony, attendance, and diploma mailing information will be e-mailed from the graduation office to the student's in-session-mail address approximately four weeks before graduation. Please notify the Office of the Registrar, 214 Enrollment Services Center, of any address changes. Contact the Registrar's Graduation Office, 214 Enrollment Services Center, (515)294-1840 or e-mail: [graduation@iastate.edu](mailto:graduation@iastate.edu) if graduation e-mail information is not received.

Final grade checks will be made approximately two weeks after the end of the semester and diplomas will be mailed to all successful degree candidates. For more information, contact the Graduate College, 1137 Pearson, (515)294-4531.

# Student Records

## Degree Audits

The degree audit lists the courses needed to fulfill graduation requirements for a specific degree program. The purpose of the degree audit is to provide assistance to the student and adviser in choosing courses during the registration process, and to verify the student's progress toward graduation.

If a student is considering changing their major, they may view an alternate degree audit, for the major in which they have an interest, through AccessPlus

## Transcripts

An official transcript may be ordered through AccessPlus; the Office of the Registrar, 10 Enrollment Services Center; or by faxing a downloaded form available from the ISU index under Transcripts, How to Order. Transcripts will not be issued if the student has any transcript holds for financial delinquency. Students attending ISU after 1996 may also view their unofficial transcript using the AccessPlus system

## Grade Reports

Students can view their grades on AccessPlus by logging in and selecting "Grade Report" from the menu. Grades and marks that may appear on their grade report include the following:

Grade	Quality Points	Grade	Quality Points
A	4.00	C	2.00
A-	3.67	C-	1.67
B+	3.33	D+	1.33
B	3.00	D	1.00
B-	2.67	D-	0.67
C+	2.33	F	0.00

- P = Passing (under the Pass-Not Pass system)
- NP = Non-passing (under the Pass-Not Pass system)
- S = Satisfactory
- T = Satisfactory performance (equivalent to a grade of C or better) in a special exam for academic credit
- X = Course dropped by the student after the first week of the semester
- N = No report submitted by the instructor
- I = Incomplete

For more complete information about Iowa State University's grading system, please refer to the Academic Life section of the Iowa State University Undergraduate and Graduate Courses and Programs catalog.

## Repeated Courses

If a course is repeated, the permanent record will show the grade on the initial attempt as well as grades received on subsequent attempts. However, only the most recent grade will be used in computing the cumulative grade-point average rather than the previous grade(s). Undergraduate and special students may only repeat up to a limit of 15 semester credits.

Approval to repeat a course after more than three semesters (not including summer) must be noted on a Designation of Repeated Course form. This form can be obtained from departmental offices and must be signed by the student's adviser and the head of the department offering the course. This form is also used if the course number or number of credits has changed from a previous catalog or if the course is being repeated to reduce a transfer deficiency. Process this form in the Office of the Registrar, 10 Enrollment Services Center.

For more information, please refer to the Academic Life section of the Iowa State University Undergraduate and Graduate Courses and Programs catalog.



## Veterans Educational Assistance

Students planning to receive Veterans Educational Assistance must provide enrollment information to the V. A. clerks in the Office of the Registrar, 214 Enrollment Services Center, when registration is complete or veterans enrollment certification will be canceled. Veterans must also notify the V.A. clerks when changing credit hours or withdrawing from school. Credit hour requirements are:

<u>Undergraduate</u>		<u>Graduate</u>
12 cr.	Full allowance	9 cr.
9-11.5 cr.	3/4 allowance	7-8.5 cr.
6-8.5 cr.	1/2 allowance	5-6.5 cr.
1-5.5 cr.	Proration of fee over period enrolled	1-4.5 cr.

Audited courses do not apply toward V. A. benefits.

Students receiving Veterans Educational Assistance are required by the V. A. to attend class regularly to maintain their V. A. eligibility. Instructors are obligated to notify the Office of the Registrar if a student receiving V. A. benefits is not attending class. Notification is then forwarded to the Veterans Administration

## Information Disclosure for Students

Iowa State University is required by law to make available to enrolled students, prospective students, and their parents certain information about the University. The information disclosure is available through the ISU index under Information Disclosure for Students and Employees. Students with no electronic access can obtain the information from the Office of the Registrar, 10 Enrollment Services Center, 515-294-1840 or from the Office of Admissions, 100 Enrollment Services Center, 515-294-5836. Iowa State will provide a paper copy of the information upon request.

## Policy on Student Names

Board of Regents, State of Iowa universities have a common policy regarding student names and name changes. The name on the student record should be the student's complete and legal name. In evaluating and processing all name change requests, the university reserves the right to require adequate and appropriate documentation as warranted.

## Release of Student Records

The Iowa State University policy concerning the release of student records complies with the Family Educational Rights and Privacy Act of 1974, as amended. The University has designated the following as public information which is available to anyone upon inquiry unless they request that information not be released: name; in-session address and telephone number; campus e-mail address; interim address; home city, county, state, or country; date and place of birth; curriculum; college; year-in-school; enrollment status; dates of attendance at Iowa State; full or part-time status; expected date of graduation; adviser name; awards and academic honors; Iowa State degree(s)

and date(s) awarded; previous educational institutions attended, dates of attendance, and degrees received; participation in officially recognized university activities and sports; and weight and height of members of athletic teams.

To restrict the release of public information students must notify the Office of the Registrar, 214 Enrollment Services Center, and complete the appropriate form no later than the end of the first week of classes.

With the exception of public information, all student records are considered to be confidential and release is restricted according to University policy. A copy of the release policy can be found in the Office of the Registrar or go to the ISU index under Confidential Information Policies. The office also maintains a directory of persons who normally have access to each type of student record.

## Changing an Address on AccessPlus

AccessPlus is Iowa State University's electronic key to personal information via [www.accessplus.iastate.edu](http://www.accessplus.iastate.edu).

Information on AccessPlus is kept confidential. A social security number or university ID number and password are required to view personal information through AccessPlus. To change an address on AccessPlus, do the following:

1. Go to ISU's home page at [www.iastate.edu](http://www.iastate.edu)
2. Choose Students
3. Choose AccessPlus
4. After logging in using a social security number or university ID and password, choose Address Change.
5. Read the announcements on the main AccessPlus page, then select the Students tab and choose Address Change.

Follow the instructions on the screens for In-Session and Interim address changes.

Changes to Residence Hall and payroll records must be handled directly with those offices.

## ISU ALERT

The ISU Alert system (see <http://www.isualert.iastate.edu/>) will quickly alert Iowa State University students, faculty and staff of potentially dangerous situations on the Iowa State University campus. For details on how to review and update your ISU Alert information see <http://isualert.iastate.edu/update.shtml>

## Third Party Access

Third Party Access is an option on AccessPlus that allows students to share access to selected personal information with a trusted third party. For example, Third Party Access allows a student to set up a special account for a parent or family member to view grades and/or pay the university bill. More information on creating third party accounts can be found under Third Party Access on your AccessPlus account.

# Services for Students

## Campus Parking

Vehicles operated on campus must be registered at the Parking Division in 27 Armory. For more information go to the ISU index under Parking Division.

Students who are not Ames residents may purchase permits to park in lot 29 or 29B if space is available. If space is not available, they can utilize the free parking and free shuttle bus at the Ann Campbell Transit Hub. These parking lots are just south of Stephens Auditorium. Students living in Ames are urged to take the Cy-Ride bus from their homes to campus.

## Child Care

Child Care Administration, a unit of Human Resource Services, supports Iowa State University families by linking them with programs and services that can help meet their child care needs. The university child care coordinator is available to assist families in accessing services available both on the campus and in the community. For more information go to the ISU index under Child Care.

For more information about child care options, contact the university child care coordinator at 515-294-8827.

Child care programs located on campus include:

- Center for Child Care Resources: Assistance in locating campus and community child care services, 100 University Village, Suite 1010, 515-294-8833 or 1-800-437-8599
- University Community Childcare at 100 University Village; 515-294-9838
- The Comfort Zone: Daycare for kids who don't feel so good, 100 University Village, 515-294-3333.
- Flex-Care: Part time care for children of ISU students, 100 University Village, 515-294-9838.
- University Child Care Center at Veterinary Medicine, 1700 Christensen Drive, 515-294-2273.
- ISU Child Development Laboratory School, 0351 Palmer Building, 515-294-3040.

## Student Disability Resources

Student Disability Resources coordinates services that students with documented disabilities may need in order to reach their fullest academic potential. As part of the Dean of Students Office, Student Disability Resources staff serve as a resource within the university community concerning students who have a documented disability. SDR provides information, support, constitution, education, referral, and awareness to students, faculty, staff, and the Ames community, and the state of Iowa. For more information, call 515-294-7220, TTY 515-294-6635, or e-mail: [disabilityresources@iastate.edu](mailto:disabilityresources@iastate.edu). To learn more go online to the ISU index under Disability Resources, Students.

## Identification Card (ISUCard)

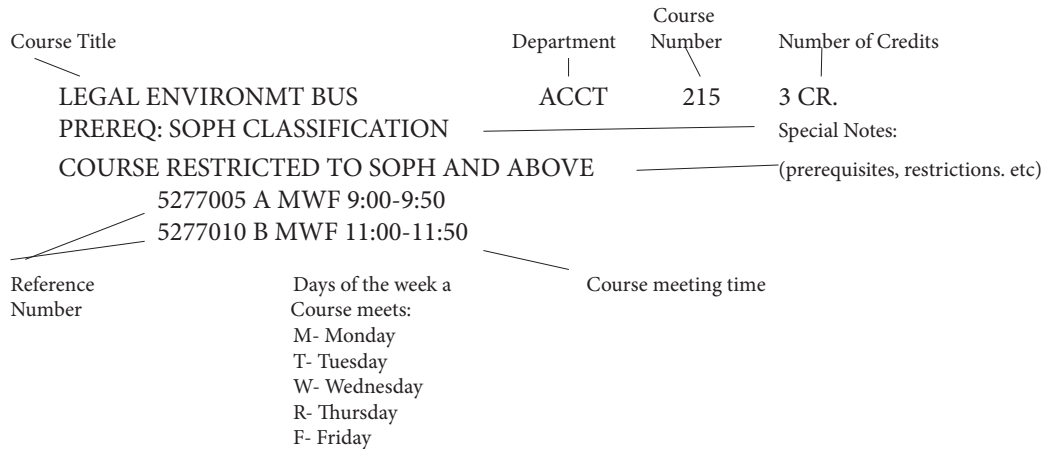
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where the lost card will be invalidated. There will be a charge for each replacement of an ISUCard. Disciplinary sanctions may be imposed for improper use of the ISUCard or attempts to obtain, by fraudulent means, any form of identification.

## Spouses/Domestic Partners Cards

The Spouse Activity Card is available at no charge for spouses, domestic partners, and children of students. These cards provide reduced rates at athletic or C.Y. Stephens events but cannot be used for services such as the Lied Recreation Center, CyCash, or Parks Library. To obtain a card, students must bring proof of marriage or relationship (marriage license, joint insurance cards, joint tax return, etc.) to the Student Answer Center, ground floor Beardshear Hall. The Spouse Activity card is valid for one academic year (fall through summer).

To use the services of the Lied Recreation Center, CyCash, Parks Library, or Thielen Student Health Center (spouses/domestic partners must pay the Health Facility and Health Fee), students may apply for the Spouse/Domestic Partner Card. The spouse/domestic partner must bring a photo ID, the student's University ID number, and proof of marriage or relationship (marriage certificate, joint insurance cards or joint tax returns) to the ISUCard Office in 0530 Beardshear. The cost is \$25 per card, payable by cash or check, and the cards expire on June 30 each year.

# Course Information



## Course Listing Information

The first line for each course includes the course title as it will appear on the student's transcripts, department abbreviation, course number, and credits or range of credits for the course.

## Course Numbering System

Courses are numbered from 1 to 699, as follows:

- 1-99: Does not carry credit toward a bachelor's degree.
- 100-299: Primarily for freshmen and sophomores.
- 300-499: Primarily for juniors and seniors.
- 500-599: Primarily for graduate students, but open to

qualified undergrads.

600-699: For graduate students only.

## Meeting Days and Times for Classes

Meeting days as well as class start and end times are listed in the course offerings section of the Schedule of Classes.

## Course Prerequisites

A prerequisite indicates the specific academic background or general academic maturity considered necessary for the student to be ready to undertake the course. Prerequisites are usually stated in terms of specific courses, but equivalent preparation is usually acceptable.

It is university policy that the instructor shall inform the students at the beginning of each course if students who have not met the prerequisite requirements must drop the course. Conversely, an instructor may waive the prerequisite for a course for which he or she is responsible. Thus, permission of the instructor is understood to be an alternate to the stated prerequisites in all courses.

Course prerequisites are listed in the Online Schedule of Classes as well as in the Courses and Programs section of this publication.

# Course Information

## Auditing Courses

To audit a course means to enroll in the course without receiving credit for the course. Audited courses count towards credit limit but not full-time status. The instructor of the course approves the audit request.

Students are assessed fees as though they are taking the course for credit, but the audited course does not count in determining full-time student status. However, an audited course does count towards the maximum allowable credits per semester. Audited courses do not apply toward V.A. benefits.

Graduate students: An audited course counts as one credit in the graduate student's allowable course load; however, fees will be assessed for the full number of credits for the course. See Index, Graduate College.

Changing status to audit: Changing a course from credit to audit requires dropping the course for credit and adding it as an audit on a schedule change request form. After day 5 of the semester, the drop will count toward the total allowable ISU drops. The drop appears on the student's permanent record and a drop fee will be assessed to the student's university bill.

Rights and privileges: Once enrolled in an audited course, auditors have the same rights and privileges as any student taking the course for credit. Their names appear on the class list with a notation that they are auditing the course. Audited courses do not appear on the student's permanent record except by special request from the student. A request form can be downloaded from the Office of the Registrar web site at [www.iastate.edu/~registrar/forms](http://www.iastate.edu/~registrar/forms). Undergraduate students need approval from the instructor as well as their adviser, and college; graduate students need approval from the instructor as well as their major professor and the Graduate College.

## Audit Deadlines for Full Term Courses

Instructors must approve all audits.

- Adding an audit
  - Through day 5 of classes: instructor approval required.
  - Day 6-10: instructor, adviser approval required; schedule change fee applies.
  - After day 10: only with extenuating circumstances, instructor, adviser, college approval required; schedule change fee applies.
- Changing from credit to audit:
  - Through day 5 of classes: instructor approval required.
  - Day 6-10: instructor, adviser, college approval required; schedule change fee applies.
  - After day 10: only with extenuating circumstances, instructor, adviser, college approval required; schedule change fee applies.

- Partial semester or summer courses:

Deadlines are determined based on the length of the course. For deadlines concerning partial term or summer courses, contact the Scheduling & Fees Office, 515-294-1840.

## Canceled Courses

Some course sections may be canceled due to low enrollments or departmental staffing situations. If a student enrolls in a section that is subsequently canceled, they will be notified by the Registrar's Catalog & Curriculum Department and/or by the department.

## Class Attendance

Students are expected to attend class meetings as scheduled. Each instructor sets his or her policy with respect to class attendance, and excuses for absence from class are handled between the student and instructor. The instructor is expected to announce her or his policy at the beginning of the course. In order to attend a given class, a student must be registered for that class. Exceptions to this policy are at the discretion of the instructor.

## Courses Requiring Permission

Some sections are designated in the Schedule of Classes as permission required. Students may not use AccessPlus to register for these sections. To add a permission required section, obtain the designated departmental signature on the Schedule Change/Restriction Waiver form, and process the form in the Registrar's Scheduling & Fees Office, 10 Enrollment Services Center.

## Course Descriptions

Course descriptions can be found in the Iowa State University Undergraduate and Graduate Courses and Programs catalog. Copies of the catalog may be purchased in campus area bookstores. The information is also available through the ISU index under catalog.

## Credit Involving a Paid Activity

Students may obtain credit for an activity, either on or off campus, for which they are also paid, provided the activity is academically relevant. In order for an activity to be defined as academically relevant, prior arrangements must be made with a faculty member in an appropriate department and must include agreement on (1) the academic objectives which the activity is expected to achieve and (2) the procedure by which the student's learning will be assessed. This policy does not apply to registrations for R credit.

## Credits Limits

For fall and spring semesters, the credit limit is 18 credits for undergraduates and 15 credits for graduate students.

For summer session, the limits are 12 credits for undergraduates and 10 credits for graduate students. Requests to add credits beyond a student's credit limit will be denied. Generally, a student must drop credits before adding another course. individual students. Students may request a change in their credit limit by contacting their adviser. Advisers should notify the student's college student services office if the credit limit needs to be changed.

### Distance Education Course Information

All distance education course and program information is available under the ISU index under Distance Education. Information is added and updated frequently on the website.

### Experimental Courses

Experimental courses (course numbers ending in "X") are not included in the Iowa State University Undergraduate and Graduate Courses and Programs catalog. Course descriptions for experimental courses can be found through the ISU index under Experimental Course Descriptions.

### Late Registration

A late registration fee is charged beginning on the first day of classes. Registration after the fifth day of classes requires written permission from instructor(s), adviser/major professor, and approval from the college office authorized to sign on behalf of the Dean.

### Linked Courses

Linked courses are two-part courses (e.g., Astro 120 has a lecture section and a discussion section) where students must add both a lettered section such as A or B and a numbered section such as 1, 2, or 3, to complete the registration for this course. Students who do not register for both parts of the course will be dropped from the course due to incomplete registration.

### On-Campus Saturday and Evening Courses

Many on-campus evening and Saturday classes are included in the Online Schedule of Classes <http://classes.iastate.edu/>. To search for evening classes from the Online Schedule of Classes, enter pm in the Section field. All courses meeting at 5 p.m. or later will be displayed. Remember that additional offerings may be listed so students should check the meeting times carefully. For questions regarding registration and/or fees, call (515)294-1840.

### Partial-Semester Courses

Some courses are offered on a partial-semester basis. Refer to the course listings section for meeting times.

### Pass-Not Pass

Students must contact their adviser/major professor to determine which courses they may take Pass-Not Pass. To take a course Pass-Not Pass, first add the course through the

web registration system on a graded basis, then to declare the course as Pass-Not Pass, the student must obtain the signature of their adviser/major professor located in the Pass-Not Pass section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services Center. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the Iowa State University Undergraduate and Graduate Courses and Programs catalog.

### Registration Holds

If a student has a registration hold, they will not have access to register until the hold has been released by the initiating office. Go to AccessPlus, Current Student Information to view any registration holds.

### Restricted Sections of Courses

Some course sections are restricted to students who meet specific criteria (major, college, year-in-school, etc.). If a department agrees to waive the restriction due to extenuating circumstances, students must obtain the designated departmental signature on a Schedule Change/Restriction Waiver form and process the form in the Registrar's Scheduling & Fees Office, 10 Enrollment Services Center.

### Room Assignments

Beginning Friday, July 23, students may find room assignments by viewing their schedule on AccessPlus.

### Time Conflicts

University policy states that students may not enroll in courses with time conflicts without approval from the involved instructors and/or departments. The web registration system will not prevent students from scheduling time conflicts, therefore, it is the student's responsibility to check their schedule for time conflicts.

### Validation of Enrollment

To validate a student's enrollment in each course at the beginning of the semester, they must attend the first or second meeting (first meeting if the class meets only once a week). If they add a course after the term begins, they must attend the next class meeting. The instructor has the option to offer a registered place in the course to another student if they fail to validate their enrollment or obtain prior approval of the instructor. Students will not automatically be dropped from the course if they fail to validate their enrollment. A student must process the drop themselves or they will receive an F grade.

### Videotaping/Audiotaping Classes

Courses may be videotaped for various reasons, including distance learning. Instructors may audiotape courses for personal reasons. Audiotapes may be made to accommodate a student's disability. Students shall not record and/or reproduce such audiotapes without the instructor's permission.

# Night Examinations

Night exams may be scheduled for a multi-sectioned course if a common departmentally developed examination will be administered to all students in the course at the same time, and test scores will be used as a basis for uniform grading for all sections of the course. Night exam requests must be approved by the Provost and announced in the Schedule of Classes.

Whenever a night exam is administered, a regular class meeting during that week will be omitted. Students who are unable to take a night exam at a scheduled time because of a course conflict or other legitimate reason must notify the instructor in advance. The student must be given the opportunity to be examined at another time mutually convenient for the student and the instructor. The instructor will determine whether to administer the same exam or an alternate exam, or use an alternate assessment procedure. Graduate faculty who want to administer a night examination should work directly with Room Scheduling to ensure that a room is available for the exam.

Night Exams for Fall 2023

Updates are posted on the web under Night Exams.

## Credit by Examination

### General Information

Students may earn academic credit by examination. A fee is charged for each examination. Two types of credit by examination are available at Iowa State University: departmental exams and CLEP (College Level Examination Program) exams. Most exams are given during the first week of classes and require prior arrangements. CLEP Exams are given throughout the year. All arrangements are initiated by the student and fees are non-refundable. Discuss test-out plans with an adviser to verify applicability of credit earned. Test-out credit is recorded during the semester the exam is taken. Once recorded, test-out credit will appear on the students degree audit and permanent record.

Students should take a test-out exam the semester before planning to take the course. In some courses, students who plan to take the test-out exam may not be allowed to register for the course in the same semester. For more information, refer to the Iowa State University Undergraduate and Graduate Courses and Programs catalog.

### Departmental Test-out Exams

Departmental test-out exams are available for many courses. For more information about available tests, testing times, and costs, go to the specific department for more information.

### CLEP Exams

CLEP examinations are national computer based tests authorized by ISU for credit in specific classes and general areas of study. Credit may be granted for a score at or above a B grade level. For most current minimum test score information refer to the ISU index under Credit by Exam

CLEP exams are administered by the Student Counseling Service Testing Office: 2552 Gilman, 139 Durham, 60 Carver or 250 Carver throughout the year. For information about test registration and fees go to the ISU index, Credit by Exam. <https://www.iastate.edu/admission-and-aid/admissions/first-year-students/credit-by-exam>

# Tentative Final Exam Schedule

Final exams in courses of two or more credits may not be given at a time that differs from the exam time scheduled by the registrar. An instructor may not give a final exam prior to final exam week nor change the published time of the final examination as it appears in the final exam schedule. Permission to change the time for which an exam is scheduled may be given only by the dean of the college. If the instructor elects not to give a final exam, the class is required to meet at the scheduled final exam period for other educational activity such as a review of the course or feedback on previous exams.

With the exception of special group courses, time for examinations is determined by the student's first contact of the week in each course. Special group courses will be scheduled after fall semester begins if appropriate exam times and rooms can be arranged. When using this tentative schedule, refer to the list of probable special group exam courses. This list of group exam courses is subject to change.

For courses which are all recitation or lecture, or which have one or more recitations with one or more laboratories, the first recitation or lecture of the week is considered as the first contact of the week. In courses having both recitations and lectures, the department head may determine whether the first lecture or the first recitation is to be considered the first contact.

For courses having a first contact on the half hour, the first full hour following the half hour should be used. For example, 8:30 to 10:00 would have a 9:00 contact, 12:40 to 2:00 would have a 1:00 contact, and so forth.

Courses with lectures scheduled at 6:00 p.m. or later should give their examinations during finals week from 7:00-9:00 p.m. on the day the class normally meets.

Other courses not listed on the exam schedule, such as courses with first contact hour Tuesday at 12 p.m. or on Wednesday, are to have examinations during finals week at a time to be announced by the instructor.

Examinations will be held in the meeting place of the first contact of the week, except those in special groups. For the special groups, the place will be announced by the instructor.

Students who have three or more finals on the same day may request to reschedule a final. To reschedule, the student must notify the instructor on the last day of class before the beginning of dead week so the instructor has time to make appropriate arrangements.

## Tentative Combined Group Exams

The following courses are most likely to have combined group exams scheduled for Fall 2023. (This list of group exam courses may change due to departmental preference and/or time and room scheduling difficulties.) For the list of exam days and times go to the ISU index under Final Exams.

Final Exams are based on first contact day and time for additional information go to: <http://www.registrar.iastate.edu/students/exams>

### • Partial semester or summer courses:

Deadlines are determined based on the length of the course. For deadlines concerning partial term or summer courses, contact the Scheduling & Fees Office, 515-294-1840.

## Canceled Courses

Some course sections may be canceled due to low enrollments or departmental staffing situations. If a student enrolls in a section that is subsequently canceled, they will be notified by the Registrar's Catalog & Curriculum Department and/or by the department.

## Class Attendance

Students are expected to attend class meetings as scheduled. Each instructor sets his or her policy with respect to class attendance, and excuses for absence from class are handled between the student and instructor. The instructor is expected to announce her or his policy at the beginning of the course. In order to attend a given class, a student must be registered for that class. Exceptions to this policy are at the discretion of the instructor.

## Courses Requiring Permission

Some sections are designated in the Schedule of Classes as permission required. Students may not use AccessPlus to register for these sections. To add a permission required section, obtain the designated departmental signature on

Name (please print) \_\_\_\_\_  
(Last) (First) (Middle) Term \_\_\_\_\_

Please provide your university ID \_\_\_\_\_

If you have a problem with the registration system, call the Registrar’s Office (515-294-2331), from 8 a.m. to 4:30 p.m., Monday-Friday.

- A. View the Online Schedule of Classes at <http://classes.iastate.edu/> for the list of classes offered for the term. Use the spaces provided below to plan the courses you want on your schedule.
- B. Meet with your adviser to discuss your courses and to obtain your registration access number (RAN), if required by your college.
- C. Register via AccessPlus at <http://accessplus.iastate.edu/>. Follow the instructions and prompts on the screens. It is your responsibility to check for schedule conflicts. Attempt to add a course you need even if the section is closed. This action helps the University monitor and determine when it’s feasible to respond to unmet course demand.
- D. Additional Registration Regulations  
 Using the AccessPlus registration system is a privilege, which may be revoked if abuse is detected. Abuse includes, but is not limited to, creating and using an automated program to search for course openings and/or enrolling in a section with the intent of reserving space in that particular section for another student. The Office of the Registrar, college office, and/or advisers have the right to determine abuse and revoke privileges for any type of registration system abuse.

A late registration fee is assessed for registration initiated on or after the first day of classes for fall and spring terms. This fee is not charged for the summer term. If registration is not completed by the end of the fifth day of classes, you must obtain written permission from your adviser, the instructors for the courses you plan to take, as well as approval from the dean of the college in which you are registered. During the summer session, these approvals must be obtained in order to register after the third day of classes.

Courses—Prepare with alternative course selections in case your first choice courses are closed.

Reference #	Department	Course	Section	Credit	Meeting Day(s) and Time	Notes (OK, full, etc.)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Alternative courses

_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Notes

Adviser signature: \_\_\_\_\_ Date approved: \_\_\_\_\_



## Registration Trial Schedule Grid

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
7:00 a.m.						
8:00 a.m.						
9:00 a.m.						
10:00 a.m.						
11:00 a.m.						
12:10 noon						
1:10 p.m.						
2:10 p.m.						
3:10 p.m.						
4:10 p.m.						
5:10 p.m.						
6:00 p.m.						
7:00 p.m.						
8:00 p.m.						
9:00 p.m.						

## Registration Trial Schedule Grid

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
7:00 a.m.						
8:00 a.m.						
9:00 a.m.						
10:00 a.m.						
11:00 a.m.						
12:10 noon						
1:10 p.m.						
2:10 p.m.						
3:10 p.m.						
4:10 p.m.						
5:10 p.m.						
6:00 p.m.						
7:00 p.m.						
8:00 p.m.						
9:00 p.m.						

## Campus Buildings and Abbreviations

Abbr.	Building	Abbr.	Building
TRB	Advanced Teaching & Research Blding	L A	Landscape Architecture Bldg. Bessey
Agron	Agronomy Hall	L Mech	Laboratory of Mechanics
Ames Hi	Ames High School	Lagomar	Lagomarcino Hall
Armory	Armory	LeBaron	LeBaron Hall
Atansff	Atanasoff Hall	Library	Parks Library
Bessey	Bessey Hall	Lloyd	Lloyd Veterinary Medical Center
Beyer	Beyer Hall	Mackay	Mackay Hall
BRL	Biorenewables Research Laboratory	MWL Com*	Maple-Willow-Larch Commons
Black	Black Engineering Bldg.	Martin	Martin Residence Hall
Carver	Carver Hall	Marston	Marston Hall
Com Bldg	Communications Bldg.	Meats L	Meats Laboratory
Coover	Coover Hall	Mem Un/MU	Memorial Union
Curtiss	Curtiss Hall	Metals	Metals Development Bldg
Dairy F	Dairy Farm	Mol-Bio	Molecular Biology Bldg.
David	Davidson Hall	Morrill	Morrill Hall
Design	College of Design	Music	Music Hall
Durham	Durham Center	NSRIC	National Swine Research and Information Center
E Hall	East Hall	Palmer	Palmer HDFS Bldg.
Elings	Elings Hall	Pearson	Pearson Hall
Farm Bu	Farm Bureau Livestock Pav. (Kildee)	Physics	Physics Hall
Food Sc	Food Sciences Building	Phys A	Physics Addition
Forker	Barbara Forker Building	Roberts*	Roberts Residence Hall
Friley*	Friley Residence Hall	Ross H	Ross Hall
Gerdin	Gerdin Business Building	Scheman	Scheman Building
Gilman	Gilman Hall	Science	Science Hall I
Hach	Hach Hall	Sci 2	Science Hall II
Hamiltn	Hamilton Hall	Seed	Seed Science Bldg.
Heady	Heady Hall	Sned H	Snedecor Hall
Hoover	Hoover Hall	St Gym	State Gymnasium
Horse B	Horse Barn	SICTR	Student Innovation Center
Hort	Horticulture Hall & Greenhouse	Sukup	Sukup Hall
Howe	Howe Hall	Sweeney	Sweeney Hall
I Ed I	Industrial Education Bldg. I	Town	Town Engineering Bldg.
I Ed II	Industrial Education Bldg. II	Troxel	Troxel Hall
Insect	Insectary and Greenhouse	Vet Med	Veterinary Medicine Bldg.
Jischke	Martin Jischke Honors Bldg.	Wilhelm	Wilhelm Hall
Kildee	Kildee Hall	Zaffrno	Zaffarano Physics Addition
King PV	King Pavilion		

\*Residence Hall

### Other Campus Buildings

ASB	Administrative Services Bldg.	Hixon	Hixon-Lied Student Success Center
Alumctr	Alumni Center	Enrl Sc	Enrollment Services Center
Bdshr	Beardshear Hall	Jacobson	Richard Jacobson Athletic Bldg.
Campani	Campanile	Lied/Rec	Lied Recreation Center
Catt	Carrie Chapman Catt Hall	Scheman	Scheman Building
Enrl Sc	Enrollment Services Center	Sloss H	Sloss House
Farm H	Farm House Museum	Stadium	Jack Trice Stadium
Fisher	Fisher Theater	Std Hth	Thielen Student Health Center
Hilton	Hilton Coliseum	Std Ser/SSB	Student Services Bldg.
Hub	Hub	Stephen	Stephens Auditorium



**ACCOUNTING**

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS  
 Prereq: SOPH CLASSIFICATION  
 Note: COURSE NOT OPEN TO FRESHMEN OR GRADUATE STUDENTS  
 5277005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5277010 2 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5277015 3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 5277020 4 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 RESTRICTED TO P BBA, BBA MAJORS  
 Course delivery is WWW

FINANCIAL ACCOUNTING ACCT 284 3 CREDITS  
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
 1110005 1 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1110010 2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1110015 3 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1110020 4 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1110025 5 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 1110030 6 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 6 RESTRICTED TO P BBA, BBA MAJORS  
 Course delivery is WWW

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS  
 Prereq: ACCT 284  
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION TO ADD  
 1112005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1112010 2 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1112015 3 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1112020 4 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1112025 5 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1112030 6 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1112035 7 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1112040 8 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1112045 9 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1112050 10 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 1112055 11 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 11 RESTRICTED TO P BBA, BBA MAJORS  
 Course delivery is WWW

THE ACCOUNTING CYCLE ACCT 301 1 CREDIT  
 Prereq: ACCT 284  
 Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD STUDENTS  
 1078005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

BSNSS DATA STRM&ISS ACCT 315 3 CREDITS  
 Prereq: COM S 113  
 Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS SOPH & ABOVE.  
 8259005 1 T 6:00-8:45PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ACCOUNTING

(CONTINUED)

INTMD MANAGERL ACCT ACCT 383 3 CREDITS  
 Prereq: ACCT 285; CREDIT OR CONCURRENT ENROLLMENT IN ACCT 301  
 Note: SEC A1,B1,ETC. RESTRICTED TO ACCT UNDERGRADS SEC S2,B2,ECT. RESTRICTED TO BUSINESS UNDERGRADS SOPH & ABOVE  
 1117005 A1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1117010 A2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1117015 B1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1117020 B2 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1117025 C1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1117030 C2 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ACCT INFO SYSTEMS ACCT 384 3 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ACCT 301; CREDIT OR CONCURRENT ENROLLMENT IN MIS 301  
 Note: SEC A1,B1,ETC. RESTRICTED TO ACCT, BU AN SOPH & ABOVE. SEC A2,B2 ECT. RESTRICTED TO ACSCI, BUS S, BUSEC, ENTSP, FIN, HCM, HRM, MGMT, MIS, MKT, SCM SOPH & ABOVE.  
 1123005 A1 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1123010 A2 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1123015 B1 MW 3:45-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1123020 B2 MW 3:45-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1123025 C1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1123030 C2 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTMED FIN ACCT I ACCT 386 3 CREDITS  
 Prereq: ACCT 284 AND ACCT 301  
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS SOPH & ABOVE. SEC A2,B2,C2 RESTRICTED TO ACSCI, BU AN, BUS S, BUS U, BUSEC, ENTSP, FIN, HCM, HRM, I BUS, MGMT, MIS, MKT, SCM SOPH & ABOVE.  
 1118005 A1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1118010 A2 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1118015 B1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1118020 B2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1118025 C1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1118030 C2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTMED FIN ACCT II ACCT 387 3 CREDITS  
 Prereq: C- OR BETTER IN ACCT 386  
 Note: GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 SEC A1,B1 RESTRICTED TO ACCT MAJORS SOPH & ABOVE. SEC A2,B2 RESTRICTED TO ACSCI, BU AN, BUS S, BUS U, BUSEC, ENTSP, FIN, HCM, HRM, I BUS, MGMT, MIS, MKT, SCM SOPH & ABOVE.  
 1119005 A1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1119010 A2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1119015 B1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1119020 B2 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## ACCOUNTING

(CONTINUED)

APP&CMM MANAGER ACC ACCT 483 3 CREDITS  
Prereq: ACCT 383 OR ACCT 581  
Note: COURSE RESTRICTED TO BUSINESS UNDERGRADS JRS & ABOVE  
8793005 1 R 6:00-9:20PM  
MEETS: AUG 24-NOV 19  
Note: Course delivery is On-site instruction

PRIN FED INCOME TAX ACCT 485 3 CREDITS  
Prereq: C- OR BETTER IN ACCT 386 OR ACCT 501  
Note: GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD. SEC A1,B1,ETC. RESTRICTED TO ACCT UNDERGRADS JRS & ABOVE.  
SEC A2,B2,ETC. RESTRICTED TO BUSINESS UNDERGRADS JRS & ABOVE.  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.  
1121005 A1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1121010 A2 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1121015 B1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1121020 B2 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1121025 C1 MW 5:10-6:25PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1121030 C2 MW 5:10-6:25PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NONPROFIT INST ACCT ACCT 488 3 CREDITS  
Prereq: ACCT 386  
Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD STUDENTS JUNIOR & ABOVE  
1120005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY ACCT 490 1- 3 CREDITS  
Prereq: PERMISSION OF DEPARTMENT  
Note: Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CORPORATE TAXATION ACCT 493 3 CREDITS  
Prereq: ACCT 386  
2059005 1 MW 2:15-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV FIN ACCT PBLMS ACCT 495 3 CREDITS  
Prereq: ACCT 387  
Note: COURSE RESTRICTED TO ACCT UNDERGRADS JRS & ABOVE  
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
7148005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ACCT IN GLOBAL ECON ACCT 496 3 CREDITS  
Prereq: ACCT 386 OR ACCT 501  
Note: COURSE RESTRICTED TO BUSINESS UNDERGRADS JRS & ABOVE  
9026005 1 T 6:00-9:20PM  
MEETS: AUG 29-NOV 14  
Note: Course delivery is On-site instruction

INTRO TO AUDITING ACCT 497 3 CREDITS  
Prereq: ACCT 384, ACCT 387 AND STAT 326  
Note: COURSE RESTRICTED TO ACCT UNDERGRADS JRS & ABOVE  
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
1126005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1126010 2 MW 3:45-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FINANCIAL ACCOUNTING ACCT 501 3 CREDITS  
Prereq: ENROLLMENT IN MBA PROGRAM OR PERMISSION OF DEPARTMENT  
Note: COURSE RESTRICTED TO ACCT, FIN, SCIS GRADUATE MAJORS ONLY  
9339005 1 MW 7:30-10:50  
MEETS: OCT 9-NOV 15  
Note: Course delivery is On-site instruction  
9339700 2 FS 8:00-5:00, ARRANGED  
MEETS: OCT 6-OCT 28  
Note: SEC 2 MEETS 10/6, 10/7, 10/27, 10/28  
Department permission required.  
Course delivery is Hybrid (Online and F2F)  
Taught at, in or by AMES  
9339705 3 W 5:50-9:10PM  
MEETS: OCT 9-NOV 15  
Note: Department permission required.  
Course delivery is Hybrid (Online and F2F)  
Taught at, in or by DES MOINES  
9339715 4 M 5:50-9:10PM  
MEETS: OCT 9-NOV 15

## ACCOUNTING

(CONTINUED)

FINANCIAL ACCOUNTING ACCT 501 3 CREDITS  
Note: SEC 4 FOR PERMISSION TO REGISTER, CONTACT LACY GREENFIELD, LACYG@IASTATE.EDU, 515-294-8118  
CLASS WILL MEET MONDAYS FROM 5:50PM TO 9:10PM.  
CLASS WILL HAVE AN ONLINE COMPONENT  
Department permission required.  
Course delivery is Hybrid (Online and F2F)  
Taught at, in or by DES MOINES

ACCOUNTING ANALYTIC ACCT 515 3 CREDITS  
Prereq: ACCT 384 OR PERMISSION OF DEPARTMENT  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
0197005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0197010 2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0197015 3 ARRANGED  
MEETS: AUG 28-NOV 17  
Note: Course delivery is WWW

REAL ESTATE LAW ACCT 571 3 CREDITS  
Prereq: ENROLLMENT IN THE MRED OR PERMISSION OF DEPARTMENT  
0108005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CPA EXAM PREP-AUD ACCT 580A 3 CREDITS  
Prereq: ENROLLMENT IN MASTER OF ACCOUNTING  
Note: ONLY TWO OF ACCT 580A, 580B, 580C, 580D, 580E, AND 580F MAY COUNT TOWARD GRADUATION  
COURSE RESTRICTED TO ACCT GRADS ONLY  
Satisfactory-Fail Only.  
0696005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CPA EXAM PREP-BEC ACCT 580B 3 CREDITS  
Prereq: ENROLLMENT IN MASTER OF ACCOUNTING  
Note: ONLY TWO OF ACCT 580A, 580B, 580C, 580D, 580E, AND 580F MAY COUNT TOWARD GRADUATION  
COURSE RESTRICTED TO ACCT GRADS ONLY  
Satisfactory-Fail Only.  
0697005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CPA EXAM PREP-FAR ACCT 580C 3 CREDITS  
Prereq: ENROLLMENT IN MASTER OF ACCOUNTING  
Note: ONLY TWO OF ACCT 580A, 580B, 580C, 580D, 580E, AND 580F MAY COUNT TOWARD GRADUATION  
COURSE RESTRICTED TO ACCT GRADS ONLY  
Satisfactory-Fail Only.  
0699005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CPA EXAM PREP-REG ACCT 580D 3 CREDITS  
Prereq: ENROLLMENT IN MASTER OF ACCOUNTING  
Note: ONLY TWO OF ACCT 580A, 580B, 580C, 580D, 580E, AND 580F MAY COUNT TOWARD GRADUATION  
COURSE RESTRICTED TO ACCT GRADS ONLY  
Satisfactory-Fail Only.  
0700005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CMA EXAM PREP-PART1 ACCT 580E 3 CREDITS  
Prereq: ENROLLMENT IN MASTER OF ACCOUNTING  
Note: ONLY TWO OF ACCT 580A, 580B, 580C, 580D, 580E, AND 580F MAY COUNT TOWARD GRADUATION  
COURSE RESTRICTED TO ACCT GRADS ONLY  
Satisfactory-Fail Only.  
0701005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CMA EXAM PREP-PART2 ACCT 580F 3 CREDITS  
Prereq: ENROLLMENT IN MASTER OF ACCOUNTING  
Note: ONLY TWO OF ACCT 580A, 580B, 580C, 580D, 580E, AND 580F MAY COUNT TOWARD GRADUATION  
COURSE RESTRICTED TO ACCT GRADS ONLY  
Satisfactory-Fail Only.  
0702005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

APP&CMM MANAGER ACC ACCT 583 3 CREDITS  
Prereq: ACCT 383 OR ACCT 581  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
1009005 1 R 6:00-9:20PM  
MEETS: AUG 24-NOV 19  
Note: Course delivery is On-site instruction

ACCOUNTING

(CONTINUED)

ADVERTISING

(CONTINUED)

ADV FEDERAL TAXATN ACCT 586 3 CREDITS  
 Prereq: ACCT 485  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 7001005 1 MW 3:45-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GOV'T&NON-PRFT ACCT ACCT 588 3 CREDITS  
 Prereq: ACCT 386  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 2909005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPECIAL TOPICS ACCT 590 1- 3 CREDITS  
 Prereq: PERMISSION OF DEPARTMENT  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FRAUD EXAM & PREVNT ACCT 591 3 CREDITS  
 Prereq: ACCT 497 OR ACCT 501  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 7436005 1 M 6:00-9:20PM  
 MEETS: AUG 28-NOV 13  
 Note: Course delivery is On-site instruction  
 7436010 2 ARRANGED  
 MEETS: AUG 28-NOV 17  
 Note: Course delivery is WWW

CORPORATE TAXATION ACCT 593 3 CREDITS  
 Prereq: ACCT 386  
 2090005 1 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADV FIN ACCT PBLMS ACCT 595 3 CREDITS  
 Prereq: ACCT 387  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 1011005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ACCT IN GLOBAL ECON ACCT 596 3 CREDITS  
 Prereq: ACCT 386 OR ACCT 501  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 2892005 1 T 6:00-9:20PM  
 MEETS: AUG 29-NOV 14  
 Note: Course delivery is On-site instruction

FIN ACCT:THRY & ISS ACCT 598 3 CREDITS  
 Prereq: ACCT 386 OR ACCT 501  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 5338005 1 W 6:00-9:20PM  
 MEETS: AUG 30-NOV 15  
 Note: Course delivery is On-site instruction  
 5338010 2 ARRANGED  
 MEETS: AUG 28-NOV 17  
 Note: Course delivery is WWW

CREATIVE COMPONENT ACCT 599 2 CREDITS  
 Prereq: ADMISSION TO THE MASTER OF ACCT PROGRAM  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ACTUARIAL SCIENCE**

ACTUARL EXAM P LAB ACSCI 391 1 CREDIT  
 Prereq: STAT 326 OR STAT 341  
 Note: COURSE RESTRICTED TO UNDERGRAD STUDENTS  
 SOPH & ABOVE  
 Satisfactory-Fail Only.  
 0703005 1 W 5:10-6:25PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

LOSS MODELS I ACSCI 401 3 CREDITS  
 Note: COURSE RESTRICTED TO ACSCI MAJORS ONLY  
 0118005 1 MW 3:45-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

**ADVERTISING**

ADVERTISING PRINCIP ADVRT 230 3 CREDITS  
 Note: SEC A1 RESTRICTED TO GREENLEE MAJORS.  
 SEC A2 FOR MAJORS OTHER THAN GREENLEE MAJORS  
 4667010 A1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4667015 A2 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

STRATEG PLAN AD&P.R ADVRT 301 3 CREDITS  
 Prereq: ADVRT 230 OR P R 220  
 Note: SEC A1,B1,ETC. RESTRICTED TO ADVRT, JL MC, P R  
 SOPHOMORES AND ABOVE. SEC A2,B2,ETC. RESTRICTED  
 TO MAJORS OTHER THAN ADVRT, JL MC, P R.  
 4439005 A1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4439010 A2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4439015 B1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4439020 B2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4439025 C1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 4439030 C2 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

ADVERTSNG CREATIVTY ADVRT 334 3 CREDITS  
 Prereq: JL MC 110; C+ OR BETTER IN JL MC 201;  
 ADVRT 301 OR P R 301  
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS  
 4669005 1 TR 9:00-10:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4669010 2 MW 12:05-1:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADVERT MEDIA PLANNG ADVRT 335 3 CREDITS  
 Prereq: ADVRT 301 OR P R 301  
 Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R  
 SOPHOMORES AND ABOVE. SEC A2 RESTRICTED  
 TO MAJORS OTHER THAN ADVRT, JL MC, P R.  
 4670005 A1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4670010 A2 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADVERT ACCOUNT MGMT ADVRT 336 3 CREDITS  
 Prereq: JL MC 110; C+ OR BETTER IN JL MC 201;  
 ADVRT 301 OR P R 301  
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R  
 4440005 1 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRO SKILL DEVEL:MAP ADVRT 390A 1 CREDIT  
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR  
 PERMISSION FOR NONMAJORS  
 0419005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MEDIA: LAUNCH BAND ADVRT 391Q 1 CREDIT  
 Satisfactory-Fail Only.  
 0926005 1 W 4:25-6:25PM  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction

ADVERTISING CAMPGNS ADVRT 434 3 CREDITS  
 Prereq: C+ OR BETTER IN ADVRT 334 OR ADVRT 336,  
 CLASSIFICATION IN IN ADVRT, JL MC, OR P R MAJOR  
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R MAJORS  
 4685005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

SOCL MEDIA STRATEGY ADVRT 473 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 0533005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

SP TP SPRT&MDIA,DIG ADVRT 497K 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: TOPIC: SPORTS & THE MEDIA IN A DIGITAL  
 24/7 WORLD  
 RESTRICTED TO JUNIORS & ABOVE  
 0144005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRO MDIA INTERN:REQ ADVRT 499A 3 CREDITS  
 Prereq: JL MC 110; FORMAL FACULTY ADVISR APPROVL;  
 ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301  
 JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303  
 P R MAJORS: P R 301 AND C+ OR BETTER IN P R 321  
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM  
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION  
 Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADVERTISING

(CONTINUED)

PRO MDIA INTERN:OPT ADVRT 499B 1- 3 CREDITS  
 Prereq: JL MC 110; FORMAL FACULTY ADVISOR APPROVL;  
 ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301  
 JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303  
 P R MAJORS: P R 301 AND C+ OR BETTER IN P R 321  
 Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM  
 THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION  
 Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**AEROSPACE ENGINEERING**

AEROSPAE ENG PROBLM AER E 160 3 CREDITS  
 Prereq: (MATH 143 OR SATISFACTORY SCORES ON  
 MATHEMATICS PLACEMENT EXAMINATIONS); CREDIT OR  
 CONCURRENT ENROLLMENT IN MATH 165  
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY. CREDIT  
 IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED  
 TOWARD GRADUATION: A B E 160, C E 160, AER E 160,  
 ENGR 160, M E 160, CPR E 185, E E 185, S E 185,  
 I E 148.  
 6215005 1 MW 8:50-9:40 RIEDEL C  
 M 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6215010 2 MW 8:50-9:40 RIEDEL C  
 T 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6215015 3 MW 8:50-9:40 RIEDEL C  
 T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6215020 4 MW 11:00-11:50 RIEDEL C  
 M 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6215025 5 MW 11:00-11:50 RIEDEL C  
 W 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6215030 6 MW 11:00-11:50 RIEDEL C  
 R 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HONORS AER ENG PROB AER E 160H 3 CREDITS  
 Prereq: (MATH 143 OR SATISFACTORY SCORES ON  
 MATHEMATICS PLACEMENT EXAMINATIONS); CREDIT OR  
 CONCURRENT ENROLLMENT IN MATH 165  
 Note: COURSE RESTRICTED TO AER E MAJORS WHO ARE MEMBERS  
 OF THE HONORS PROGRAM. OTHER QUALIFIED STUDENTS BY  
 PERMISSION OF THE DEPARTMENT.  
 ONLY ONE OF ENGR 160, A B E 160, AER E 160, C E 160,  
 CPR E 185, E E 185, I E 148, M E 160, AND S E 185  
 MAY COUNT TOWARDS GRADUATION.  
 7571005 1 MW 1:10-2:00 RIEDEL C  
 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

NUM&GRAPHIC&LAB TCNQ AER E 161 4 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN AER E  
 160 OR (A B E 160, C E 160, CH E 160, CPR E 185, E E  
 185, ENGR 160, I E 148, M E 160, OR S E 185)  
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY  
 7834005 1 MTW 9:55-10:45 ALTUKHOVA N  
 F 8:50-10:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7834010 2 MTW 9:55-10:45 ALTUKHOVA N  
 F 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AEROSPACE SEMINAR AER E 192 R CREDIT  
 Satisfactory-Fail Only.  
 1085005 1 W 4:25-5:15 ALTUKHOVA N  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO PERFRMNC&DSGN AER E 261 3 CREDITS  
 Prereq: MATH 166; PHYS 231; PHYS 231L; CREDIT OR  
 CONCURRENT ENROLLMENT IN AER E 161  
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY  
 6021005 1 MWF 8:50-9:40 GRAGER T  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6021010 2 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

IND STU FLIGHT GRND AER E 290A 1- 2 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION; DEPARTMENT  
 PERMISSION  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2022  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AEROSPACE ENGINEERING

(CONTINUED)

IND STUDY IN-FLIGHT AER E 290B 1- 2 CREDITS  
 Prereq: AER E 301; DEPARTMENT PERMISSION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
 INDEPENDENT STUDY AER E 290C 1- 2 CREDITS  
 Prereq: AER E 301; DEPARTMENT PERMISSION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MAKE TO INNOVATE I AER E 294 1 CREDIT  
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO FRESHMAN & SOPHOMORES.  
 9385005 1 ARRANGED NELSON M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FLIGHT EXPERIENCE AER E 301 R CREDIT  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN AER E  
 355  
 Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
 Satisfactory-Fail Only.  
 1160005 1 W 8:00-9:50 DEJONG D  
 MEETS: AUG 21-OCT 13  
 1160010 2 W 10:00-11:50 DEJONG D  
 MEETS: AUG 21-OCT 13  
 1160015 3 W 1:10-3:00 DEJONG D  
 MEETS: AUG 21-OCT 13  
 1160020 4 R 8:00-9:50 DEJONG D  
 MEETS: AUG 21-OCT 13  
 1160025 5 R 10:00-11:50 DEJONG D  
 MEETS: AUG 21-OCT 13  
 1160030 6 R 1:10-3:00 DEJONG D  
 MEETS: AUG 21-OCT 13  
 1160035 7 W 8:00-9:50 DEJONG D  
 MEETS: OCT 16-DEC 15  
 1160040 8 W 10:00-11:50 DEJONG D  
 MEETS: OCT 16-DEC 15  
 1160045 9 W 1:10-3:00 DEJONG D  
 MEETS: OCT 16-DEC 15  
 1160050 10 R 8:00-9:50 DEJONG D  
 MEETS: OCT 16-DEC 15  
 1160055 11 R 10:00-11:50 DEJONG D  
 MEETS: OCT 16-DEC 15  
 1160060 12 R 1:10-3:00 DEJONG D  
 MEETS: OCT 16-DEC 15

AERODYNAM I:INCMPRS AER E 310 3 CREDITS  
 Prereq: MATH 265; C- OR BETTER IN AER E 261  
 1175005 1 MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AERODYN II:CMRSSL AER E 311 3 CREDITS  
 Prereq: AER E 310; M E 231  
 1179005 1 MWF 8:50-9:40 GS S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FLIGHT STRUCT ANALY AER E 321 3 CREDITS  
 Prereq: E M 324; CREDIT OR CONCURRENT ENROLLMENT  
 IN MATH 266 OR MATH 267  
 Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
 7164005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7164010 2 MWF 9:55-10:45 BASTAWROS A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AEROSPC STRUCTR LAB AER E 322 2 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN AER E  
 321  
 9129005 1 M 4:25-5:15 CHIOU T  
 T 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 9129010 2 M 4:25-5:15 CHIOU T  
 T 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 9129015 3 M 4:25-5:15 CHIOU T  
 T 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 9129020 4 M 4:25-5:15 CHIOU T  
 R 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 9129025 5 M 4:25-5:15 CHIOU T  
 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 9129030 6 M 4:25-5:15 CHIOU T  
 R 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction



AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

FLGHT CONTROL SYS I AER E 331 3 CREDITS  
 Prereq: AER E 355  
 1235005 1 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AERODYN&PROPULS LAB AER E 344 3 CREDITS  
 Prereq: AER E 310; CONCURRENT ENROLLMENT IN AER E 311  
 6493005 1 TR 9:00-9:50 POUYA S  
 T 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6493010 2 TR 9:00-9:50 POUYA S  
 T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6493015 3 TR 9:00-9:50 POUYA S  
 R 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6493020 4 TR 9:00-9:50 POUYA S  
 R 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ASTRODYNAMICS I AER E 351 3 CREDITS  
 Prereq: M E 345

Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
 1168005 1 MWF 1:10-2:00 ABDELKHALIK O  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 1168010 2 MWF 1:10-2:00 CHIMENTI D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AIRCRAFT FLI DYN&CTL AER E 355 3 CREDITS  
 Prereq: AER E 261; M E 345; MATH 267

Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
 1056005 1 MWF 2:15-3:05 SHERMAN P  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1056010 2 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

COMP TECHNQ AER DSN AER E 361 3 CREDITS  
 Prereq: AER E 310; E M 324; (ENGL 309 OR ENGL 314); M E 345; MATH 267

Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
 1170010 1 TR 11:00-11:50 NELSON M  
 T 12:10-2:00  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 1170015 2 TR 11:00-11:50 NELSON M  
 R 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AEROSPC SYS INTEGR T AER E 362 3 CREDITS  
 Prereq: ENGL 250; (JUNIOR CLASSIFICATION IN AEROSPACE ENGINEERING OR PERMISSION OF INSTRUCTOR)

Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
 4293005 1 MWF 3:20-4:10 HE P  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

APPLD FORMAL METHDS AER E 407 3 CREDITS  
 Prereq: FOR AER E MAJORS: AER E 361, FOR COM S MAJORS: COM S 311, FOR OTHER MAJORS: AER E 361 OR (COM S 311 OR AN EQUIVALENT COURSE); PERMISSION OF INSTRUCTOR

0648005 1 TR 11:00-12:15 ROZIER K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AERO VEHIC PROPULSN AER E 411 3 CREDITS  
 Prereq: AER E 311; AER E 344

Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
 6028005 1 MWF 8:50-9:40 SHARMA A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ROCKET PROPULSION AER E 415 3 CREDITS  
 Prereq: AER E 311; AER E 344

0018005 1 TR 11:00-12:15 POUYA S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADV FLIGHT STRUCTRS AER E 421 3 CREDITS  
 Prereq: AER E 321; MATH 266 OR MATH 267

1176005 1 MW 9:55-10:45 DAYAL V  
 F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DSIGN AEROSP STRUCT AER E 426 3 CREDITS  
 Prereq: E M 324

6157005 1 MW 1:10-2:00 DAYAL V  
 F 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6157010 2 ARRANGED DAYAL V  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

SPACCRFT DYNM&CNTRL AER E 433 3 CREDITS  
 Prereq: M E 345

9378005 1 TR 12:40-1:55 LEE D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXP FLW MEC&HEAT TR AER E 445 3 CREDITS  
 Prereq: A B E 378 OR AER E 310 OR M E 335

0712005 1 MW 12:05-12:55 HU H  
 F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0712010 2 MW 12:05-12:55 HU H  
 F 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ASTRODYNAMICS II AER E 451 3 CREDITS  
 Prereq: AER E 351

Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
 1184005 1 TR 3:40-4:55 CHIMENTI D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MOD DESIGN METHODOL AER E 461 3 CREDITS  
 Prereq: AER E 311; AER E 321; AER E 322; AER E 344; AER E 351; AER E 355; AER E 361

Note: COURSE RESTRICTED TO AER E SENIORS ONLY  
 1186005 1 TR 9:55-10:45 GRAGER T  
 T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 AIRCRAFT  
 Course delivery is On-site instruction

1186010 2 TR 9:55-10:45 LEE D  
 T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 SPACECRAFT  
 Course delivery is On-site instruction

DESIGN AEROSPAC SYS AER E 462 3 CREDITS  
 Prereq: AER E 461

Note: COURSE RESTRICTED TO AER E SENIORS ONLY  
 1187005 1 T 9:00-9:50 GRAGER T  
 TR 12:20-2:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 AIRCRAFT  
 Course delivery is On-site instruction

1187010 2 T 9:00-9:50 GRAGER T  
 MW 12:20-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRODUCTION TO MDO AER E 463 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION IN COLLEGE OF ENGINEERING OR PERMISSION OF INSTRUCTOR

9801005 1 MWF 11:00-11:50 HE P  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

IND STU A/GAS DYNAM AER E 490A 1- 6 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 DEPARTMENT PERMISSION

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY PROPULSION AER E 490B 1- 6 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 DEPARTMENT PERMISSION

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU AEROS STRUC AER E 490C 1- 6 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 DEPARTMENT PERMISSION

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FLIGHT DYNA AER E 490D 1- 6 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 DEPARTMENT PERMISSION

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU SPACECR SYS AER E 490E 1- 6 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 DEPARTMENT PERMISSION

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST FLT CONT SYS AER E 490F 1- 6 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 DEPARTMENT PERMISSION

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## AEROSPACE ENGINEERING (CONTINUED)

IND STDY AEROELASTI AER E 490G 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AER E 490H 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DESIGN AER E 490I 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU NONDESTR EV AER E 490J 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU WIND ENGNR AER E 490K 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ULTRALIGHT AER E 490L 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU INT SYS&AUT AER E 490M 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY AER E 4900 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MAKE TO INNOVATE II AER E 494 2- 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
PERMISSION OF INSTRUCTOR  
Note: MAXIMUM OF 6 CREDITS MAY COUNT TOWARD GRADUATION AS TECHNICAL ELECTIVE  
0213005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO JUNIORS AND SENIORS  
Course delivery is On-site instruction

SENIOR PROJECT AER E 499 1- 2 CREDITS  
Prereq: SENIOR CLASSIFICATION; CREDIT OR CONCURRENT ENROLLMENT IN AER E 491  
4759005 1 ARRANGED  
MEETS: AUG 21-DEC 15

APPLD FORMAL METHDS AER E 507 3 CREDITS  
Prereq: FOR AER E MAJORS: AER E 361, FOR COM S MAJORS: COM S 311, FOR OTHER MAJORS: AER E 361 OR (COM S 311 OR AN EQUIVALENT COURSE); PERMISSION OF INSTRUCTOR  
0646005 1 TR 11:00-12:15 ROZIER K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DSIGN AEROSP STRUCT AER E 526 3 CREDITS  
Prereq: E M 324  
9137005 1 MW 1:10-2:00 DAYAL V  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9137010 2 ARRANGED DAYAL V  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INCOMPRESS FLOW AERO AER E 541 3 CREDITS  
Prereq: AER E 310 OR M E 335 OR EQUIVALENT  
1208005 1 MWF 9:55-10:45 DURBIN P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EXP FLW MEC&HEAT TR AER E 545 3 CREDITS  
Prereq: A B E 378 OR AER E 310 OR M E 335  
8681005 1 MW 12:05-12:55 HU H  
F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8681010 2 MW 12:05-12:55 HU H  
F 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FLUI MECH&HEAT TR I AER E 546 3 CREDITS  
Prereq: AER E 310 OR M E 335; PROGRAMMING EXPERIENCE  
1212005 1 MWF 11:00-11:50 DURBIN P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1212010 2 ARRANGED DURBIN P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

## AEROSPACE ENGINEERING (CONTINUED)

ORBITAL MECHANICS AER E 551 3 CREDITS  
Prereq: AER E 351  
1214005 1 MWF 2:15-3:05 ABDELKHALIK O  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1214010 2 ARRANGED ABDELKHALIK O  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

GUIDANCE AER VEHL AER E 556 3 CREDITS  
Prereq: AER E 331  
8722005 1 MWF 1:10-2:00 WIE B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRODUCTION TO MDO AER E 563 3 CREDITS  
Prereq: SENIOR CLASSIFICATION IN COLLEGE OF ENGINEERING OR PERMISSION OF INSTRUCTOR  
9802005 1 MWF 11:00-11:50 HE P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FRACTURE & FATIGUE AER E 564 3 CREDITS  
Prereq: E M 324; MAT E 216 OR MAT E 273;  
UNDERGRADUATES; PERMISSION OF INSTRUCTOR.  
8817005 1 MWF 8:55-9:40 BASTAWROS A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8817010 2 ARRANGED BASTAWROS A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

RANDOM SIGNAL&KALMN AER E 573 3 CREDITS  
Prereq: AER E 331 OR E E 324 OR M E 370 OR M E 411 OR MATH 341  
8187005 1 MWF 3:20-4:10 SHERMAN P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8187010 2 ARRANGED SHERMAN P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

LINEAR SYSTEMS AER E 577 3 CREDITS  
Prereq: E E 324 OR AER E 331 OR M E 414 OR MATH 415; AND MATH 307  
8190005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8190010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPL TOP AER DYNAMCS AER E 590A 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROPULSION AER E 590B 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AEROS STRUC AER E 590C 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLIGHT DYNA AER E 590D 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPACECR SYS AER E 590E 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLIGHT CONT AER E 590F 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VISCOUS AER AER E 590H 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS DESIGN AER E 590I 1- 5 CREDITS  
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS FALL 2022  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HYPERSONICS AER E 590J 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMP AERODY AER E 590K 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OPTIMIZATN AER E 590L 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NONDESTR EV AER E 590M 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WIND ENGNR AER E 590N 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ASTRODYNAMC AER E 590Q 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## AEROSPACE ENGINEERING (CONTINUED)

SPL TOP ENRGY CNSVR AER E 590R 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT AER E 599 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AER DYNAMCS AER E 690A 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC PROPULSION AER E 690B 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AEROS STRUC AER E 690C 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLIGHT DYNA AER E 690D 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SPACECR SYS AER E 690E 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLIGHT CTRL AER E 690F 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP VISCOUS AER AER E 690H 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP COMP AERODY AER E 690K 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP NONDESTR EV AER E 690L 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP WIND ENGINR AER E 690M 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNRSH AER E 697 R CREDIT  
Prereq: PERMISSION OF DOGE, GRADUATE CLASSIFICATN  
Satisfactory-Fail Only.  
8131005 1 ARRANGED  
MEETS: AUG 21-DEC 15

RESEARCH AER E 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**AFRICAN AND AFRICAN AMERICAN STUDIES**

INTRO AFRIC AMER ST AF AM 201 3 CREDITS  
Note: Meets U.S. diversity reqmt  
Instructor permission required 1st week.  
8310005 1 MWF 9:55-10:45 BEGLEY L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8310010 2 TR 9:30-10:45 ADELEKE R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8310015 3 MWF 11:00-11:50 BEGLEY L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8310020 4 ARRANGED BEGLEY L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

8310025 5 ARRANGED BURGASON K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

8310030 6 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

AFRICA TO 1880 AF AM 310 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPH & ABOVE  
Meets international perspectives reqmt  
0336005 1 TR 8:00-9:15 ADELEKE R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ETHNIC&RACE RELATNS AF AM 330 3 CREDITS  
Prereq: SOC 130 OR SOC 134  
8638005 1 TR 8:00-9:15 KUSOW A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HIST AFRIC AMER II AF AM 354 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
Meets U.S. diversity reqmt  
8744005 1 MWF 1:10-2:00 BEHNKEN B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

UNDR SUB-SAH AFRICA AF AM 355 3 CREDITS  
Prereq: SOPHOMORE STATUS OR AF AM 201, ANTHR 201,  
230  
0960005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## AFRICAN AND AFRICAN AMERICAN STUDIES (CONTINUED)

SEM AFRIC AMER CULT AF AM 460 3 CREDITS  
Note: Instructor permission required.  
6688005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY AF AM 490 1- 3 CREDITS  
Prereq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR  
AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM  
Note: Instructor permission required.  
8357005 1 ARRANGED  
MEETS: AUG 21-DEC 15

**AGRICULTURAL AND BIOSYSTEMS ENGINEERING**

LEARNING COMMUNITIE A B E 102 .5 CREDIT  
Satisfactory-Fail Only.  
9888005 1 F 9:55-10:45, ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

9888010 2 F 11:00-11:50  
ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

SYST PROB SOLV&PROG A B E 160 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN (MATH  
143 OR MATH 165)  
Note: ONLY ONE OF ENGR 160, A B E 160, AER E 160,  
C E 160, CH E 160, CPR E 185, E E 185, I E 148,  
M E 160, AND S E 185 MAY COUNT TOWARDS GRADUATION  
6707005 1 TR 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENG GRPHC&INTRO DSN A B E 170 3 CREDITS  
Note: COURSE RESTRICTED TO A E, BSE, ENGR MAJORS  
6705005 1 MW 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SMNR:PREP FOR WRKPL A B E 201 1 CREDIT  
Prereq: MAJOR IN AE, AST, BSE, OR I TEC;  
SOPHOMORE CLASSIFICATION  
1373005 1 MW 4:25-5:15  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

FND AG &BIOSYS ENGR A B E 216 3 CREDITS  
Prereq: A B E 160 OR PERMISSION OF INSTRUCTOR  
1096005 1 TR 11:00-12:15  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PARAM SLD MODEL ENG A B E 271 1 CREDIT  
Prereq: A B E 170 OR TSM 116  
9153005 1 M 8:50-9:40  
W 7:45-9:35  
MEETS: AUG 21-OCT 13  
Note: SEC 1 RESTRICTED TO A E, BSE MAJORS ONLY  
Course delivery is On-site instruction

9153010 2 M 8:50-9:40  
W 7:45-9:35  
MEETS: AUG 21-OCT 13  
Note: SEC 2 RESTRICTED TO AST, I TEC MAJORS  
Course delivery is On-site instruction

CREO PARAMETRC MODL A B E 272 1 CREDIT  
Prereq: A B E 170 OR TSM 116  
2650005 1 M 8:50-9:40  
W 7:45-9:35  
MEETS: OCT 16-DEC 15  
Note: SEC 1 RESTRICTED TO A E, BSE MAJORS ONLY  
Course delivery is On-site instruction

2650010 2 M 8:50-9:40  
W 7:45-9:35  
MEETS: OCT 16-DEC 15  
Note: SEC 2 RESTRICTED TO AST, I TEC MAJORS  
Course delivery is On-site instruction

CAD FACILT&LAND USE A B E 273 1 CREDIT  
Prereq: ENGR 170 OR TSM 116  
4264005 1 M 2:15-3:05  
W 2:15-4:05  
MEETS: AUG 21-OCT 13  
Note: SEC 1 RESTRICTED TO A E, BSE MAJORS ONLY  
Course delivery is On-site instruction

4264010 2 M 2:15-3:05  
W 2:15-4:05  
MEETS: AUG 21-OCT 13  
Note: SEC 2 RESTRICTED TO AST, I TEC MAJORS  
Course delivery is On-site instruction

## AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

APPLD NUMRCL METHDS A B E 316 3 CREDITS  
Prereq: A B E 160; (MATH 266 OR MATH 267)  
8355005 1 TR 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIORENEWABLE SYSTEMS A B E 325 3 CREDITS  
Prereq: CHEM 163 OR HIGHER; MATH 140 OR HIGHER  
9073700 F ARRANGED BRUMM T  
MEETS: AUG 21-DEC 15  
Note: SEC F CONTACT GPIDEA COORDINATOR TO ENROLL.  
AGONLINESERVICES@IASTATE.EDU, 800-747-4478  
Course delivery is On-site instruction  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
9073705 H ARRANGED BRUMM T  
MEETS: AUG 21-DEC 15  
Note: SEC H CONTACT GPIDEA COORDINATOR TO ENROLL.  
AGONLINESERVICES@IASTATE.EDU, 800-747-4478  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
9073005 1 ARRANGED BRUMM T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
9073710 2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANIM PROD SYST DSGN A B E 327L 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN TSM  
327  
0528005 1 F 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANLYS SOIL,CROP,MAC A B E 340 3 CREDITS  
Prereq: A B E 216  
1525005 1 TR 11:00-11:50  
W 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1525010 2 TR 11:00-11:50  
W 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ELEC POWR&ELECTRONC A B E 363 4 CREDITS  
Prereq: A B E 216  
1019005 1 TR 9:30-10:45  
W 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1019010 2 TR 9:30-10:45  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MECHANICS OF FLUIDS A B E 378 3 CREDITS  
Prereq: C E 274  
Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.  
3013005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MECHNCS OF FLDS LAB A B E 378L 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN A B E  
378  
4120005 1 T 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4120010 2 T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4120015 3 T 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4120020 4 T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4120025 5 W 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4120030 6 W 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4120035 7 R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4120040 8 R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4120045 9 R 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4120050 10 R 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

SUSTNBL E&INT'L DEV A B E 388 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION IN AN ENGINEERING  
MAJOR  
Note: COURSE RESTRICTED TO COLLEGE OF ENGINEERING  
JUNIORS AND SENIORS  
Meets international perspectives reqmt  
8107005 1 MW 3:20-4:10  
T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

A B E INSTRUMENTATN A B E 404 3 CREDITS  
Prereq: A B E 316; A B E 363  
Note: COURSE RESTRICTED TO A E, BSE, BUSAD MAJORS  
2661005 1 TR 8:25-9:15  
T 12:15-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2661010 2 TR 8:25-9:15  
T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2661015 3 TR 8:25-9:15  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2661020 4 TR 8:25-9:15  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FLUID POWER ENGR A B E 413 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN (A B E  
378 OR M E 335); (A B E 216 OR M E 270)  
7961005 1 MW 9:55-10:45  
M 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7961010 2 MW 9:55-10:45  
W 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7961015 3 MW 9:55-10:45  
M 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AG&BIOSY ENGR DSN I A B E 415 2 CREDITS  
Prereq: A E OR BSE MAJOR; A B E 316  
Note: COURSE RESTRICTED TO A E, BSE, BUSAD MAJORS  
8253005 1 MW 12:05-12:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

AG&BIOSY ENG DSN II A B E 416 2 CREDITS  
Prereq: A B E 415  
Note: COURSE RESTRICTED TO A E, BSE, BUSAD MAJORS  
7302005 1 R 12:10-1:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOIL&WTR CONSRV SYS A B E 431 3 CREDITS  
Prereq: E M 378 OR CH E 356  
9418005 1 MW 11:00-11:50  
T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WATERSHD MODL&POLCY A B E 437 3 CREDITS  
Prereq: C E 372  
1005005 1 MW 1:10-2:00  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGR ANALY BIOL SYS A B E 480 3 CREDITS  
Prereq: A B E 380 OR PERMISSION OF INSTRUCTOR  
4864005 1 MW 7:45-8:35  
F 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

IND STU:AN PROD SYS A B E 490A 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND ST:BIORNW RSRCE A B E 490B 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND ST:ENVIR BIOPRC A B E 490E 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

IND STU:FOOD ENGNR A B E 490F 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY A B E 490G 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS A B E 490H 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU LAND&WATR E A B E 490L 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU ADV MACH SY A B E 490M 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INSTRUMNTN FOR ABSE A B E 504 3 CREDITS  
Prereq: A B E 316; A B E 363  
9225005 1 TR 8:25-9:15  
T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9225010 2 TR 8:25-9:15  
T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9225015 3 TR 8:25-9:15  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9225020 4 TR 8:25-9:15  
R 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTEG CROP&LVSTK SY A B E 515 3 CREDITS  
Prereq: SUSAG 509  
8615005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOIL&WTR CONSERV SY A B E 531 3 CREDITS  
Prereq: A B E 378 OR CH E 356  
1577005 1 MW 11:00-11:50  
T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WATERSHD MODL&POLCY A B E 537 3 CREDITS  
Prereq: C E 372  
6825005 1 MW 1:10-2:00  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GIS PROGRMG&AUTOMAT A B E 556 3 CREDITS  
Prereq: C R P 351  
0036005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0036010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.  
Course delivery is WWW

ENGR ANALY BIOL SYS A B E 580 3 CREDITS  
Prereq: A B E 380 OR PERMISSION OF INSTRUCTOR  
1028005 1 MW 7:45-8:35  
F 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPL TP AG&BIOSY ENG A B E 590 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR A B E 601 1 CREDIT  
1046005 1 M 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOUND SUSTAINBLE AG A B E 610 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
Note: COURSE IS FOR SUSAG MAJORS. NON-MAJORS BY PERMISSION OF THE INSTRUCTOR.  
9777005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED TOPICS A B E 690 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

TEACHING PRACTICUM A B E 694 1- 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR  
6457005 1 ARRANGED  
MEETS: AUG 21-DEC 15

ENGINEERG INTERNSHP A B E 697 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF Satisfactory-Fail Only.  
1700005 1 ARRANGED  
MEETS: AUG 21-DEC 15

RESEARCH BIOSYS ENG A B E 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES CMPTR AID DSGN A B E 699C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES ENVIRONMTL SYST A B E 699E VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH FOOD ENGR A B E 699F VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH OCCUP SAFETY A B E 699O VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES PWR&MACHIN ENGR A B E 699P VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

STRUCTURES RESEARCH A B E 699Q VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH PROCESS ENGR A B E 699R VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES ENVIRON&NAT RES A B E 699S VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH WASTE MGT A B E 699U VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## AGRICULTURAL EDUCATION &amp; STUDIES

PRO DEV:NEW STU SEM AGEDS 110 1 CREDIT  
0831005 1 M 3:20-4:10  
W 3:20-5:10  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

0831010 2 M 3:20-4:10  
W 3:20-5:10  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

0831015 3 M 3:20-4:10  
W 3:20-5:10  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

0831020 4 M 3:20-4:10  
W 3:20-5:10  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

0831025 5 M 3:20-4:10  
W 3:20-5:10  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

0831030 6 M 3:20-4:10  
W 3:20-5:10  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

DEAN'S LDRSHP SEMNR AGEDS 111 1 CREDIT  
Prereq: COLLEGE PERMISSION  
Note: REQUIRED APPROVAL FROM KATY HEINEMAN, 20 CURTISS  
1334005 1 T 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: College permission required.  
Course delivery is On-site instruction

INITIAL FLD EXPRNCE AGEDS 116 1 CREDIT  
Prereq: AGLSE MAJOR  
4766005 1 MW 3:20-4:10, ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT  
Prereq: AGEDS 110  
7586005 1 ARRANGED  
MEETS: AUG 21-DEC 15

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT  
Prereq: AGEDS 110  
7603005 1 ARRANGED  
MEETS: AUG 21-DEC 15

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

FOUND AG ED PROGRMS AGEDS 310 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
8790005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: AGLSE MAJOR ONLY  
Course delivery is On-site instruction

PRESENTN STRATEGIES AGEDS 311 3 CREDITS  
1272005 1 MW 7:45-8:35 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1272010 2 MW 8:50-9:40, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1272015 3 MW 9:55-10:45  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1272020 4 TR 8:00-8:50, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1272025 5 M 1:10-3:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SCI WITH PRACTICE AGEDS 312 3 CREDITS  
Prereq: COLLEGE OF AGRICULTURE AND LIFE SCIENCES  
UNDERGRADUATE MAJORS  
8006005 1 W 2:15-3:05 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8006010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
1273005 1 T 12:40-1:55, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1273010 2 T 12:40-1:55, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1273015 3 ARRANGED DOLLISSO A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SURV AG&LIF SC COMM AGEDS 327 3 CREDITS  
Prereq: ENGL 250  
9159005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9159010 2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9159015 3 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AG MECHAN APPLCATNS AGEDS 388 3 CREDITS  
Note: COURSE LOCATED OFF CAMPUS, ALLOW 20 MINUTES  
TRAVEL TIME  
6067005 1 M 12:05-1:55  
W 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO AG ST, AGEDS, AGLSE  
MAJORS ONLY  
Course delivery is On-site instruction  
6067010 2 M 12:05-1:55  
W 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: SEC 2 FOR MAJORS OTHER THAN AG ST, AGEDS,  
AGLSE.  
Course delivery is On-site instruction  
6067015 3 M 8:50-11:40  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: SEC 3 RESTRICTED ONLY TO AG ST AND AGLSE  
Course delivery is On-site instruction  
6067020 4 M 8:50-11:40  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: SEC 4 FOR MAJORS OTHER THAN AG ST, AGEDS,  
AGLSE.  
Course delivery is On-site instruction

COOPERATIVE EDUCATN AGEDS 398 R CREDIT  
Prereq: DEPARTMENT PERMISSION  
1356005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Permission of department chair required.

PLAN AG ED PROGRAMS AGEDS 401 3 CREDITS  
Prereq: AGEDS 310  
1275005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

METHODS TEACHING AG AGEDS 402 3 CREDITS  
Prereq: AGEDS 401; CONCURRENT ENROLLMENT IN AGEDS  
311  
1276005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CREDITS  
Prereq: JUNIOR CLASSIFICATION IN AGEDS;  
PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRE-STDT TCHG EXPER AGEDS 416 1 CREDIT  
Prereq: AGEDS 211; AGEDS 402; ADMISSION TO  
TEACHER EDUCATION PROGRAM  
1886005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FARM MGMT&OPERATION AGEDS 450 3 CREDITS  
Prereq: ECON 230; ECON 235; JUNIOR CLASSIFICATION  
1386005 1 T 1:10-3:00  
W 1:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1386010 2 T 1:10-3:00  
R 1:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CAPSTONE:MULTIDISC AGEDS 460X 3 CREDITS  
Prereq: GRADUATING SENIOR IN AGRICULTURAL STUDIES  
4746005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INN DIFFSN AGEDS ED AGEDS 461 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
9564005 1 W 3:20-4:10 MASAMBUKA-KANCHE  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9564010 2 ARRANGED MASAMBUKA-KANCHE  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CONTMP ISSUES IN AG AGEDS 463X 3 CREDITS  
Prereq: SENIOR CLASSIFICATION  
1716005 1 TR 11:00-12:15 MASAMBUKA-KANCHE  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AG MKTG&COMM COMPET AGEDS 475 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
6063005 1 TR 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

MTHDS TCHG AG MECHN AGEDS 488 3 CREDITS  
Prereq: AGEDS 388; CREDIT OR CONCURRENT  
ENROLLMENT IN AGEDS 310  
Note: COURSE LOCATED OFF CAMPUS, ALLOW 20 MINUTES  
TRAVEL TIME  
COURSE RESTRICTED TO AGLSE JUNIORS & SENIORS ONLY  
5124005 1 M 2:15-4:05  
W 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

IND STU PHIL,CURRIC AGEDS 490A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD  
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU LDRSHIP,EVAL AGEDS 490B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD  
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU BUS,PROD AG AGEDS 490C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU EXTEN,INT'L AGEDS 490D 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD  
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

IND STU INSTR TCHNL AGEDS 490E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD  
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENVIR ISSU AGEDS 490F 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD  
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR AGEDS 490G 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGEDS 490H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD  
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS  
PROGRAM ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU COMMUNICATN AGEDS 490I 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD  
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS  
Prereq: DEPARTMENT PERMISSION  
Note: Instructor permission required 1st week.  
8361005 1 ARRANGED  
MEETS: AUG 21-DEC 15

PLAN AG ED PROGRAMS AGEDS 501 3 CREDITS  
Prereq: AGEDS 310  
7850005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

METHODS OF TEACH AG AGEDS 502 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN AGEDS 501  
7851005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRO PRESENTN PRCTCE AGEDS 511 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
9244005 1 ARRANGED QU S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

TEACH EDUC PRACTICM AGEDS 517 2- 6 CREDITS  
Prereq: AGEDS 590B, AGEDS 501, AGEDS 502,  
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
PROGRAM  
8692005 1 ARRANGED  
MEETS: AUG 21-DEC 15

PROG DEVEL AG&EXTEN AGEDS 524 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
1301005 1 ARRANGED GRUDENS-SCHUCK N  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

FOUNDATIONS AG EDUC AGEDS 550 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2931005 1 ARRANGED MARTIN M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INN DIFFSN AGEDS ED AGEDS 561 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: Meets international perspectives reqmt  
1305005 1 W 3:20-4:10, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1305010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SURVEY LDSHP THEORI AGEDS 580X 3 CREDITS  
4107005 1 ARRANGED DOLLISSO A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPCL TOP CURRICULUM AGEDS 590A 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

SPCL TOPICS METHODS AGEDS 590B 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHILOSOPHY AGEDS 590C 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP EVALUATION AGEDS 590D 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ADMINIST AGEDS 590E 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP LEADERSHIP AGEDS 590F 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GUIDANCE AGEDS 590G 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INSTR TCHNL AGEDS 590I 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC EXTENSION AGEDS 590J 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTRNATL AG AGEDS 590K 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROGRAM PLAN AGEDS 590L 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP CURRICULUM AGEDS 593A 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1317005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Tuition Category: Workshop

METHODS WORKSHOP AGEDS 593B 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1318005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Tuition Category: Workshop

WORKSHOP EVALUATION AGEDS 593C 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1319005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Tuition Category: Workshop

ADMINISTRTRN WORKSHP AGEDS 593D 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1320005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Tuition Category: Workshop

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1321005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Tuition Category: Workshop

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1322005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Tuition Category: Workshop

WRKSHP PROGRAM PLAN AGEDS 593G 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1323005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Tuition Category: Workshop

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1890005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Tuition Category: Workshop

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS  
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
 6536005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Tuition Category: Workshop

CREATIVE COMPONENT AGEDS 599 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMNR PUBLCATN WRIT AGEDS 615A 1 CREDIT  
 Satisfactory-Fail Only.  
 1327005 1 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

PRO INTERNSHP AG ED AGEDS 617 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH AGEDS 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## AGRONOMY (CONTINUED)

ORGNC CMPD PLT&SOIL AGRON 259 3 CREDITS  
 Prereq: (AGRON 182 OR GEOL 210 OR ENSCI 250);  
 BIOL 212; (CHEM 163 OR CHEM 177); MATH 140  
 8411005 1 MWF 9:55-10:45 THOMPSON M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FIELD EXPLORA AGRON AGRON 279 3 CREDITS  
 Prereq: AGRON 181; AGRON 182  
 Note: REQUIRED FIELD WORK/EXPERIENCE 2 WEEKS BEFORE  
 CLASSES BEGIN. RESTRICTED TO AGRON MAJORS ONLY  
 1069005 1 T 8:55-10:45 ANDERSON A  
 ARRANGED DEVRIES M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1069010 2 T 12:40-2:30 ANDERSON A  
 ARRANGED DEVRIES M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CROP DEVEL,PROD&MGT AGRON 280 3 CREDITS  
 Prereq: AGRON 181; AGRON 182  
 1086005 1 MWF 11:00-11:50 DEVRIES M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SOIL CNSRV&LAND USE AGRON 282 3 CREDITS  
 1544005 1 MWF 8:50-9:40 BURRAS C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

COOPERATIVE EDUCATN AGRON 298 R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 1401005 1 ARRANGED ACKERMAN H  
 MEETS: AUG 21-DEC 15

PROFESNL INTERNSHIP AGRON 311 1 CREDIT  
 Prereq: ADVISOR PERMISSION  
 8173005 1 T 4:10-5:00 GOGGI A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CROP STRUC-FUNC REL AGRON 316 3 CREDITS  
 Prereq: AGRON 181; 3 CREDITS OF BIOL  
 1406005 1 MWF 9:55-10:45 SUZA W  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRIN OF WEED SCIENC AGRON 317 3 CREDITS  
 Prereq: BIOL 211  
 1405010 1 MWF 9:55-10:45 JHA P  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GENET,AGRI&BIOTECHN AGRON 320 3 CREDITS  
 Prereq: BIOL 212  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313  
 AND 313L, GEN/AGRON 320  
 1418005 1 TR 11:00-12:15 SUZA W  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CROPS PRACTICUM AGRON 331 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 1408005 1 MWF 12:05-2:55 DEVRIES M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SEED SCIENCE&TECHNL AGRON 338 3 CREDITS  
 Prereq: (AGRON 181 OR HORT 221); 3 CREDITS OF  
 BIOL  
 1410005 1 TR 9:30-10:45 GOGGI A  
 R 2:10-5:00 GOGGI A  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO SEEDS MAJORS ONLY  
 Course delivery is On-site instruction

1410010 2 TR 9:30-10:45 GOGGI A  
 R 2:10-5:00 GOGGI A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WORLD FOOD ISSUES AGRON 342 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Meets international perspectives reqmt  
 1402005 1 MWF 11:00-11:50 ANDERSON A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1402010 2 TR 9:30-10:45 ANDREWS S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1402015 3 TR 12:40-1:55 KNAW-MENSAH D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1402020 4 ARRANGED ANDREWS S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

## AGRONOMY

PRO DEVEL:ORIENTATN AGRON 110 1 CREDIT  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2022  
 1390005 1 T 3:10-4:00 ACKERMAN H  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1390010 2 R 3:10-4:00 ACKERMAN H  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 FOR LEARNING COMMUNITY STUDENTS ONLY  
 Course delivery is On-site instruction

INTR RENEW RESOURCS AGRON 120 3 CREDITS  
 1382005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1382010 2 ARRANGED SKRYNNIKOVA L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

CLIMATE AND SOCIETY AGRON 140 3 CREDITS  
 Note: Meets international perspectives reqmt  
 0599005 1 TR 11:00-12:15 MAUDLIN L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GLOBL AG IN CHG WLD AGRON 180 3 CREDITS  
 Note: Meets international perspectives reqmt  
 1850005 1 MWF 8:50-9:40 VANLOCKE A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO CROP SCIENCE AGRON 181 3 CREDITS  
 1914005 1 TR 12:40-1:55 WIEDENHOEFT M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO SOIL SCIENCE AGRON 182 3 CREDITS  
 Prereq: CHEM 163  
 1946005 1 MWF 12:05-12:55 ANDERSON A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1946010 2 ARRANGED ANDERSON A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

AGRONMST BASC SKILS AGRON 183 1 CREDIT  
 Prereq: CHEM 163  
 Note: COURSE RESTRICTED TO AGRON MAJORS ONLY  
 1948005 1 T 9:00-11:50 HORNBuckle B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO WEATHER&CLIMT AGRON 206 3 CREDITS  
 1397005 1 MWF 2:15-3:05 HORNBuckle B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AGRON CAREER PLANNG AGRON 210 1 CREDIT  
 1398005 1 T 2:10-3:00 ACKERMAN H  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WEED IDENTIFICATION AGRON 217 1 CREDIT  
 Prereq: 3 CREDITS OF BIOL  
 7385005 1 R 2:10-5:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction

ENVIRONMTL GEOGRPHY AGRON 250 3 CREDITS  
 0799005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0799010 2 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction



## AGRONOMY

(CONTINUED)

TURFGRASS ESTAB&MGT AGRON 351 3 CREDITS  
Prereq: AGRON 181 OR BIOL 211 OR HORT 221  
1412005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1412010 2 ARRANGED CHRISTIANS N  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

TURFGR ESTB&MGT LAB AGRON 351L 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
HORT 351  
1413005 1 M 2:15-5:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOILS & PLANT GROWTH AGRON 354 3 CREDITS  
Prereq: AGRON 182; 3 CREDITS OF BIOL  
1414015 1 MWF 1:10-2:00 MCDANIEL M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOIL&PLANT GRWTH LB AGRON 354L 1 CREDIT  
Prereq: AGRON OR HORT MAJOR; CREDIT OR CONCURRENT  
ENROLLMENT IN AGRON 354  
8362005 1 T 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8362010 2 R 11:00-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8362015 3 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8362020 4 R 11:00-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FLD EXP SOIL DESCRP AGRON 370 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
AGRON 182  
1417005 1 R 3:10-6:00PM ANDERSON A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SYST CROP&SOIL MGMT AGRON 392 3 CREDITS  
Prereq: AGRON 316; AGRON 354  
4515005 1 MW 1:10-2:00 EBRAHIMI E  
M 2:15-5:05 EBRAHIMI E  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVE EDUCATN AGRON 398 R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR; JUNIOR  
CLASSIFICATION  
Satisfactory-Fail Only.  
1411005 1 ARRANGED  
MEETS: AUG 21-DEC 15

GLOBAL CHANGE AGRON 404 3 CREDITS  
8140005 1 TR 2:10-3:25 MAUDLIN L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRO DEVELP SR FORUM AGRON 410 1 CREDIT  
Prereq: AGRON 210; SENIOR CLASSIFICATION  
1428005 1 T 2:10-3:00 LAMKEY K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO PLANT BREEDNG AGRON 421 3 CREDITS  
Prereq: BIOL 313 OR GEN 320  
1431005 1 TR 8:00-9:15 SALAS-FERNANDEZ  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CROP & SOIL MODELING AGRON 425 3 CREDITS  
Prereq: (AGRON 316 OR AGRON 354); MATH 165  
0886005 1 TR 2:10-3:25 MIGUEZ F  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO GIS GEOSCNTST AGRON 452 3 CREDITS  
8577005 1 MW 3:20-4:10 HARDING C  
MW 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOIL FORMATN&LANDSC AGRON 463 3 CREDITS  
Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR  
AGRON/ENSCI 4631, BUT NOT BOTH, MAY BE APPLIED  
TOWARD GRADUATION  
1435005 1 MWF 12:05-12:55 BURRAS C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## AGRONOMY

(CONTINUED)

INDEPENDENT STUDY AGRON 490G 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE  
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGRON 490H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS  
PROGRAM ONLY. NO MORE THAN 4 CREDITS OF AGRON 490 MAY  
BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
FOR GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP AGRON 491 1- 2 CREDITS  
Prereq: AGRON 338; PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
9369005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AG INT'L TRAVL TOUR AGRON 496A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
9433005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

AG DOMESTIC TRAVEL AGRON 496B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
9434005 1 ARRANGED  
MEETS: AUG 21-DEC 15

COOPERATIVE EDUCATN AGRON 498 R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR; SENIOR  
CLASSIFICATION  
Satisfactory-Fail Only.  
1416005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CROP GROWTH & DEVELP AGRON 501 3 CREDITS  
Prereq: AGRON 181 OR EQUIVALENT, MATH 140,  
CHEM 163, BIOL 101  
6438700 1 ARRANGED EBRAHIMI E  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ENROLLED IN  
THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE  
ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS CONTACT  
THE MS AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR  
MSAGRON@IASTATE.EDU.  
Course delivery is WWW  
Cmptr reqmt: <https://masters.agron.iastate.edu/home/techrequirements>

CHEM, PHYS&BIOL SOIL AGRON 502 3 CREDITS  
Prereq: AGRON 181 OR EQUIVALENT, AGRON 182 OR  
EQUIVALENT, BIOL 101, CHEM 163, MATH 140  
6442005 1 ARRANGED DOBILL D  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ENROLLED IN  
THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE  
ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS CONTACT  
THE AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR  
MSAGRON@IASTATE.EDU.  
Course delivery is WWW

GLOBAL CHANGE AGRON 504 3 CREDITS  
8143005 1 TR 2:10-3:25 MAUDLIN L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CROP GENETICS AGRON 506 3 CREDITS  
Prereq: AGRON 114 OR HORT 221, MATH 140,  
CHEM 163 AND BIOL 101  
6697005 1 ARRANGED FEI S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SOIL-PLANT ENVIRONM AGRON 512 3 CREDITS  
Prereq: AGRON 502. AGRON 501 RECOMMENDED.  
6481005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ENROLLED IN  
THE MS AGRONOMY AND AGRONOMY GRADUATE CERTIFICATE  
ONLINE DEGREE PROGRAMS. ALL OTHER MAJORS CONTACT  
THE AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR  
MSAGRON@IASTATE.EDU.  
Course delivery is WWW

D SCI AGRI PRFSSNLS AGRON 513 3 CREDITS  
Prereq: AGRON 181 OR EQUIVALENT, AGRON 114,  
MATH 140, STAT 104  
6456005 1 ARRANGED HARBUR M  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ENROLLED  
IN THE MS AGRONOMY AND STB GRADUATES.  
AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS.  
ALL OTHER MAJORS CONTACT THE AGRONOMY PROGRAM OFFICE  
AT 515-294-2999 OR MSAGRON@IASTATE.EDU.  
Course delivery is WWW

## AGRONOMY (CONTINUED)

INTEG CROP&LVSTK SY AGRON 515 3 CREDITS  
Prereq: AGRON 509  
2179005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

APP PLNT MOL GENETC AGRON 524 3 CREDITS  
Prereq: AGRON 506  
6717005 1 ARRANGED BHATTACHARYYA M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6717010 2 ARRANGED BHATTACHARYYA M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CROP &SOIL MODELING AGRON 525 3 CREDITS  
Prereq: (AGRON 316 OR AGRON 354); MATH 165  
7957005 1 TR 2:10-3:25 MIGUEZ F  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ECOL BASED PEST MGT AGRON 530 3 CREDITS  
Prereq: SUSAG 509  
2181005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CROP ECOLOGY & MGMT AGRON 531 3 CREDITS  
Prereq: AGRON 501, AGRON 502, AGRON 503,  
AGRON 512 AND AGRON 514 RECOMMENDED.  
Note: COURSE RESTRICTED TO GRADUATE STUDENTS ENROLLED  
IN THE MS AGRONOMY ONLINE DEGREE PROGRAMS. ALL  
OTHER MAJORS CONTACT THE AGRONOMY PROGRAM OFFICE AT  
515-294-2999 OR MSAGRON@IASTATE.EDU.  
2016005 1 ARRANGED EBRAHIMI E  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SOIL MANAGEMENT AGRON 532 3 CREDITS  
Prereq: AGRON 501, AGRON 503, AGRON 512;  
RECOMMENDED: AGRON 513  
Note: COURSE RESTRICTED TO GRADUATE STUDENTS ENROLLED  
IN THE MS AGRONOMY ONLINE DEGREE PROGRAMS. ALL  
OTHER MAJORS CONTACT THE AGRONOMY PROGRAM OFFICE AT  
515-294-2999 OR MSAGRON@IASTATE.EDU.  
2027005 1 ARRANGED KWAW-MENSAH D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

QNTV ANLYTC PLT BRD AGRON 537 3 CREDITS  
Prereq: AGRON 181, MATH 140  
0760005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SEED CONDITNNG&STOR AGRON 539 2 CREDITS  
Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS  
MASTER'S DEGREE PROGRAM OR APPROVAL OF THE INSTRUCTOR  
3186005 1 ARRANGED MISRA M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

HOST-PEST INTERACTN AGRON 544 3 CREDITS  
6879005 1 ARRANGED SINGH A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INTRO GIS GEOSCNTST AGRON 552 3 CREDITS  
1490005 1 MW 3:20-4:10 HARDING C  
MW 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SOIL MANAGEMENT AGRON 554 2 CREDITS  
Prereq: AGRON 354; MATH 165  
1460005 1 MW 7:45-8:35 CRUSE R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AGROECOSYTM ECOLOGY AGRON 556 3 CREDITS  
Prereq: 3 CR IN CHEMISTRY AND 6 CR IN BIOLOGY.  
RECOMMENDED: ENSCI 382, ENSCI 553, OR UPPER-LEVEL  
COURSEWORK IN NUTRIENT CYCLES.  
7325005 1 TR 9:30-10:45 CASTELLANO M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

POP&QUANT GEN BREED AGRON 561 4 CREDITS  
Prereq: STAT 587  
6460005 1 TR 8:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6460010 2 TR 8:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

## AGRONOMY (CONTINUED)

SOIL FORMATN&LANDSC AGRON 563 3 CREDITS  
Note: CREDIT FOR EITHER AGRON/ENSCI 563 OR  
AGRON/ENSCI 563I, BUT NOT BOTH, MAY BE APPLIED  
TOWARD GRADUATION  
3237005 1 MWF 12:05-12:55 BURRAS C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOIL FORM&TRANSFORM AGRON 575 1 CREDIT  
Prereq: AGRON 463 OR EQUIVALENT  
1463005 1 ARRANGED BURRAS C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS AGRON 590 VAR. CREDITS  
Prereq: 15 CREDITS IN AGRONOMY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CURRNT ISSUES AGRON AGRON 592 3 CREDITS  
Prereq: AGRON 501, AGRON 503, AGRON 511,  
AGRON 512, AGRON 513, AGRON 514  
Note: COURSE RESTRICTED TO GRADUATE STUDENTS ENROLLED  
IN THE MS AGRONOMY ONLINE DEGREE PROGRAMS. ALL  
OTHER MAJORS CONTACT THE AGRONOMY PROGRAM OFFICE AT  
515-294-2999 OR MSAGRON@IASTATE.EDU.  
2044005 1 ARRANGED KWAW-MENSAH D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CR COMP AG METEOROL AGRON 599A VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1472005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CR COMP CROP PRD&PH AGRON 599B VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1473005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
Note: COURSE PERMISSIONS CONTACT IS BRENDA KUTZ,  
AGRONMSPLBR@IASTATE.EDU, (515) 294-2999. INSTRUCTOR/  
MAJOR PROFESSOR PERMISSION IS REQUIRED.  
RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS  
PLANT BREEDING ONLINE DEGREE PROGRAM AT ISU.  
CONTACT BRENDA KUTZ AT (515) 294-2999. NO PROCTOR  
NEEDED.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1476005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CRTV COMPN SOIL MGT AGRON 599F VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1477005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1478005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1479005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CR COMP SOIL PHYSCS AGRON 599I VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1480005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CRTV COMP SEED SCI AGRON 599K VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1639005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CRTV COMP WEED SCI AGRON 599L VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1649005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CREATV COMPON AGRON AGRON 599M VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOUND SUSTAINBLE AG AGRON 610 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
Note: COURSE IS FOR SUSAG MAJORS. NON-MAJORS BY  
PERMISSION OF THE INSTRUCTOR.  
3264005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## AGRONOMY (CONTINUED)

RESEARCH SEMINAR AGRON 696 1 CREDIT  
Satisfactory-Fail Only.  
8829005 1 W 4:25-5:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AGRON TCHNG PRACTCM AGRON 698 1- 2 CREDITS  
Prereq: GRADUATE CLASSIFICATION IN AGRON AND  
PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES AG METEOROLOGY AGRON 699A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES CROP PROD&PHYSL AGRON 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES PLANT BREEDING AGRON 699C VAR. CREDITS  
Note: COURSE PERMISSIONS CONTACT IS BRENDA KUTZ,  
AGRONMSPLB@IASTATE.EDU, (515) 294-2999. INSTRUCTOR/  
MAJOR PROFESSOR PERMISSION IS REQUIRED.  
RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS  
PLANT BREEDING ONLINE DEGREE PROGRAM AT ISU.  
CONTACT BRENDA KUTZ AT (515) 294-2999. NO PROCTOR  
NEEDED.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SOIL CHEM AGRON 699D VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOIL FERTILI AGRON 699E VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SOIL MGMT AGRON 699F VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES SOIL MICROBIOL AGRON 699G VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOIL MORPHOL AGRON 699H VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOIL PHYSICS AGRON 699I VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES PLANT PHYSIOLGY AGRON 699J VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEED SCI AGRON 699K VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH WEED SCI AGRON 699L VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**AIR FORCE AEROSPACE STUDIES**

INTR LDRSH LAB&TRNG AFAS 103 2 CREDITS  
Satisfactory-Fail Only.  
7300005 1 MWR 6:30-7:30  
T 6:30-7:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOUND U S AIR FORCE AFAS 141 1 CREDIT  
1260005 1 T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1260010 2 W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BASIC LDRSH LAB&TRN AFAS 203 2 CREDITS  
Satisfactory-Fail Only.  
7317005 1 MWR 6:30-7:30  
T 6:30-7:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TEAM&LDRSHP FUNDMTL AFAS 251 1 CREDIT  
9958005 1 R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTMD LDRSH LAB&TRN AFAS 303 2 CREDITS  
Satisfactory-Fail Only.  
7383005 1 MWR 6:30-7:30  
T 6:30-7:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AIR F LDRSHP STDI I AFAS 341 3 CREDITS  
1264005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## AIR FORCE AEROSPACE STUDIES (CONTINUED)

ADV LDRSHP LAB&TRNG AFAS 403 2 CREDITS  
Satisfactory-Fail Only.  
7388005 1 MWR 6:30-7:30  
T 6:30-7:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NAT SECURITY STUDIES AFAS 441 3 CREDITS  
1266005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SITUATION LDSHP LAB AFAS 483 2 CREDITS  
Prereq: AFAS 403  
Satisfactory-Fail Only.  
0619005 1 MWR 6:30-7:30  
T 6:30-7:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

**AMERICAN INDIAN STUDIES**

NATV PEOPL AM CULTR AM IN 201 3 CREDITS  
0181005 1 MWF 8:50-9:40 MCCLUNG J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

0181010 2 MWF 9:55-10:45 MCCLUNG J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

0181015 3 MWF 12:05-12:55 MCCLUNG J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

INTR AM INDIAN STDI AM IN 210 3 CREDITS  
Note: Meets U.S. diversity reqmt  
1506005 1 MWF 11:00-11:50 GUNDLACH-GRAHAM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1506010 2 TR 9:30-10:45 ARNDT G  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AMERIC INDIANS IOWA AM IN 225 3 CREDITS  
8441005 1 TR 11:00-12:15 BRAUN S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO AM INDIAN LIT AM IN 240 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
ENGL 150  
5612005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AMER INDIAN EDUCATN AM IN 312 3 CREDITS  
2149005 1 T 4:10-6:50PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PEOPL&CUL NATV N AM AM IN 322 3 CREDITS  
Prereq: ANTHR 201 OR AM IN 210  
1508005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

NATIVE AMER AGRI AM IN 327X 3 CREDITS  
Prereq: RECOMMENDED: AM IN 210  
2399005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY AM IN 490 VAR. CREDITS  
Prereq: 6 CREDITS IN AM IN; PERMISSION OF  
INSTRUCTOR; PERMISSION OF PROGRAM DIRECTOR  
Note: NO MORE THAN 6 CREDITS OF AM IN 490 MAY BE  
APPLIED TOWARD GRADUATION. IF MORE THAN 3 CREDITS  
IN AM IN 490 ARE TAKEN, THEY MUST BE FROM DIFFERENT  
INSTRUCTORS.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**AMERICAN SIGN LANGUAGE**

AMER SIGN LANGUAG I ASL 101 4 CREDITS  
9364005 1 MW 9:55-10:45  
TR 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

9364010 2 MW 11:00-11:50  
TR 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

## ANIMAL ECOLOGY

ECOLOGY A ECL 312 4 CREDITS  
 Prereq: BIOL 211; (BIOL 212 OR BIOL 251)  
 Note: 2-PART COURSE. REGISTER FOR A LECTURE SECTION  
 (LETTERED SECTIONS A,B) FIRST AND THEN A LAB SECTION  
 (NUMBERED SECTIONS 1-18). STUDENTS WHO DON'T REGISTER  
 FOR BOTH LECTURE AND LAB WILL BE DROPPED FROM THE  
 COURSE DUE TO INCOMPLETE REGISTRATION.

1061003 A TR 8:00-9:15 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061004 B TR 8:00-9:15 RUSSELL A  
 MEETS: AUG 21-DEC 15  
 Note: SECTION B IS TEAM BASED LEARNING  
 Course delivery is On-site instruction

1061005 1 M 7:45-10:35 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061010 2 M 8:50-11:40 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061015 3 M 11:00-2:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061020 4 M 12:05-2:55 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061025 5 M 2:15-5:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061030 6 M 3:20-6:10PM JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061040 7 T 10:00-1:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061045 8 T 12:10-3:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061050 9 T 1:10-4:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061055 10 T 3:10-6:00PM JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061060 11 R 3:10-6:00PM JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061065 12 W 8:50-11:40 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061070 13 W 11:00-2:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061075 14 W 12:05-2:55 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061080 15 W 2:15-5:05 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061085 16 W 3:20-6:10PM JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061090 17 R 10:00-12:50 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061095 18 R 12:10-3:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061100 19 W 7:45-10:45 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1061105 20 R 1:10-4:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FISHERIES TECHNIQS A ECL 333 2 CREDITS  
 Prereq: BIOL 212  
 4065005 1 T 1:10-2:00  
 M 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

VERTEBRATE BIOLOGY A ECL 365 4 CREDITS  
 Prereq: BIOL 211; BIOL 211L  
 1062005 1 MWF 8:50-9:40  
 T 6:00-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1062010 2 MWF 8:50-9:40  
 T 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1062015 3 MWF 8:50-9:40  
 T 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1062020 4 MWF 8:50-9:40  
 T 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1062025 5 MWF 8:50-9:40  
 W 9:55-11:45  
 MEETS: AUG 21-DEC 15

## ANIMAL ECOLOGY

(CONTINUED)

VERTEBRATE BIOLOGY A ECL 365 4 CREDITS  
 Note: Course delivery is On-site instruction  
 1062030 6 MWF 8:50-9:40  
 W 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1062035 7 MWF 8:50-9:40  
 W 3:20-5:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1062040 8 MWF 8:50-9:40  
 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1062045 9 MWF 8:50-9:40  
 R 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ECOLOGICAL METHODS A ECL 371 3 CREDITS  
 Prereq: A ECL 312; (STAT 101 OR STAT 104)  
 1073005 1 MW 12:05-12:55  
 R 11:00-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1073010 2 MW 12:05-12:55  
 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WILDLIFE CAMP A ECL 406 3 CREDITS  
 Prereq: BIOL 211; ANIMAL ECOLOGY MAJOR;  
 PERMISSION OF INSTRUCTOR  
 0405005 1 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: A FIELD-INTENSIVE, IMMERSIVE EXPERIENCE FOR  
 ANIMAL ECOLOGY MAJORS. INCLUDES TRAVEL TO FRENCH  
 CONSERVATION CAMP IN MONTANA FROM AUG 5-AUG 18.  
 FOLLOWED BY WEEKLY MEETINGS ON CAMPUS FOR THE FIRST  
 HALF OF FALL SEMESTER.  
 Instructor permission required.  
 Course delivery is On-site instruction

ECOL FRSHWTR INVERT A ECL 415 3 CREDITS  
 Prereq: A ECL 312  
 9449005 1 MW 9:55-10:45  
 T 9:30-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

STREAM ECOLOGY A ECL 418 3 CREDITS  
 Prereq: A ECL 486  
 2731005 1 TR 1:10-2:00  
 R 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ENTOMOLOGY FIELD TR A ECL 435 2 CREDITS  
 Prereq: BIOL 312; PERMISSION OF INSTRUCTOR  
 2152005 1 ARRANGED COURTNEY G  
 MEETS: AUG 5-18  
 Note: Course delivery is On-site instruction

FISHERY MANAGEMENT A ECL 440 3 CREDITS  
 Prereq: A ECL 312; A ECL 321; A ECL 333; (STAT  
 101 OR STAT 104); CREDIT OR CONCURRENT ENROLLMENT IN  
 A ECL 486  
 1076005 1 MW 8:50-9:40  
 W 2:15-5:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INT'L WILDLIFE ISSU A ECL 455 3 CREDITS  
 Prereq: A ECL 365; (A ECL 312 OR GRADUATE  
 STANDING); NREM 120  
 Note: Meets international perspectives reqmt  
 5165005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HERPETOLOGY A ECL 457 2 CREDITS  
 Prereq: BIOL 351 OR A ECL/BIOL 365  
 2751005 1 MW 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HERPETOLOGY LAB A ECL 457L 1 CREDIT  
 Prereq: BIOL 351 OR BIOL 365 OR A ECL 365;  
 CONCURRENT REGISTRATION IN BIOL 457 OR A ECL 457  
 7948005 1 T 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7948010 2 T 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## ANIMAL ECOLOGY

(CONTINUED)

AQUATIC ECOLOGY A ECL 486 3 CREDITS

Prereq: BIOL 312 OR ENSCI 319 OR ENSCI 402 OR NREM 301

1074005 1 TR 9:30-10:45 LOEWEN C  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

AQUATIC ECOLOGY LAB A ECL 486L 1 CREDIT

Prereq: CONCURRENT ENROLLMENT IN BIOL 486 OR A ECL 486 OR ENSCI 486

1512005 1 T 12:10-3:00  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1512010 2 T 3:10-6:00PM  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

ECOL FRSHWTR INVERT A ECL 515 3 CREDITS

Prereq: A ECL 312  
1090005 1 MW 9:55-10:45  
T 9:30-12:20

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

STREAM ECOLOGY A ECL 518 3 CREDITS

Prereq: A ECL 486

Note: Instructor permission required 1st week.

8126005 1 TR 1:10-2:00  
R 2:10-5:00  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

FISHRY MANAGEMENT A ECL 540 3 CREDITS

Prereq: A ECL 312; A ECL 321; A ECL 333; (STAT 101 OR STAT 104); CREDIT OR CONCURRENT ENROLLMENT IN A ECL 486

1101005 1 MW 8:50-9:40  
W 2:15-5:05  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

AQUATIC ECOLOGY A ECL 586 3 CREDITS

Prereq: BIOL 312 OR ENSCI 319 OR ENSCI 402 OR NREM 301

0783005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

AQUATIC ECOLOGY LAB A ECL 586L 1 CREDIT

Prereq: CONCURRENT ENROLLMENT IN A ECL 586 OR ENSCI 586 OR EEOB 586

0681005 1 T 12:10-3:00  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

0681010 2 T 3:10-6:00PM  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

CREATIVE COMPONENT A ECL 599 VAR. CREDITS

Prereq: NONTHESIS M.S. OPTION ONLY

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TEACHING PRACTICUM A ECL 698 1- 3 CREDITS

Prereq: GRADUATE CLASSIFICATION IN ANIMAL ECOLOGY AND PERMISSION OF INSTRUCTOR

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH A ECL 699 VAR. CREDITS

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ANIMAL SCIENCE

WORKNG WITH ANIMALS AN S 101 2 CREDITS

1527005 1 T 12:40-1:30  
F 7:45-9:35  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1527010 2 T 12:40-1:30  
F 9:55-11:45  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1527015 3 T 12:40-1:30  
F 12:05-1:55  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1527020 4 T 12:40-1:30  
F 2:15-4:05  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1527025 5 W 1:10-2:00  
F 7:45-9:35  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1527030 6 W 1:10-2:00  
F 9:55-11:45  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1527035 7 W 1:10-2:00  
F 12:05-1:55  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1527040 8 W 1:10-2:00  
F 2:15-4:05  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

## ANIMAL SCIENCE

(CONTINUED)

WORKNG WITH ANIMALS AN S 101 2 CREDITS

Note: Course delivery is On-site instruction

ORIENTATION IN AN S AN S 110 1 CREDIT

Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS

1518005 1 T 2:10-3:00  
R 2:10-3:00  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1518010 2 T 2:10-3:00  
R 3:10-4:00  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1518015 3 T 3:10-4:00  
R 2:10-3:00  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1518020 4 T 3:10-4:00  
R 3:10-4:00  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

SURVEY ANIMAL INDUS AN S 114 2 CREDITS

1519005 1 MW 7:45-8:35  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

PRA SAFE EQUIN HNDL AN S 116 1 CREDIT

9373005 1 TR 2:10-4:00  
MEETS: OCT 16-DEC 15

Note: Course delivery is On-site instruction

LVSTCK HANDL,SAFE,W AN S 190 2 CREDITS

Prereq: AN S 101  
2885005 1 M 12:05-2:55  
F 12:05-1:55  
MEETS: OCT 16-DEC 15

Note: Instructor permission required.

Course delivery is On-site instruction

LVSTOCK ART&amp;HERITAG AN S 207 3 CREDITS

9478005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

CAREER PREP AN SCI AN S 210 1 CREDIT

Prereq: SOPHOMORE CLASSIFICATION; AN S MAJOR

1621005 1 ARRANGED  
MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

1621010 2 ARRANGED  
MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

ISSUES FACING AN S AN S 211 1 CREDIT

Prereq: AN S 114; SOPHOMORE CLASSIFICATION

Satisfactory-Fail Only.

1542005 1 T 3:10-5:00  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

DOMEST ANIM PHYSIOL AN S 214 3 CREDITS

Prereq: BIOL 212; (CHEM 163 OR CHEM 167 OR CHEM 177)

1521005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1521010 2 ARRANGED  
MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

DOM AN ANAT&amp;PHY LAB AN S 214L 1 CREDIT

1545005 1 R 8:00-9:50  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1545010 2 R 10:00-11:50  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1545015 3 T 8:00-9:50  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1545020 4 T 10:00-11:50  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1545025 5 T 10:00-11:50  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

1545030 6 R 10:00-11:50  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

EQUINE SCIENCE AN S 216 3 CREDITS

Prereq: (AN S 101 OR AN S 114); (BIOL 101 OR BIOL 211 OR BIOL 212)

4825005 1 TR 9:30-10:20  
M 9:55-11:45  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

4825010 2 TR 9:30-10:20  
M 12:05-1:55  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

4825015 3 TR 9:30-10:20  
M 2:15-4:05  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Note: Course delivery is On-site instruction

## ANIMAL SCIENCE

(CONTINUED)

EQUINE FARM PRACTCM AN S 217 2 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN AN S 216 OR PERMISSION OF INSTRUCTOR  
1690005 1 ARRANGED  
T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

POULTRY SCIENCE AN S 223 3 CREDITS  
Prereq: AN S 101; AN S 114  
Note: SEC A1 RESTRICTED TO AN S, DY S, GENPV MAJORS  
SEC A2 RESTRICTED TO MAJORS OTHER THAN AN S, DY S  
GENPV  
1695005 A1 MW 11:00-11:50  
T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1695010 A2 MW 11:00-11:50  
T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMPANION ANIM SCI AN S 224 3 CREDITS  
Prereq: BIOL 101 OR BIOL 211 OR BIOL 212  
8087005 1 MW 2:15-3:05  
T 12:10-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8087010 2 MW 2:15-3:05  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8087015 3 MW 2:15-3:05  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SWINE SCIENCE AN S 225 3 CREDITS  
Prereq: AN S 101; AN S 114  
Note: SEC A1,B1,ETC. RESTRICTED TO AN S, DY S MAJORS.  
SEC A2,B2,ETC. RESTRICTED TO MAJORS OTHER THAN AN S,  
DY S. EITHER AN S 225 OR THE AN S 280 AND AN S 280L  
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD  
GRADUATION  
1725005 A1 MF 9:55-10:45  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1725010 A2 MF 9:55-10:45  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1725015 B1 MF 9:55-10:45  
W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1725020 B2 MF 9:55-10:45  
W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1725025 C1 MF 9:55-10:45  
W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1725030 C2 MF 9:55-10:45  
W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1725035 D1 MF 9:55-10:45  
W 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1725040 D2 MF 9:55-10:45  
W 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BEEF CATTLE SCIENCE AN S 226 3 CREDITS  
Prereq: AN S 101; AN S 114  
Note: SEC A1,B1,ETC. RESTRICTED TO AN S, DY S MAJORS.  
SEC A2,B2,ETC. RESTRICTED TO MAJORS OTHER THAN AN S,  
DY S.  
1726005 A1 MW 8:50-9:40  
R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1726010 A2 MW 8:50-9:40  
R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1726015 B1 MW 8:50-9:40  
R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1726020 B2 MW 8:50-9:40  
R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1726025 C1 MW 8:50-9:40  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1726030 C2 MW 8:50-9:40  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ANIMAL SCIENCE

(CONTINUED)

BEEF CATTLE SCIENCE AN S 226 3 CREDITS  
1726035 D1 MW 8:50-9:40  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1726040 D2 MW 8:50-9:40  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DAIRY CATTLE SCIENC AN S 235 3 CREDITS  
Prereq: AN S 101; AN S 114  
1523005 1 TR 1:10-2:00  
W 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1523010 2 TR 1:10-2:00  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1523015 3 TR 1:10-2:00  
W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1523020 4 TR 1:10-2:00  
W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOODS ANIMAL ORIGIN AN S 270 2 CREDITS  
Prereq: BIOL 212; (CHEM 163 OR CHEM 167 OR CHEM 177)  
1524010 1 TR 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOODS ANIM ORIG LAB AN S 270L 1 CREDIT  
Prereq: CREDIT OR CURRENT ENROLLMENT IN AN S 270  
7169005 1 W 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7169010 2 W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7169015 3 W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BASIC SWINE SCIENCE AN S 280 2 CREDITS  
Prereq: AN S 101; AN S 114  
Note: EITHER AN S 225 OR THE AN S 280/280X AND  
AN S 280L PAIR OF COURSES, BUT NOT BOTH, MAY  
BE APPLIED TOWARD GRADUATION  
9409700 F ARRANGED GREINER L  
MEETS: AUG 21-DEC 1  
Note: SEC F CONTACT GPIDEA COORDINATOR TO ENROLL.  
IOWASTATEONLINE@IASTATE.EDU, 800-747-4478  
Course delivery is On-site instruction  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>  
9409705 H ARRANGED GREINER L  
MEETS: AUG 21-DEC 1  
Note: SEC H CONTACT GPIDEA COORDINATOR TO ENROLL. OLL  
IOWASTATEONLINE@IASTATE.EDU, 800-747-4478  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

LIVESTOCK EVALUATN AN S 305 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
1526005 1 TR 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANIML EXERC PHYSIOL AN S 313 3 CREDITS  
Prereq: AN S 214; BIOL 211; (CHEM 163 OR CHEM 167 OR CHEM 177)  
9447005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

FND HORSE HLTR TRNG AN S 317A 1- 3 CREDITS  
Note: NO MORE THAN 4 CREDITS OF AN S 317 MAY BE  
APPLIED TOWARD GRADUATION. COURSE ONLY OFFERED  
FOR 1 CREDIT FALL 2022.  
9192005 1 TR 2:10-4:00  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

FND EQUINE TRN YRLG AN S 317B 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF AN S 317 MAY BE  
APPLIED TOWARD GRADUATION  
9194005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ANIMAL SCIENCE

(CONTINUED)

ANIMAL NUTRITION AN S 319 3 CREDITS  
Prereq: AN S 214; (BBMB 221 OR CHEM 331)  
Note: STUDENTS MAY NOT RECEIVE GRADUATION CREDIT FOR BOTH AN S 219 AND AN S 319  
1529005 1 TR 8:00-9:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANIML FEEDS&FEEDING AN S 320 3 CREDITS  
Prereq: AN S 319  
Note: STUDENTS MAY NOT RECEIVE GRADUATION CREDIT FOR BOTH AN S 219 AND AN S 320  
1635005 1 TR 9:30-10:20  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1635010 2 TR 9:30-10:20  
F 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1635015 3 TR 9:30-10:20  
F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOOD PRC CMPAN ANIM AN S 324 3 CREDITS  
Prereq: AN S 319; JUNIOR CLASSIFICATION  
9443005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DOMSTC ANIM REPRODU AN S 331 3 CREDITS  
Prereq: AN S 214; (BIOL 255; BIOL 256) OR BIOL 335 OR B M S 329  
1531005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EMBRYO TRANSFER&TCH AN S 333 3 CREDITS  
Prereq: AN S 331 OR AN S 332  
4617005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EMBRYO TRANSFER LAB AN S 334 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN AN S 332 OR AN S 333; PERMISSION OF INSTRUCTOR  
5088005 1 F 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

DOMESTC ANIM BEHAVR AN S 336 3 CREDITS  
Prereq: AN S 214  
1938005 1 TR 11:00-11:50  
W 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1938010 2 TR 11:00-11:50  
W 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GENET IMPRV DOM ANI AN S 352 3 CREDITS  
Prereq: BIOL 211; (AN S 351X OR BIOL 313 OR GEN 320); (STAT 101 OR STAT 104)  
1534010 1 MW 9:55-10:45  
T 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1534015 2 MW 9:55-10:45  
T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1534005 3 MW 9:55-10:45  
T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FRSH MEAT MUSCL BIO AN S 360 3 CREDITS  
Prereq: AN S 270; (BBMB 221 OR CHEM 331)  
1536005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EMPLY MGT SWIN INDU AN S 380C 1 CREDIT  
Prereq: AN S 225 OR (AN S 280; AN S 280L)  
7354700 F ARRANGED WOOD C  
MEETS: AUG 21-DEC 1  
Note: SEC F CONTACT GPIDEA COORDINATOR TO ENROLL.  
IOWASTATEONLINE@IASTATE.EDU, 800-747-4478  
Course delivery is On-site instruction  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
7354705 H ARRANGED WOOD C  
MEETS: AUG 21-DEC 1  
Note: SEC H CONTACT GPIDEA COORDINATOR TO ENROLL.  
IOWASTATEONLINE@IASTATE.EDU, 800-747-4478  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

## ANIMAL SCIENCE

(CONTINUED)

SWIN FEED MILL MGT AN S 380E 1 CREDIT  
Prereq: AN S 225 OR (AN S 280; AN S 280L)  
7363700 G ARRANGED  
MEETS: AUG 21-DEC 1  
Note: SEC G CONTACT GPIDEA COORDINATOR TO ENROLL.  
IOWASTATEONLINE@IASTATE.EDU, 800-747-4478  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

SWINE NUTRITION AN S 380K 1 CREDIT  
Prereq: AN S 225 OR (AN S 280; AN S 280L); AN S 319  
7452700 G ARRANGED  
MEETS: AUG 21-DEC 1  
Note: SEC G CONTACT GPIDEA COORDINATOR TO ENROLL.  
IOWASTATEONLINE@IASTATE.EDU, 800-747-4478  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

SWINE ENVIRONMT MGT AN S 382 1 CREDIT  
Prereq: AN S 225 OR (AN S 280; AN S 280L)  
9688700 F ARRANGED HARMON J  
MEETS: AUG 21-DEC 1  
Note: SEC F CONTACT GPIDEA COORDINATOR FOR STEPS TO ENROLL:  
IOWASTATEONLINE@IASTATE.EDU, 800-747-4478  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
9688705 H ARRANGED HARMON J  
MEETS: AUG 21-DEC 1  
Note: SEC H CONTACT GPIDEA COORDINATOR FOR STEPS TO ENROLL:  
IOWASTATEONLINE@IASTATE.EDU, 800-747-4478  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
1538005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SUPERV'D INTERNSHIP AN S 399B R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
2258005 1 ARRANGED  
MEETS: AUG 21-DEC 15

ISSUES ANIMAL SCIEN AN S 411 1 CREDIT  
Prereq: SENIOR CLASSIFICATION; AN S MAJOR  
1713005 1 T 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EQUINE SYSTEMS MGMT AN S 415 3 CREDITS  
Prereq: AN S 216; AN S 319; AN S 320; AN S 331  
8779005 1 TR 12:40-1:30  
W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV ANIML NUTRITION AN S 419 2 CREDITS  
Prereq: AN S 319  
1756005 1 TR 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMPAN ANIM SYS MGT AN S 424 3 CREDITS  
Prereq: AN S 224; AN S 319; AN S 320; AN S 331;  
AN S 352  
1803005 1 MW 8:50-9:40  
T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SWINE SYSTEMS MGMT AN S 425 3 CREDITS  
Prereq: (AN S 225; AN S 270; AN S 270L; AN S 319;  
AN S 320; AN S 331; AN S 352) OR PERMISSION OF INSTRUCTOR  
1549005 1 MF 1:10-2:00  
W 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1549010 2 MF 1:10-2:00  
W 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1549015 3 MF 1:10-2:00  
W 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1549020 4 MF 1:10-2:00  
W 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ANIMAL SCIENCE (CONTINUED)

BEEF CATTLE SYS MGT AN S 426 3 CREDITS  
Prereq: (AN S 226; AN S 270; AN S 270L; AN S 320) OR PERMISSION OF INSTRUCTOR  
1550005 1 MW 7:45-8:35  
T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DAIRY SYSTEMS MGMT AN S 434 3 CREDITS  
Prereq: AN S 235; AN S 331; AN S 320; AN S 337; AN S 352  
1552005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

JUDGING MEAT ANIMAL AN S 475A 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION  
1556005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

JUDGNG DAIRY CATTLE AN S 475B 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION  
1557005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

JUDGING MEATS AN S 475C 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION  
1558005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1558010 2 R 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: SEC 2: NOVICE, OFFERED FOR 1 CREDIT ONLY.  
Course delivery is On-site instruction

PLTRY IND LDR FELLW AN S 480G 1 CREDIT  
Prereq: AN S 223; PERMISSION OF INSTRUCTOR Satisfactory-Fail Only.  
8811005 1 W 4:20-5:10, ARRANGED  
MEETS: AUG 21-DEC 15

IND STDY ANIMAL SCI AN S 490A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY DAIRY SCI AN S 490B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY MEAT SCI AN S 490C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CMPANION AN AN S 490D 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU POULTRY SCI AN S 490G 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AN S 490H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: A MAXIMUM OF 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TEACHNG EXPRNC AN S AN S 497 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF AN S 497 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SURVEY ANIM DISCIPL AN S 501 1 CREDIT  
Prereq: REQUIRED FOR ANIMAL SCIENCE GRAD STUDENTS Satisfactory-Fail Only.  
1678005 1 M 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ANIMAL SCIENCE (CONTINUED)

INTEG CROP&LVSTK SY AN S 515 3 CREDITS  
Prereq: SUSAG 509  
2263005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GUT MICROBIOME:HLTH AN S 517 3 CREDITS  
Prereq: 2-3 CREDITS IN MICROBIOLOGY AND/OR IMMUNOLOGY  
7735005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV VERTB PHYSIOL I AN S 549 4 CREDITS  
Prereq: RECOMMENDED: AN UNDERGRADUATE PHYSIOLOGY COURSE AND A BIOCHEMISTRY COURSE  
7196005 1 TR 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

POP&QUANT GEN BREED AN S 561 4 CREDITS  
Prereq: STAT 587  
6459005 1 TR 8:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6459010 2 TR 8:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ADV PROCSD MEAT TEC AN S 563 3 CREDITS  
Prereq: AN S 270 OR EQUIVALENT; OR AT LEAST TWO UNDERGRADUATE COURSES IN BIOLOGY, FOOD SCIENCE, MICROBIOLOGY OR CULINARY  
Note: COURSE PROCTOR WILL BE NEEDED  
0612005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ADV MEAT PROCESSING AN S 571 3 CREDITS  
Prereq: AN S 460 OR AN S 570  
1579005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPL TOP AN BREEDING AN S 590A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANIMAL NUTR AN S 590B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEAT AN PRO AN S 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCI AN S 590E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHYS REPROD AN S 590F 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POULTR PROD AN S 590I 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROF TOPICS AN S 590K 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING AN S 590L 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ETHOLOGY AN S 590N 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP AN BREEDG AN S 599A 1- 8 CREDITS  
Prereq: NONTHESIS M.S. STATUS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP ANI NUTRI AN S 599B 1- 8 CREDITS  
Prereq: NONTHESIS M.S. STATUS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP AN PHYSIOL AN S 599C 1- 8 CREDITS  
Prereq: NONTHESIS M.S. STATUS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO ANIM SCI AN S 599D 1- 8 CREDITS  
Prereq: NONTHESIS M.S. STATUS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



## ANIMAL SCIENCE

(CONTINUED)

CRTV COMPO MEAT SCI AN S 599E 1- 8 CREDITS  
Prereq: NONTHESIS M.S. STATUS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ANIML NUTRITION SEM AN S 603 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
1591005 1 M 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEMNR ANIMAL REPROD AN S 633 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
1596005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

APPL AN BREED STRAT AN S 653 3 CREDITS  
Prereq: AN S 561 RECOMMENDED  
0096005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEM AN BREEDG&GENET AN S 658 1 CREDIT  
7083005 1 F 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANIMAL BREEDING RES AN S 699A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ANIMAL NUTRI RESRCH AN S 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MEAT ANIM PRODU RES AN S 699C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DAIRY PROD RESEARCH AN S 699D VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MEAT SCIEN RESEARCH AN S 699E VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

REPROD PHYSOL RSRCH AN S 699F VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSCLE BIOLGY RSRCH AN S 699G VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

POULTRY NUTRI RSRCH AN S 699H VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ANIM ETHOLOGY RSRCH AN S 699J VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ANTHROPOLOGY

INTRO CULTURL ANTHR ANTHR 201 3 CREDITS  
Note: Meets international perspectives reqmt  
1615005 1 MW 9:55-10:45  
W 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1615010 2 MW 9:55-10:45  
W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1615015 3 MW 9:55-10:45  
W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1615020 4 MW 9:55-10:45  
W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1615025 5 MW 9:55-10:45  
R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1615030 6 MW 9:55-10:45  
R 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1615035 7 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

1615040 8 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

1615045 9 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

1615050 10 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

1615055 11 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

1615060 12 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

## ANTHROPOLOGY

(CONTINUED)

HUMAN ORIGINS ANTHR 202 3 CREDITS  
1616005 1 MW 11:00-11:50  
R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1616010 2 MW 11:00-11:50  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1616015 3 MW 11:00-11:50  
R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1616020 4 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

1616025 5 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

AMERIC INDIANS IOWA ANTHR 225 3 CREDITS  
8442005 1 TR 11:00-12:15 BRAUN S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GLOBALZAT&HUMN COND ANTHR 230 3 CREDITS  
Note: Meets international perspectives reqmt  
7017005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

7017010 2 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

7017015 3 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

7017020 4 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

ARCHAEOLOGY ANTHR 308 3 CREDITS  
Prereq: ANTHR 202  
Note: Instructor permission required 1st week.  
1619005 1 MW 9:55-10:45  
F 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1619010 2 MW 9:55-10:45  
F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1619015 3 MW 9:55-10:45  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1619020 4 MW 9:55-10:45  
F 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO CULTUR&LANGUA ANTHR 309 3 CREDITS  
Note: Meets international perspectives reqmt  
1620005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

PRIMATE BEH,ECO,EVO ANTHR 317 3 CREDITS  
1129005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WORLD PREHISTORY ANTHR 321 3 CREDITS  
2083005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PEOPL&CUL NATV N AM ANTHR 322 3 CREDITS  
Prereq: AM IN 210 OR ANTHR 201  
1626005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

CULTURE& CAPITALISM ANTHR 336 3 CREDITS  
Prereq: ANTHR 201 OR ANTHR 306  
Note: Meets international perspectives reqmt  
3366005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MAGIC,WITCHC,&RELIG ANTHR 340 3 CREDITS  
Prereq: ANTHR 201 OR ANTHR 306  
Note: Meets international perspectives reqmt  
1634005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ANTHROPOLOGY

(CONTINUED)

UNDR SUB-SAH AFRICA ANTHR 355 3 CREDITS  
Prereq: SOPHOMORE STATUS OR AF AM 201, ANTHR 201, 230  
Note: Meets international perspectives reqmt  
0961005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ROMN ARCHAEOLOGY ANTHR 376C 3 CREDITS  
Note: Meets international perspectives reqmt  
1151005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERNSHIP ARCHAEOLOGY ANTHR 434A 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE  
MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434  
MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS  
FOR THE MAJOR OR FOR THE ANTHR MINOR.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP CULTURAL ANTHR 434B 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE  
MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434  
MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS  
FOR THE MAJOR OR FOR THE ANTHR MINOR.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP BIOLOGICAL ANTHR 434C 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE  
MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434  
MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS  
FOR THE MAJOR OR FOR THE ANTHR MINOR. OFFERED FOR  
2 CREDITS FALL 2022.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LINGUISTIC ANTHR 434D 1- 6 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE  
MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434  
MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS  
FOR THE MAJOR OR FOR THE ANTHR MINOR. OFFERED FOR 2  
CREDITS FALL 2022.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPROACHES IN ANTHR ANTHR 450 3 CREDITS  
Prereq: ANTHR 306  
6249005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRACTICUM ARCHAEOLOGY ANTHR 451A 1- 3 CREDITS  
Prereq: ANTHR 201 OR ANTHR 202 OR ANTHR 308;  
PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM CULTURAL ANTHR 451B 1- 3 CREDITS  
Prereq: ANTHR 201 OR ANTHR 202 OR ANTHR 308;  
PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM LINGUISTIC ANTHR 451D 1- 3 CREDITS  
Prereq: ANTHR 201 OR ANTHR 202 OR ANTHR 308;  
PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY ARCHAEOLOGY ANTHR 490A 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHR; PERMISSION OF N OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CULTURAL ANTHR ANTHR 490B 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHR; PERMISSION OF N OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ANTHROPOLOGY

(CONTINUED)

IND STU BIOL ANTHRO ANTHR 490C 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHR; PERMISSION OF N OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY LING ANTHR ANTHR 490D 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHR; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF ANTHR 490/LING 490D  
MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ANTHR 490H 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHR; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO  
STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

BIOLOG ANTHRO&ARCHAE ANTHR 503 3 CREDITS  
Prereq: ANTHR 307, ANTHR 308  
Note: Instructor permission required 1st week.  
1646005 1 W 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WORLD PREHISTORY ANTHR 521 3 CREDITS  
2088005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PEOPLE&CUL NATV N AM ANTHR 522 3 CREDITS  
Prereq: ANTHR 201 OR AM IN 210  
8365005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

CULTURE & CAPITALISM ANTHR 536 3 CREDITS  
Prereq: ANTHR 201 OR ANTHR 306  
3464005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MAGIC, WITCHC, & RELIG ANTHR 540 3 CREDITS  
Prereq: ANTHR 201 OR ANTHR 306  
Note: Meets international perspectives reqmt  
7687005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CREATIVE COMPONENT ANTHR 599 1- 5 CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
MAJOR PROFESSOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOUND SUSTAINABLE AG ANTHR 610 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
Note: COURSE IS FOR SUSAG MAJORS. NON-MAJORS BY  
PERMISSION OF THE INSTRUCTOR.  
7585005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH ANTHR 699 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**APPAREL, EVENTS & HOSPITALITY MGMT**

PROFESS DEVELOPMENT AESHM 111 1 CREDIT  
0746005 1 M 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO A M D, EVENT, OR HSP M MAJORS  
Course delivery is On-site instruction

ORIENT, LRNING, L COM AESHM 111L 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT OR CREDIT IN AESHM  
111  
0654005 1 W 8:50-9:40, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SECTION 1 RESTRICTED TO A M D MAJORS  
Course delivery is On-site instruction

0654010 2 W 11:00-11:50  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SECTION 2 RESTRICTED TO EVENT AND HSP M MAJORS  
Course delivery is On-site instruction

0654015 3 W 9:55-10:45, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 3 RESTRICTED TO TRANSFER STUDENTS IN  
A M D, HSP M AND EVENT MAJORS  
Course delivery is On-site instruction

## APPAREL, EVENTS &amp; HOSPITALITY MGMT (CONTINUED)

SUPV WRK EXP I:HSPY AESHM 170D 1 CREDIT  
Prereq: ADVISOR PERMISSION REQUIRED  
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required.  
Satisfactory-Fail Only.  
1107005 1 ARRANGED  
MEETS: AUG 21-DEC 15

LDRSH EXP RNC&DEVEL AESHM 211 3 CREDITS  
9596005 1 MW 1:10-2:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HUMAN RESOURCE MGMT AESHM 238 3 CREDITS  
Prereq: A M D 275 OR AESHM 270, OR CREDIT OR ENROLLMENT IN AESHM 287; SOPHOMORE CLASSIFICATION  
Note: COOURSE RESTRICTED TO A M D, EVENT OR HSP M MAJORS ONLY  
2923005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SUP WRK EXP II:HSPY AESHM 270D 1- 2 CREDITS  
Prereq: 6 CREDITS IN AESHM OR HSP M, CREDITS IN AESHM 170, MINIMUM 2.0 GPA, ADVISOR PERMISSION REQUIRED, SOPHOMORE CLASSIFICATION  
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required.  
1132005 1 ARRANGED  
MEETS: AUG 21-DEC 15

PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS  
Note: CREDIT IN HRI 391 MAY NOT BE APPLIED TOWARD THE DEGREE REQUIREMENTS FOR THE MAJOR IN HOSPITALITY MANAGEMENT. CREDIT FOR EITHER HRI 391, OR AESHM 287 AND AESHM 438, BUT NOT 391 IN COMBINATION WITH EITHER 287 OR 438, MAY BE APPLIED TOWARD GRADUATION.  
4608005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SEM CAREERS:EVENT&H AESHM 311E 1 CREDIT  
Prereq: AESHM 111, SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO EVENT, HSP M MAJORS  
1517005 1 W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEM CAREERS:APPAREL AESHM 311N 1 CREDIT  
Prereq: AESHM 111, SOPHOMORE CLASSIFICATION  
1624005 1 T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO A M D MAJORS  
Course delivery is On-site instruction

HSPTY&APPARL MARKTG AESHM 340 3 CREDITS  
Prereq: ECON 101  
2921005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

AESTHTCS CNSMR EXPC AESHM 342 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
4609005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVE EDUCATN AESHM 398 R CREDIT  
Prereq: PERMISSION OF ADVISOR; JR CLASSIFICATN  
1002005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 FOR STUDENTS GOING TO DISNEY

INTERNSHP EVENT MGT AESHM 470F 3- 6 CREDITS  
Prereq: PERMISSION BY APPLICATION; JUNIOR CLASSIFICATION  
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO EVENT JUNIORS AND SENIORS. MAXIMUM OF 6 CREDITS GIVEN IN A SEMESTER.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTRN EVENT MGT-OUT AESHM 470M 3- 6 CREDITS  
Prereq: AESHM 311; 9 CREDITS IN A M D, & MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; EMPLOYER/LOCATION SHOULD BE DIFFERENT THAN EMPLOYER/LOCATION FOR AESHM 170 AND 270.  
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, 270, AND 470 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## APPAREL, EVENTS &amp; HOSPITALITY MGMT (CONTINUED)

INTERNSHIP APPAREL AESHM 470N 3- 6 CREDITS  
Prereq: AESHM 311, 9 CREDITS IN A M D, MIN 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR EMPLOYER/EXPERIENCE SHOULD BE DIFFERENT THAN EMPLOYER/EXPERIENCE USED FOR AESHM 170 AND 270  
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FASHION SHOW MGT AESHM 472 2- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 5 CREDITS OF AESHM 472 MAY BE APPLIED TOWARD GRADUATION  
1872005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 1 OFFERED FOR 2 CREDITS  
Instructor permission required.  
Course delivery is On-site instruction

ENTREPRNR HUMAN SCI AESHM 474 3 CREDITS  
Prereq: A M D 275 OR AESHM 287 OR ACCT 284 OR 3 CREDITS IN MKT OR PERMISSION OF INSTRUCTOR  
4618005 1 TR 6:30-7:50PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEP STUDY: HONORS AESHM 490H 2- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTR SCHOLARLY RSCH AESHM 501 1 CREDIT  
Satisfactory-Fail Only.  
0738005 1 ARRANGED  
MEETS: AUG 21-OCT 13  
Note: Course delivery is WWW

ENTREPRNR HUMAN SCI AESHM 574 3 CREDITS  
Prereq: A M D 275 OR AESHM 287 OR ACCT 284 OR 3 CREDITS IN MKT OR PERMISSION OF INSTRUCTOR  
4895005 1 F 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TCHG PRACTCM APPARL AESHM 670A 1- 3 CREDITS  
Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA; PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TCHG PRCTCM HSPTLTY AESHM 670B 1- 3 CREDITS  
Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA; PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**APPAREL, MERCHANDISING, AND DESIGN**

APPARL ASSEMBL PROC A M D 121 4 CREDITS  
Prereq: ENROLLMENT IN A M D 204 RECOMENDED  
Note: COURSE RESTRICTED TO A M D & FCEDS MAJORS ONLY  
6602005 1 TR 8:00-8:50  
TR 9:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FASHION PRODCTS&MKT A M D 131 3 CREDITS  
8338005 1 M 9:55-10:45, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8338010 2 W 9:55-10:45, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8338015 3 F 9:55-10:45, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DRESS&DIV US SOCIE A M D 165 3 CREDITS  
Note: Meets U.S. diversity reqmt  
6603005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INTR APPRL DSN STDO A M D 178 3 CREDITS  
Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
8923005 1 MWF 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8923010 2 MWF 1:10-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TEXTILE SCIENCE A M D 204 4 CREDITS  
Prereq: A M D 131  
6604005 1 TR 2:10-3:25  
F 1:10-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6604010 2 TR 2:10-3:25  
W 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6604015 3 TR 2:10-3:25  
F 3:20-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

HONORS TEXTILE SCI A M D 204H 4 CREDITS  
 Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY  
 HONORS PROGRAM ONLY  
 7590005 1 TR 2:10-3:25  
 F 1:10-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7590010 2 TR 2:10-3:25  
 W 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CPR APP DIGTL DSIGN A M D 210 3 CREDITS  
 Prereq: A M D 245  
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
 5087005 1 T 3:40-5:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PATTRNMAK I:DRFT&FL A M D 225 3 CREDITS  
 Prereq: A M D 121, A M D 204, A M D 206.  
 PERMISSION OF INSTRUCTOR.  
 Note: COURSE IS RESTRICTED TO A M D MAJORS ONLY  
 6607005 1 MWF 7:45-9:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRODUCT DEVELOP&MFG A M D 231 4 CREDITS  
 Prereq: A M D 204  
 6608005 1 MWF 4:25-5:15  
 W 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY  
 Course delivery is On-site instruction

6608010 2 MWF 4:25-5:15  
 F 8:50-10:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AESTHETC&BRAND IMAG A M D 245 3 CREDITS  
 Prereq: A M D 131, A M D 165; CREDIT OR  
 ENROLLMENT IN A M D 204  
 6609005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RETAIL MERCHANDISING A M D 275 3 CREDITS  
 Prereq: 3 CREDITS IN MATH  
 2853005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FASHION ILLUSTRATN A M D 278 3 CREDITS  
 Prereq: A M D 178, A M D 210 OR CONCURRENT  
 ENROLLMENT, A M D 245 OR CONCURRENT ENROLLMENT,  
 PERMISSION OF INSTRUCTOR  
 Note: COURSE IS RESTRICTED TO A M D MAJORS ONLY  
 6611005 1 MWF 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

STYLING A M D 288 3 CREDITS  
 Prereq: A M D 131, A M D 275  
 0990005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TEXTL&AP QUAL ASSUR A M D 305 3 CREDITS  
 Prereq: A M D 231; ONE COURSE IN NATURAL SCIENCE  
 (CHEMISTRY WITH LAB PREFERRED); STAT 101, OR STAT  
 STAT 226, OR STAT 587.  
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
 6614005 1 TR 12:10-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CPR-AID PATTRNMAKNG A M D 310 3 CREDITS  
 Prereq: A M D 210, A M D 225; PERMISSION OF  
 INSTRUCTOR  
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
 1142005 1 MW 2:15-4:05, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CPTR INTEGRAT DSIGN A M D 321 3 CREDITS  
 Prereq: A M D 210, CREDIT OR ENROLLMENT IN  
 A M D 278, INSTRUCTOR PERMISSION  
 6605005 1 MWF 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PATTRNMAK II:DRAPNG A M D 325 3 CREDITS  
 Prereq: A M D 206, A M D 225, INSTRUCTOR PERMISSN  
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
 7199005 1 MWF 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

DRSS HST:PRH-MD 19C A M D 354 3 CREDITS  
 Note: Meets international perspectives reqmt  
 6620005 1 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SOURCNG&GLOBAL ISSU A M D 372 3 CREDITS  
 Prereq: A M D 231, A M D 275. RECOMMEND ECON 101  
 OR ECON 102.  
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
 Meets international perspectives reqmt  
 8133005 1 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HONORS SOURCNG&GLBL A M D 372H 3 CREDITS  
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS  
 PROGRAM MEMBERS ONLY  
 Meets international perspectives reqmt  
 6632005 1 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MERCHDS PLAN&BUYING A M D 376 4 CREDITS  
 Prereq: A M D 275; COM S 113; 3 CREDITS FROM  
 ACCT 284, MATH 104, MATH 105, MATH 140, MATH 150,  
 OR EQUIVALENT  
 Note: 'ARRANGED' IN THE TIME FIELD REPRESENTS WW  
 DELIVERY. OTHER TIMES WILL MEET IN CLASSROOMS.  
 COURSE RESTRICTED TO A M D MAJORS ONLY  
 6625005 1 TR 11:00-11:50  
 ARRANGED, T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6625010 2 TR 11:00-11:50  
 ARRANGED, R 9:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

VISUAL PRESNTN&PRMO A M D 377 3 CREDITS  
 Prereq: A M D 245 OR AESHM 342; A M D 210,  
 AESHM 340 OR MKT 340  
 6626005 1 MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TREND FORECASTING A M D 388 3 CREDITS  
 Prereq: A M D 204, A M D 245, A M D, 275,  
 3 CREDITS FROM ACCT 284, MATH 104, MATH 105,  
 MATH 140, MATH 150, OR EQUIVALENT.  
 2458005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TCHNICL DESIGN PROC A M D 415 3 CREDITS  
 Prereq: A M D 225; A M D 231  
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
 4154005 1 TR 8:00-9:15, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CONSUMR STDI APPARL A M D 467 3 CREDITS  
 Prereq: A M D 165; AESHM 340 OR MKT 340;  
 STAT 101 OR STAT 104 OR STAT 226  
 6623005 1 MW 1:10-2:00  
 F 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RETAIL ANALYTICS A M D 475 3 CREDITS  
 Prereq: A M D 376  
 4159005 1 TR 12:10-1:00  
 R 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO A M D MAJORS ONLY  
 Course delivery is On-site instruction

4159010 2 TR 12:10-1:00  
 F 8:50-10:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

IND STU TEXTILE SCI A M D 490A VAR. CREDITS  
 Prereq: 6 CR IN A M D, PERMISSION OF INSTRUCTOR,  
 ADVISOR AND DEPARTMENT CHAIR  
 Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND  
 A M D 490 MAY BE APPLIED TOWARD GRADUATION  
 Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST HIST TX&DRSS A M D 490B VAR. CREDITS  
 Prereq: 6 CR IN A M D; PERMISSION OF THE  
 INSTRUCTOR, ADVISOR AND DEPARTMENT CHAIR  
 Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND  
 A M D 490 MAY BE APPLIED TOWARD GRADUATION  
 Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

IND STU TXTL&AP DSN A M D 490C VAR. CREDITS  
Prereq: 6 CR IN A M D; PERMISSION OF THE  
INSTRUCTOR, ADVISOR AND DEPARTMENT CHAIR  
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND  
A M D 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST ENTREPRENEUR A M D 490E VAR. CREDITS  
Prereq: 6 CR IN A M D; PERMISSION OF THE  
INSTRUCTOR, ADVISOR AND DEPARTMENT CHAIR  
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND  
A M D 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU PSY OF DRSS A M D 490F VAR. CREDITS  
Prereq: 6 CR IN A M D; PERMISSION OF THE  
INSTRUCTOR, ADVISOR AND DEPARTMENT CHAIR  
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND  
A M D 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS A M D 490H VAR. CREDITS  
Prereq: 6 CR IN A M D; PERMISSION OF THE  
INSTRUCTOR, ADVISOR AND DEPARTMENT CHAIR.  
MEMBERSHIP IN THE UNIVERSITY HONORS PROGRAM.  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND  
A M D 490 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY:PROD DEVEL A M D 490J VAR. CREDITS  
Prereq: 6 CREDITS IN A M D. PERMISSION OF  
THE INSTRUCTOR, ADVISOR, AND DEPARTMENT CHAIR.  
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND  
A M D 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY:PROF PRACT A M D 490R VAR. CREDITS  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU:PR&QUAL ASU A M D 490S VAR. CREDITS  
Prereq: 6 CREDITS IN A M D. PERMISSION OF  
THE INSTRUCTOR, ADVISOR, AND DEPARTMENT CHAIR.  
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND  
A M D 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY:FASHN SHOW A M D 490W VAR. CREDITS  
Prereq: 6 CREDITS IN A M D. PERMISSION OF  
THE INSTRUCTOR, ADVISOR, AND DEPARTMENT CHAIR.  
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND  
A M D 490 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SENIOR DSIGN STUDIO A M D 495 3 CREDITS  
Prereq: A M D 310, A M D 325, A M D 329,  
PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
3914005 1 TR 11:30-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3914010 2 TR 2:15-4:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

UNDERGRAD RESEARCH A M D 499 1- 3 CREDITS  
Prereq: SENIOR CLASSIFICATN; 15 CREDITS IN A M D;  
PERMISSION OF INSTRUCTOR, ADVISOR, & DEPT CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

QUAL ASSUR TEXTL&AP A M D 505 3 CREDITS  
Prereq: A M D 231; ONE COURSE IN NATURAL SCIENCE  
(CHEMISTRY WITH LAB PREFERRED); STAT 101, OR STAT  
STAT 226, OR STAT 587.  
6648005 1 TR 12:10-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FND SCHOLRSH IN AMD A M D 510 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR PERMISSION  
OF INSTRUCTOR  
6649005 1 M 6:00-8:45PM  
MEETS: AUG 21-DEC 15  
Note: SEC 1 SYNCHRONOUS DELIVERY TO HYBRID STUDENTS  
THROUGH VIDEOSTREAM  
Course delivery is Hybrid (Online and F2F)

DIGITL TECH TXTL&AP A M D 521 3 CREDITS  
Prereq: RESEARCH METHODS COURSE, PERMISSION  
OF INSTRUCTOR  
4170005 1 T 8:00-10:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

CONSUMR BEHAV&APPAR A M D 567 3 CREDITS  
Prereq: A M D 467 OR MKT 447; STAT 401  
3255005 1 MW 2:15-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPL TOP TEXTILE SCI A M D 590A VAR. CREDITS  
Prereq: PERMISSION OF DIRECTOR OF GRADUATE  
EDUCATION, ADVISOR, AND INSTRUCTOR(S)  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC HIST DRESS A M D 590B VAR. CREDITS  
Prereq: PERMISSION OF DIRECTOR OF GRADUATE  
EDUCATION, ADVISOR, AND INSTRUCTOR(S)  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN A M D 590C VAR. CREDITS  
Prereq: PERMISSION OF DIRECTOR OF GRADUATE  
EDUCATION, ADVISOR, AND INSTRUCTOR(S)  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP MCHDS,ENTREP A M D 590E VAR. CREDITS  
Prereq: PERMISSION OF DIRECTOR OF EDUCATION  
EDUCATION, ADVISOR, AND INSTRUCTOR(S)  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOC-PSY ASP A M D 590F VAR. CREDITS  
Prereq: PERMISSION OF DIRECTOR OF EDUCATION  
EDUCATION, ADVISOR, AND INSTRUCTOR(S)  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PROD DEVEL A M D 590J VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROD&QUALTY A M D 590S VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC FASHN SHOW A M D 590W VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SR DESIGN STUDIO A M D 595 3 CREDITS  
Prereq: A M D 310, A M D 325, A M D 329, OF  
PERMISSION OF INSTRUCTOR  
9107005 1 TR 11:30-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC 1 SYNCHRONOUS DELIVERY TO HYBRID STUDENTS  
THROUGH VIDEOSTREAM  
Course delivery is Hybrid (Online and F2F)  
9107010 2 TR 2:15-4:45  
MEETS: AUG 21-DEC 15  
Note: SEC 2 SYNCHRONOUS DELIVERY TO HYBRID STUDENTS  
THROUGH VIDEOSTREAM  
Instructor permission required.  
Course delivery is Hybrid (Online and F2F)

CREATIVE COMPONENT A M D 599 VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN A M D  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS A M D 690 VAR. CREDITS  
Prereq: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSN  
OF INSTRUCTOR, AND APPROVAL OF D.O.G.E.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH A M D 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ARABIC**

ELEMENTARY ARABIC I ARABC 101 4 CREDITS  
7437005 1 TR 11:00-12:15  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
7437010 2 TR 2:10-3:25, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERMDIAT ARABIC I ARABC 201 4 CREDITS  
Prereq: ARABC 102 OR PLACEMENT BY DEPT EXAM  
Note: Meets international perspectives reqmt  
9279005 1 TR 12:40-1:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

THE ARABIAN NIGHTS ARABC 371X 3 CREDITS  
Note: Meets international perspectives reqmt  
2225005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INDEPENDENT STUDY ARABC 490 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS IN ARABC 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ARCHITECTURE

ARCHITCTRL DESIGN I ARCH 201 6 CREDITS  
Prereq: COMPLETION OF THE PRE-PROFESSIONAL PROGRAM AND ADMISSION INTO THE PROFESSIONAL PROGRAM IN ARCHITECTURE  
Note: COURSE RESTRICTED TO ARC MAJORS ONLY  
1673005 1 F 3:20-5:30  
MW 1:10-5:20  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ARCHITCTRL DESIGN I ARCH 201H 6-7 CREDITS  
Prereq: COMPLETION OF THE PRE-PROFESSIONAL PROGRAM AND ADMISSION INTO THE PROFESSIONAL PROGRAM IN ARCHITECTURE  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM  
8138005 1 F 3:20-5:30  
MW 1:10-5:20  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

CONTPRY ARCHITECTR ARCH 220 3 CREDITS  
Note: SEC A1 RESTRICTED TO ARC, ARCH MAJORS ONLY  
SEC A2 FOR MAJORS OTHER THAN ARCH, ARCH  
1858005 A1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1858010 A2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HIST&THRY ARCH-1750 ARCH 221 3 CREDITS  
Note: SEC A1 RESTRICTED TO ARCH, ARC MAJORS ONLY  
SEC A2 FOR MAJORS OTHER THAN ARCH, ARC.  
Meets international perspectives reqmt  
1675005 A1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1675010 A2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DSGN COMMUNICATNS I ARCH 230 3 CREDITS  
Prereq: ADMISSION TO THE PROFESSIONAL PROGRAM IN ARCHITECTURE  
Note: COURSE RESTRICTED TO ARC MAJORS ONLY  
8980005 1 MW 9:55-10:45  
MW 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8980010 2 MW 11:00-11:50  
MW 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ARCHITEC DESIGN III ARCH 301 6 CREDITS  
Prereq: ARCH 202  
Note: COURSE RESTRICTED TO ARC MAJORS ONLY  
1681005 1 F 3:20-5:30  
MW 1:10-5:20  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ARCHITEC DESIGN III ARCH 301H 6-7 CREDITS  
Prereq: ARCH 202  
Note: FOR ARC MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
8186005 1 F 3:20-5:30  
MW 1:10-5:20  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

HISTORY AMERIC CITY ARCH 321 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: Meets U.S. diversity reqmt  
1570005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

BLDG SCIENCE &TEC I ARCH 345 2 CREDITS  
Prereq: ADMISSION TO THE PROFESSIONAL PROGRAM IN ARCHITECTURE; CONCURRENT ENROLLMENT IN ARCH 345L  
Note: COURSE RESTRICTED THE ARC MAJORS ONLY  
8303005 1 TR 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ARCHITECTURE

(CONTINUED)

BLDG SCI&TECH I LAB ARCH 345L 1 CREDIT  
Prereq: ADMISSION TO THE PROFESSIONAL PROGRAM IN ARCHITECTURE; CONCURRENT ENROLLMENT IN ARCH 345  
Note: COURSE RESTRICTED THE ARC MAJORS ONLY  
8315005 1 TR 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BLDG SCI&TECNOL III ARCH 347 3 CREDITS  
Prereq: ARCH 346, ARCH 346L. CONCURRENT ENROLLMENT IN ARCH 347L.  
Note: COURSE RESTRICTED THE ARC MAJORS ONLY  
8272005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BLDG SCI&TC III LAB ARCH 347L 2 CREDITS  
Prereq: ARCH 346, ARCH 346L. CONCURRENT ENROLLMENT IN ARCH 347.  
8281005 1 TR 3:40-5:30  
MEETS: AUG 21-DEC 15  
Note: COURSE RESTRICTED THE ARC MAJORS ONLY  
Course delivery is On-site instruction

ARCHITECTU DESIGN V ARCH 401 6 CREDITS  
Prereq: ARCH 302  
Note: COURSE RESTRICTED TO ARC, ARCH MAJORS ONLY  
1691005 1 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1691010 2 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1691015 3 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1691020 4 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1691025 5 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1691030 6 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ARCHITECTU DESIGN V ARCH 401H 6-7 CREDITS  
Prereq: ARCH 302  
Note: FOR ARC, ARCH MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
8232005 1 MWF 1:10-5:20  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

ARCHITEC DESIGN VII ARCH 403 6 CREDITS  
Prereq: ARCH 402  
Note: COURSE RESTRICTED TO ARC MAJORS ONLY  
1693005 1 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1693010 2 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1693015 3 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1693020 4 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1693025 5 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ARCHITEC DESIGN VII ARCH 403H 6-7 CREDITS  
Prereq: ARCH 402  
Note: RESTRICTED TO MEMBERS OF THE UNIV HONORS PROGRAM  
8235005 1 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

BIG&TALL:CONST HIST ARCH 417 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
0025005 1 TR 3:40-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DIGITAL FABRICATION ARCH 433 3 CREDITS  
Prereq: ARCH 230; ARCH 301; JUNIOR, SENIOR, OR EQUIVALENT SKILLS.  
3852005 1 MW 9:55-11:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ARCHITECTURE (CONTINUED)

ADVNCN DESIGN MEDIA ARCH 436 3 CREDITS  
1704005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ARCHITC PHOTOGRAPHY ARCH 437 3 CREDITS  
1706005 1 T 7:00-10:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BLDG SCI & TECHNOL V ARCH 445 2 CREDITS  
Prereq: ARCH 348, ARCH 348L; CONCURRENT  
ENROLLMENT IN ARCH 445L  
1630005 1 MW 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BLDG SCI&TECH V LAB ARCH 445L 1 CREDIT  
Prereq: ARCH 348, ARCH 348L. CONCURRENT  
ENROLLMENT IN ARCH 445.  
8294005 1 F 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROFESSNAL PRACTICE ARCH 482 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION AND ARCH 371  
1712005 1 TR 3:40-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

IND STDY DSN COMMUN ARCH 490A 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DESIGN ARCH 490B 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY TECHN SYST ARCH 490C 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ARCH HIST ARCH 490D 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY BEHAV STD ARCH 490E 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY PRACTICE ARCH 490F 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARCH 490H 1- 9 CREDITS  
Prereq: APPROVAL OF INSTR & DEPT CHAIR ON  
REQUIRED FORM. MEMBERSHIP IN THE HONORS PROGRAM.  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY  
Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ARCHTC DSGN&MEDIA I ARCH 505 6 CREDITS  
Prereq: ADMISSION TO THE M ARCH PROGRAM.  
CONCURRENT ENROLLMENT IN ARCH 545, ARCH 545L  
AND ARCH 595.  
7757005 1 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIG&TALL:CONST HIST ARCH 517 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: COURSE RESTRICTED TO ARC, ARCH MAJORS ONLY  
9838005 1 TR 3:40-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TOP STDI ARCH&CULTR ARCH 528A 2- 3 CREDITS  
Prereq: ARCH 220, ARCH 221, ARCH 322 OR SENIOR  
CLASSIFICATION OR GRADUATE STANDING  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2022  
1731005 1 R 8:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1731010 2 TR 3:35-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TOPCL STDI PRACTICE ARCH 528E 2- 3 CREDITS  
1331005 1 F 11:00-12:45  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 OFFERED FOR 3 CREDITS  
Course delivery is On-site instruction

## ARCHITECTURE (CONTINUED)

DIGITAL FABRICATION ARCH 533 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION AND ARCH 601 OR  
EQUIVALENT SKILLS.  
0659005 1 MW 9:55-11:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVNCN DESIGN MEDIA ARCH 536 3 CREDITS  
0885005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BLDNG SCI & TECH I ARCH 543 6 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN ARCH 505  
2877005 1 TR 9:00-12:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HISTORIC PRESERVATN ARCH 568 3 CREDITS  
Prereq: SENIOR CLASSIFICATION  
2043005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DSGN FOR ALL PEOPLE ARCH 571 3 CREDITS  
Prereq: GRADUATE OR SENIOR CLASSIFICATION  
4714005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MTHDS INTRDCPL RSCH ARCH 579X 3 CREDITS  
Prereq: SENIOR OR GRADUATE CLASSIFICATION  
4511005 1 TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4511010 2 TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

PROFESSNAL PRACTICE ARCH 582 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION AND ARCH 371  
1755005 1 TR 3:40-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

SPECIAL TOPICS ARCH 590 1- 5 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND  
DEPARTMENT CHAIR ON APPROVED FORM  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SEMNR BUILT ENVIR I ARCH 595 3 CREDITS  
Prereq: ADMISSION TO THE M. ARCH. PROGRAM;  
CONCURRENT ENROLLMNT IN ARCH 505, ARCH 545, AND  
ARCH 545L  
7773005 1 MW 9:00-10:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEMNR BUILT ENVIR II ARCH 596 3 CREDITS  
Prereq: ARCH 505, ARCH 545, ARCH 545L, ARCH 595;  
CONCURRENT ENROLLMNT IN ARCH 506, ARCH 546, AND  
ARCH 546L  
7926005 1 MW 10:30-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CMUNTY, ARCH&ENVIR ARCH 602 6 CREDITS  
Prereq: ARCH 601, ARCH 547 AND ARCH 547L,  
ARCH 597 AND CONCURRENT ENROLLMENT IN ARCH 548 AND  
ARCH 548L  
1760005 1 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTEGRATIVE DESIGN ARCH 603 6 CREDITS  
Prereq: ARCH 602, ARCH 548 AND ARCH 548L  
Note: COURSE RESTRICTED TO ARCH MAJORS ONLY  
1761005 1 MWF 1:10-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BLDNG SCI&TECH III ARCH 641 3 CREDITS  
Prereq: ARCH 544X OR ADVANCED STANDING IN THE  
M.ARCH PROGRAM. CONCURRENT ENROLLMENT IN ARCH 602  
2930005 1 TR 9:00-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEP DESIGN STUDY ARCH 690 6 CREDITS  
Prereq: ADMISSION TO THE M. S. IN ARCH. PROGRAM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ARCH 699 1- 9 CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**ART EDUCATION**

METHODS TEACHING ART ARTED 209 2 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 7797005 1 TR 5:10-7:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7797010 2 TR 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7797015 3 TR 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7797020 4 MW 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO TO ART EDUC ARTED 211 3 CREDITS  
 Prereq: SOPHOMORE LEVEL  
 Note: SEC A1,B1 RESTRICTED TO ART MAJORS  
 SEC A2,B2 RESTRICTED TO EL ED, ECE MAJORS  
 1773005 A1 MW 2:15-5:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1773010 A2 MW 2:15-5:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1773015 B1 TR 9:30-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1773020 B2 TR 9:30-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDEPENDENT STUDY ARTED 490 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ART HISTORY**

HISTORY OF ART I ART H 280 3 CREDITS  
 Note: Meets international perspectives reqmt  
 1790005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

GREEK & ROMAN ART ART H 383 3 CREDITS  
 Note: Instructor permission required 1st week.  
 1826005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HIST OF PHOTOGRAPHY ART H 396 3 CREDITS  
 Note: Instructor permission required 1st week.  
 1209005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDEPENDENT STUDY ART H 490 1- 6 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND  
 DEPARTMENT CHAIR ON REQUIRED FORM BEFORE THE SEMESTER  
 OF ENROLLMENT  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ART H 490H 1- 6 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND  
 DEPARTMENT CHAIR ON REQUIRED FORM BEFORE THE SEMESTER  
 OF ENROLLMENT  
 Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
 HONORS PROGRAM ONLY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WOMEN/GENDER IN ART ART H 494 3 CREDITS  
 Note: Instructor permission required 1st week.  
 1210005 1 TR 2:10-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MUSEUM/GLLRY INTERN ART H 497 1- 6 CREDITS  
 Prereq: WRITTEN APPROVAL OF SUPERVISING  
 INSTRUCTOR ON REQUIRED FORM IN ADVANCE OF SEMESTER  
 OF ENROLLMENT  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VIS CUL STUDIES SEM ART H 499 3 CREDITS  
 4684005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MUSEUM/GLLRY INTERN ART H 586 1- 6 CREDITS  
 Prereq: GRAD CLASSIFICATION AND PERMISSION  
 OF INSTRUCTOR. WRITTEN APPROVAL IN ADVANCE OF  
 SEMESTER OF ENROLLMENT.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ART HISTORY**

(CONTINUED)

MODERN ART & THEORY ART H 588 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION  
 OF INSTRUCTOR  
 1930005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPECIAL TOPICS ART H 590 VAR. CREDITS  
 Prereq: GRADUATE CLASSIFICATION; WRITTEN APPROVAL  
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 IN ADVANCE OF SEMESTER OF ENROLLMENT.  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ASTRONOMY & ASTROPHYSICS**

NORTH STAR ASTRONOMY ASTRO 102 1 CREDIT  
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT  
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION  
 8059005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

EVENING STAR ASTRO 103 1 CREDIT  
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT  
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION  
 8260700 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS  
 Note: 2-PART COURSE. REGISTER FOR A DISCUSSION SECTION  
 (NUMBERED SECTIONS 1-17) FIRST AND THEN A LECTURE  
 (SECTIONS A OR B). STUDENTS WHO DON'T REGISTER FOR  
 BOTH DISCUSSION AND LECTURE SHOULD DROP THE  
 COURSE DUE TO INCOMPLETE REGISTRATION.  
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT  
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION.  
 Night exams scheduled. For dates go to  
 http://www.registrar.iastate.edu/students/exams/  
 night-exams.  
 1951005 1 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1951010 2 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1951015 3 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1951020 4 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1951025 5 M 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1951030 6 M 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1951035 7 M 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1951040 8 M 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 8 HAS AN ONLINE DISCUSSION.  
 EXAMS ARE IN PERSON. YOU WILL NEED TO BE ON CAMPUS  
 FOR EXAMS.  
 Course delivery is WWW  
 1951200 A TR 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1951205 B TR 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC B THE TR 1:10 PM LECTURES ARE DELIVERED  
 FACE-TO-FACE AND STREAMED LIVE, SO STUDENTS HAVE  
 BOTH OPTIONS FOR LECTURES. VIDEOS ARE ALSO AVAILABLE  
 FOR VIEWING. EXAMS ARE IN PERSON. YOU WILL NEED TO BE  
 ON CAMPUS FOR EXAMS.  
 Course delivery is On-site instruction

STARS,GALAXIES&COSM ASTRO 150 3 CREDITS  
 1952005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDEPENDENT STUDY ASTRO 290 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTR SOLAR SYS ASTR ASTRO 342 3 CREDITS  
 Prereq: PHYS 222 OR (PHYS 232 AND 232L) OR  
 PHYS 242  
 8739005 1 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction



## ASTRONOMY &amp; ASTROPHYSICS (CONTINUED)

ASTRONOMY LAB ASTRO 344L 3 CREDITS  
Prereq: PHYS 222 OR (PHYS 232 AND 232L) OR PHYS 242  
1955005 1 W 12:05-12:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

UNDERGRAD RESEARCH ASTRO 450 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH ASTRO 450L 1- 6 CREDITS  
Prereq: ASTRO 344L; PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ASTRO 490 1- 4 CREDITS  
Prereq: 6 CREDITS IN ASTRO; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY ASTRO 490H 1- 4 CREDITS  
Prereq: 6 CREDITS IN ASTRO; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS ASTRO 590 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ASTRO 599 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED SEMINAR ASTRO 650 1 CREDIT  
Satisfactory-Fail Only.  
1970005 1 F 3:20-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH ASTRO 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ATHLETIC TRAINING

ORIE ATHL TRN EXPRC A TR 218 .5 CREDIT  
Satisfactory-Fail Only.  
5297005 1 M 11:00-11:50  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

BASIC ATHLETC TRAIN A TR 220 2 CREDITS  
Prereq: (BIOL 155 OR BIOL 255); BIOL 256  
Note: SEC A1,B1 RESTRICTED TO D EXA, D EXH, KIN H, PDEXA, PDEXH MAJORS. SEC A2,A2 RESTRICTED TO MAJORS OTHER THAN A TR, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEXH MAJORS. SEC A3 RESTRICTED TO A TR & P ATR.  
Instructor permission required 1st week.  
5729005 A1 M 7:45-8:35  
W 8:00-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5729010 A2 M 7:45-8:35  
W 8:00-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5729015 A3 M 7:45-8:35  
T 8:00-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5729020 B1 M 7:45-8:35  
R 8:00-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5729025 B2 M 7:45-8:35  
R 8:00-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRE-ATH TRAIN PRACT A TR 221 1 CREDIT  
Note: COURSE RESTRICTED TO P ATR MAJORS ONLY  
Satisfactory-Fail Only.  
6654005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRESN CLN EXP PRACT A TR 223 1 CREDIT  
Prereq: PERMISSION OF CLINICAL COORDINATOR  
Note: COURSE RESTRICTED TO P ATR MAJORS ONLY  
Satisfactory-Fail Only.  
7395005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ATHLETIC TRAINING (CONTINUED)

BAS ORTH ASSES&EVAL A TR 228 2 CREDITS  
Prereq: A TR 219  
0383005 1 TR 8:00-9:20  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO P ATR MAJORS  
Course delivery is On-site instruction

CLIN PRACTM A TR II A TR 229 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN A TR 228  
Satisfactory-Fail Only.  
0530005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO P ATR MAJORS

THERA MODL&CLN INTV A TR 505 3 CREDITS  
Prereq: A TR 502, A TR 520, ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
0357005 1 WF 9:55-11:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EVAL METH&TRT:LOWER A TR 510 3 CREDITS  
Prereq: A TR 502, A TR 520, ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
0358005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLINICAL EDUCATN II A TR 519 3 CREDITS  
Prereq: A TR 510, A TR 521, ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
Satisfactory-Fail Only.  
0361005 1 F 9:00-9:50, ARRANGED  
MEETS: AUG 21-DEC 15

SEM B:DIAG IMAG&LAB A TR 521 1 CREDIT  
Prereq: A TR 502, A TR 520, ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
0362005 1 W 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHARMACLGCAL ISSUES A TR 550 2 CREDITS  
Prereq: A TR 522, A TR 545, ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM  
0369005 1 WF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLINICAL EDUCATN V A TR 559 4 CREDITS  
Satisfactory-Fail Only.  
0386005 1 ARRANGED  
MEETS: AUG 21-DEC 15

INJ INTV,REHAB,CARE A TR 570 3 CREDITS  
Prereq: A TR 515, A TR 550, A TR 560 AND ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM  
0388005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ATHLETICS

INTERCOL CROSS CTRY ATH 101D 1 CREDIT  
Prereq: PERMISSION OF HEAD COACH  
Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.  
Instructor permission required.  
Satisfactory-Fail Only.  
1976005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERCOL CROSS CTRY ATH 101E 1 CREDIT  
Prereq: PERMISSION OF HEAD COACH  
Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.  
Instructor permission required.  
Satisfactory-Fail Only.  
1977005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERCOLL FOOTBALL ATH 101F 1 CREDIT  
Prereq: PERMISSION OF HEAD COACH  
Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.  
Instructor permission required.  
Satisfactory-Fail Only.  
1978005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ATHLETICS

(CONTINUED)

INTERCOL VOLLEYBALL ATH 101R 1 CREDIT  
 Prereq: PERMISSION OF HEAD COACH  
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.  
 Instructor permission required.  
 Satisfactory-Fail Only.  
 1989005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTERCOLLEGIAT GOLF ATH 101T 1 CREDIT  
 Prereq: PERMISSION OF HEAD COACH  
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.  
 Instructor permission required.  
 Satisfactory-Fail Only.  
 1991005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTERCOLLEG SOCCER ATH 101U 1 CREDIT  
 Prereq: PERMISSION OF HEAD COACH  
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.  
 Instructor permission required.  
 Satisfactory-Fail Only.  
 3628005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

**BIOCHEM, BIOPHYSICS & MOLECULAR BIO**

INTRO BIOCHEMISTRY BBMB 101 1 CREDIT  
 1996005 1 R 12:10-1:00 UNDERBAKKE E  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BIOCH LRN CMM ORIEN BBMB 110 1 CREDIT  
 Satisfactory-Fail Only.  
 9554005 1 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BIOCHEMISTRY OF BEER BBMB 120 2 CREDITS  
 Note: CREDIT IN BBMB 120/FS HN 120 MAY ONLY BE APPLIED TOWARD GRADUATION AS ELECTIVE CREDIT BY NATURAL SCIENCE MAJORS  
 8418005 1 TR 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BIOCHEM OF BEER LAB BBMB 120L 1 CREDIT  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN BBMB 120  
 Note: CREDIT IN BBMB 120L/FS HN 120L MAY ONLY BE APPLIED TOWARD GRADUATION AS ELECTIVE CREDIT BY NATURAL SCIENCE MAJORS  
 9485005 1 R 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BIOCHEMCL PROCESSES BBMB 221 3 CREDITS  
 Prereq: CHEM 163 OR CHEM 167 OR CHEM 177  
 Note: CREDIT FOR EITHER BBMB 221 OR CHEM 231, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. BIOCHEMISTRY, AGBIO, AND BIOPHYSICS MAJORS MAY NOT COUNT CREDIT FOR BBMB 221 TOWARD THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE.  
 1998005 1 MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SURVEY OF BIOCHEM BBMB 301 3 CREDITS  
 Prereq: CHEM 231 OR CHEM 331  
 Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 301 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ONLY ONE OF BBMB 301, 303, OR 316 MAY COUNT TOWARD GRADUATION; NOT ACCEPTABLE FOR CREDIT TOWARD A MAJOR IN BIOCHEMISTRY, BIOPHYSICS, OR AGRICULTURAL BIOCHEMISTRY.  
 1999005 1 ARRANGED ROCHE J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

GENERAL BIOCHEMISTRY BBMB 303 3 CREDITS  
 Prereq: CHEM 331  
 Note: ONLY ONE OF BBMB 301, 303, OR 316 MAY COUNT TOWARD GRADUATION  
 0260005 1 MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## BIOCHEM, BIOPHYSICS &amp; MOLECULAR BIO (CONTINUED)

WRITNG SCI RPRTS BIO BBMB 311 1 CREDIT  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN BBMB 312  
 1021005 1 T 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXPRMTL RSRCH SKILLS BBMB 312 2 CREDITS  
 Prereq: BBMB 102; CREDIT OR CONCURRENT ENROLLMENT IN CHEM 178 OR CHEM 201  
 0014005 1 T 9:00-9:50  
 R 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BIOCHEMISTRY PRINCIP BBMB 316 3 CREDITS  
 Prereq: BIOL 314; (CHEM 231 OR CHEM 331)  
 Note: ONLY ONE OF BBMB 301, BBMB 303, OR BBMB 316 MAY COUNT TOWARD GRADUATION; NOT ACCEPTABLE FOR CREDIT A MAJOR IN BIOCHEMISTRY, BIOPHYSICS, OR AGRICULTURAL BIOCHEMISTRY.  
 9022700 1 MWF 11:00-11:50 MYERS A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

BIOCHEMISTRY I BBMB 404 3 CREDITS  
 Prereq: CHEM 331  
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 2002005 1 MWF 11:00-11:50 SASHITAL D  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required.  
 Course delivery is On-site instruction  
 2002010 2 ARRANGED SASHITAL D  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required.  
 Course delivery is WWW

BIOCHEMISTRY II BBMB 405 3 CREDITS  
 Prereq: BBMB 404  
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 2003005 1 ARRANGED BEITZ D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

ANLYS SCIENTFC LIT BBMB 410 2 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN BBMB 404 OR BBMB 504  
 0726005 1 T 5:15-7:00PM UNDERBAKKE E  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BIOCHEMCL RES TCHNQ BBMB 411 4 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CHEM 332  
 Note: COURSE RESTRICTED TO BIOCH, BIOPH, AGBIO, BBMB, BBMS SENIORS ONLY. QUALIFIED JUNIORS MAY SEEK A SIGNATURE FROM THE EMILY BOETTGER  
 2004005 1 W 1:10-2:00  
 F 1:10-2:00  
 MW 2:15-6:05PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

2004010 2 W 1:10-2:00  
 F 1:10-2:00  
 M 8:50-12:55  
 W 8:50-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2004015 3 W 1:10-2:00  
 F 1:10-2:00  
 F 2:15-6:05PM  
 T 2:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2004020 4 W 1:10-2:00  
 F 1:10-2:00  
 MW 2:15-6:05PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2004025 5 W 1:10-2:00  
 F 1:10-2:00  
 F 2:15-6:05PM  
 T 2:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MAMMALIAN BIOCHEM BBMB 420 3 CREDITS  
 Prereq: BIOL 314; CHEM 332  
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. BIOCHEMISTRY AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 420 TOWARD THE MAJOR.  
 2005005 1 ARRANGED BEITZ D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

## BIOCHEM, BIOPHYSICS &amp; MOLECULAR BIO (CONTINUED)

INDEPENDENT STUDY BBMB 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF BBMB 490 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS BBMB 490H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF BBMB 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO STUDENTS IN UNIVERSITY HONORS PROGRAM ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH BBMB 499 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AMINO ACIDS&PROTEIN BBMB 504 2 CREDITS  
5050005 1 M 12:05-1:55  
W 12:10-2:00  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

BIOENERGETCS &METAB BBMB 505 2 CREDITS  
Prereq: CHEM 211, CHEM 332. A COURSE IN BIOCHEMISTRY IS STRONGLY RECOMMENDED.  
4890005 1 M 12:05-1:55  
W 12:05-1:55  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

MEMBRANE BIOCHMSTRY BBMB 506 2 CREDITS  
Prereq: CHEM 332 OR EQUIVALENT  
4203005 1 ARRANGED UNDERBAKKE E  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

BIOCHM NUCLEIC ACID BBMB 507 2 CREDITS  
Prereq: CHEM 332 OR EQUIVALENT  
5083005 1 ARRANGED NELSON S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INTR PROTEOMCS TCNQ BBMB 542E 1 CREDIT  
Satisfactory-Fail Only.  
7166005 1 TR 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR METABLMCS TCNQ BBMB 542F 1 CREDIT  
Satisfactory-Fail Only.  
9009005 1 M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STRUCT BIOINFRMTCS BBMB 569 3 CREDITS  
Prereq: BCB 567, BBMB 316, GEN 409, STAT 430  
7456005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS BBMB 590 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MOLECULAR IMMUNOLGY BBMB 615 3 CREDITS  
Prereq: BBMB 405 OR BBMB 502  
2023005 1 W 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TOPCS NEUROSCNC BBMB 661 3 CREDITS  
Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR  
4707005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NUC ACID STRUC&FUNC BBMB 675 2 CREDITS  
Prereq: BBMB 405 OR BBMB 502  
2033005 1 TR 12:40-1:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED SEMINAR BBMB 681 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
2034005 1 T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DEPARTMENT SEMINAR BBMB 682 R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
2035005 1 R 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## BIOCHEM, BIOPHYSICS &amp; MOLECULAR BIO (CONTINUED)

RESEARCH SEMINAR BBMB 696 1 CREDIT  
Satisfactory-Fail Only.  
8831005 1 W 4:25-5:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH BBMB 699 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**BIOINFORMATICS&COMPUTATIONAL BIOL-UG**

INTR BIOINFRMTC&CMP BCBIO 322 3 CREDITS  
Prereq: BIOL 212  
9771005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOINFRMTCS OF SEQ BCBIO 401 3 CREDITS  
Prereq: (BCBIO 322; [COM S 127 OR COM S 227]; [MATH 160 OR MATH 165]; [MATH 166 OR STAT 301]; [STAT 101 OR STAT 104 OR STAT 330]); OR PERMISSION OF INSTRUCTOR  
4621005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY BCBIO 490 1- 5 CREDITS  
Prereq: BCBIO 322; JUNIOR OR SENIOR CLASSIFICATION; PERMISSION OF INSTRUCTOR  
Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE THAN 9 CREDITS OF BCBIO 490 AND 491 TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**BIOINFORMATICS AND COMPUTATIONAL BIOL**

INDEPENDENT STUDY BCB 490 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FUND BIOINFORMATICS BCB 544 4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
8548005 1 MWF 11:00-11:50  
R 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STRUCT BIOINFRMTCS BCB 569 3 CREDITS  
Prereq: BCB 567, BBMB 316, GEN 409, STAT 430  
2105005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SYSTEMS BIOLOGY BCB 570 3 CREDITS  
Prereq: BCB 567 OR COM S 311, COM S 228, GEN 409, EITHER STAT 430, STAT 483, OR STAT 583  
2125005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS BCB 590 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WKSHP BIOINFORMATCS BCB 593 1 CREDIT  
7397005 1 M 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Tuition Category: Workshop

COOPERATIVE EDUCATN BCB 598 R CREDIT  
Prereq: PERMISSION OF THE PROGRAM CHAIR  
1828005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CREATIVE COMPONENT BCB 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FACULT SEM BIOINFRM BCB 691 1 CREDIT  
7825005 1 T 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS  
7827005 1 ARRANGED  
MEETS: AUG 21-DEC 15

RESEARCH BCB 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**BIOLOGICAL/PRE-MEDICAL ILLUSTRATION**

SCI ILLUST PRIN&TEC BPM I 323 3 CREDITS  
Prereq: 6 CREDITS IN ART AND DESIGN AND  
3 CREDITS IN BIOLOGICAL SCIENCES  
Note: COURSE RESTRICTED TO ARTIS, PBPMI MAJORS ONLY  
6580005 1 TR 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ILLUSTR AS COMMUNIC BPM I 327 3 CREDITS  
Prereq: ARTIS 326  
1748005 1 TR 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY BPM I 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS ILLUSTR BPM I 494 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO BPM I, PBPMI MAJORS  
OFFERED FOR 2 CREDITS FALL 2022  
7277005 1 MW 6:30-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ILLUSTRATION INTERN BPM I 497 1- 6 CREDITS  
Prereq: BPM I MAJOR; JUNIOR OR SENIOR  
CLASSIFICATION: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**BIOLOGY**

INTRODUCTORY BIOL BIOL 101 3 CREDITS  
Note: CREDIT IN BIOL 101 MAY NOT BE APPLIED  
TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS  
2064005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2064010 2 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW  
2064015 3 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

BIOL MAJOR ORIENTN BIOL 110 1 CREDIT  
Note: COURSE RESTRICTED TO BIOL, BIOLA MAJORS  
ENTERING ISU SUMMER 2022 OR FALL 2022  
Satisfactory-Fail Only.  
2063005 A M 4:25-5:15 WEHNER S  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
2063010 B T 4:25-5:15 WEHNER S  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
2063100 1 W 12:05-12:55 WEHNER S  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
2063105 2 W 1:10-2:00 WEHNER S  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
2063115 3 W 2:15-3:05 WEHNER S  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
2063120 4 W 3:20-4:10 WEHNER S  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
2063125 5 W 4:25-5:15 WEHNER S  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
2063130 6 R 12:10-1:00 WEHNER S  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
2063135 7 R 1:10-2:00 WEHNER S  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
2063140 8 R 2:10-3:00 WEHNER S  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
2063145 9 R 3:10-4:00 WEHNER S  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

OPPORTUNITI IN BIOL BIOL 111 .5 CREDIT  
Prereq: DIRECT-FROM-HIGH SCHOOL STUDENTS ONLY  
Satisfactory-Fail Only.  
7407005 1 M 4:25-5:15  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
7407010 2 T 4:25-5:15  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

## BIOLOGY

(CONTINUED)

ORIENT TRANSFR STDT BIOL 112 1 CREDIT  
Note: COURSE RESTRICTED TO BIOL, BIOLA MAJOJS ONLY  
Satisfactory-Fail Only.  
8242005 1 ARRANGED  
MEETS: AUG 21-OCT 13  
Note: Course delivery is WWW

LIFE SCI LRN&EXPLOR BIOL 114X 1 CREDIT  
Satisfactory-Fail Only.  
0922005 1 M 3:20-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0922010 2 M 3:20-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0922015 3 W 3:20-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0922020 4 W 3:20-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HUMAN BIOLOGY BIOL 155 3 CREDITS  
Note: CREDIT IN BIOL 155 MAY NOT BE APPLIED  
TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS  
7079005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7079010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ENVIRONMNTL BIOLOGY BIOL 173 3 CREDITS  
Note: CREDIT IN BIOL 173 MAY NOT BE APPLIED  
TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS  
2015005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INTRO ENVIRNMT ISSU BIOL 201 2 CREDITS  
7950005 A1 TR 8:00-9:15, ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC A1 RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
Course delivery is On-site instruction  
7950010 A2 TR 8:00-9:15, ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
7950015 A3 TR 8:00-9:15, ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC A3 RESTRICTED TO AG X, ENV S, OPEN MAJORS  
Course delivery is On-site instruction

PRIN OF BIOLOGY I BIOL 211 3 CREDITS  
Prereq: HIGH SCHOOL BIOLOGY  
9468005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9468010 2 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9468015 3 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9468020 4 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: SEC 4 RESTRICTED TO BIOL, BIOLA MAJORS ONLY  
Course delivery is On-site instruction  
9468025 5 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9468030 6 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN BIOL 211  
9470005 1 T 7:45-10:45PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9470010 2 T 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9470015 3 T 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9470020 4 W 7:45-10:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9470025 5 W 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9470030 6 W 2:15-5:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9470035 7 R 7:45-10:45PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9470040 8 R 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9470045 9 R 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9470050 10 F 7:45-10:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## BIOLOGY

(CONTINUED)

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT  
 9470055 11 F 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470060 12 T 7:45-10:45PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470065 13 T 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470070 14 T 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470075 15 W 7:45-10:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470080 16 W 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470085 17 W 2:15-5:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470090 18 R 7:45-10:45PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470095 19 R 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470100 20 R 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470105 21 F 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470110 22 T 7:45-10:45PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470115 23 T 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470120 24 T 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470063 25 W 7:45-10:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470130 26 W 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470016 27 W 2:15-5:05  
 MEETS: AUG 21-DEC 15  
 Note: SECTION RESTRICTED FOR FIRST YEAR BIOLOGY MAJORS  
 Course delivery is On-site instruction

9470041 28 R 7:45-10:45PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470031 29 R 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470135 30 R 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470140 31 F 7:45-10:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470145 32 F 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470150 33 F 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470155 34 T 7:45-10:45PM  
 MEETS: AUG 21-DEC 15  
 Note: SECTION RESTRICTED FOR FIRST YEAR BIOLOGY MAJORS  
 Course delivery is On-site instruction

9470160 35 T 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: SECTION RESTRICTED FOR FIRST YEAR BIOLOGY MAJORS  
 Course delivery is On-site instruction

9470165 36 T 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: SECTION RESTRICTED FOR FIRST YEAR BIOLOGY MAJORS  
 Course delivery is On-site instruction

9470170 37 W 7:45-10:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470175 38 W 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9470180 39 W 2:15-5:05  
 MEETS: AUG 21-DEC 15  
 Note: SECTION RESTRICTED FOR FIRST YEAR BIOLOGY MAJORS  
 Course delivery is On-site instruction

9470185 40 R 7:45-10:45PM  
 MEETS: AUG 21-DEC 15  
 Note: SECTION RESTRICTED FOR FIRST YEAR BIOLOGY MAJORS  
 Course delivery is On-site instruction

9470190 41 R 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: SECTION RESTRICTED FOR FIRST YEAR BIOLOGY MAJORS  
 Course delivery is On-site instruction

9470195 42 R 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: SECTION RESTRICTED FOR FIRST YEAR BIOLOGY MAJORS  
 Course delivery is On-site instruction

## BIOLOGY

(CONTINUED)

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT  
 9470200 43 F 7:45-10:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRIN OF BIOLOGY II BIOL 212 3 CREDITS  
 Prereq: HIGH SCHOOL BIOLOGY; H.S. CHEMISTRY OR  
 CREDIT OR ENROLLMENT IN CHEM 163 OR CHEM 177

9469005 1 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9469010 2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9469015 3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN BIOL 212

9471005 1 T 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471010 2 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471015 3 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471020 4 W 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471025 5 W 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471030 6 W 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471035 7 R 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471040 8 R 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471045 9 R 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471050 10 T 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471055 11 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471060 12 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471065 13 W 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471070 14 W 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471075 15 W 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471080 16 R 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471085 17 R 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9471090 18 R 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FUND HUMAN ANATOMY BIOL 255 3 CREDITS  
 Prereq: HS BIOLOGY AND CHEMISTRY, OR BIOL 101.  
 Note: CREDIT IN BIOL 255 MAY NOT BE APPLIED  
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS

7205005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7205010 2 TR 8:00-9:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7205015 3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

FUND HUMAN ANAT LAB BIOL 255L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN BIOL 255  
 Note: CREDIT IN BIOL 255L MAY NOT BE APPLIED  
 TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS

6342005 1 T 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342010 2 T 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342015 3 T 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342020 4 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BIOLOGY

(CONTINUED)

FUND HUMAN ANAT LAB BIOL 255L 1 CREDIT  
 6342025 5 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342030 6 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342035 7 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342040 8 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342045 9 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342050 10 W 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342055 11 W 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342060 12 W 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342065 13 W 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342070 14 W 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342075 15 W 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342080 16 W 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342085 17 R 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342090 18 R 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342095 19 R 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342100 20 R 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342105 21 R 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6342110 22 R 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BIONICS BIOL 257X 2 CREDITS  
 4672005 1 F 2:15-5:00 HAEN K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXP BIODVRSTY RSRCH BIOL 289X 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 4810005 1 F 3:20-5:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WOMEN IN SCI & ENGR BIOL 307 3 CREDITS  
 Prereq: A 200-LEVEL COURSE IN SCIENCE OR ENGR OR  
 WOMEN'S STUDIES; ENGL 250  
 Note: CREDIT IN BIOL 307 MAY NOT BE APPLIED  
 TOWARD BIOLOGY MAJOR ADVANCED CREDIT GRADUATION  
 REQUIREMENTS  
 1099005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GENOME EDITING&ENGR BIOL 311X 1 CREDIT  
 Satisfactory-Fail Only.  
 0928005 1 W 9:55-11:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ECOLOGY BIOL 312 4 CREDITS  
 Prereq: BIOL 211; (BIOL 212 OR BIOL 251)  
 Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC  
 (LETTERED SEC A,B) FIRST AND THEN A LAB SEC  
 (NUMBERED SEC 1-20). STUDENTS WHO DON'T REGISTER  
 FOR BOTH LECTURE AND LAB SHOULD DROP THE  
 COURSE DUE TO INCOMPLETE REGISTRATION.

2069001 A TR 8:00-9:15 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069004 B TR 8:00-9:15 RUSSELL A  
 MEETS: AUG 21-DEC 15  
 Note: SEC B IS TEAM BASED LEARNING  
 Course delivery is On-site instruction

2069005 1 M 7:45-10:35 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069010 2 M 8:50-11:40 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BIOLOGY

(CONTINUED)

ECOLOGY BIOL 312 4 CREDITS  
 2069015 3 M 11:00-2:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069020 4 M 12:05-2:55 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069025 5 M 2:15-5:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069030 6 M 3:20-6:10PM JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069040 7 T 10:00-1:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069045 8 T 12:10-3:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069050 9 T 1:10-4:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069055 10 T 3:10-6:00PM JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069060 11 R 3:10-6:00PM JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069065 12 W 8:50-11:40 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069070 13 W 11:00-2:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069075 14 W 12:05-2:55 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069080 15 W 2:15-5:05 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069085 16 W 3:20-6:10PM JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069090 17 R 10:00-12:50 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069095 18 R 12:10-3:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069100 19 W 7:45-10:45 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2069105 20 R 1:10-4:00 JOVANOVIC B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRINCIP OF GENETICS BIOL 313 3 CREDITS  
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313  
 AND 313L, GEN/AGRON 320

9472005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9472010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

GENETICS LABORATORY BIOL 313L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN BIOL 313  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313  
 AND 313L, GEN/AGRON 320

9473005 1 MW 8:50-10:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9473010 2 MW 10:30-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9473015 3 MW 10:30-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9473020 4 MW 1:10-2:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9473025 5 MW 1:10-2:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9473030 6 MW 3:20-4:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9473035 7 TR 9:00-10:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9473040 8 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9473045 9 TR 1:10-2:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9473050 10 TR 3:10-4:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9473055 11 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## BIOLOGY

(CONTINUED)

GENETICS LABORATORY BIOL 313L 1 CREDIT  
9473060 12 TR 1:10-2:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN MOLEC CELL BIO BIOL 314 3 CREDITS  
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.  
9474005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOLOGICAL EVOLUTN BIOL 315 3 CREDITS  
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.  
5604005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANLYS ENVRMTL SYS BIOL 319 3 CREDITS  
Prereq: ENSCI 312; JUNIOR CLASSIFICATION  
1093005 A1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1093010 A2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1093015 B1 ARRANGED, TR 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1093020 B2 ARRANGED, TR 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1093025 C1 ARRANGED, TR 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1093030 C2 ARRANGED, TR 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR BIOINFRMTC&CMP BIOL 322 3 CREDITS  
Prereq: BIOL 212  
9772005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

M&CEL BIOL HUMN DIS BIOL 328 3 CREDITS  
Prereq: BIOL 212  
8936005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMPHSV HUMN ANATMY BIOL 350 4 CREDITS  
Prereq: CREDIT IN BIOL 212  
Note: HYBRID, WITH VIRTUAL ONLINE LAB, COURSEWARE IS REQUIRED  
5302005 1 R 11:00-12:15  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SECTION 1: LECTURES ONLINE, CLASS TIME DEDICATED FOR TOPIC DISCUSSION AND GROUP ACTIVITIES  
Course delivery is Hybrid (Online and F2F)  
5302010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ANIMAL BEHAVIOR BIOL 354 3 CREDITS  
Prereq: BIOL 212  
7087005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LAB IN ANIML BEHAVR BIOL 354L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN BIOL 354  
5676005 1 T 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5676010 2 R 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DENDROLOGY BIOL 356 3 CREDITS  
Prereq: BIOL 211  
Note: COURSE RESTRICTED TO A ECL, FOR MAJORS  
Instructor permission required 1st week.  
2079010 1 TR 9:30-10:20  
TR 10:30-11:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2079015 2 TR 12:40-1:30  
TR 1:40-2:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOLOGY OF PLANTS BIOL 357 3 CREDITS  
Prereq: BIOL 211 AND BIOL 212. BIOL 211L AND BIOL 212L RECOMMENDED.  
8731005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## BIOLOGY

(CONTINUED)

BEE BIOL, MGT &KEEP BIOL 358 3 CREDITS  
Prereq: 1 COURSE IN 200-LEVEL BIOL OR PERMISSION OF INSTRUCTOR  
0817005 1 TR 12:40-1:55 TOTH A  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOLOGY OF INVERTEB BIOL 364 3- 4 CREDITS  
Prereq: BIOL 211, BIOL 212.  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2022  
7097005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

VERTEBRATE BIOLOGY BIOL 365 4 CREDITS  
Prereq: BIOL 211; BIOL 211L  
1537005 1 MWF 8:50-9:40  
T 6:00-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1537010 2 MWF 8:50-9:40  
T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1537015 3 MWF 8:50-9:40  
T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1537020 4 MWF 8:50-9:40  
T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1537025 5 MWF 8:50-9:40  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1537030 6 MWF 8:50-9:40  
W 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1537035 7 MWF 8:50-9:40  
W 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1537040 8 MWF 8:50-9:40  
R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1537045 9 MWF 8:50-9:40  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ECO&ENVIRON SCI GIS BIOL 370 1- 6 CREDITS  
Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL SCIENCES  
Satisfactory-Fail Only.  
9445005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction  
9445010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 OFFERED FOR 3 CREDITS  
Course delivery is On-site instruction

ECOLOGICAL METHODS BIOL 371 3 CREDITS  
Prereq: A ECL 312; (STAT 101 OR STAT 104)  
1541005 1 MW 12:05-12:55  
R 11:00-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1541010 2 MW 12:05-12:55  
T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOINFRMTC OF SEQ BIOL 401 3 CREDITS  
Prereq: (BCBIO 322; [COM S 127 OR COM S 227]; [MATH 160 OR MATH 165]; [MATH 166 OR STAT 301]; [STAT 101 OR STAT 104 OR STAT 330]); OR PERMISSION OF INSTRUCTOR  
0490005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO TO PATHOLOGY BIOL 402 3 CREDITS  
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L  
4985005 1 ARRANGED SMITH J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

NEUROBIOLOGY BIOL 436 3 CREDITS  
Prereq: BIOL 212  
7107005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## BIOLOGY

(CONTINUED)

PRINCIP OF MYCOLOGY BIOL 456 3 CREDITS  
Prereq: 10 CREDITS IN BIOL OR MICRO  
2096005 1 MW 11:00-11:50  
W 2:15-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2096010 2 MW 11:00-11:50  
F 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HERPETOLOGY BIOL 457 2 CREDITS  
Prereq: BIOL 351 OR BIOL 365  
2128005 1 MW 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HERPETOLOGY LAB BIOL 457L 1 CREDIT  
Prereq: BIOL 351 OR BIOL 365 OR A ECL 365;  
CONCURRENT ENROLLMENT IN BIOL 457 OR A ECL 457  
7335005 1 T 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7335010 2 T 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EVOLUTNARY GENETICS BIOL 462 3 CREDITS  
Prereq: BIOL 315  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD.  
PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
7110005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AQUATIC ECOLOGY BIOL 486 3 CREDITS  
Prereq: BIOL 312 OR ENSCI 319 OR ENSCI 402 OR  
NREM 301  
1737005 1 TR 9:30-10:45 LOEWEN C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AQUATIC ECOLOGY LAB BIOL 486L 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN BIOL 486  
OR A ECL 486 OR ENSCI 486  
1741005 1 T 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1741010 2 T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MICROBIAL ECOLOGY BIOL 487 3 CREDITS  
Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
3511005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY BIOL 490 1- 6 CREDITS  
Note: NO MORE THAN 9 CREDITS IN BIOL 490 MAY BE APPLIED  
TOWARD GRADUATION AND OF THOSE ONLY 2 CREDITS MAY BE  
APPLIED TO THE BIOLOGY ADVANCED COURSE REQUIREMENT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOL RESRCH BIOL 490H 1- 6 CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

UG TEACHNG EXPERNCE BIOL 491 1- 2 CREDITS  
Prereq: PERMISSION OF SUPERVISING STAFF  
Note: NO MORE THAN 2 CREDITS IN BIOL 491 MAY BE  
APPLIED TOWARD BIOLOGY ADVANCED COURSE DEGREE  
REQUIREMENTS  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP BIOL 494 1- 3 CREDITS  
Prereq: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN  
Note: NO MORE THAN 9 CREDITS IN BIOL 494 MAY BE  
APPLIED TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS  
MAY BE APPLIED TOWARD THE BIOL ADVANCED COURSE  
REQUIREMENT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: FOR JUNIORS AND SENIORS MAJORING IN BIOLOGY ONLY  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BIOL 498 R CREDIT  
Prereq: PERMISSION OF THE BIOLOGY PROGRAM  
COOPERATIVE EDUCATION COORDINATOR  
4546005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.

## BIOLOGY

(CONTINUED)

UG RESEARCH EXPRNCE BIOL 499 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS IN BIOL 499 MAY BE APPLIED  
TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE  
APPLIED TOWARD THE BIOLOGY ADVANCED COURSE REQUIREMNT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**BIOMEDICAL ENGINEERING**

BIOMED APP CHEM ENG B M E 440 3 CREDITS  
Prereq: (CH E 210 OR CH E 220); (MATH 266 OR MATH  
267); PHYS 232  
3105005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOSENSORS B M E 450 3 CREDITS  
0478005 1 TR 5:40-6:55PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOMATERIALS B M E 456 3 CREDITS  
Prereq: CHEM 178; (MAT E 216 OR MAT E 273 OR  
MAT E 392)  
3192005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY B M E 490 1- 6 CREDITS  
Prereq: PERMISSION OF PROFESSOR IN CHARGE OF  
BIOENGINEERING MINOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**BIOMEDICAL SCIENCES**

PRIN OF MORPHOLGY I B M S 330 6 CREDITS  
Prereq: FIRST-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FIRST-YEAR VET MED STUDENTS  
7450005 1 MF 1:10-2:00 THIPPESWAMY T  
TR 1:10-2:00 THIPPESWAMY T  
M 2:10-4:00 THIPPESWAMY T  
TR 2:10-4:00 THIPPESWAMY T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOMEDICAL SCIENC I B M S 333 6 CREDITS  
Prereq: FIRST-YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
1927005 1 TR 8:00-8:50  
F 9:00-9:50  
W 1:10-2:00  
M 10:00-10:50  
R 8:50-12:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1927010 2 TR 8:00-8:50  
F 9:00-9:50  
W 1:10-2:00  
M 10:00-10:50  
T 8:50-12:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MOL&CEL BASIS DISEA B M S 335 1 CREDIT  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
9176005 1 W 4:10-5:00 BECK J  
F 3:10-4:00  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

VETERINRY NUTRITION B M S 336 2 CREDITS  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
9177005 1 MW 11:00-11:50 BROWN J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLINICAL FOUNDATNS I B M S 339 1 CREDIT  
Prereq: FIRST-YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
8112005 1 W 9:50-11:00  
R 9:50-11:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8112010 2 W 9:50-11:00  
R 10:50-12:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8112015 3 W 9:50-11:00  
T 9:50-11:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8112020 4 W 9:50-11:00  
T 10:50-12:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8112025 5 W 9:50-11:00  
T 8:50-10:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8112030 6 W 9:50-11:00  
R 8:50-10:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction



## BIOMEDICAL SCIENCES

(CONTINUED)

CASE STUDY I B M S 345 1 CREDIT  
Prereq: FIRST-YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
6018005 1 F 10:00-11:50 CARNEVALE J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRINCPLS PHYSIOLOGY B M S 438 4 CREDITS  
Prereq: BIOL 212, BIOL 212L  
0956005 1 MW 2:10-3:00 BRACHA V  
TR 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHARMACOL&THERAPEUT B M S 443 3 CREDITS  
Prereq: B M S 354  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
3521005 1 MTF 10:00-10:50 CARLSON S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO HUM GROS ANAT B M S 447 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR FOR  
UNDERGRADUATE STUDENTS  
7615005 1 MF 8:00-8:50 LYONS M  
MWF 9:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO RSRCH CAREER B M S 450X 1 CREDIT  
Prereq: JUNIOR CLASSIFICATION OR HIGHER  
Satisfactory-Fail Only.  
3193005 1 ARRANGED MILLER C  
MEETS: AUG 21-OCT 13  
Note: Course delivery is Hybrid (Online and F2F)

INDEPENDENT STUDY B M S 490 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS B M S 490H 1- 5 CREDITS  
Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP  
Note: COURSE RESTRICTED TO STUDENTS IN THE  
UNIVERSITY HONORS PROGRAM ONLY  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RES MTHD BIOMED SCI B M S 501 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A  
B M S FACULTY MEMBER  
6978005 1 ARRANGED  
MEETS: AUG 21-DEC 15

BIOMED SCIENCE FUND B M S 503 1 CREDIT  
Prereq: ADMISSION TO B M S GRADUATE PROGRAM  
0788005 1 M 3:10-4:00 GREENLEE M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN MORPHOLOGY I B M S 530 6 CREDITS  
Prereq: 10 CR IN BIOL SCIENCE & INSTR PERMISSION  
Note: COURSE RESTRICTED TO COLLEGE OF VET MED GRAD  
STUDENTS  
6462005 1 MF 1:10-2:00  
TR 1:10-2:00  
M 2:10-4:00  
TR 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOMEDICAL SCIENC I B M S 533 6 CREDITS  
Prereq: FIRST-YEAR CLASSIFICATION IN V MED  
OR GRADUATE STUDENT STATUS  
9324010 2 TR 8:00-8:50  
F 9:00-9:50  
W 1:10-2:00  
M 10:00-10:50  
T 8:50-12:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MOLEC BASIS DISEASE B M S 535 1 CREDIT  
Prereq: GRADUATE STUDENT STATUS OR FIRST-YEAR  
CLASSIFICATION IN V MED  
0797005 1 W 4:10-5:00 BECK J  
F 3:10-4:00 BECK J  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

PRINCPLS PHYSIOLOGY B M S 538 4 CREDITS  
Prereq: GRAD STUDENT STANDING OR PERMISSION OF  
INSTRUCTOR  
7621005 1 MW 2:10-3:00 BRACHA V  
TR 2:10-3:00 BRACHA V  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## BIOMEDICAL SCIENCES

(CONTINUED)

INTR PROTEOMCS TCNQ B M S 542E 1 CREDIT  
Satisfactory-Fail Only.  
7220005 1 TR 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR METABLMCS TCNQ B M S 542F 1 CREDIT  
Satisfactory-Fail Only.  
9011005 1 M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHARMACOL&THERAPEUT B M S 543 3 CREDITS  
Prereq: B M S 354  
3523005 1 MTF 10:00-10:50 CARLSON S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO HUM GROS ANAT B M S 547 4 CREDITS  
Prereq: GRADUATE STANDING AND PREVIOUS BIOLOGY  
COURSEWORK OR INSTRUCTOR PERMISSION  
Note: STUDENTS MUST ALLOW ADDITIONAL TIME AFTER THE  
END OF CLASS - UNTIL 11:30 - FOR LAB CLEAN-UP  
7620005 1 MF 8:00-8:50 LYONS M  
MWF 9:00-10:50 LYONS M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO RSRCH CAREER B M S 550X 1 CREDIT  
Prereq: JUNIOR CLASSIFICATION OR HIGHER  
Satisfactory-Fail Only.  
3179005 1 ARRANGED  
MEETS: AUG 21-OCT 13  
Note: Course delivery is Hybrid (Online and F2F)

SPCL TOPICS ANATOMY B M S 590A 1- 7 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PHYSIOLOGY B M S 590B 1- 7 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC PHARMACOL B M S 590C 1- 7 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS CELL BIOL B M S 590D 1- 7 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT B M S 599 1- 3 CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM,  
PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH REVIEW B M S 688 1 CREDIT  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
8961005 1 ARRANGED BECK J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TOPICS ANATOMY B M S 690A 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC PHYSIOLOGY B M S 690B 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC PHARMACOL B M S 690C 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV TOPCS CELL BIOL B M S 690D 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SEMINAR B M S 698A R CREDIT  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
5776005 1 R 12:10-1:00 CHO M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEMINAR B M S 698B 1 CREDIT  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
Satisfactory-Fail Only.  
6995005 1 R 12:10-1:00 CHO M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEMINAR B M S 698C 1 CREDIT  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
9735005 1 R 12:10-1:00 CHO M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## BIOMEDICAL SCIENCES

(CONTINUED)

RESEARCH ANATOMY B M S 699A VAR. CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PHYSIOLOGY B M S 699B VAR. CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH PHARMACOLOGY B M S 699C VAR. CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CELL BIOL B M S 699D VAR. CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**BUSINESS ADMINISTRATION**

BUS LRN TEAM ORIENT BUSAD 102 1 CREDIT  
Note: CREDIT IN ONLY ONE OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: BUSAD 102 OR BUSAD 103.  
COURSE RESTRICTED TO BUSINESS STUDENTS ENROLLED  
IN A LEARNING TEAM.

6245005 1 M 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245010 2 W 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245015 3 F 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245020 4 M 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245025 5 W 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245030 6 W 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245035 7 M 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245040 8 W 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245045 9 F 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245050 10 M 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245055 11 W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245060 12 W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245065 13 M 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245070 14 M 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245075 15 W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6245080 16 M 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ORIENTATION BUSAD 103 1 CREDIT  
Note: CREDIT IN ONLY ONE OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: BUSAD 102 OR BUSAD 103

9404005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

9404010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

9404015 3 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

9404020 4 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 4 RESTRICTED TO P BBA, BBA MAJORS  
Course delivery is WWW

BUS PROFESS DEVELOP BUSAD 203 1 CREDIT  
Prereq: BUSAD 102 OR BUSAD 103  
Note: COURSE NOT OPEN TO FIRST TERM FRESHMEN

8860005 1 M 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8860010 2 M 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8860015 3 M 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8860020 4 W 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## BUSINESS ADMINISTRATION

(CONTINUED)

BUS PROFESS DEVELOP BUSAD 203 1 CREDIT  
8860025 5 W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8860030 6 F 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8860035 7 M 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8860040 8 W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8860045 9 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

8860050 10 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

8860055 11 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 11 RESTRICTED TO P BBA, BBA MAJORS ONLY  
Course delivery is WWW

ENTREPRENSHP SEMINR BUSAD 292 1 CREDIT  
8304005 1 R 9:30-10:45 EYLES J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO TO INTL BUS BUSAD 301 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO BUSINESS STUDENTS  
SOPH & ABOVE

0884005 1 M 6:00-8:45PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EXP DOMESTIC INTERNS BUSAD 391A 1 CREDIT  
Prereq: 12 CREDITS FROM COLLEGE OF BUSINESS;  
WRITTEN APPROVAL OF CAREER SERVICES INTERNSHIP  
COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING  
EXPERIENCE  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EXP INT'L INTERNSHP BUSAD 391B 1 CREDIT  
Prereq: 12 CREDITS FROM COLLEGE OF BUSINESS;  
WRITTEN APPROVAL OF CAREER SERVICES INTERNSHIP  
COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING  
EXPERIENCE  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BUSAD 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT  
Note: NO MORE THAN 3 ADDITIONAL CREDITS MAY BE  
TAKEN IN SAME SEMESTER AS BUSAD 398  
COLLEGE PERMISSION REQUIRED. GO TO 1320  
GERDIN TO ADD COURSE  
Satisfactory-Fail Only.

6147005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: College permission required - go to  
1200 Gerdin.

IND STUDY INT'L BUS BUSAD 490A 1- 3 CREDITS  
Prereq: ACCEPTANCE IN PROFESSIONAL PROGRAM  
IN BUSINESS; PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.

3097018 1 ARRANGED  
MEETS: AUG 21-DEC 15

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS  
Prereq: SENIOR CLASSIFICATION; PERMISSION  
OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2023  
Instructor permission required.

3635005 1 ARRANGED  
MEETS: AUG 21-DEC 15

3635064 BK ARRANGED  
MEETS: AUG 21-DEC 15

3635625 MW ARRANGED MALONE W  
MEETS: AUG 21-DEC 15

3635460 RB ARRANGED BHATTACHARYYA R  
MEETS: AUG 21-DEC 15

3635636 WR ARRANGED ROSE W  
MEETS: AUG 21-DEC 15

INDEPENDENT STUDY BUSAD 490G 1- 3 CREDITS  
Prereq: ACCEPTANCE IN PROFESSIONAL PROGRAM  
IN BUSINESS; PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.

3634005 1 ARRANGED  
MEETS: AUG 21-DEC 15

## BUSINESS ADMINISTRATION (CONTINUED)

INDEP STUDY HONORS BUSAD 490H 1- 3 CREDITS  
Prereq: ADMISSION TO THE BUSINESS HONORS PROGRAM  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

QUANT BUS ANLY&DECI BUSAD 502 3 CREDITS  
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION  
Note: COURSE RESTRICTED TO BUSAD MAJORS ONLY  
9351005 1 TR 7:30-10:50  
MEETS: AUG 28-OCT 5  
Note: Course delivery is On-site instruction

SPECL TOPICS BUSNSS BUSAD 590 3 CREDITS  
Prereq: ENROLLMENT IN MBA PROGRAM OR PERMISSION OF DEPARTMENT  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRO EXPERIENTL LRNG BUSAD 591 1- 5 CREDITS  
Prereq: GRADUATE STANDING; WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MBA PRO SKILLS DEVE BUSAD 592 R CREDIT  
Prereq: ADMISSION TO FULL-TIME MBA PROGRAM  
Note: COURSE RESTRICTED TO GRADUATE BUSAD MAJORS ONLY  
Satisfactory-Fail Only.  
7958005 1 F 7:45-10:30  
MEETS: SEPT 1-NOV 17  
Note: Course delivery is On-site instruction

BUS SPCLTY MASTR SM BUSAD 593X R CREDIT  
Prereq: ADMISSION TO FULL-TIME IVY MASTERS PROGRAM  
Satisfactory-Fail Only.  
4547005 1 M 5:10-6:00PM  
MEETS: AUG 28-OCT 9  
Note: SECTION 1 OPEN TO ALL IVY SPECIALTY MASTERS STUDENTS  
Course delivery is On-site instruction

COOPERATIVE EDUCATN BUSAD 598 R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
7906005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CREATIV COMP ACNTG BUSAD 599A 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP FINANC BUSAD 599C 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MANAGMT BUSAD 599E 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MARKTG BUSAD 599F 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP MGT INF SY BUSAD 599K 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATV COMPONEN SCM BUSAD 599L 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BUSAD 699 3- 6 CREDITS  
Prereq: GRAD CLASSIF, PERMISSION OF MAJOR PROF  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CHEMICAL ENGINEERING (CONTINUED)

LEARNING COMMUNITY CH E 104 R CREDIT  
3630025 5 T 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3630030 6 R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3630035 7 R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CH E PROBL CPTR LAB CH E 160 3 CREDITS  
Prereq: (MATH 143 OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT EXAMINATIONS); CREDIT OR CONCURRENT ENROLLMENT IN MATH 165  
Note: ONLY ONE OF ENGR 160, A B E 160, AER E 160, CH E 160, C E 160, CPR E 185, E E 185, I E 148, M E 160 AND S E 185 MAY COUNT TOWARDS GRADUATION. CLASSROOM TIMES ARE LAB. LECTURE WILL BE DELIVERED ONLINE. COURSE RESTRICTED TO CH E, C E, ENV E MAJORS ONLY.  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

2778005 1 ARRANGED  
MW 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2778010 2 ARRANGED, MW 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2778015 3 ARRANGED, MW 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2778020 4 ARRANGED, MW 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEMINAR CH E 202 R CREDIT  
Note: COURSE RESTRICTED TO CH E MAJORS ONLY  
Satisfactory-Fail Only.  
2432005 1 R 3:40-4:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONTINU LEARN COMM CH E 204 R CREDIT  
Prereq: ENROLLMENT IN CH E LEARNING COMMUNITY  
Satisfactory-Fail Only.  
8171005 1 T 9:30-10:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CH E PROGRSS ASESMT CH E 205 R CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CH E 160; CHEM 178; MATH 166  
Note: MEETING TIME ARRANGED, EXCEPT FOR ONE-TIME Satisfactory-Fail Only.  
2531005 1 T 3:40-4:30  
MEETS: AUG 21-DEC 15  
Note: MANDATORY MEETING AUG 31 AT 5:30-6:20PM.  
Course delivery is On-site instruction

MATRL &ENERGY BALNC CH E 210 3 CREDITS  
Prereq: CH E 160; CHEM 178; MATH 166  
2429005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR UG RES/INDP ST CH E 290 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COMPUT MTHDS CHEM E CH E 310 3 CREDITS  
Prereq: CH E 160; CH E 205; CH E 210; MATH 265  
2104005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CHEMICAL ENGR LAB I CH E 325 2 CREDITS  
Prereq: CH E 357; CH E 381; (CREDIT OR CONCURRENT ENROLLMENT IN ENGL 309 OR ENGL 312 OR ENGL 314 OR JL MC 347)  
Note: Instructor permission required 1st week.  
5699005 1 MW 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5699010 2 MW 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5699015 3 MW 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5699020 4 MW 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

**CHEMICAL ENGINEERING**

LEARNING COMMUNITY CH E 104 R CREDIT  
Prereq: ENROLLMENT IN CH E LEARNING TEAM  
Satisfactory-Fail Only.  
3630005 1 W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3630010 2 W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3630015 3 T 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3630020 4 T 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## CHEMICAL ENGINEERING

(CONTINUED)

TRANSPRT PHENOMEN I CH E 356 3 CREDITS  
Prereq: CH E 205; CH E 210; PHYS 231; PHYS 231L;  
CREDIT OR CONCURRENT ENROLLMENT IN MATH 267  
2435005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TRANSPRT PHENOMN II CH E 357 3 CREDITS  
Prereq: CH E 356  
Note: CREDIT FOR ONLY FS HN 351 OR CH E 357 MAY BE  
APPLIED TOWARD GRADUATION FOR THE FOOD SCIENCE MINOR  
2436005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEPARATIONS CH E 358 3 CREDITS  
Prereq: CH E 310; CH E 357; CH E 381  
2437005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CH E THERMODYNAMICS CH E 381 3 CREDITS  
Prereq: CH E 202; CHEM 325; MATH 267; PHYS 232;  
(CREDIT OR CONCURRENT ENROLLMENT IN CH E 310; PHYS  
232L)  
2438005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CHEMICAL REACTN ENGR CH E 382 3 CREDITS  
Prereq: CH E 310; CH E 381; CREDIT OR CONCURRENT  
ENROLLMENT IN CH E 357  
2439005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SURFAC&COLLOID CHEM CH E 408 3 CREDITS  
Prereq: CH E 381  
2106005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ELECTROCHEMICAL ENGR CH E 410 3 CREDITS  
Prereq: CH E 357; CH E 381; CH E 382  
0390005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CHEMC PROCSS SAFETY CH E 420 3 CREDITS  
Prereq: CH E 357; CH E 381  
Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.  
7965005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7965010 2 MWF 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROCESS CONTROL CH E 421 3 CREDITS  
Prereq: CH E 358; CH E 382; MATH 267  
2447005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CHEMICAL ENGR LAB II CH E 426 2 CREDITS  
Prereq: CH E 325; CH E 358; CH E 382  
Note: COURSE RESTRICTED TO CH E SENIORS GRADUATING F'21  
MUST REGISTER VIA CBE DEPARTMENT WAITLIST. PLEASE  
CONTACT YOUR ADVISOR. CREDIT FOR EITHER CH E 426 OR  
CH E 427, BUT NOT BOTH, MAY BE APPLIED TOWARD  
GRADUATION.  
Instructor permission required 1st week.  
2448005 1 T 8:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2448010 2 R 8:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2448015 3 T 2:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CHM ENG PROD DESIGN CH E 429 3 CREDITS  
Prereq: CH E 358 AND CH E 382  
0740005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROCES&PLANT DESIGN CH E 430 4 CREDITS  
Prereq: CH E 358; CH E 382  
Note: COURSE RESTRICTED TO CH E MAJORS GRADUATING FALL  
2022  
2449005 1 MW 8:50-9:40  
MW 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## CHEMICAL ENGINEERING

(CONTINUED)

BIOMED APP CHEM ENG CH E 440 3 CREDITS  
Prereq: (CH E 210 OR CH E 220); (MATH 266 OR MATH  
267); PHYS 232  
2108005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

UG RESRCH/IND STUDY CH E 490 1- 6 CREDITS  
Prereq: PERMISSION OF DEPARTMENT  
Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE  
APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS CH E 490H 1- 6 CREDITS  
Prereq: MEMBERSHIP IN THE HONORS PROGRAM  
Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE  
APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES.  
RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS  
PROGRAM ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED INDST RSRCH CH E 499 3 CREDITS  
Prereq: CH E 205; CH E 210; PERMISSION OF  
INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SURFAC&COLLOID CHEM CH E 508 3 CREDITS  
2135005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ELECTROCHEMICAL ENGR CH E 510 3 CREDITS  
Prereq: CH E 357; CH E 381; CH E 382  
0391005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOMED APP CHEM ENG CH E 540 3 CREDITS  
Prereq: (CH E 210 OR CH E 220); (MATH 266 OR MATH  
267); PHYS 232  
2462005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANALYT&NUMERC METHD CH E 545 3 CREDITS  
Prereq: CH E 358, MATH 267  
2463005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TRANSPORT PHENOMENA CH E 554 4 CREDITS  
Prereq: CH E 357, CH E 381, MATH 267, CREDIT OR  
ENROLLMENT IN CH E 545  
8238005 1 MWF 8:50-9:40  
T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV THERMODYNAMICS CH E 583 3 CREDITS  
Prereq: CH E 381  
2467005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY CH E 590 2- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT CH E 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CH E 601 R CREDIT  
Satisfactory-Fail Only.  
2479005 1 R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY CH E 692 2- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC BIOMATERLS CH E 695K VAR. CREDITS  
9723005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGINEER INTERNSHIP CH E 697 R CREDIT  
Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF  
2116005 1 ARRANGED  
MEETS: AUG 21-DEC 15

TEACHING PRACTICUM CH E 698A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION, PERMISSION  
OF INSTRUCTOR  
Satisfactory-Fail Only.  
2774005 1 M 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## CHEMICAL ENGINEERING

(CONTINUED)

TCHG PRACTICM:EXPRC CH E 698B 1 CREDIT

Prereq: CH E 698A

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CH E 699 VAR. CREDITS

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**CHEMISTRY**

COLLEGE CHEM PREP CHEM 50 0 CREDITS

Note: DEVELOPMENTAL CHEM FEE APPLIES. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEE. CREDIT FOR CHEM 50 DOES NOT APPLY TOWARD GRADUATION.

4523005 1 MF 9:55-10:45

W 7:45-8:35

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

4523010 2 MF 9:55-10:45

W 8:50-9:40

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

4523015 3 MF 9:55-10:45

W 9:55-10:45

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

4523020 4 MF 9:55-10:45

W 11:00-11:50

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

4523025 5 MF 9:55-10:45

W 12:05-12:55

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

4523030 6 MF 9:55-10:45

W 1:10-2:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

4523035 7 MF 9:55-10:45

W 2:15-3:05

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

4523040 8 MWF 2:15-3:05

TR 2:10-3:00

MEETS: OCT 16-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

ON CAMPUS ORIENTATN CHEM 101A 1 CREDIT

Satisfactory-Fail Only.

4760005 1 T 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

PHYSCL SC FOR EL ED CHEM 102L 3 CREDITS

Prereq: MATH 140 OR MATH 195

8675005 1 M 3:20-4:10

TR 8:00-9:50

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8675010 2 M 3:20-4:10

TR 10:00-11:50

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8675015 3 M 3:20-4:10

TR 12:10-2:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8675020 4 M 3:20-4:10

TR 2:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8675025 5 M 3:20-4:10

TR 4:10-6:00PM

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8675030 6 M 3:20-4:10

WF 7:45-9:35

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8675035 7 M 3:20-4:10

WF 9:55-11:45

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8675040 8 M 3:20-4:10

WF 12:05-1:55

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8675045 9 M 3:20-4:10

WF 2:15-4:05

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

## CHEMISTRY

(CONTINUED)

RESRCH&amp;CAREER OPPOR CHEM 110 1 CREDIT

Satisfactory-Fail Only.

8862005 1 R 4:10-5:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

CHEM IN MOD SOCIETY CHEM 160 3 CREDITS

2488005 1 TR 11:00-12:15

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS

Prereq: CREDIT OR CONCURRENT ENROLLMENT IN

CHEM 163L

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES

(AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD

GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201.

TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.

Night exams scheduled. For dates go to

<http://www.registrar.iastate.edu/students/exams/>

night-exams

2489015 1 MWF 7:45-8:35

W 8:50-9:40

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489020 2 MWF 7:45-8:35

W 8:50-9:40

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489025 3 MWF 7:45-8:35

W 9:55-10:45

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489030 4 MWF 7:45-8:35

W 11:00-11:50

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489035 5 MWF 7:45-8:35

W 12:05-12:55

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489040 6 MWF 7:45-8:35

W 12:05-12:55

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489045 7 MWF 7:45-8:35

W 1:10-2:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489050 8 MWF 7:45-8:35

W 2:15-3:05

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489055 9 MWF 7:45-8:35

W 2:15-3:05

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489060 10 MWF 7:45-8:35

W 3:20-4:10

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489065 11 MWF 7:45-8:35

W 4:25-5:15

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489070 12 MWF 2:15-3:05

W 7:45-8:35

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489075 13 MWF 2:15-3:05

W 7:45-8:35

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489080 14 MWF 2:15-3:05

W 8:50-9:40

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489085 15 MWF 2:15-3:05

W 9:55-10:45

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489090 16 MWF 2:15-3:05

W 9:55-10:45

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Section info: <http://courses.chem.iastate.edu/>

2489095 17 MWF 2:15-3:05

W 11:00-11:50

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

## CHEMISTRY

(CONTINUED)

## COLLEGE CHEMISTRY I CHEM 163 4 CREDITS

Section info: <http://courses.chem.iastate.edu/>  
 2489100 18 MWF 2:15-3:05  
 W 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2489105 19 MWF 2:15-3:05  
 W 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2489110 20 MWF 2:15-3:05  
 W 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2489115 21 MWF 2:15-3:05  
 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2489041 22 MWF 2:15-3:05  
 W 4:25-5:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

## GENERAL CHEM LAB I CHEM 163L 1 CREDIT

Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CHEM 163  
 Note: MUST BE ACCOMPANIED BY CHEM 163 UNLESS STUDENT ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L  
 2490005 1 M 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490010 2 M 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490015 3 M 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490020 4 M 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490025 5 M 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490030 6 M 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490035 7 M 6:15-9:05PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490040 8 M 6:10-9:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490045 9 T 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490050 10 T 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490055 11 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490060 12 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490065 13 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490070 14 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490075 15 W 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490080 16 W 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490085 17 W 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490090 18 W 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## CHEMISTRY

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## GENERAL CHEM LAB I CHEM 163L 1 CREDIT

Section info: <http://courses.chem.iastate.edu/>  
 2490095 19 W 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490100 20 W 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490105 21 R 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490110 22 R 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490115 23 R 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490120 24 R 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490125 25 R 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2490130 26 R 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

## ENGNRS GENERAL CHEM CHEM 167 4 CREDITS

Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED. Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>  
 2493005 1 MWF 9:55-10:45  
 T 8:00-8:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2493010 2 MWF 9:55-10:45  
 T 8:00-8:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2493015 3 MWF 9:55-10:45  
 T 9:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2493020 4 MWF 9:55-10:45  
 T 9:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2493025 5 MWF 9:55-10:45  
 T 10:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2493030 6 MWF 9:55-10:45  
 T 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2493035 7 MWF 9:55-10:45  
 T 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2493040 8 MWF 9:55-10:45  
 T 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2493045 9 MWF 9:55-10:45  
 T 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2493050 10 MWF 9:55-10:45  
 T 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2493055 11 MWF 9:55-10:45  
 T 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2493060 12 MWF 9:55-10:45  
 T 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>



## CHEMISTRY

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## ENGNRS GENERAL CHEM CHEM 167 4 CREDITS

- 2493256 56 MWF 3:20-4:10  
T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2493257 57 MWF 3:20-4:10  
T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2493258 58 MWF 3:20-4:10  
T 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2493259 59 MWF 3:20-4:10  
T 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2493260 60 MWF 3:20-4:10  
T 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2493261 61 MWF 3:20-4:10  
T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2493262 62 MWF 3:20-4:10  
T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2493263 63 MWF 3:20-4:10  
T 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2493264 64 MWF 3:20-4:10  
T 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2493265 65 MWF 3:20-4:10  
T 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ENGINR GEN CHEM LAB CHEM 167L 1 CREDIT

- Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CHEM 167  
Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L.
- 2494005 1 M 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2494010 2 M 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2494015 3 T 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2494020 4 T 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2494025 5 T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2494030 6 T 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2494035 7 W 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2494040 8 M 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2494045 9 W 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2494050 10 W 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2494055 11 R 9:00-12:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 2494060 12 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## GENERAL CHEMISTRY I CHEM 177 4 CREDITS

- Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CHEM 177L  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED. Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
- 2495005 1 MWF 1:10-2:00  
R 8:00-8:50  
MEETS: AUG 21-DEC 15

## CHEMISTRY

(CONTINUED)

## GENERAL CHEMISTRY I CHEM 177 4 CREDITS

- Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495010 2 MWF 1:10-2:00  
R 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495015 3 MWF 1:10-2:00  
R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495020 4 MWF 1:10-2:00  
R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495025 5 MWF 1:10-2:00  
R 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495030 6 MWF 1:10-2:00  
R 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495035 7 MWF 1:10-2:00  
R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495040 8 MWF 1:10-2:00  
R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495045 9 MWF 1:10-2:00  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495050 10 MWF 1:10-2:00  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495055 11 MWF 1:10-2:00  
R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495060 12 MWF 1:10-2:00  
R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495065 13 MWF 1:10-2:00  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495070 14 MWF 1:10-2:00  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495075 15 MWF 1:10-2:00  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495080 16 MWF 11:00-11:50  
R 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495085 17 MWF 11:00-11:50  
R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495090 18 MWF 11:00-11:50  
R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495095 19 MWF 11:00-11:50  
R 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495100 20 MWF 11:00-11:50  
R 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495105 21 MWF 11:00-11:50  
R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>
- 2495110 22 MWF 11:00-11:50  
R 11:00-11:50  
MEETS: AUG 21-DEC 15





## CHEMISTRY

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LAB GENERAL CHEM I CHEM 177L 1 CREDIT  
2496180 36 W 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496185 37 W 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496190 38 W 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496195 39 W 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496200 40 W 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496205 41 W 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496210 42 W 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496215 43 W 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496220 44 W 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496225 45 W 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496230 46 W 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496235 47 W 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496240 48 W 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496245 49 W 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496250 50 W 6:20-9:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496255 51 W 6:20-9:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496260 52 W 6:20-9:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496265 53 R 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496270 54 R 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496275 55 R 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496280 56 R 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496285 57 R 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496290 58 R 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496295 59 R 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496300 60 R 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496305 61 R 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

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LAB GENERAL CHEM I CHEM 177L 1 CREDIT  
2496310 62 R 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496315 63 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496320 64 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496325 65 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496330 66 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496335 67 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496340 68 R 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496345 69 R 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2496350 70 R 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

LAB GENERAL CHEM I CHEM 177N 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CHEM 177  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L. RESTRICTED TO CHEM, BIOCH, AGBIO MAJORS ONLY.

2498005 71 M 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2498010 72 M 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2498015 73 M 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2498020 74 M 6:20-9:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2498025 75 T 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2498030 76 T 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2498035 77 T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2498040 78 T 6:20-9:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

GENERAL CHEMISTRY II CHEM 178 3 CREDITS  
Prereq: CHEM 163 OR CHEM 167 OR (CHEM 177; CHEM 177L)  
Note: TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

2499005 1 TR 11:00-11:50  
F 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2499010 2 TR 11:00-11:50  
F 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2499015 3 TR 11:00-11:50  
F 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

2499016 4 TR 11:00-11:50  
F 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

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GENERAL CHEMISTRY II CHEM 178 3 CREDITS  
 2499017 5 TR 11:00-11:50  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499013 6 TR 11:00-11:50  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499020 7 TR 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499025 8 TR 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499030 9 TR 11:00-11:50  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499035 10 TR 11:00-11:50  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499040 11 TR 11:00-11:50  
 F 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499045 12 MW 1:10-2:00  
 F 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499050 13 MW 1:10-2:00  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499055 14 MW 1:10-2:00  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499060 15 MW 1:10-2:00  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499065 16 MW 1:10-2:00  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499070 17 MW 1:10-2:00  
 F 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2499075 18 MW 1:10-2:00  
 F 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

LAB GENERAL CHEM II CHEM 178L 1 CREDIT  
 Prereq: CHEM 177L; CREDIT OR CONCURRENT ENROLLMENT IN CHEM 178  
 2500005 1 M 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500010 2 M 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500015 3 M 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500020 4 M 6:15-9:05PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500025 5 T 7:45-10:45PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500030 6 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500035 7 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500040 8 T 6:10-9:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## CHEMISTRY

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LAB GENERAL CHEM II CHEM 178L 1 CREDIT  
 Section info: <http://courses.chem.iastate.edu/>  
 2500045 9 W 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500050 10 W 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500055 11 W 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500060 12 R 7:45-10:45PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500065 13 R 7:45-10:45PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500070 14 R 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500075 15 R 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500080 16 R 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2500085 17 R 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

ADV GENERAL CHEM CHEM 201 5 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH 165 OR MATH 166 OR MATH 265; CONCURRENT ENROLLMENT IN CHEM 201L  
 Note: FOR CHEMISTRY, BIOCHEMISTRY, AND CHEMICAL ENGR MAJORS. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201.  
 2353005 1 MTWR 1:10-2:00  
 F 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 2353010 2 MTWR 1:10-2:00  
 F 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

LAB ADV GENRL CHEM CHEM 201L 1 CREDIT  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN 201  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L  
 7733005 1 M 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7733010 2 T 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7733015 3 W 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7733020 4 R 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7733025 5 F 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

QUANT&ENVIRO ANALYS CHEM 211 2 CREDITS  
 Prereq: (CHEM 163; CHEM 163L; CHEM 178; CHEM 201; CHEM 201L); CONCURRENT ENROLLMENT IN CHEM 211L  
 2503005 1 MW 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

QNT&ENVIRO ANALY LAB CHEM 211L 2 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CHEM 211  
 3678005 1 MW 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 3678010 2 TR 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 3678015 3 TR 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## CHEMISTRY

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QNT&ENVR ANALY LAB CHEM 211L 2 CREDITS  
 Section info: <http://courses.chem.iastate.edu/>  
 3678020 4 TR 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

ELEM ORGANIC CHEM CHEM 231 3 CREDITS  
 Prereq: (CHEM 163; CHEM 163L) OR (CHEM 177; CHEM 177L) OR CHEM 167; CREDIT OR CONCURRENT ENROLLMENT IN CHEM 231L  
 Note: ONLY ONE OF CHEM 231 AND CHEM 331 OR BBMB 221 MAY COUNT TOWARD GRADUATION  
 2504005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CHEM 231; (CHEM 163L OR CHEM 177L)  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L  
 7900005 1 M 7:45-10:35  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7900010 2 M 12:05-2:55  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7900015 3 M 3:20-6:10PM  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7900020 4 M 6:10-9:00PM  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7900025 5 T 9:00-11:50  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7900030 6 T 12:10-3:00  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7900035 7 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7900040 8 T 6:10-9:00PM  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>  
 7900045 9 W 8:00-11:50  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

FRESH&SOPH RESEARCH CHEM 299 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INSTRUMTL MTH ANALY CHEM 316 2 CREDITS  
 Prereq: CHEM 211; CHEM 211L; MATH 166;  
 CONCURRENT ENROLLMENT IN CHEM 316L

2509005 1 MW 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

INSTRUM ANALYS LAB CHEM 316L 2 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CHEM 316

3686005 1 MW 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

3686010 2 MW 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

3686015 3 TR 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

3686020 4 TR 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

3686025 5 TR 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## CHEMISTRY

(CONTINUED)

INTR QUANTUM MECHAN CHEM 324 3 CREDITS  
 Prereq: CHEM 178; MATH 166; PHYS 232  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>

5202005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5202010 2 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

CHEMICAL THERMODYNAM CHEM 325 3 CREDITS  
 Prereq: CHEM 178; MATH 166; PHYS 232  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>

5224005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5224010 2 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

ORGANIC CHEMISTRY I CHEM 331 3 CREDITS  
 Prereq: CHEM 178 OR CHEM 201  
 Note: CREDIT FOR EITHER CHEM 331 (AND 331L) OR CHEM 231 (AND 231L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>

2516005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

2516010 2 TR 2:10-3:30  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

2516015 3 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15

Note: SECTION 3 RESTRICTED TO CHEM, AGBIO, BIOCH, CH E MAJORS. OTHER STUDENTS WHO ARE PREPARED FOR A MORE FOCUSED PRESENTATION WILL NEED A SIGNATURE FROM THE CHEMISTRY DEPARTMENT TO ADD.

Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

2516020 4 ARRANGED  
 MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT  
 Prereq: CHEM 177L; CREDIT OR CONCURRENT ENROLLMENT IN CHEM 331

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L

5270005 1 M 8:50-11:40  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5270010 2 M 12:05-2:55  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5270015 3 M 3:20-6:10PM  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5270020 4 M 6:10-9:00PM  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5270025 5 T 9:00-11:50  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5270030 6 T 12:10-3:00  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5270035 7 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5270040 8 W 8:50-11:40  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5270050 10 W 12:05-2:55  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5270055 11 W 3:20-6:10PM  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

5270060 12 W 6:10-9:00PM  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

Note: Course delivery is On-site instruction  
 Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY (CONTINUED)

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT  
5270065 13 R 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>  
5270070 14 R 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>  
5270075 15 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>  
5270080 16 R 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

ORGANIC CHEMISTRY II CHEM 332 3 CREDITS  
Prereq: CHEM 331  
2517005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT  
Prereq: CHEM 331L; CREDIT OR CONCURRENT  
ENROLLMENT IN CHEM 332  
Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L,  
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
5272005 1 R 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>  
5272010 2 W 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>  
5272015 3 W 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>  
5272020 4 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

LAB ORGANIC CHEM III CHEM 333L 2 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
CHEM 331  
Note: RESTRICTED TO CHEM, BIOCH, BIOPH, AGBIO MAJORS.  
CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY  
BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L,  
CHEM 333L.  
5271005 1 MW 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>  
5271010 2 MW 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>  
5271015 3 MW 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

UNDERGRAD RESEARCH CHEM 399 VAR. CREDITS  
Prereq: SOPHOMORE, JUNIOR, OR SENIOR  
CLASSIFICATION; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND  
CHEM 499 MAY BE APPLIED TOWARD GRADUATION. CREDITS  
EARNED IN CHEM 399/CHEM 499/CHEM 490 MAY ONLY BE  
USED TO MEET ONE OF THE ADVANCED COURSE REQUIREMENTS  
FOR THE B.S. DEGREE.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INORGANIC CHEM LAB CHEM 401L 1 CREDIT  
Prereq: CHEM 402  
Note: COURSE RESTRICTED TO CHEM MAJORS GRADUATING F2022  
2524005 1 T 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2524015 2 T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV INORGANIC CHEM CHEM 402 3 CREDITS  
Prereq: CHEM 301  
2525005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

INDEPENDENT STUDY CHEM 490 VAR. CREDITS  
Prereq: 6 CREDITS IN CHEM AT 300 LEVEL OR HIGHER;  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE  
APPLIED TOWARD GRADUATION. CREDITS EARNED IN  
CHEM 399/CHEM 499/CHEM 490 MAY ONLY BE USED TO MEET  
ONE OF THE ADVANCED COURSE REQUIREMENTS FOR THE B.S.  
DEGREE.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CHEMISTRY (CONTINUED)

COOPERATIVE EDUCATION CHEM 498 R CREDIT  
Prereq: SENIOR CLASSIFICATION; DEPARTMENT  
COOPERATIVE EDUCATION COORDINATOR PERMISSION  
4841005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SENIOR RESEARCH CHEM 499 2- 3 CREDITS  
Prereq: 3.0 GPA IN CHEM, PHYS, AND MATH COURSES;  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND  
CHEM 499 MAY BE APPLIED TOWARD GRADUATION. CREDITS  
EARNED IN CHEM 399/CHEM 499/CHEM 490 MAY ONLY BE  
USED TO MEET ONE OF THE ADVANCED COURSE REQUIREMENTS  
FOR THE B.S. DEGREE.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INORGANIC PREPARATIONS CHEM 501L 1 CREDIT  
Prereq: CHEM 402  
2530005 1 T 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>  
2530010 2 T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

ADV INORGANIC CHEM CHEM 502 3 CREDITS  
Prereq: CHEM 402, RECOMMENDED: CHEM 331.  
8155005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://courses.chem.iastate.edu/>

PHYSICAL INORGANIC CHEM CHEM 505 3 CREDITS  
Prereq: CHEM 402 OR CHEM 502, CHEM 324  
2532005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV ANALYTICAL CHEM CHEM 511 3 CREDITS  
Prereq: CHEM 316 AND CHEM 316L  
2536005 1 MWF 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ELECTROCHEMISTRY ONLY CHEM 512 3 CREDITS  
Prereq: CHEM 316, CHEM 316L; RECOMMENDED BUT NOT  
REQUIRED CHEM 324, CHEM 322L  
2537005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ORGANIC SYNTHESIS I CHEM 531 3 CREDITS  
Prereq: CHEM 332  
9267005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHYS ORGANIC CHEM I CHEM 537 3 CREDITS  
Prereq: CHEM 332  
2542005 1 MW 1:30-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FUNDAMENTAL MECHANISM CHEM 561 4 CREDITS  
Prereq: CHEM 324  
2548005 1 MW 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECTROSCOPY OF ORGANIC COMPOUNDS CHEM 572 3 CREDITS  
Prereq: CHEM 332  
2555005 1 TR 2:10-3:00  
S 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRODUCTION TO CHEMICAL RESEARCH CHEM 579 R CREDIT  
8083005 1 TR 8:00-8:50  
F 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRODUCTION TO QUANTUM CHEMISTRY CHEM 580 3 CREDITS  
Prereq: 324  
8438005 1 T 9:30-10:45  
R 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

NON-TRADITIONAL RESEARCH CHEM 599 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CHEMISTRY (CONTINUED)

SEMINR INORGNC CHEM CHEM 600 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2563005 1 W 4:25-5:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SEMNR ANALYTIC CHEM CHEM 611 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2565005 1 F 2:30-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2566005 1 F 1:10-2:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SEMNR PHYSICAL CHEM CHEM 660 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2568005 1 F 4:25-5:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RESEARCH CHEM 699 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CHINESE

ELEM MAND CHINESE I CHIN 101 4 CREDITS  
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
 7373005 1 MW 9:55-10:45  
 TR 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7373010 2 MW 2:15-3:05  
 TR 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTMD MAND CHINES I CHIN 201 4 CREDITS  
 Prereq: CHIN 102  
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
 Meets international perspectives reqmt  
 7767005 1 MW 11:00-11:50  
 TR 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADV MANDARIN CHIN I CHIN 301 3 CREDITS  
 Prereq: CHIN 202  
 Note: Meets international perspectives reqmt  
 6636005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CHINESE FILM&SOCIET CHIN 378 3 CREDITS  
 Prereq: ENGL 150  
 Note: Meets international perspectives reqmt  
 9762005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDEPENDENT STUDY CHIN 490 1- 6 CREDITS  
 Prereq: 6 CR IN CHIN; PERMISSION OF DEPARTMENT  
 CHAIR  
 Note: Permission of department chair required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CIVIL ENGINEERING

GEOMATICS C E 111 3 CREDITS  
 Prereq: C E 160; C E 170; MATH 165  
 Note: COURSE RESTRICTED TO C E, CON E, ENV V MAJORS  
 ONLY

7242005 1 MF 2:15-3:05  
 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7242010 2 MF 2:15-3:05  
 W 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7242015 3 MF 2:15-3:05  
 T 8:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7242020 4 MF 2:15-3:05  
 R 8:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## CIVIL ENGINEERING (CONTINUED)

CIVIL ENGR LRN COMM C E 120 1 CREDIT  
 8518005 1 TR 4:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 FOR FRESHMAN  
 Course delivery is On-site instruction

8518010 2 TR 4:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 FOR TRANSFER STUDENTS  
 Course delivery is On-site instruction

ENGR PROB CMPUT LAB C E 160 3 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
 MATH 165  
 Note: COURSE RESTRICTED TO C E, CON E MAJORS ONLY.  
 CREDIT IN ONLY ONE OF THE FOLLOWING COURSES  
 MAY BE APPLIED TOWARD GRADUATION: ENGR 160, A B E  
 160, AER E 160, C E 160, CH E 160, CPR E 185, E E  
 185, I E 148, M E 160, AND S E 185  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2911005 1 MF 1:10-2:00  
 W 8:50-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2911010 2 MF 1:10-2:00  
 W 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2911015 3 MF 1:10-2:00  
 R 9:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2911020 4 MF 1:10-2:00  
 R 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CIVIL ENGR GRAPHICS C E 170 2 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH  
 143 OR MATH 145 (OR SATISFACTORY SCORES ON  
 MATHEMATICS PLACEMENT ASSESSMENTS)  
 Note: COURSE RESTRICTED TO C E, CON E, AND ENV E  
 MAJORS ONLY

3515005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

ECON ANALY&PRO ISSU C E 206 3 CREDITS  
 Prereq: (C E 120 OR CON E 121 OR CON E 122 OR  
 ENGR 131 OR ENV E 120); ENGL 250; MATH 166  
 Note: COURSE RESTRICTED TO C E AND ENV E MAJORS ONLY

1915005 1 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ENGINEERING STATICS C E 274 3 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH  
 166; PHYS 231; PHYS 231L  
 Note: COURSE RESTRICTED TO COLLEGE OF ENGINEERING  
 MAJORS ONLY  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.

3004005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3004010 2 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3004015 3 MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3004020 4 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3004025 5 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3004030 6 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3004035 7 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PROJECT MANAGMNT CE C E 306 3 CREDITS  
 Prereq: (C E 120 OR ENV E 120); (C E 170 OR  
 ENV E 190)

4943005 1 MW 3:20-4:10  
 T 8:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4943010 2 MW 3:20-4:10  
 T 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4943015 3 MW 3:20-4:10  
 R 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## CIVIL ENGINEERING

(CONTINUED)

PRIN ENVIRONMT ENGR C E 326 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN A B E 378; (CHEM 167 OR CHEM 177); CHEM 178; MATH 166

2284005 1 MF 9:55-10:45  
W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2284010 2 MF 9:55-10:45  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2284015 3 MF 9:55-10:45  
T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STRUCTURAL ANALYS I C E 332 3 CREDITS  
Prereq: E M 324  
Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2285005 1 MWF 1:10-2:00  
W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2285010 2 MWF 1:10-2:00  
F 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2285015 3 MWF 7:45-8:35  
W 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STRUCT STEEL DSGN I C E 333 3 CREDITS  
Prereq: C E 332; E M 327  
Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2286005 1 MWF 12:05-12:55  
T 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2286010 2 MWF 3:20-4:10  
R 9:30-10:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

REIN CONCRETE DSN I C E 334 3 CREDITS  
Prereq: C E 332; E M 327  
Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2287005 1 TR 8:00-9:15  
R 9:30-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2287010 2 TR 12:40-2:00  
R 2:10-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN TRANSPORTN ENG C E 355 3 CREDITS  
Prereq: C E 111

2924005 1 T 3:40-4:55  
R 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GEOTECHNICAL ENGRNG C E 360 4 CREDITS  
Prereq: E M 324; CREDIT OR CONCURRENT ENROLLMENT IN (CON E 241 OR GEOL 201)  
Note: COURSE RESTRICTED TO ENGINEERING COLLEGE MAJORS  
Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2291005 1 MWF 12:05-12:55  
T 8:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2291010 2 MWF 12:05-12:55  
T 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2291015 3 MWF 12:05-12:55  
R 8:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2291020 4 MWF 12:05-12:55  
R 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2291025 5 MWF 12:05-12:55  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2291030 6 MWF 12:05-12:55  
W 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## CIVIL ENGINEERING

(CONTINUED)

ENGR HYDROL&HYDRAUL C E 372 3 CREDITS  
Prereq: A B E 378; (STAT 231 OR STAT 305)

2293005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DESIGN OF CONCRETES C E 382 3 CREDITS  
Prereq: C E 274  
Note: CREDIT IN C E 382 OR C E 383, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

2294005 1 MF 2:15-3:05  
T 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2294010 2 MF 2:15-3:05  
R 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2294015 3 MF 2:15-3:05  
R 8:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2294020 4 MF 2:15-3:05  
W 2:15-5:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DSGN PORTLAND CEMNT C E 383 1 CREDIT  
Prereq: C E 274  
Note: CREDIT IN C E 382 OR C E 383, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

9480005 1 T 3:40-5:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9480010 2 R 3:40-5:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SUSTNBL E&INT'L DEV C E 388 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION IN AN ENGINEERING MAJOR  
Note: COURSE RESTRICTED TO COLLEGE OF ENGINEERING JUNIORS AND SENIORS  
Meets international perspectives reqmt

8096005 1 MW 3:20-4:10  
T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROG&OUTCOME ASSESS C E 403 R CREDIT  
Note: COURSE RESTRICTED TO STUDENTS GRADUATING FALL 2022  
Satisfactory-Fail Only.

7351005 1 M 5:30-6:20PM  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

7351010 2 M 5:30-6:20PM  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

URB TRNSPRT PLN MOD C E 451 3 CREDITS  
Prereq: C E 355; (STAT 231 OR STAT 305)

2301005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HIGHWAY DESIGN C E 453 3 CREDITS  
Prereq: C E 306; C E 355

2302005 1 MW 8:50-9:40  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOUNDATION ENGINEER C E 460 3 CREDITS  
Prereq: C E 360

2303005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SITE EVAL FOR PROJ C E 462 3 CREDITS  
Prereq: C E 360 OR PERMISSION OF INSTRUCTOR

0819005 1 MW 11:00-11:50  
T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GRNDWATER HYDROLOGY C E 473 3 CREDITS  
Prereq: C E 372

1937005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CIVIL ENGINR DESIGN C E 485 3 CREDITS  
Prereq: C E 206; C E 306; C E 326; (C E 333 OR C E 334); C E 355; C E 360; C E 372; C E 382; SP CM 212  
Note: COURSE RESTRICTED TO STUDENTS GRADUATING FALL 2022

2131005 1 MF 12:05-12:55  
T 11:00-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2131010 2 MF 12:05-12:55  
T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## CIVIL ENGINEERING (CONTINUED)

INDEPENDENT STUDY C E 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C E 490H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN  
THE HONORS PROGRAM  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENVIRON BIOTECHNOLOG C E 521 3 CREDITS  
Prereq: C E 326  
2319005 1 T 9:00-10:50  
R 9:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://www.public.iastate.edu/~tge/courses/ce521/homepage.html>

STRUCTR ANALYSIS II C E 532 3 CREDITS  
Prereq: C E 332  
2325005 1 M 9:55-10:45  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

REIN CONCR DESGN II C E 534 3 CREDITS  
Prereq: C E 334  
2333005 1 T 9:30-10:45  
R 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DYN ANLYS OF STRUCT C E 541 3 CREDITS  
Prereq: E M 345 AND CREDIT OR ENROLLMENT IN C E  
532  
2327005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

URB TRNSPRT PLN MOD C E 551 3 CREDITS  
Prereq: C E 355; (STAT 231 OR STAT 305)  
2208005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TRAFFIC ENGINEERING C E 553 3 CREDITS  
Prereq: C E 355  
2336005 1 MW 3:20-4:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TRANSPT DATA ANALY C E 556 3 CREDITS  
Prereq: C E 355, A STATISTICS COURSE AT  
300-LEVEL OR HIGHER  
5105005 1 TR 8:00-9:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SITE EVAL FOR PROJ C E 562 3 CREDITS  
Prereq: C E 360 OR PERMISSION OF INSTRUCTOR  
4871005 1 MW 11:00-11:50  
T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GROUND IMPROVEMENT C E 569 3 CREDITS  
Prereq: C E 360 OR INSTRUCTOR APPROVAL  
5583005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GRNDWATER HYDROLOGY C E 573 3 CREDITS  
Prereq: C E 372  
2345005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GEOTECH&MAT ENG SEM C E 581 R CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
2655005 1 W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV ASPHALT MATERLS C E 586 3 CREDITS  
Prereq: C E 382  
1075005 1 W 7:45-9:35  
F 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS C E 590 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CIVIL ENGINEERING (CONTINUED)

SEMINAR ENVIR ENGR C E 591 R CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
1658005 1 T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPL TOP CONSTR PLAN C E 594A 3 CREDITS  
Prereq: C E 306 OR GRADUATE STANDING  
Note: CREDIT MAY NOT BE APPLIED FOR GRADUATION FOR  
CONSTRUCTION ENGINEERING UNDERGRADUATE STUDENTS.  
INSTRUCTOR PERMISSION REQUIRED TO REGISTER  
ARRANGED REPRESENTS ONLINE COURSE DELIVERY  
AND COURSEWORK.  
2925005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2925010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CREATIVE COMPONENT C E 599 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS C E 690 1- 3 CREDITS  
Prereq: PRE-ENROLLMENT CONTRACT REQUIRED  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP C E 697 R CREDIT  
Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF  
Note: Department permission required.  
Satisfactory-Fail Only.  
7416005 1 ARRANGED  
MEETS: AUG 21-DEC 15

RESEARCH C E 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CLASSICAL STUDIES

GREEK & ROMAN MYTHOL CL ST 273 3 CREDITS  
Note: COURSE RESTRICTED TO NEW INCOMING FRESHMAN.  
Meets international perspectives reqmt  
2586005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANCIENT PHILOSOPHY CL ST 310 3 CREDITS  
Prereq: 3 CREDITS IN PHIL OR PERMISSION OF  
INSTRUCTOR  
2584005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WLD LIT:ANCT-RENAIS CL ST 353 3 CREDITS  
Prereq: ENGL 250 OR ENGL 105  
Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM  
Meets international perspectives reqmt  
2585005 A1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2585010 A2 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TOP:ANCNT MEDITRNN CL ST 370X 3 CREDITS  
Note: Meets international perspectives reqmt  
2481005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HERO GREECE,RM,TDAY CL ST 373 3 CREDITS  
Note: Meets international perspectives reqmt  
8792005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SX,CLTR ANC MEDITRR CL ST 374 3 CREDITS  
Note: Meets international perspectives reqmt  
8164005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ROMN ARCHAE TO400CE CL ST 376C 3 CREDITS  
Note: Meets international perspectives reqmt  
9725005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GREEK & ROMAN ART CL ST 383 3 CREDITS  
Note: Instructor permission required 1st week.  
3976005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction



## CLASSICAL STUDIES

(CONTINUED)

ROMAN CIVILIZATION CL ST 403 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
2590005 1 MW 3:20-4:35 HOLLANDER D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY CL ST 490 1- 6 CREDITS  
Prereq: 7 CREDITS IN CL ST AT THE 200-LEVEL OR HIGHER; PERMISSION OF THE PROGRAM CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RDGS SEMN ANCNT EUR CL ST 512A 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
1017005 1 ARRANGED HOLLANDER D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

**COMMUNICATION STUDIES**

INTRO COMMUNIC STDI COMST 101 3 CREDITS  
7918005 1 MWF 11:00-11:50 ODENWELLER K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ORIEN COMMUNICA STU COMST 104 1 CREDIT  
Prereq: COMMUNICATION STUDIES MAJOR Satisfactory-Fail Only.  
4301005 1 MW 8:50-9:40 AKERS M  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

COMM& U.S. DIVRSITY COMST 210 3 CREDITS  
Note: Meets U.S. diversity reqmt  
7066005 1 TR 9:30-10:45 RUBLE R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7066010 2 ARRANGED RUBLE R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INTERPERSONAL COMM COMST 211 3 CREDITS  
Note: SEC A1,B1 ETC. RESTRICTED TO COMST MAJORS ONLY  
SEC A2,B2 ETC. FOR MAJORS OTHER THAN COMST  
8105005 A1 MWF 8:50-9:40 EGDORF D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8105010 A2 MWF 8:50-9:40 EGDORF D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8105015 B1 MWF 9:55-10:45 EGDORF D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8105020 B2 MWF 9:55-10:45 EGDORF D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8105025 C1 MWF 11:00-11:50 EGDORF D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8105030 C2 MWF 11:00-11:50 EGDORF D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROFFSNAL COMMUNIC COMST 214 3 CREDITS  
9183005 1 MWF 2:15-3:05 ODENWELLER K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9183010 2 ARRANGED RUBLE R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
9183015 3 ARRANGED HARMS J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
9183710 4 ARRANGED HARMS J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CONFLICT MANAGEMENT COMST 218 3 CREDITS  
7314005 1 ARRANGED RAFFERTY K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

HUMAN COMMUNIC THRY COMST 301 3 CREDITS  
Prereq: COMST 101  
Note: SEC A1 RESTRICTED TO COMST MAJORS ONLY  
SEC A2 FOR MAJORS OTHER THAN COMST  
6593005 A1 TR 11:00-12:15 PEAVY A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6593010 A2 TR 11:00-12:15 PEAVY A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6593015 B1 TR 9:30-10:45 PEAVY A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6593020 B2 TR 9:30-10:45 PEAVY A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## COMMUNICATION STUDIES

(CONTINUED)

INTRO COM RSRCH MTD COMST 303 3 CREDITS  
Prereq: COMST 101; 3 ADDITIONAL CREDITS IN COMST  
1546005 A1 MWF 2:15-3:05 FORNOFF M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1546010 A2 MWF 2:15-3:05 FORNOFF M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERCULTURAL COMM COMST 310 3 CREDITS  
Prereq: COMST 101  
Note: SEC A1 ETC. RESTRICTED TO COMST MAJORS ONLY  
SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
Meets international perspectives reqmt  
7934005 A1 TR 3:40-4:55 JENKS T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7934010 A2 TR 3:40-4:55 JENKS T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RELATIONAL COMMUNIC COMST 311 3 CREDITS  
Prereq: COMST 101  
Note: SEC A1 ETC. RESTRICTED TO COMST MAJORS ONLY  
SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
6428005 A1 MWF 1:10-2:00 ODENWELLER K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6428010 A2 MWF 1:10-2:00 ODENWELLER K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LDRSHR COMMUN THEOR COMST 313 3 CREDITS  
Prereq: COMST 101  
Note: SEC A1 ETC. RESTRICTED TO COMST MAJORS ONLY  
SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
4305005 A1 TR 2:10-3:25 JENKS T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4305010 A2 TR 2:10-3:25 JENKS T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ORGANIZATIONAL COMM COMST 314 3 CREDITS  
Prereq: COMST 101  
Note: SEC A1 ETC. RESTRICTED TO COMST MAJORS ONLY  
SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
6431005 A1 TR 11:00-12:15 TYE-WILLIAMS S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6431010 A2 TR 11:00-12:15 TYE-WILLIAMS S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SMALL GROUP COMM COMST 317 3 CREDITS  
Prereq: COMST 101  
Note: SEC A1 ETC. RESTRICTED TO COMST MAJORS ONLY  
SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
6433005 A1 MWF 11:00-11:50 FORNOFF M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6433010 A2 MWF 11:00-11:50 FORNOFF M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMM TRAINING&DEVEL COMST 319 3 CREDITS  
Prereq: COMST 101  
Note: SEC A1 RESTRICTED TO COMST MAJORS ONLY  
SEC A2 FOR MAJORS OTHER THAN COMST  
2362005 A1 TR 9:30-10:45 COFFELT T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2362010 A2 TR 9:30-10:45 COFFELT T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NONVERBAL COMMUNIC COMST 325 3 CREDITS  
Prereq: COMST 101  
Note: SEC A1 ETC. RESTRICTED TO COMST MAJORS ONLY  
SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
3920005 A1 MWF 12:05-12:55 FORNOFF M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3920010 A2 MWF 12:05-12:55 FORNOFF M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PERSUASN&SOC INFLUE COMST 327 3 CREDITS  
1926005 1 MWF 9:55-10:45 BLANKENSHIP K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CMPTN-MEDIATED COMM COMST 330 3 CREDITS  
Prereq: COMST 101  
Note: SEC A1 ETC. RESTRICTED TO COMST MAJORS ONLY  
SEC A2 ETC. FOR MAJORS OTHER THAN COMST  
2385005 A1 TR 2:10-3:25 RUBLE R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2385010 A2 TR 2:10-3:25 RUBLE R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## COMMUNICATION STUDIES

(CONTINUED)

RESEARCH SEMINAR COMST 404 3 CREDITS  
Prereq: COMST 301; 3 ADDITIONAL COURSES FROM THE  
FOLLOWING: COMST 310, COMST 311, COMST 313, COMST  
314, COMST 317, COMST 319, COMST 325, COMST 330,  
COMST 450A, COMST 450B, SP CM 323  
Note: COURSE RESTRICTED TO COMST SENIORS  
2298005 1 TR 12:40-1:55 COFFELT T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SP TOP COMST:HEALTH COMST 450B 3 CREDITS  
Prereq: JUNIOR STANDING OR PERMISSION OF  
INSTRUCTOR  
Note: EXAMINES RESEARCH, THEORIES, AND CONCEPTS  
RELEVANT TO HEALTH COMMUNICATION. TOPICS INCLUDE  
STUDYING THE INTERPERSONAL, ORGANIZATIONAL, AND  
MEDIATED COMMUNICATION OCCURRING IN HEALTH CARE  
AND PUBLIC HEALTH SETTINGS, AND UNDERSTANDING WHY  
EFFECTIVE COMMUNICATION CONTRIBUTES TO POSITIVE  
HEALTH OUTCOMES.  
0286005 1 ARRANGED RAFFERTY K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INDEPENDENT STUDY COMST 490 1- 3 CREDITS  
Prereq: 9 CREDITS IN COMST; JUNIOR  
CLASSIFICATION; PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM COMST 491 VAR. CREDITS  
Prereq: COMST 203; COMST 301; PERMISSION OF  
INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROFESSNL INTERNSHP COMST 497 1- 3 CREDITS  
Prereq: COMST 203; COMST 301; 1 ADDITIONAL  
300-LEVEL COMST COURSE; JUNIOR CLASSIFICATION;  
DEPARTMENT PERMISSION  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR COMST 504 3 CREDITS  
Prereq: COMST 301; 3 ADDITIONAL COURSES FROM THE  
FOLLOWING: COMST 310, COMST 311, COMST 313, COMST  
314, COMST 317, COMST 319, COMST 325, COMST 330,  
COMST 450A, COMST 450B, SP CM 323  
Note: Instructor permission required.  
4421005 1 TR 12:40-1:55 COFFELT T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SP TOP COMST:HEALTH COMST 550B 3 CREDITS  
Prereq: JUNIOR STANDING OR PERMISSION OF  
INSTRUCTOR  
3380005 1 ARRANGED RAFFERTY K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPECIAL TOPICS COMST 590 1- 4 CREDITS  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**COMMUNITY & REGIONAL PLANNING**

N AMER METROPOLIS C R P 201 3 CREDITS  
2752005 1 ARRANGED, MW 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

FUND GEOG INFO SYST C R P 251 3 CREDITS  
9667005 1 MW 9:55-10:45  
W 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
9667010 2 MW 9:55-10:45  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
9667015 3 MW 9:55-10:45  
R 9:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

ENVIRONMTL PLANNING C R P 293 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: THIS COURSE IS A 2-PART COURSE. STUDENTS MUST  
REGISTER FOR A LECTURE SEC FIRST & THEN A LAB SEC.  
STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE &  
LAB SHOULD DROP THE COURSE DUE TO INCOMPLETE  
REGISTRATION.  
2384100 A MW 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2384005 1 R 12:40-1:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2384010 2 R 1:40-2:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2384015 3 F 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2384020 4 F 9:55-10:45  
MEETS: AUG 21-DEC 15

## COMMUNITY &amp; REGIONAL PLANNING

(CONTINUED)

ENVIRONMTL PLANNING C R P 293 3 CREDITS  
Note: Course delivery is On-site instruction

INTRO TO HOUSING C R P 325 3 CREDITS  
0098005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRACTICUM C R P 330 1- 3 CREDITS  
Prereq: ENROLLED IN C R P MAJOR  
Satisfactory-Fail Only.  
2386005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.

PRO PRACTICE SEMINR C R P 331 2 CREDITS  
Prereq: C R P 301; JUNIOR CLASSIFICATION  
3962005 1 R 3:40-5:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTMD GEOG INFO SYS C R P 351 3 CREDITS  
Prereq: C R P 251  
9684005 1 ARRANGED, F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
9684010 2 ARRANGED, R 9:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

RURAL,URB&REGN ECON C R P 376 3 CREDITS  
Prereq: ECON 101  
2227005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PLAN PROCESS THEORY C R P 383 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
2388005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FIELD TRAVEL C R P 391 1- 2 CREDITS  
Prereq: ENROLLED IN C R P MAJOR; PERMISSION OF  
INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2022  
Satisfactory-Fail Only.  
2402005 1 T 3:30-4:30, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CMUNITY PLAN STUDIO C R P 432 4- 6 CREDITS  
Prereq: (C R P 201 OR C R P 301 OR C R P 383)  
OR PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 6 CREDITS FALL 2022  
2391005 1 MW 12:05-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SITE DEVELOPMENT C R P 442 3 CREDITS  
8760005 1 TR 9:00-10:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GEOODGN:SUST FUT PLN C R P 449 3 CREDITS  
Prereq: C R P 251  
3768005 1 MW 1:10-2:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SMART&SUSTN CITIES C R P 455 3 CREDITS  
0277005 1 MW 9:55-11:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GIS PROGRMG&AUTOMAT C R P 456 3 CREDITS  
Prereq: C R P 351  
5720010 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5720700 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: PERMISSION OF DEPARTMENT REQUIRED TO REGISTER  
Department permission required.  
Course delivery is WWW

SOCIAL JUSTIC&PLANN C R P 460 3 CREDITS  
9746005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.  
Course delivery is WWW

INDEPENDENT STUDY C R P 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## COMMUNITY &amp; REGIONAL PLANNING (CONTINUED)

INDEP STUDY HONORS C R P 490H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY  
Instructor permission required 1st week.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PL LAW, ADMIN&IMPLEM C R P 492 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
2397005 1 T 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRO WORK EXPERIENCE C R P 510 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

REAL ESTATE DEVLPMNT C R P 526 3 CREDITS  
Prereq: ENROLLMENT IN MRED OR INSTRUCTOR PERMISSION  
0158005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

PRACTICUM C R P 530 1- 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION IN C R P  
Satisfactory-Fail Only.  
2405005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SITE DEVELOPMENT C R P 542 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
8759005 1 TR 9:00-10:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GEODGN:SUST FUT PLN C R P 549 3 CREDITS  
0027005 1 MW 1:10-2:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO GEOG INFO SYS C R P 551 3 CREDITS  
1985005 1 ARRANGED, W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
1985010 2 ARRANGED, W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
1985015 3 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.  
Course delivery is WWW

SMART&SUSTN CITIES C R P 555 3 CREDITS  
0279005 1 MW 9:55-11:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GIS PROGRMG&AUTOMAT C R P 556 3 CREDITS  
Prereq: C R P 351  
5856005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5856010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.  
Course delivery is WWW

SOCIAL JUSTIC&PLANN C R P 560 3 CREDITS  
2418005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.  
Course delivery is WWW

PLAN AMER METROPLIS C R P 563 3 CREDITS  
9380005 1 M 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9380700 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: PERMISSION OF DEPARTMENT REQUIRED TO REGISTER  
Department permission required.  
Course delivery is WWW

INTR ANLYT MTHDS PL C R P 564 3 CREDITS  
9329005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.  
Course delivery is WWW  
9329010 2 MW 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PLANNING & DEVELPMNT C R P 568 3 CREDITS  
Prereq: C R P 564 OR EQUIVALENT  
2018005 1 TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## COMMUNITY &amp; REGIONAL PLANNING (CONTINUED)

SPL TP PLAN LAW,ADM C R P 590A 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECON DEVEL C R P 590B 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN C R P 590C 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUS&URB RV C R P 590D 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INT'L PLAN C R P 590N 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH C R P 590O 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN C R P 590P 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS C R P 590R 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LAND USE REGULA LAW C R P 592 3 CREDITS  
2427005 1 W 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2427010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.  
Course delivery is WWW

PRO PLANNING REPORT C R P 599 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CREDITS  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**COMMUNITY DEVELOPMENT**

THEORIES&CNSTRCT COMDV 502 3 CREDITS  
3972005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

COM DEVLPMNT MTHDS COMDV 503 3 CREDITS  
4010005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

COMMUNITY DEVELOPMENT (CONTINUED)

CREATING COMNTY CHNG COMDV 504 3 CREDITS  
 4012005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

COMDV PRCTCUM COMDV 530 3 CREDITS  
 Prereq: COMDV 502, COMDV 503, COMDV 504, COMDV 505  
 3964005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

COMPUTER ENGINEERING (CONTINUED)

CYBER SECUR FUNDMTL CPR E 230 3 CREDITS  
 9703025 5 TR 8:00-8:50  
 T 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 5 RESTRICTED TO COM S, CPR E, CYB E, S, COM S, MIS, S E MAJORS ONLY  
 Course delivery is On-site instruction

CYBER SECURTY TOOLS CPR E 231 3 CREDITS  
 Prereq: CPR E 230 OR CYB E 230  
 4231005 1 TR 11:00-11:50  
 T 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO COM S, CPR E, CYB E, DS, E E MIS, S E MAJORS ONLY  
 Course delivery is On-site instruction

4231010 2 TR 11:00-11:50  
 W 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO COM S, CPR E, CYB E, DS, E E MIS, S E MAJORS ONLY  
 Course delivery is On-site instruction

4231015 3 TR 11:00-11:50  
 F 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO COM S, CPR E, CYB E, DS, E E, MIS, S E MAJORS ONLY  
 Course delivery is On-site instruction

**COMPUTER ENGINEERING**

PRO PROG ORIENTATN CPR E 166 R CREDIT  
 Note: COURSE RESTRICTED TO CPR E, CYB E, E E MAJORS ONLY  
 Satisfactory-Fail Only.  
 2292005 1 T 1:10-2:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

2292010 2 R 1:10-2:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

CPR ENG LRNG CMUNTY CPR E 184 1 CREDIT  
 Prereq: CPR E LEARNING COMMUNITY MEMBERSHIP  
 9984005 1 R 3:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO PROBLM SOLV I CPR E 185 3 CREDITS  
 Prereq: MATH 143 OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR ENROLLMENT IN MATH 165  
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: ENGR 160, A B E 160, AER E 160, C E 160, CH E 160, CPR E 185, E E 185, I E 148, M E 160, AND S E 185  
 COURSE RESTRICTED TO CPR E, CYB E MAJORS ONLY

3878005 1 TR 8:00-8:50  
 W 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3878010 2 TR 8:00-8:50  
 F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3878015 3 TR 8:00-8:50  
 F 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3878020 4 TR 8:00-8:50  
 W 6:30-8:20PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3878025 5 TR 8:00-8:50  
 T 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3878030 6 TR 8:00-8:50  
 W 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3878035 7 TR 8:00-8:50  
 W 4:25-6:15PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3878040 8 TR 8:00-8:50  
 F 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3878045 9 TR 8:00-8:50  
 R 5:10-7:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CYB SYS LEGAL,ETHCL CPR E 234 3 CREDITS  
 Prereq: COM S 227, OR E E 285 OR MIS 207  
 Note: COURSE RESTRICTED TO COM S, CPR E, CYB E, E E, MIS, S E MAJORS ONLY  
 0278005 1 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TRANSFER ORIENTATIO CPR E 261 R CREDIT  
 Satisfactory-Fail Only.  
 9198005 1 W 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9198010 2 T 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DIG LOGC,PROCSR,P I CPR E 281 4 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO CPR E, CYB E, E E, COM S, P CS, S E SOPHOMORES, JUNIORS AND SENIORS

7321005 1 MWF 2:15-3:05  
 T 8:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321010 2 MWF 2:15-3:05  
 T 5:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321015 3 MWF 2:15-3:05  
 T 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321020 4 MWF 2:15-3:05  
 W 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321025 5 MWF 2:15-3:05  
 F 7:45-10:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321030 6 MWF 4:25-5:15  
 W 7:45-10:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321035 7 MWF 4:25-5:15  
 R 5:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321040 8 MWF 4:25-5:15  
 R 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321045 9 MWF 4:25-5:15  
 T 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321050 10 MWF 4:25-5:15  
 R 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321055 11 MWF 4:25-5:15  
 W 6:10-9:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321060 12 MWF 4:25-5:15  
 W 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321065 13 MWF 2:15-3:05  
 F 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7321075 14 MWF 4:25-5:15  
 R 8:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CYBER SECUR FUNDMTL CPR E 230 3 CREDITS  
 Prereq: COM S 227 OR E E 285 OR MIS 207

9703005 1 TR 8:00-8:50  
 R 9:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO COM S, CPR E, CYB E, DS, E E S E MAJORS ONLY  
 Course delivery is On-site instruction

9703010 2 TR 8:00-8:50  
 F 8:50-10:40  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO COM S, CPR E, CYB E, DS, E E S E MAJORS ONLY  
 Course delivery is On-site instruction

9703015 3 TR 8:00-8:50  
 R 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO COM S, CPR E, CYB E, DS, E E S E MAJORS ONLY  
 Course delivery is On-site instruction

9703020 4 TR 8:00-8:50  
 T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 RESTRICTED TO COM S, CPR E, CYB E, DS, E E S E MAJORS ONLY  
 Course delivery is On-site instruction

## COMPUTER ENGINEERING

(CONTINUED)

EMBEDDE SYS I:INTRO CPR E 288 4 CREDITS  
Prereq: CPR E 281, COM S 207 OR 227 OR E E 285  
3364005 1 TR 9:30-10:45  
T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3364010 2 TR 9:30-10:45  
T 6:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3364015 3 TR 9:30-10:45  
R 6:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3364020 4 TR 9:30-10:45  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3364025 5 TR 2:10-3:25  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3364030 6 TR 2:10-3:25  
T 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3364035 7 TR 2:10-3:25  
W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

OPERAT SYS:PRIN&PRA CPR E 308 4 CREDITS  
Prereq: CPR E 381 OR COM S 321  
2036005 1 MWF 8:50-9:40  
F 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2036010 2 MWF 8:50-9:40  
T 4:10-7:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2036015 3 MWF 8:50-9:40  
R 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THEORET FOUND CPR E 310 3 CREDITS  
Prereq: COM S 228  
9240005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOFTWARE PROJCT MGT CPR E 329 3 CREDITS  
Prereq: COM S 309  
6832005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTGRATED ELECTRNCS CPR E 330 4 CREDITS  
Prereq: E E 201, CREDIT OR ENROLLMENT IN E E 230,  
CPR E 281  
Note: CREDIT FOR EITHER CPR E/E E 330 OR E E 331,  
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
2311005 1 MWF 12:05-12:55  
T 8:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2311010 2 MWF 12:05-12:55  
T 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2311015 3 MWF 12:05-12:55  
W 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2311020 4 MWF 12:05-12:55  
F 7:45-10:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CYB SEC CRYPTGR APP CPR E 331 3 CREDITS  
Prereq: CPR E 231 OR CYB E 231  
Note: COURSE RESTRICTED TO COM S, CPR E, CYB E,  
E E, MIS, S E MAJORS ONLY  
ONLY ONE OF CPR E/CYB E 331 AND CPR E 431 MAY COUNT  
TOWARDS GRADUATION  
0146005 1 TR 12:40-1:30  
W 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0146010 2 TR 12:40-1:30  
T 9:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0146015 3 TR 12:40-1:30  
T 6:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## COMPUTER ENGINEERING

(CONTINUED)

SFTWR ARCHIT&DSIGN CPR E 339 3 CREDITS  
Prereq: S E 319  
6834005 1 TR 4:10-5:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CPTR ORG &ASMB PROG CPR E 381 4 CREDITS  
Prereq: CPR E 288  
6769005 1 MWF 8:50-9:40  
R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6769010 2 MWF 8:50-9:40  
W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6769015 3 MWF 8:50-9:40  
W 6:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6769020 4 MWF 8:50-9:40  
R 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6769025 5 MWF 8:50-9:40  
W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6769030 6 MWF 8:50-9:40  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6769035 7 MWF 8:50-9:40  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EMBED SYS II:MOBILE CPR E 388 4 CREDITS  
Prereq: CPR E 288  
9014005 1 MWF 3:20-4:10  
R 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9014010 2 MWF 3:20-4:10  
F 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROGRAM EXPLORATION CPR E 394 R CREDIT  
Prereq: CPR E 294 OR E E 294  
Note: SEC A1,B1 ETC RESTRICTED TO CPR E. SEC A2,B2 ETC  
RESTRICTED TO E E.  
Satisfactory-Fail Only.  
5388005 A1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
5388010 A2 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
5388015 A3 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
5388020 B1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
5388025 B2 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
5388030 B3 F 3:20-4:10  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

SFTW SYS DTA ANALYTC CPR E 414 4 CREDITS  
Prereq: COM S 363; OR CPR E 315 OR CPR E 308; OR  
COM S 311 OR COM S 352  
0196005 1 MW 4:25-5:45  
M 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SFTWRE SAFETY ANALY CPR E 421 3 CREDITS  
Prereq: (COM S 230 OR CPR E 310); COM S 309  
0028005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR HI PRFM CMPUTG CPR E 424 3 CREDITS  
Prereq: (MATH 265; [MATH 207 OR MATH 317]) OR  
PERMISSION OF INSTRUCTOR  
9829005 1 TR 11:00-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NTWRK PROTOCL&SECUR CPR E 430 3 CREDITS  
Prereq: CPR E 308 OR COM S 252 OR COM S 352  
9386005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9386010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

## COMPUTER ENGINEERING

(CONTINUED)

INFO SYSTM SECURITY CPR E 431 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN CPR E 308 OR  
CREDIT OR ENROLLMENT IN COM S 352  
Note: THIS COURSE CANNOT BE USED TOWARDS ANY  
REQUIREMENTS FOR THE CYBER SECURITY DEGREE OR MINOR.  
ONLY ONE OF CPR E/CYB E 331 AND CPR E 431 MAY  
COUNT TOWARDS GRADUATION.  
8650005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DISTRIBUTED SYSTEMS CPR E 454 3 CREDITS  
Prereq: COM S 311, COM S 352 OR CPR E 308  
7291005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

REAL TIME SYSTEMS CPR E 458 3 CREDITS  
Prereq: CPR E 308 OR COM S 352  
4510005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4510010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SEC&PRIVCY IN CLOUD CPR E 459X 3 CREDITS  
Prereq: COM S 352 OR CPR E 308  
2556005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DIGITAL VLSI DESIGN CPR E 465 4 CREDITS  
Prereq: E E 330  
9514005 1 TR 11:00-12:15  
T 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9514010 2 TR 11:00-12:15  
F 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9514015 3 TR 11:00-12:15  
W 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HRDWRE DSN MACH LRN CPR E 487 4 CREDITS  
Prereq: CPR E 381 OR COM S 321  
0893005 1 TR 4:10-5:25  
M 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0893010 2 TR 4:10-5:25  
M 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CPTR NTRWK&DATA COM CPR E 489 4 CREDITS  
Prereq: CPR E 288 OR COM S 327  
Note: COURSE RESTRICTED TO CPR E, COM S, CYB E,  
CYBSC, E E, E CPE, S E MAJORS ONLY  
2771005 1 TR 11:00-12:15  
M 9:55-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY CPR E 490 VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR  
Note: Department permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY CPR E 490H VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY  
Department permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO CPR E 491 3 CREDITS  
Prereq: CPR E 232, CR OR ENROLLMENT IN CPR E 308,  
COMPLETION OF 29 CR IN THE CPR E PROF PROG, ENGL 314  
Note: COURSE RESTRICTED TO CPR E, CYB E, E E, S E  
JUNIORS & SENIORS  
Instructor permission required 1st week.  
2765005 1 T 2:10-4:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2765010 2 R 2:10-4:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SR DESIGN PROJECT II CPR E 492 2 CREDITS  
Prereq: CPR E 491 OR E E 491 OR S E 491  
Note: COURSE RESTRICTED TO CPR E, E E, S E JUNIORS  
AND SENIORS  
1659005 1 R 2:10-3:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## COMPUTER ENGINEERING

(CONTINUED)

PORTFOLIO ASSESSMNT CPR E 494 R CREDIT  
Prereq: CPR E 232 OR E E 232 OR CYB E 234; CREDIT  
OR CONCURRENT ENROLLMENT IN CPR E 491 OR E E 491  
Note: COURSE RESTRICTED TO CPR E, CYB E, E E  
SENIORS ONLY  
2279005 1 W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2279010 2 R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2279015 3 W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2279020 4 R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DSN&ANALYSIS ALGTHM CPR E 511 3 CREDITS  
Prereq: COM S 311  
5651005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROGRAM ANALYSIS CPR E 513 3 CREDITS  
Prereq: (COM S 327 OR CPR E 288); COM S 342  
9920005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NTRWK PROTOCL&SECUR CPR E 530 3 CREDITS  
Prereq: CPR E 308 OR COM S 252 OR COM S 352. E E  
STUDENTS: CPR E 288.  
2777005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2777010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INFO SYSTM SECURITY CPR E 531 3 CREDITS  
Prereq: CPR E 489 OR CPR E 530 OR COM S 586 OR  
MIS 535  
Note: ON CAMPUS SECTIONS RESTRICTED TO E CPE, COM S,  
CYBSC, GR ST, INFAS, SCIS GRAD STUDENTS ONLY  
4537005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4537010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CMPT&NTRWK FORENSI CPR E 536 3 CREDITS  
Prereq: CPR E 489 OR CPR E 530  
5531005 1 TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5531010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

HI-PERFRM COMM NTRWK CPR E 541 3 CREDITS  
Prereq: CPR E 530 OR CPR E 489  
4357005 1 MW 4:30-5:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4357010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

WIRELESS NETWK ARCH CPR E 543 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN CPR E 489  
OR CPR E 530  
6039005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
6039010 2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

FUND BIOINFORMATICS CPR E 544 4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
8549005 1 MWF 11:00-11:50  
R 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CYB-PHYSCL SYS NTRWK CPR E 548 3 CREDITS  
Prereq: CPR E 489, CPR E 530/430, COM S 486,  
OR EQUIVALENT  
0384005 1 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0384010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

COMPUTER ENGINEERING

(CONTINUED)

COMPUTER SCIENCE

(CONTINUED)

DISTRIBUTED SYSTEMS CPR E 554 3 CREDITS  
 Prereq: COM S 311, COM S 352 OR CPR E 308;  
 GRADUATE STANDING OR PERMISSION OF INSTRUCTOR  
 7292005 1 MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

REAL-TIME SYSTEMS CPR E 558 3 CREDITS  
 Prereq: CPR E 308 OR COM S 352  
 4574005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4574010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

SEC&PRIVCY IN CLOUD CPR E 559 3 CREDITS  
 Prereq: COM S 352 OR CPR E 308; COM S 486 OR  
 CPR E 489 OR CPR E 530  
 1831005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

STRUCT BIOINFRMTCS CPR E 569 3 CREDITS  
 Prereq: BCB 567, BBMB 316, GEN 409, STAT 430  
 3407005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SYSTEMS BIOLOGY CPR E 570 3 CREDITS  
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208  
 OR 228, GEN 411, STAT 430  
 3471005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CPR SYS ARCHITECTUR CPR E 581 3 CREDITS  
 Prereq: CPR E 381  
 8458005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8458010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

SPECIAL TOPICS CPR E 590 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CMPUTR ENGR CPR E 592 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CPR E 595 1- 3 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LEARN COMMUNITY SEMN CPR E 598 R CREDIT  
 Prereq: CLASSIFICATION AS AN E CPE MAJOR  
 Satisfactory-Fail Only.  
 9874005 1 F 4:25-5:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CREATIVE COMPONENT CPR E 599 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP CPR E 697 R CREDIT  
 Note: PERMISSION OF MANAGER OF CPR E STUDENT SERVICES  
 REQUIRED  
 Satisfactory-Fail Only.  
 7420005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Department permission required.

RESEARCH CPR E 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COMPUTER SCIENCE

ORIENTATION COM S 101 R CREDIT  
 Satisfactory-Fail Only.  
 2672005 1 M 2:15-3:05  
 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672010 2 M 2:15-3:05  
 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672015 3 M 2:15-3:05  
 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672020 4 M 2:15-3:05  
 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672025 5 M 2:15-3:05  
 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672030 6 M 2:15-3:05  
 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ORIENTATION COM S 101 R CREDIT  
 2672035 7 M 2:15-3:05  
 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672040 8 M 2:15-3:05  
 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672045 9 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672050 10 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672055 11 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672060 12 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672065 13 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672070 14 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2672075 15 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO TO PROGRAMMNG COM S 104 2 CREDITS  
 2995005 1 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW  
 2995010 2 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW

INTRO WEB PROGRAMMNG COM S 106 3 CREDITS  
 6704005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INTRO SPRDSH&DATABS COM S 113 3 CREDITS  
 Note: S E, AND CPR E MAJORS MAY NOT APPLY CREDIT IN  
 COM S 113 TOWARD GRADUATION.  
 ON-CAMPUS SECTIONS ARE A 2-PART COURSE. REGISTER FOR  
 A LECTURE SEC FIRST AND THEN A LAB SEC. STUDENTS WHO  
 DON'T REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP  
 THE COURSE DUE TO INCOMPLETE REGISTRATION. DO NOT  
 REGISTER FOR SEC G IF REGISTERING FOR AN ON-CAMPUS  
 LAB. SEC G DOES NOT NEED A LAB SECTION. LABS DO NOT  
 MEET THE FIRST WEEK OF CLASSES.  
 7761705 G ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC G IS ONLINE; STUDENTS DO NOT NEED TO  
 REGISTER FOR FACE-TO-FACE LECTURES OR LABS.  
 THIS SEC IS BOTH LEC & LAB COMBINED.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/courses/com-s-113e>  
 Syllabus: <http://www.cs.iastate.edu/courses/com-s-113e>

7761005 A TR 9:30-10:20  
 MEETS: AUG 21-DEC 15  
 Note: SECTION A RESTRICTED TO COLLEGE OF BUSINESS  
 MAJORS ONLY  
 Course delivery is On-site instruction

7761010 B TR 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SECTION B RESTRICTED TO COLLEGE OF BUSINESS  
 MAJORS ONLY  
 Course delivery is On-site instruction

7761011 C TR 12:40-1:30  
 MEETS: AUG 21-DEC 15  
 Note: SECTION C RESTRICTED TO COLLEGE OF BUSINESS  
 MAJORS ONLY  
 Course delivery is On-site instruction

7761012 D TR 9:30-10:20  
 MEETS: AUG 21-DEC 15  
 Note: SECTION D RESTRICTED TO MAJORS OTHER THAN  
 COLLEGE OF BUSINESS  
 Course delivery is On-site instruction

7761013 E TR 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SECTION E RESTRICTED TO MAJORS OTHER THAN  
 COLLEGE OF BUSINESS  
 Course delivery is On-site instruction

7761014 F TR 12:40-1:30  
 MEETS: AUG 21-DEC 15  
 Note: SECTION F RESTRICTED TO MAJORS OTHER THAN  
 COLLEGE OF BUSINESS  
 Course delivery is On-site instruction

7761015 1 W 4:25-6:15PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761020 2 M 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## COMPUTER SCIENCE

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INTRO SPRDSH&DATABS COM S 113 3 CREDITS  
 7761025 3 M 3:40-5:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761030 4 M 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761035 5 M 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761040 6 M 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761045 7 M 4:25-6:15PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761050 8 W 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761055 9 F 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761060 10 W 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761065 11 W 3:40-5:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761070 12 F 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761075 13 W 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761080 14 T 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761085 15 M 5:40-7:30PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761090 16 W 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761095 17 W 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761100 18 F 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761105 19 W 5:40-7:30PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761110 20 T 6:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761115 21 M 3:40-5:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761120 22 W 3:40-5:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761125 23 F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761130 24 F 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761135 25 M 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761140 26 M 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761145 27 M 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761150 28 W 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7761155 29 W 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO CPR PROGRAMMG COM S 127 3 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH  
 140 OR HIGHER  
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION  
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T  
 REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP  
 THE COURSE DUE TO INCOMPLETE REGISTRATION. LABS DO  
 NOT MEET THE FIRST WEEK OF CLASSES.

8789100 A TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789105 B TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789110 C TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789115 D TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789120 E TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## COMPUTER SCIENCE

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INTRO CPR PROGRAMMG COM S 127 3 CREDITS  
 8789005 1 M 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789010 2 R 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789015 3 F 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789020 4 M 6:30-8:20PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789025 5 W 6:30-8:20PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789030 6 R 6:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789035 7 T 6:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789040 8 M 4:25-6:15PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789045 9 M 6:30-8:20PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789050 10 W 4:25-6:15PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789055 11 W 6:30-8:20PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789060 12 M 6:30-8:20PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8789065 13 W 4:25-6:15PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FUND CPTR PROGRAMMG COM S 207 3 CREDITS  
 Prereq: MATH 150 OR PLACEMENT INTO MATH 140 OR  
 HIGHER  
 Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 COURSE FOR MAJORS OTHER THAN THE BUSINESS  
 COLLEGE

9235005 1 TR 9:30-10:45  
 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

OBJT-ORIEN PROGRAMMG COM S 227 4 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH  
 143 OR HIGHER; (COM S 127 OR CPR E 185 OR S E 185 OR  
 E E 285)  
 Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC  
 FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T  
 REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE  
 COURSE DUE TO INCOMPLETE REGISTRATION.  
 CREDIT FOR EITHER COM S 227 OR COM S 207, BUT NOT  
 BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 LABS DO NOT MEET THE FIRST WEEK OF CLASSES  
 Night exams scheduled. For dates go to  
[http://www.registrar.iastate.edu/students/exams/  
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

9237205 A MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9237210 B MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9237215 C MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9237025 1 T 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9237030 2 T 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9237035 3 T 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9237040 4 R 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9237045 5 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9237050 6 R 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9237055 7 R 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9237060 8 R 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction



## COMPUTER SCIENCE

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INTRO DATA STRUCTUR COM S 228 3 CREDITS  
Prereq: MINIMUM OF C- IN COM S 227; CREDIT OR  
CONCURRENT ENROLLMENT IN MATH 165  
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION  
FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T  
REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP  
THE COURSE DUE TO INCOMPLETE REGISTRATION.  
Night exams scheduled. For dates go to  
[http://www.registrar.iastate.edu/students/exams/  
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

9238100 A MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238105 B MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238110 C MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238115 D MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238120 E MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238015 1 T 12:40-1:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238020 2 R 12:40-1:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238025 3 R 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238030 4 T 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238035 5 T 9:30-10:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238040 6 T 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238045 7 R 9:30-10:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238050 8 R 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238055 9 T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9238060 10 R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DISCRETE CMP STRUCT COM S 230 3 CREDITS  
Prereq: MINIMUM OF C- IN (COM S 227; MATH 165);  
ENGL 150  
Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC  
FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T  
REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE  
COURSE DUE TO INCOMPLETE REGISTRATION.  
Night exams scheduled. For dates go to  
[http://www.registrar.iastate.edu/students/exams/  
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

4005005 A TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4005010 B TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4005015 C TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4005100 1 W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4005105 2 W 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4005110 3 W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LINUX SYS ESSENTIALS COM S 252 3 CREDITS  
Prereq: CPR E 185 OR S E 185 OR COM S 127 OR  
COM S 227

3087005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

3087010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

## COMPUTER SCIENCE

(CONTINUED)

INDEPENDENT STUDY COM S 290 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF COM S 290 OR  
COM S 290H MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS COM S 290H VAR. CREDITS  
Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY. NO MORE THAN 6 CREDITS OF  
COM S 290 OR COM S 290H MAY BE APPLIED TOWARD  
GRADUATION.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SOFTWR DEV PRACTCES COM S 309 3 CREDITS  
Prereq: MINIMUM OF C- IN (COM S 228; MATH 165)

4438005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4438010 2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4438015 3 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DSN&ANALYSIS ALGRTH COM S 311 3 CREDITS  
Prereq: MINIMUM OF C- IN (COM S 228; MATH 166;  
ENGL 150); (COM S 230 OR CPR E 310)  
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION  
FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T  
REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP  
THE COURSE DUE TO INCOMPLETE REGISTRATION.  
Night exams scheduled. For dates go to  
[http://www.registrar.iastate.edu/students/exams/  
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

2683005 A TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2683010 B TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2683015 C TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2683100 1 W 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2683105 2 W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2683110 3 W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONSTR USER INTRFAC COM S 319 3 CREDITS  
8537005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR CPTR ARCH&MACH COM S 321 3 CREDITS  
Prereq: C- OR BETTER IN COM S 228,  
C- OR BETTER IN MATH 165, COM S 230 OR CPR E 281,  
ENGL 250

2684005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2684010 2 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV PROGRAMMG TCHNQ COM S 327 3 CREDITS  
Prereq: MINIMUM OF C- IN (COM S 228; MATH 165)  
Night exams scheduled. For dates go to  
[http://www.registrar.iastate.edu/students/exams/  
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

2454005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2454010 2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THEORY OF COMPUTING COM S 331 3 CREDITS  
Prereq: MINIMUM OF C- IN (COM S 228; MATH 166;  
ENGL 250); (COM S 230 OR CPR E 310)  
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION  
FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T  
REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP  
THE COURSE DUE TO INCOMPLETE REGISTRATION.

2686100 A MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2686005 1 F 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2686010 2 F 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## COMPUTER SCIENCE

(CONTINUED)

INTRO CMPTR GRPHICS COM S 336 3 CREDITS  
Prereq: COM S 327 OR CPR E 288; CONCURRENT  
ENROLLMENT IN (MATH 207 OR MATH 265 OR MATH 317)  
7234005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN PROGR LANGUAGS COM S 342 3 CREDITS  
Prereq: C- OR BETTER IN COM S 228;  
C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310  
Night exams scheduled. For dates go to  
http://www.registrar.iastate.edu/students/exams/  
night-exams.  
2687005 1 TR 11:00-12:15  
W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO OPERATING SYS COM S 352 3 CREDITS  
Prereq: (COM S 321 OR CPR E 381); (COM S 327 OR  
CPR E 288); ENGL 250  
Night exams scheduled. For dates go to  
http://www.registrar.iastate.edu/students/exams/  
night-exams.  
2688005 1 MWF 12:05-12:55  
R 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

OBJECT-ORIEN ANALY&D COM S 362 3 CREDITS  
Prereq: MINIMUM OF C- IN (COM S 228; MATH 165);  
ENGL 250  
2622005 1 TR 4:10-5:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR DATABS MGT SYS COM S 363 3 CREDITS  
Prereq: MINIMUM OF C- IN (COM S 228; MATH 165);  
ENGL 250  
Night exams scheduled. For dates go to  
http://www.registrar.iastate.edu/students/exams/  
night-exams.  
2689005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2689010 2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVE EDUCATN COM S 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
Note: Instructor permission required.  
2691005 1 ARRANGED  
MEETS: AUG 21-DEC 15

BIOINFRMTCs OF SEQ COM S 401 3 CREDITS  
Prereq: (BCBIO 322; [COM S 127 OR COM S 227];  
[MATH 160 OR MATH 165]; [MATH 166 OR STAT 301];  
[STAT 101 OR STAT 104 OR STAT 330]); OR PERMISSION  
OF INSTRUCTOR  
0491005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CPR SCI SENIOR PROJ COM S 402C 3 CREDITS  
Prereq: COM S 309, COM S 311, COM S 321, COM S  
331, AND SENIOR CLASSIFICATION  
Note: NO MORE THAN 6 CREDITS OF COM S 402A, COM S 402B,  
AND COM S 402C MAY BE APPLIED TOWARD GRADUATION  
9711005 1 TR 12:40-1:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

APPLD FORMAL METHDS COM S 407 3 CREDITS  
Prereq: FOR AER E MAJORS: AER E 361, FOR COM S  
MAJORS: COM S 311, FOR OTHER MAJORS: AER E 361 OR  
(COM S 311 OR AN EQUIVALENT COURSE); PERMISSION OF  
INSTRUCTOR  
0649005 1 TR 11:00-12:15 ROZIER K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOFTWARE REQMTS ENGR COM S 409 3 CREDITS  
Prereq: COM S 309  
8508005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROGRAM ANALYSIS COM S 413 3 CREDITS  
Prereq: (COM S 327 OR CPR E 288); COM S 342  
9917005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## COMPUTER SCIENCE

(CONTINUED)

INTR HI PRFM CMPUTG COM S 424 3 CREDITS  
Prereq: (MATH 265; [MATH 207 OR MATH 317]) OR  
PERMISSION OF INSTRUCTOR  
9828005 1 TR 11:00-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

QUANT INFO&COMPLEX COM S 434 3 CREDITS  
Prereq: (COM S 331 OR PHYS 422 OR PHYS 522);  
(MATH 207 OR MATH 317)  
2375005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LG DATA SET ALGRTHM COM S 435 3 CREDITS  
Prereq: COM S 311 OR EQUIVALENT  
9618005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DISTRIBUTED SYSTEMS COM S 454 3 CREDITS  
Prereq: COM S 311, COM S 352 OR CPR E 308  
2696005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEC&PRIVCY IN CLOUD COM S 459X 3 CREDITS  
Prereq: COM S 352 OR CPR E 308  
2541005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN ARTFICL INTELL COM S 472 3 CREDITS  
Prereq: COM S 311; STAT 305 OR STAT 330 OR STAT  
341 OR STAT 347; ENGL 250 OR STAT 250; FOR  
GRADUATE CREDIT: GRADUATE STANDING OR PERMISSION OF  
INSTRUCTOR  
7902005 1 MWF 11:00-11:50  
R 9:30-10:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7902010 2 MWF 2:15-3:05  
R 3:40-4:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO MACHINE LRNG COM S 474 3 CREDITS  
Prereq: COM S 311; STAT 330 OR STAT 305 OR STAT  
341 OR STAT 347; MATH 165; ENGL 250; FOR  
GRADUATE CREDIT: GRADUATE STANDING OR PERMISSION OF  
INSTRUCTOR  
2253005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FND ROBOT&COMPR VIS COM S 477 3 CREDITS  
Prereq: COM S 228; COM S 230 OR CPR E 310;  
MATH 207 OR MATH 317, OR CONSENT OF THE INSTRUCTOR  
6263005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NTWRK PROG&CLD CMPT COM S 487 3 CREDITS  
Prereq: COM S 352 OR CPR E 308  
2972005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY COM S 490 VAR. CREDITS  
Prereq: 6 CREDITS IN COM S; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF COM S 490 OR  
COM S 490H MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS COM S 490H VAR. CREDITS  
Prereq: 6 CREDITS IN COM S; PERMISSION OF  
INSTRUCTOR, MEMBERSHIP IN HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF COM S 490 OR COM S 490H  
MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO  
STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD FORMAL METHDS COM S 507 3 CREDITS  
Prereq: FOR AER E MAJORS: AER E 361, FOR COM S  
MAJORS: COM S 311, FOR OTHER MAJORS: AER E 361 OR  
(COM S 311 OR AN EQUIVALENT COURSE); PERMISSION OF  
INSTRUCTOR  
0647005 1 TR 11:00-12:15 ROZIER K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOFTWARE REQMTS ENGR COM S 509 3 CREDITS  
Prereq: COM S 309; FOR GRADUATE CREDIT: GRADUATE  
STANDING OR PERMISSION OF INSTRUCTOR  
8523005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## COMPUTER SCIENCE (CONTINUED)

DSN&ANALYSIS ALGTHM COM S 511 3 CREDITS  
Prereq: COM S 311  
2706005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROGRAM ANALYSIS COM S 513 3 CREDITS  
Prereq: (COM S 327 OR CPR E 288); COM S 342  
9916005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THEORY OF COMPUTATN COM S 531 3 CREDITS  
Prereq: COM S 331  
2709005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

QUANT INFO&COMPLEX COM S 534 3 CREDITS  
Prereq: (COM S 331 OR PHYS 422 OR PHYS 522);  
(MATH 207 OR MATH 317)  
2376005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LG DATA SET ALGRTHM COM S 535 3 CREDITS  
Prereq: COM S 311 OR EQUIVALENT; GRADUATE  
STANDING OR PERMISSION OF INSTRUCTOR  
9619005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FUND BIOINFORMATICS COM S 544 4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
8547005 1 MWF 11:00-11:50  
R 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN OPERAT SYSTEMS COM S 552 3 CREDITS  
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN  
2713005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DISTRIBUTED SYSTEMS COM S 554 3 CREDITS  
Prereq: COM S 311, COM S 352 OR CPR E 308;  
GRADUATE STANDING OR PERMISSION OF INSTRUCTOR  
2714005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEC&PRIVCY IN CLOUD COM S 559 3 CREDITS  
Prereq: COM S 352 OR CPR E 308  
1746005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN&INTRNLS DATABS COM S 561 3 CREDITS  
Prereq: COM S 311 OR PERMISSION OF INSTRUCTOR  
2715005 1 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STRUCT BIOINFRMTCS COM S 569 3 CREDITS  
Prereq: BCE 567, BBMB 316, GEN 409, STAT 430  
3311005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SYSTEMS BIOLOGY COM S 570 3 CREDITS  
Prereq: BCE 567 OR COM S 311, COM S 228, 208  
GEN 409, EITHER STAT 430, STAT 483, OR STAT 583  
3313005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN ARTIFCL INTELL COM S 572 3 CREDITS  
Prereq: COM S 311; STAT 330 OR STAT 305 OR  
STAT 341; ENGL 250; GRADUATE STANDING OR PERMISSION  
OF INSTRUCTOR  
9065005 1 MWF 11:00-11:50  
R 9:30-10:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9065010 2 MWF 2:15-3:05  
R 3:40-4:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MACHINE LEARNING COM S 573 3 CREDITS  
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN  
2660005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## COMPUTER SCIENCE (CONTINUED)

INTRO MACHINE LRNG COM S 574 3 CREDITS  
Prereq: COM S 311; STAT 330 OR STAT 305 OR  
STAT 341; MATH 165; ENGL 250; GRADUATE STANDING OR  
PERMISSION OF INSTRUCTOR  
8483005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FND ROBOT&COMPR VIS COM S 577 3 CREDITS  
Prereq: COM S 228; COM S 230 OR CPR E 310;  
MATH 207 OR MATH 317, OR CONSENT OF THE INSTRUCTOR;  
GRADUATE STANDING OR PERMISSION OF INSTRUCTOR  
6264005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NATURL LANG PROCESS COM S 579 3 CREDITS  
Prereq: COM S 474/574 OR COM S 573  
0871005 1 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CPR SYS ARCHITECTUR COM S 581 3 CREDITS  
Prereq: MATH 265 AND EITHER MATH 266 OR MATH 267  
2341005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2341010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

NTWRK PROG&CLD CMPT COM S 587 3 CREDITS  
Prereq: COM S 352 OR CPR E 308; GRADUATE STANDING  
OR PERMISSION OF INSTRUCTOR  
6143005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS COM S 590 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRAD STDYS IN COM S COM S 592 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
8406005 1 MWF 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GRADUATE INTERNSHIP COM S 598 R CREDIT  
Prereq: GRADUATE CLASSIFICATION  
5627005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CREATIVE COMPONENT COM S 599 1- 3 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COM S 610 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CMP RANDMNS COM S 633 3 CREDITS  
Prereq: COM S 531  
9466005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TOPC DATABA SYS COM S 661 3 CREDITS  
Prereq: COM S 461 OR COM S 561  
2727005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TOP SFTWR:FNDTN COM S 665A 3 CREDITS  
Prereq: COM S 511  
1971005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TP MACHINE LRNG COM S 673 3 CREDITS  
Prereq: COM S 472 OR COM S 572 OR COM S 573 OR  
COM S 474 OR COM S 574  
9467005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH COM S 699 VAR. CREDITS  
Prereq: APPROVAL OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**CONSTRUCTION ENGINEERING**

ORIENT TO ACAD LIFE CON E 121 1 CREDIT  
5255005 1 R 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: SEC 1 FOR FRESHMAN STUDENTS  
Course delivery is On-site instruction

5255010 2 R 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: SEC 2 FOR TRANSFER STUDENTS  
Course delivery is On-site instruction

CONTRACTR ORG & MGT CON E 222 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN (CHEM 167 OR CHEM 177); C E 160; ENGL 150; ENGR 101; LIB 160; MATH 165; MATH 166; PHYS 231; PHYS 231L  
2363005 1 MW 11:00-11:50  
T 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONSTR MATLS&METHDS CON E 241 3 CREDITS  
Prereq: (CHEM 167 OR CHEM 177); C E 160; ENGL 150; ENGR 101; LIB 160; MATH 165; MATH 166; PHYS 231; PHYS 231L  
Note: COURSE RESTRICTED TO CON E MAJORS ONLY  
2730005 1 MW 12:05-12:55  
R 8:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MECH/ELEC MTRLS&MTH CON E 251 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CON E 241  
2377005 1 T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CON EQUIP&HVY C MTH CON E 322 3 CREDITS  
Prereq: C E 306 OR (CON E 222; CON E 241)  
2737005 1 T 12:10-2:00  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONCRET&STEEL CONST CON E 340 3 CREDITS  
Prereq: (C E 306 OR CON E 222); E M 324  
2741005 1 M 4:25-6:15PM  
W 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MECHAN SYS IN BLDGS CON E 352 3 CREDITS  
Prereq: (CON E 222; CON E 251; PHYS 232; PHYS 232L) OR PERMISSION OF INSTRUCTOR  
5313005 1 MW 1:10-2:00  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ELECTR SYS IN BLDGS CON E 353 3 CREDITS  
Prereq: ((CREDIT OR CONCURRENT ENROLLMENT IN CON E 352); PHYS 232; PHYS 232L) OR PERMISSION OF INSTRUCTOR  
5317005 1 MW 9:55-10:45  
F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGINEERING LAW CON E 380 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: SEC A1 RESTRICTED TO CON E MAJORS ONLY  
SEC A2 RESTRICTED TO MAJORS OTHER THAN CON E  
5102005 A1 TR 5:30-7:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5102010 A2 TR 5:30-7:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONSTR COST EST&ENG CON E 422 3 CREDITS  
Prereq: CON E 241; CON E 251  
2747005 1 T 9:30-11:20  
R 9:30-11:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CON PLAN,SCHED,CNTL CON E 441 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CON E 422  
2742005 1 MW 11:00-11:50  
T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## CONSTRUCTION ENGINEERING

(CONTINUED)

CONSTRUC E DESIGN I CON E 487 3 CREDITS  
Prereq: CON E 340; CON E 352; CON E 353;  
CON E 422; CON E 441; SENIOR CLASSIFICATION  
7639005 1 MF 12:05-12:55  
T 11:00-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7639010 2 MF 12:05-12:55  
T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CON ENGR DESIGN II CON E 488 3 CREDITS  
Prereq: CON E 340; CON E 352; CON E 353; CON E 422; CON E 441; FINAL GRADUATING SEMESTER  
7524005 1 M 8:50-10:40  
M 8:50-10:40  
WF 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY CON E 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**CRIMINAL JUSTICE**

SEM:CJ LEAG LRN COM C J 120 1 CREDIT  
Satisfactory-Fail Only.  
0498005 1 W 9:55-10:45 PARKER J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR CRIMINL JUSTIC C J 240 3 CREDITS  
Note: SEC A1 IS RESTRICTED TO C J, CJ ST & SOC MAJORS ONLY. SEC A2 IS FOR MAJORS OTHER THAN C J, CJ ST & SOC.  
0407005 A1 TR 11:00-12:15 DELISI M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0407010 A2 TR 11:00-12:15 DELISI M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

YOUTH & CRIME C J 241 3 CREDITS  
0401005 A1 ARRANGED HOCHSTETLER A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
0401010 A2 ARRANGED HOCHSTETLER A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
0401015 B1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0401020 B2 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CRIMINOLOGY C J 242 3 CREDITS  
Prereq: C J 240  
Note: SEC A1 IS RESTRICTED TO C J, CJ ST & SOC MAJORS ONLY. SEC A2 IS FOR MAJORS OTHER THAN C J, CJ ST & SOC.  
0408005 A1 ARRANGED BUTLER H  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
0408010 A2 ARRANGED BUTLER H  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

LTNO/AS/X CR JST CM C J 333X 3 CREDITS  
Prereq: US LS 211 OR C J 240  
4612005 1 TR 2:10-3:25 HARPER S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LIBERTY&LAW IN AMER C J 339 3 CREDITS  
0392005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DEVIANT & CRIM BEHAV C J 340 3 CREDITS  
Prereq: SOC 134 OR C J 240  
Note: SEC A1 RESTRICTED TO C J, SOC MAJORS ONLY. SEC A2 RESTRICTED TO MAJORS OTHER THAN C J, SOC.  
0402005 A1 ARRANGED BEHNKEN M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
0402010 A2 ARRANGED BEHNKEN M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
0402015 B1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0402020 B2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CRIMINAL JUSTICE (CONTINUED)

POLICE AND SOCIETY C J 351 3 CREDITS  
 Prereq: C J 240 OR C J 241 OR SOC 241  
 0412005 1 ARRANGED BRINKLEY J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

PNISH,CORECTN&SOCIE C J 352 3 CREDITS  
 Prereq: C J 240 OR C J 241 OR SOC 241  
 0468005 1 TR 11:00-12:15 BUTLER H  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WHITE-COLLAR CRIME C J 402 3 CREDITS  
 Prereq: C J 240 OR C J 241 OR SOC 241  
 0469005 1 TR 3:40-4:55 HOCHSTETLER A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CRIMINAL OFFENDERS C J 403 3 CREDITS  
 Prereq: C J 240 OR C J 241  
 0471005 1 ARRANGED DRURY A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

CRIMNL JUSTC POLICI C J 404 3 CREDITS  
 Prereq: C J 240  
 0475005 1 MWF 11:00-11:50 BOUFFARD J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DRUGS AND CRIME C J 405 3 CREDITS  
 Prereq: C J 240  
 0486005 1 ARRANGED BOUFFARD J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

GENDER AND CRIME C J 406 3 CREDITS  
 Prereq: C J 240  
 0487005 1 ARRANGED HARPER S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

CRIM&JUV JUST INTRN C J 460 3- 9 CREDITS  
 Prereq: JR/SR CLASSIFICATION; MAJOR OR MINOR IN  
 CRIMINAL JUSTICE OR SOCIOLOGY.  
 Note: NO MORE THAN 9 CREDITS OF SOC 460/C J 460  
 MAY BE COUNTED TOWARD GRADUATION.  
 Satisfactory-Fail Only.  
 0400005 1 ARRANGED DELISI M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ETHCL ISS CRIMNL JU C J 470 3 CREDITS  
 0019005 1 ARRANGED BURGASON K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

TOPIC CRIM&JUV JUST C J 484 3 CREDITS  
 Prereq: 6 CREDITS IN C J OR PERMISSION OF  
 INSTRUCTOR  
 0489005 1 TR 9:30-10:45 DELISI M  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 TOPIC: HOMICIDE  
 Course delivery is On-site instruction  
 0489010 2 M 5:30-8:30PM DRURY A  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 TOPIC: CORRECTIONAL TREATMENT & SUPERVISION  
 Course delivery is On-site instruction

CRIMNL JUSTC POLICI C J 504X 3 CREDITS  
 Prereq: C J 240 OR GRADUATE STANDING  
 2450005 1 MWF 11:00-11:50 BOUFFARD J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

**CYBER SECURITY**

NTWRK PROTOCL&SECUR CYBSC 430 3 CREDITS  
 Prereq: CPR E 308 OR COM S 252 OR COM S 352  
 0192005 1 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0192010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

NTWRK PROTOCL&SECUR CYBSC 530 3 CREDITS  
 Prereq: CPR E 308 OR COM S 252 OR COM S 352  
 0200005 1 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0200010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

CYBER SECURITY (CONTINUED)

INFO SYSTM SECURITY CYBSC 531 3 CREDITS  
 Prereq: CPR E 489 OR CPR E 530 OR COM S 586 OR  
 MIS 535  
 0201005 1 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0201010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

CMPT&NTWRK FORENSI CYBSC 536 3 CREDITS  
 Prereq: CPR E 489 OR CPR E 530  
 0257005 1 TR 12:40-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0257010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

CYBER SEC SUM INTRN CYBSC 697 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT, GRADUATE  
 CLASSIFICATION  
 Satisfactory-Fail Only.  
 0958005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

**CYBER SECURITY ENGINEERING**

CYBER SECUR FUNDMTL CYB E 230 3 CREDITS  
 Prereq: COM S 227 OR E E 285 OR MIS 207  
 0136005 1 TR 8:00-8:50  
 R 9:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO COM S, CPR E, CYB E, DS, E E  
 S E MAJORS ONLY  
 Course delivery is On-site instruction  
 0136010 2 TR 8:00-8:50  
 F 8:50-10:40  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO COM S, CPR E, CYB E, DS, E E  
 S E MAJORS ONLY  
 Course delivery is On-site instruction  
 0136015 3 TR 8:00-8:50  
 R 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO COM S, CPR E, CYB E, DS, E E  
 S E MAJORS ONLY  
 Course delivery is On-site instruction  
 0136020 4 TR 8:00-8:50  
 T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 RESTRICTED TO COM S, CPR E, CYB E, DS, E E  
 S E MAJORS ONLY  
 Course delivery is On-site instruction  
 0136025 5 TR 8:00-8:50  
 T 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 5 RESTRICTED TO COM S, CPR E, CYB E, S,  
 COM S, MIS, S E MAJORS ONLY  
 Course delivery is On-site instruction

CYBER SECURTY TOOLS CYB E 231 3 CREDITS  
 Prereq: CPR E 230 OR CYB E 230  
 0147005 1 TR 11:00-11:50  
 T 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO COM S, CPR E, CYB E, DS, E E  
 MIS, S E MAJORS ONLY  
 Course delivery is On-site instruction  
 0147010 2 TR 11:00-11:50  
 W 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO COM S, CPR E, CYB E, DS, E E  
 MIS, S E MAJORS ONLY  
 Course delivery is On-site instruction  
 0147015 3 TR 11:00-11:50  
 F 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO COM S, CPR E, CYB E, DS,  
 E E, MIS, S E MAJORS ONLY  
 Course delivery is On-site instruction

CYB SYS LEGAL,ETHCL CYB E 234 3 CREDITS  
 Prereq: COM S 227, OR E E 285 OR MIS 207  
 Note: COURSE RESTRICTED TO COM S, CPR E, CYB E,  
 E E, MIS, S E MAJORS ONLY  
 0156005 1 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CYB SEC CRYPTGR APP CYB E 331 3 CREDITS  
 Prereq: CPR E 231 OR CYB E 231  
 Note: COURSE RESTRICTED TO COM S, CPR E, CYB E,  
 E E, MIS, S E MAJORS ONLY  
 ONLY ONE OF CPR E/CYB E 331 AND CPR E 431 MAY COUNT  
 TOWARDS GRADUATION.  
 0161005 1 TR 12:40-1:30  
 W 8:50-10:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0161010 2 TR 12:40-1:30  
 T 9:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## CYBER SECURITY ENGINEERING (CONTINUED)

CYB SEC CRYPTGR APP CYB E 331 3 CREDITS  
 0161015 3 TR 12:40-1:30  
 T 6:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

**DANCE**

MODERN DANCE I DANCE 120 1 CREDIT  
 Satisfactory-Fail Only.  
 2838005 1 MW 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BALLET I DANCE 130 1 CREDIT  
 Satisfactory-Fail Only.  
 2839005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

JAZZ I DANCE 140 1 CREDIT  
 Satisfactory-Fail Only.  
 2840005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TAP DANCE I DANCE 150 1 CREDIT  
 Satisfactory-Fail Only.  
 2841005 1 MW 3:20-4:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BALLROOM DANCE I DANCE 160 1 CREDIT  
 Satisfactory-Fail Only.  
 2842005 1 TR 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2842010 2 TR 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MODERN DANCE COMPOS DANCE 220 2 CREDITS  
 Prereq: DANCE 120 OR PERMISSION OF INSTRUCTOR  
 2846005 1 TR 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MODERN DANCE II DANCE 222 1 CREDIT  
 Prereq: DANCE 120 OR PERMISSION OF INSTRUCTOR  
 2847005 1 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CONCERT&THRE DANCE DANCE 224 .5- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 2849005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SECTION 1 OFFERED FOR 1 CREDIT  
 Course delivery is On-site instruction  
 2849010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SECTION 2 OFFERED FOR 2 CREDITS  
 Course delivery is On-site instruction

BALLET III DANCE 233 1 CREDIT  
 Prereq: DANCE 232  
 2851005 1 MW 12:05-1:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

JAZZ II DANCE 242 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2852005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

YOGA MOVEMENT DANCE 250 1 CREDIT  
 9549005 1 TR 4:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DANCE APPRECIATION DANCE 270 3 CREDITS  
 Note: Meets international perspectives reqmt  
 2855005 1 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADV STUDIES DANCE DANCE 370 1- 3 CREDITS  
 Prereq: 2 CREDITS IN DANCE  
 Note: Instructor permission required 1st week.  
 2858005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

## DANCE (CONTINUED)

MTHD OF TCHNG DANCE DANCE 385 2 CREDITS  
 2860005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDEPEN STUDY DANCE DANCE 490A 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY DANCE 490H 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**DATA SCIENCE**

ORIENTATN DATA SCI DS 110 R CREDIT  
 Satisfactory-Fail Only.  
 0008005 1 T 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO DATA SCIENCE DS 201 3 CREDITS  
 Prereq: PLACEMENT INTO MATH 143  
 9812005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

9812010 2 MW 2:15-3:05  
 F 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DATA ACQUISN&ANALYS DS 202 3 CREDITS  
 Prereq: DS 201X  
 9884005 1 TR 8:00-9:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

APP DATA MODEL&ANLY DS 301 3 CREDITS  
 Prereq: DS 202; 1 COURSE FROM THE FOLLOWING: STAT  
 101, STAT 104, STAT 105, STAT 201, STAT 226, STAT  
 231, STAT 305, STAT 322, STAT 330  
 9887005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MACHINE LRN CONCPTS DS 303 3 CREDITS  
 Prereq: DS 202, MATH 207, MATH 265, STAT 301  
 0007005 1 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

**DESIGN**

DESIGN THINKING DES 230 3 CREDITS  
 4957005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

**DESIGN STUDIES**

DESIGN STUDIO I DSN S 102 4 CREDITS  
 Note: ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF  
 DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED TO  
 COLLEGES OTHER THAN DESIGN.

8050005 1 MW 8:50-11:40  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

8050010 2 MW 8:50-11:40  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

8050015 3 MW 8:50-11:40  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

8050020 4 MW 8:50-11:40  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

8050025 5 MW 8:50-11:40  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

8050030 6 MW 8:50-11:40  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

8050035 7 MW 8:50-11:40  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIO I DSN S 102 4 CREDITS  
 8050036 8 MW 8:50-11:40  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050045 9 MW 12:05-2:55  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050050 10 MW 12:05-2:55  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050055 11 MW 12:05-2:55  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050060 12 MW 12:05-2:55  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050065 13 MW 12:05-2:55  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050070 14 MW 12:05-2:55  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050075 15 MW 12:05-2:55  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050080 16 MW 12:05-2:55  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050085 17 TR 7:55-10:45  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050090 18 TR 7:55-10:45  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050095 19 TR 7:55-10:45  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050100 20 TR 7:55-10:45  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050105 21 TR 7:55-10:45  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050110 22 TR 7:55-10:45  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050115 23 TR 11:00-1:50  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050120 24 TR 11:00-1:50  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050125 25 TR 11:00-1:50  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050130 26 TR 11:00-1:50  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050135 27 TR 11:00-1:50  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050149 28 TR 11:00-1:50  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIO I DSN S 102 4 CREDITS  
 8050145 29 TR 7:55-10:45  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 8050150 30 TR 7:55-10:45  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 DESIGN EXCH SEMIN I DSN S 110 1 CREDIT  
 Prereq: MEMBER OF DESIGN EXCHANGE LEARN COMMUNITY  
 Satisfactory-Fail Only.  
 7652005 1 T 6:00-7:30PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 DESIGN COLLABOR SEM DSN S 115 1 CREDIT  
 Prereq: MEMBER OF DESIGN COLLABORATIVE LEARNING  
 COMMUNITY  
 Satisfactory-Fail Only.  
 7947005 1 F 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7947010 2 W 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 DRAWING I DSN S 131 4 CREDITS  
 Note: ODD NUMBERED SEC ARE RESTRICTED TO THE COLLEGE  
 OF DESIGN MAJORS ONLY. EVEN NUMBERED SEC ARE FOR  
 MAJORS OTHER THAN IN THE COLLEGE OF DESIGN.  
 Instructor permission required 1st week.  
 2124005 1 MW 8:50-11:40  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124010 2 MW 8:50-11:40  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124015 3 MW 8:50-11:40  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124020 4 MW 8:50-11:40  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124025 5 MW 8:50-11:40  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124030 6 MW 8:50-11:40  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124035 7 MW 12:05-2:55  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124040 8 MW 12:05-2:55  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124045 9 MW 12:05-2:55  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124050 10 MW 12:05-2:55  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124055 11 MW 12:05-2:55  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124060 12 MW 12:05-2:55  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124065 13 MW 3:20-6:10PM  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124070 14 MW 3:20-6:10PM  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124075 15 MW 3:20-6:10PM  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124080 16 MW 3:20-6:10PM  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124085 17 TR 11:00-1:50  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

## DESIGN STUDIES

(CONTINUED)

DRAWING I DSN S 131 4 CREDITS  
 2124090 18 TR 11:00-1:50  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124095 19 TR 11:00-1:50  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124100 20 TR 11:00-1:50  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124105 21 MW 3:20-6:10PM  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124110 22 MW 3:20-6:10PM  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124115 23 MW 3:20-6:10PM  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124120 24 MW 3:20-6:10PM  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124125 25 TR 7:55-10:45  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124130 26 TR 7:55-10:45  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124135 27 TR 7:55-10:45  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 27 RESTRICTED TO BEM I MAJORS ONLY  
 Course delivery is Hybrid (Online and F2F)  
 2124140 28 TR 7:55-10:45  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124145 29 TR 11:00-1:50  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 2124150 30 TR 11:00-1:50  
 T 3:40-4:30, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

## DIGITL DSN LITERCY DSN S 132 1 CREDIT

Prereq: ADMITTANCE TO CORE DESIGN PROGRAM  
 0908005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO P ID, P ISA, P GR, P IND D,  
 DSGN, P LA, P ARC MAJORS  
 Course delivery is WWW  
 0908010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 FOR NON DESIGN MAJORS  
 Course delivery is WWW

## DESIGN IN CONTEXT DSN S 183 3 CREDITS

5945150 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is WWW  
 5945005 A1 TR 2:10-3:00  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC A1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945010 A2 TR 2:10-3:00  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC A2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945015 B1 TR 2:10-3:00  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC B1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945020 B2 TR 2:10-3:00  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC B2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945025 C1 TR 2:10-3:00  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC C1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945030 C2 TR 2:10-3:00  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC C2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945035 D1 TR 2:10-3:00  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC D1 RESTRICTED TO DESIGN MAJORS

## DESIGN STUDIES

(CONTINUED)

DESIGN IN CONTEXT DSN S 183 3 CREDITS  
 Course delivery is On-site instruction  
 5945040 D2 TR 2:10-3:00  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC D2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945045 E1 TR 2:10-3:00  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC E1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945050 E2 TR 2:10-3:00  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC E2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945055 F1 TR 2:10-3:00  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC F1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945060 F2 TR 2:10-3:00  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC F2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945065 G1 TR 2:10-3:00  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC G1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945070 G2 TR 2:10-3:00  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC G2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945075 H1 TR 2:10-3:00  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC H1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945080 H2 TR 2:10-3:00  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC H2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945085 I1 TR 2:10-3:00  
 F 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: SEC I1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945090 I2 TR 2:10-3:00  
 F 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: SEC I2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945095 J1 TR 2:10-3:00  
 F 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: SEC J1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945100 J2 TR 2:10-3:00  
 F 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: SEC J2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945105 K1 TR 2:10-3:00  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC K1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945110 K2 TR 2:10-3:00  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC K2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945115 L1 TR 2:10-3:00  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC L1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945120 L2 TR 2:10-3:00  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC L2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945125 M1 TR 2:10-3:00  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC M1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945130 M2 TR 2:10-3:00  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC M2 RESTRICTED TO NON-DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945135 N1 TR 2:10-3:00  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC N1 RESTRICTED TO DESIGN MAJORS  
 Course delivery is On-site instruction  
 5945140 N2 TR 2:10-3:00  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC N2 RESTRICTED TO NON-DESIGN MAJORS



## DESIGN STUDIES

(CONTINUED)

DESIGN IN CONTEXT DSN S 183 3 CREDITS  
Course delivery is On-site instruction

DIGTL DSGN CMUNICA DSN S 232 3 CREDITS  
2087005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STDY ABRD PREP SEMN DSN S 301 1 CREDIT  
Note: COURSE RESTRICTED TO ARC, ARCH, L A MAJORS ONLY  
Satisfactory-Fail Only.  
7396005 1 W 6:00-6:50PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7396010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DESIGN LEADRSHIP SEM DSN S 302 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
8568005 1 M 6:10-7:00PM  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction  
8568010 2 T 5:30-7:00PM  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DESIGN AMBASSADORS DSN S 303 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR.  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
1677005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

PRACTICAL EXPERIENC DSN S 310 R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
5669005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

TIME-BASE DIGT MDIA DSN S 333 3 CREDITS  
Prereq: ARCH 230, ARTGR 275, DSN S 232, OR  
IND D 240  
9924005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEP STDY CMUNICAT DSN S 490C 1- 4 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT  
CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPN STUDY DESIGN DSN S 490D 1- 4 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT  
CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENTREPRN DSN S 490E 1- 4 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT  
CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY OUTREACH DSN S 490G 1- 4 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT  
CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTRO RESRCH DESIGN DSN S 501 3 CREDITS  
Prereq: ADMISSION INTO A GRADUATE PROGRAM OR  
SENIOR STANDING.  
0876005 1 M 5:30-8:30PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS DSN S 590 1- 4 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT  
CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMNT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## DIETETICS

(CONTINUED)

OBSITY ACRS LIFSPAN DIET 526 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
7560700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

NUTRI THRPY EAT DIS DIET 531 3 CREDITS  
Prereq: ENROLLMENT IN MFCS-DIETETICS AND A COURSE  
IN MEDICAL NUTRITION THERAPY OR CONSENT OF INSTRUCTOR  
1816700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

NUTRITN:LIFE STAGES DIET 538 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
4450700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA DIETETICS STUDENTS  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

PEDIATRC CLIN NUTRI DIET 544 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
4373700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

STATISTICS DIET 554 3 CREDITS  
Prereq: ENROLLMENT IN GPIDEA MFCS IN DIETETICS  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY  
BE APPLIED TOWARD GRADUATION BY DIETETICS STUDENTS:  
DIET 554, STAT 401, STAT 495, STAT 542  
4268700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

PUBLIC HEALTH NUTRIT DIET 555 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
0554700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

ADV MED NUTRI THRPY DIET 560 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
Note: CREDIT FOR ONLY TWO OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: DIET 560, NUTRS 561,  
NUTRS 564  
4197700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

INTL NUTRI&WLD HNGR DIET 565 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
5574700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

NUTRI&HUMAN PERFORM DIET 570 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
4074700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

CURR ISSU OR TRENDS DIET 572 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
4070700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

NUTRITN &IMMUNOLOGY DIET 574 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
9629700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA DIETETICS STUDENTS  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

## DIETETICS

RESEARCH METHODS DIET 511 3 CREDITS  
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
Note: CREDIT FOR EITHER DIET 511 OR FCEDS 511, BUT  
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
5559700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS  
Course delivery is On-site instruction  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

DIETETICS

(CONTINUED)

CREATIVE COMPONENT DIET 599 VAR. CREDITS  
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
 8000700 F ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Tuition Category: GPIEDA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium

**EARLY CHILDCARE EDUCATION AND PROGRAMMIN**

CHILD DEVEL BIRTH-3 E C P 201 3 CREDITS  
 Prereq: HD FS 102  
 4004700 G ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC G RESTRICTED TO GPIEDA STUDENTS. EMAIL  
 GPIEDAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT.  
 Tuition Category: GPIEDA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium

PROFESSIONAL DEVLOP E C P 305 3 CREDITS  
 Prereq: HD FS 102  
 9204700 G ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC G RESTRICTED TO GPIEDA STUDENTS  
 Tuition Category: GPIEDA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium

PRACTICUM I--OBSERV E C P 320 3 CREDITS  
 3963700 F ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Tuition Category: GPIEDA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium  
 3963705 H ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Tuition Category: GPIEDA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium

TECHNOLG &YNG CHILD E C P 324 3 CREDITS  
 3992700 G ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC G RESTRICTED TO GPIEDA STUDENTS. EMAIL  
 GPIEDAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT.  
 Tuition Category: GPIEDA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium

DEVLP CURRIC AGE0-3 E C P 412 3 CREDITS  
 3993700 G ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC G RESTRICTED TO GPIEDA STUDENTS  
 Tuition Category: GPIEDA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium

ADAPTING DEV DIFFRNC E C P 425 3 CREDITS  
 3998705 F ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Tuition Category: GPIEDA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium  
 3998710 H ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Tuition Category: GPIEDA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium  
 3998005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Tuition Category: GPIEDA Consortium  
 Course delivery is WWW

PRACTM II CURRIC DV E C P 440 3 CREDITS  
 3999700 F ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium  
 3999705 H ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Tuition Category: GPIEDA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium

PRACTM III CAPSTONE E C P 460 3- 6 CREDITS  
 Prereq: E C P 322, E C P 323, E C P 324,  
 E C P 440, E C P 442  
 4001700 F ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Tuition Category: GPIEDA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium

**ECOLOGY & EVOLUTIONARY BIOLOGY**

FOUND ECO&EVOL BIOL EEB 511 4 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 5778005 1 TR 12:40-2:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPECIAL TOPICS EEB 590 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND INSTR PERMISSN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR EEB 698 1 CREDIT  
 Note: COURSE IS FOR EEB MAJORS. NON-MAJORS BY  
 PERMISSION OF THE INSTRUCTOR.  
 7861005 1 R 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RESEARCH EEB 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ECOLOGY, EVOLUTION & ORGANISMAL BIOL**

INTR PROTEOMCS TCNQ EEOB 542E 1 CREDIT  
 Satisfactory-Fail Only.  
 7219005 1 TR 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTR METABLMCS TCNQ EEOB 542F 1 CREDIT  
 Satisfactory-Fail Only.  
 9013005 1 M 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MOLECULAR EVOLUTION EEOB 566 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6981005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

COMMUNITY ECOLOGY EEOB 585 3 CREDITS  
 Prereq: BIOL 312  
 Note: Instructor permission required 1st week.  
 2133005 1 MW 8:50-9:40  
 M 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AQUATIC ECOLOGY EEOB 586 3 CREDITS  
 Prereq: BIOL 312 OR ENSCI 319 OR ENSCI 402 OR  
 NREM 301  
 5636005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AQUATIC ECOLOGY LAB EEOB 586L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN A ECL 586  
 OR ENSCI 586 OR EEOB 586  
 5643005 1 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5643010 2 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MICROBIAL ECOLOGY EEOB 587 3 CREDITS  
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
 2110005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPCL TOPICS ECOLOGY EEOB 590A 1- 3 CREDITS  
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EVOLUT BIOL EEOB 590B 1- 3 CREDITS  
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ORGNISM BIOL EEOB 590C 1- 3 CREDITS  
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT EEOB 599 VAR. CREDITS  
 2145005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

SEMINAR EEOB 698 1 CREDIT  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH EEOB 699 VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ECONOMICS

PRIN MICROECONOMICS ECON 101 3 CREDITS  
 3100005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3100010 2 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3100015 3 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3100020 4 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3100025 5 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3100030 6 TR 12:40-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3100040 7 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3100045 8 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 8 RESTRICTED TO AG B, P S A, AG SO MAJORS.  
 STUDENTS ENROLLING IN SEC 8 MUST ENROLL IN ECON 101L.  
 Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3100050 9 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3100055 10 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3100060 11 TR 12:40-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3100065 12 TR 12:40-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3100070 13 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

PRIN MICROECON LAB ECON 101L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN THE APPROPRIATE SECTION OF ECON 101  
 Note: COURSE RESTRICTED TO AG B, P S A, AG SO MAJORS

5265005 1 M 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5265010 2 W 3:20-5:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5265015 3 W 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRIN MACROECONOMICS ECON 102 3 CREDITS

3099005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3099010 2 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3099015 3 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3099020 4 TR 12:40-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3099025 5 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3099030 6 ARRANGED  
 MEETS: AUG 21-DEC 15

## ECONOMICS

(CONTINUED)

PRIN MACROECONOMICS ECON 102 3 CREDITS  
 Note: Course delivery is WWW

ORIENTATION AG BUSI ECON 110 1 CREDIT

3172005 1 T 2:10-3:00  
 R 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO AG B MAJORS ONLY  
 Course delivery is On-site instruction

3172010 2 T 2:10-3:00  
 R 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO AG B MAJORS ONLY  
 Course delivery is On-site instruction

3172015 3 T 2:10-3:00  
 R 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO AG B MAJORS ONLY  
 Course delivery is On-site instruction

3172020 4 T 2:10-3:00  
 R 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 RESTRICTED TO AG B MAJORS ONLY  
 Course delivery is On-site instruction

3172025 5 T 2:10-3:00  
 R 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 5 RESTRICTED TO AG B MAJORS ONLY  
 Course delivery is On-site instruction

3172030 6 T 2:10-3:00  
 R 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 6 RESTRICTED TO AG B MAJORS ONLY  
 Course delivery is On-site instruction

3172035 7 MW 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC 7 RESTRICTED TO ECON MAJORS ONLY  
 Course delivery is On-site instruction

3172040 8 TR 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 8 FOR INCOMING TRANSFER STUDENTS  
 Course delivery is On-site instruction

3172045 9 MW 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: SEC 9 RESTRICTED TO ECON MAJORS ONLY  
 Course delivery is On-site instruction

APPL ECON OPTIMIZTN ECON 207 3 CREDITS  
 Prereq: MATH 151 OR MATH 160 OR MATH 165

2753005 1 MW 9:55-10:45  
 W 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

2753010 2 MW 9:55-10:45  
 R 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

2753015 3 MW 9:55-10:45  
 F 8:35-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FARM BUSINESS MGT ECON 230 3 CREDITS  
 Prereq: ACCT 284; ECON 101

3177005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3177010 2 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SMALL BUSINESS MGMT ECON 234 3 CREDITS  
 Prereq: ECON 101

4708005 1 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO AGRI MARKETS ECON 235 3 CREDITS  
 Prereq: ECON 101

3174005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3174010 2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

AGRICULTURL SELLING ECON 236 3 CREDITS  
 Prereq: ECON 101

9530005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO AG B, P S A, AG SO MAJORS ONLY  
 Course delivery is On-site instruction

9530010 2 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## ECONOMICS (CONTINUED)

CAREER SEM:AG BSNSS ECON 292A 1 CREDIT  
Prereq: MAJOR IN ECONOMICS OR AGRICULTURAL BUSINESS  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:  
ECON 292, ECON 292A, ECON 292B  
3743005 1 W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERNSHIP ECON 297 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; MAJOR IN AGRICULTURAL BUSINESS OR ECONOMICS  
Note: NO MORE THAN 4 CREDITS OF ECON 297 MAY BE APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
2040005 1 M 3:20-5:10  
MEETS: AUG 21-DEC 15  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

COOPERATIVE EDUC ECON 298 R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION  
Note: Instructor permission required.  
4834005 1 ARRANGED  
MEETS: AUG 21-DEC 15

INTERMED MICROECON ECON 301 3- 4 CREDITS  
Prereq: ECON 101; (ECON 207 OR MATH 166)  
Note: COURSE ONLY OFFERED FOR 4 CREDITS FALL 2022  
3101005 1 TR 11:00-12:15  
T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3101010 2 TR 11:00-12:15  
W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3101015 3 MWF 9:55-10:45  
W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3101020 4 MWF 9:55-10:45  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3101025 5 TR 11:00-12:15  
W 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3101030 6 MWF 9:55-10:45  
W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3101035 7 MWF 9:55-10:45  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERMED MACROECON ECON 302 3 CREDITS  
Prereq: ECON 101; ECON 102; (MATH 160 OR MATH 165)  
3102005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

ECONOMICS OF SPORTS ECON 313 3 CREDITS  
Prereq: ECON 101  
4910005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ECON OF DISCRIMINAT ECON 321 3 CREDITS  
Prereq: ECON 101  
3116005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV FARM BSNSS MGMT ECON 330 3 CREDITS  
Prereq: ECON 230  
3182005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVES ECON 332 3 CREDITS  
Prereq: ECON 101  
3181005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ECONOMICS (CONTINUED)

ENTREPRENEURSHIP AG ECON 334 3 CREDITS  
Prereq: ECON 101  
6836005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MONEY,BANK,FIN INST ECON 353 3 CREDITS  
Prereq: ECON 101; ECON 102  
3103005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

INTRO ECONOMETRICS ECON 371 4 CREDITS  
Prereq: ECON 301; (ECON 302 OR ECON 353); STAT 326  
2790005 1 MW 11:00-11:50  
F 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

RURAL,URB&REGN ECON ECON 376 3 CREDITS  
Prereq: ECON 101  
3119005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVE EDUC ECON 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
Note: Permission of Advisor required.  
4835005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EXPRMNTAL ECONOMICS ECON 410X 3 CREDITS  
Prereq: ECON 301  
1492005 1 M 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

MANAGERIAL ECONMCS ECON 431 3 CREDITS  
Prereq: ECON 301  
3173005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMMODO MKTG&RISK MG ECON 437 3 CREDITS  
Prereq: ECON 235; ECON 301; STAT 326  
7572005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ECONOMIC GROWTH ECON 450X 3 CREDITS  
Prereq: ECON 301 OR ECON 302  
Note: Meets international perspectives reqmt  
1493005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AGRICULTURL FINANCE ECON 466 3 CREDITS  
Prereq: ECON 301; FIN 301; STAT 226  
3183005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

INTERMD ENVIR&RESOU ECON 480 3 CREDITS  
Prereq: ECON 301  
3187005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY ECON 490 1- 5 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
14 CREDITS IN ECON; PERMISSION OF INSTRUCTOR  
Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR ECON 490E 1- 5 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
14 CREDITS IN ECON; PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 490H 1- 5 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
14 CREDITS IN ECON; PERMISSION OF INSTRUCTOR  
Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION. COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ECONOMICS

(CONTINUED)

GRADUATING SR SURVEY ECON 492 R CREDIT  
 Prereq: GRADUATING SENIOR  
 Satisfactory-Fail Only.  
 6208005 1 R 4:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: SECTION 1 RESTRICTED TO ECON MAJORS ONLY  
 Course delivery is On-site instruction  
 Section info: http://www.econ.iastate.edu  
 /undergraduate-programs/courses  
 6208010 2 R 4:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: SECTION 2 RESTRICTED TO AG B MAJORS ONLY  
 Course delivery is On-site instruction  
 6208015 3 R 4:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: SECTION 3 RESTRICTED TO BUSEC MAJORS ONLY  
 Course delivery is On-site instruction

COOPERATIVE EDUC ECON 498 R CREDIT  
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE  
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
 Note: Permission of Advisor required.  
 4836005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

QUANT MTH EC ONLY I ECON 500 4 CREDITS  
 Prereq: ECON 301, MATH 160 OR MATH 165; MATH 166  
 OR ECON 207; ONE OF STAT 326, STAT 341, OR ECON 371;  
 AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION  
 3127005 1 MW 1:10-3:00  
 F 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MICROECONOMICS ECON 501 4 CREDITS  
 Prereq: ECON 301, CREDIT OR ENROLLMENT IN ECON  
 500 OR EQUIVALENT BACKGROUND IN CALCULUS AND  
 STATISTICS  
 7913005 1 TR 11:00-12:15  
 F 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RES SEM EXPRMTL ECN ECON 511X 3 CREDITS  
 Prereq: ECON 510  
 1687005 1 T 5:30-8:20PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

LABOR SUP&HUMAN CAP ECON 520 3 CREDITS  
 Prereq: ECON 501 OR ECON 601  
 3191005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TRNDS AGRI-FOOD BUS ECON 531 2 CREDITS  
 Prereq: ENROLLMENT IN THE IVY EXECUTIVE MBA  
 PROGRAM WITHIN THE IVY COLLEGE OF BUSINESS AT  
 ISU  
 Note: COURSE RESTRICTED TO HE IVY EXECUTIVE MBA PROGRAM  
 WITHIN THE IVY COLLEGE OF BUSINESS AT IOWA STATE  
 UNIVERSITY  
 0999005 1 TWR 1:10-5:00  
 MEETS: AUG 15-17  
 Note: Course delivery is On-site instruction

MNGRL EC GLOBAL ORG ECON 532 3 CREDITS  
 Prereq: ENROLLMENT IN MBA OR BAS PROGRAM; NOT FOR  
 ECONOMICS MAJORS  
 Note: COURSE RESTRICTED TO BUSAD GRADS ONLY  
 3128005 1 TR 7:30-10:50  
 MEETS: OCT 10-NOV 16  
 Note: Course delivery is On-site instruction

INTERMD ENVIR&RESOU ECON 580 3 CREDITS  
 Prereq: ECON 301 OR ECON 501  
 7643005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPECIAL TOPICS ECON 590 1- 5 CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1- 5 CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MICROECON ANALYS I ECON 601 4 CREDITS  
 Prereq: ECON 301 AND PERMISSION OF DIRECTOR OF  
 GRADUATE EDUCATION  
 Note: PERMISSION OF DIRECTOR OF ECON GRAD STUDIES  
 REQUIRED.  
 3124005 1 TR 11:00-12:50  
 F 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ECONOMICS

(CONTINUED)

MACROECON ANALYSIS ECON 602 4 CREDITS  
 Prereq: ECON 301, ECON 302, AND PERMISSION OF  
 DIRECTOR OF GRADUATE EDUCATION  
 Note: PERMISN OF DIRECTOR OF ECON GRAD STUDIES REQUIRED  
 TO ADD. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
 3126005 1 MW 11:00-12:50  
 F 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDUST ORGANIZATN I ECON 615 3 CREDITS  
 Prereq: ECON 603  
 2937005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GAME THEORY ECON 618 3 CREDITS  
 Prereq: ECON 603, OR ECON 501 AND PERMISSION OF  
 INSTRUCTOR  
 9532005 1 M 5:30-8:20PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AGRICULTURAL ECON I ECON 641 3 CREDITS  
 Prereq: ECON 603  
 3203005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTERNATIONAL TRADE ECON 655 3 CREDITS  
 Prereq: ECON 603  
 3140005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ECONOMETRICS I ECON 671 4 CREDITS  
 Prereq: ECON 501 AND STAT 447 OR STAT 542  
 3145005 1 TR 9:00-10:50  
 F 8:50-10:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MICROECONOMETRICS ECON 673 3 CREDITS  
 Prereq: ECON 672, ECON 601  
 7404005 1 MW 8:00-9:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADVANCED TOPICS ECON 690 1- 5 CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH WRKSHP:METHODS ECON 694A 3 CREDITS  
 Prereq: ECON 603, ECON 604, ECON 672  
 Satisfactory-Fail Only.  
 8585005 1 W 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RESEARCH ECON 699 VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**EDUCATION**

PK-6 CLSRM TECNOLGI EDUC 201 3 CREDITS  
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY  
 3015095 1 TR 11:00-11:50  
 T 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO EL ED MAJORS ONLY  
 Course delivery is On-site instruction

3015015 2 TR 11:00-11:50  
 W 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: SECTION 2 RESTRICTED TO EL ED, ECE MAJORS ONLY  
 Course delivery is On-site instruction

3015020 3 TR 11:00-11:50  
 W 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SECTION 3 RESTRICTED TO EL ED MAJORS ONLY  
 Course delivery is On-site instruction

3015025 4 TR 11:00-11:50  
 R 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SECTION 4 RESTRICTED TO ECE, EL ED MAJORS ONLY  
 Course delivery is On-site instruction

3015085 5 TR 11:00-11:50  
 R 8:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SECTION 5 RESTRICTED TO EL ED MAJORS ONLY  
 Course delivery is On-site instruction

7-12 CLASSRM TECHNO EDUC 202 3 CREDITS  
 3658005 1 TR 2:10-3:00  
 F 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3658010 2 TR 2:10-3:00  
 F 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EDUCATION (CONTINUED)

SOC FOUND SECDRY ED EDUC 204 3 CREDITS  
 Note: COURSE IS FOR SECONDARY AND P-12 TEACHER  
 EDUCATION STUDENTS  
 6278005 1 MW 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6278010 2 M 5:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6278015 3 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SOCL FOUND EDU:ELEM EDUC 205 3 CREDITS  
 6178005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6178010 2 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6178015 3 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6178020 4 MW 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6178025 5 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ORIENTATN TEACHR ED EDUC 216 1 CREDIT  
 Prereq: FIRST SEMESTER FRESHMAN EL ED MAJOR  
 Satisfactory-Fail Only.  
 8889005 1 TR 3:40-4:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ORIE TCHR ED:H,M,S EDUC 219 1 CREDIT  
 Prereq: STUDENTS SEEKING TEACHER LICENSURE IN  
 FAMILY AND CONSUMER SCIENCES, HISTORY, MATHEMATICS,  
 SCIENCE, AND WORLD LANGUAGE AND CULTURES IN GRADES  
 5-12.  
 Satisfactory-Fail Only.  
 1863005 1 W 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

LNDSCAPE OF TEACHNG EDUC 245 3 CREDITS  
 Prereq: EDUC 205; SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS.  
 3238005 1 MW 12:05-1:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXP I:EDUC TECNOLGS EDUC 280B 1 CREDIT  
 Prereq: EDUC 201 OR EDUC 203  
 Note: EDUC 280 MAY BE TAKEN MORE THAN ONCE FOR CREDIT  
 TOWARD GRADUATION. STUDENTS MUST RESERVE ONE MORNING  
 OR ONE AFTERNOON PER CREDIT FOR SITE VISITS.  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY EDUCATOR PREP PROGRAM  
 Satisfactory-Fail Only.  
 6280005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXPRNC I:SECDRY ED EDUC 280L .5 CREDIT  
 Note: EDUC 280 MAY BE TAKEN MORE THAN ONCE FOR CREDIT  
 TOWARD GRADUATION. COURSE ONLY OFFERED FOR .5 CREDIT  
 FALL 2022. RESERVE A FOUR-HOUR BLOCK, PLUS TRAVEL  
 TIME, FOR FIELD EXPERIENCE.  
 Satisfactory-Fail Only.  
 2843025 1 M 12:05-12:55  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXPER I:ELEM EDU EDUC 280N .5- 1 CREDITS  
 Note: EDUC 280 MAY BE TAKEN MORE THAN ONCE FOR CREDIT  
 TOWARD GRADUATION. PERMISSION OF THE DEPARTMENT  
 REQUIRED TO ADD. PROCESS APPROVED ADD REQUEST THROUGH  
 ACCESSPLUS  
 Satisfactory-Fail Only.  
 7710005 1 W 2:15-3:05  
 M 8:00-11:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction  
 7710010 2 W 2:15-3:05  
 M 12:10-3:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction  
 7710015 3 W 2:15-3:05  
 T 8:00-11:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction  
 7710020 4 W 2:15-3:05  
 T 12:10-3:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction  
 7710025 5 W 2:15-3:05  
 R 8:00-11:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction  
 7710030 6 W 2:15-3:05  
 R 12:10-3:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction

EDUCATION (CONTINUED)

EXPER I:ELEM EDU EDUC 280N .5- 1 CREDITS  
 7710035 7 W 2:15-3:05  
 F 8:00-11:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction  
 7710040 8 W 2:15-3:05  
 F 12:10-3:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction  
 7710045 9 W 2:15-3:05  
 M 8:00-11:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 7710050 10 W 2:15-3:05  
 M 12:10-3:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 7710055 11 W 2:15-3:05  
 T 8:00-11:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 7710060 12 W 2:15-3:05  
 T 12:10-3:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 7710065 13 W 2:15-3:05  
 R 8:00-11:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 7710070 14 W 2:15-3:05  
 R 12:10-3:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 7710075 15 W 2:15-3:05  
 F 8:00-11:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 7710080 16 W 2:15-3:05  
 F 12:10-3:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

INDEPENDENT STUDY EDUC 290 1- 3 CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR, 6 CR IN EDUC  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

TRANSFR ORIENTATION EDUC 315 1 CREDIT  
 Satisfactory-Fail Only.  
 3250005 1 TR 8:00-8:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ED PSYCH EC&ELEM ED EDUC 332 3 CREDITS  
 Prereq: PSYCH 230 OR HD FS 102  
 Note: COURSE RESTRICTED TO ECE, EL ED MAJORS  
 2635005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EDUCATIONAL PSYCHOL EDUC 333 3 CREDITS  
 Prereq: PSYCH 230 OR HD FS 102, PURSUING  
 EDUCATOR PREPARATION OR MAJOR IN PSYCHOLOGY  
 Note: FOR PSYCHOLOGY & INDIVIDUALS PURSUING K-12 OR  
 SECONDARY TEACHER EDUCATION.  
 6084005 1 MW 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6084010 2 MW 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

NATURE OF SCIENCE EDUC 347 3 CREDITS  
 Prereq: ADMITTED TO THE EDUCATOR PREPARATION PROG  
 (SECONDARY SCIENCE EDUCATION) OR PERMISSION OF  
 INSTRUCTOR  
 Note: CONCURRENT ENROLLMENT IN EDUC 280A, 418  
 REQUIRED  
 8267005 1 T 5:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TOYING WITH TECHNOL EDUC 370 3 CREDITS  
 Prereq: EDUC 201 OR EDUC 203  
 0081005 1 T 5:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0081010 2 TR 1:10-2:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRIM GRD TCH LITRCY EDUC 377 4 CREDITS  
 Prereq: ADMITTED TO THE EDUC PREP PROG, EDUC 245,  
 SP ED 250, HD FS 240 (ECE MAJ); CONCURRENT ENROLLMENT  
 IN EDUC 405, EDUC 448, EDUC 468A, AND EDUC 468C (EL  
 ED MAJ) OR EDUC 438, EDUC 468F, EDUC 468G, SP ED 458  
 Note: CONCURRENT ENROLLMENT IN EDUC 443, 448, 468A &  
 468C EL ED STUDENTS MUST ENROLL IN SAME SECTION OF  
 EDUC 443 AND 448. ECE STUDENTS ENROLL IN EDUC 438.  
 NO MEETINGS OCT 23-NOV 15  
 2066005 1 MW 7:45-10:15  
 MEETS: AUG 21-DEC 15  
 Note: Department permission required 1st week.  
 Course delivery is On-site instruction  
 2066010 2 MW 11:00-1:30  
 MEETS: AUG 21-DEC 15  
 Note: Department permission required 1st week.

## EDUCATION (CONTINUED)

PRIM GRD TCH LITRCY EDUC 377 4 CREDITS  
 Course delivery is On-site instruction  
 2066015 3 MW 2:15-4:45  
 MEETS: AUG 21-DEC 15  
 Note: Department permission required 1st week.  
 Course delivery is On-site instruction  
 2066020 4 MW 2:15-4:45  
 MEETS: AUG 21-DEC 15  
 Note: Department permission required 1st week.  
 Course delivery is On-site instruction  
 2066025 5 MW 11:00-1:30  
 MEETS: AUG 21-DEC 15  
 Note: Department permission required 1st week.  
 Course delivery is On-site instruction

INTERM GRAD TCH LIT EDUC 378 4 CREDITS  
 Prereq: EDUC 377; CONCURRENT ENROLLMENT IN  
 EDUC 449, EDUC 468B, EDUC 468D, AND EDUC 443;  
 ADMITTED TO THE EDUCATOR PREPARATION PROGRAM  
 Note: NO MEETINGS SEPT 26-OCT 19  
 CONCURRENT ENROLLMENT IN EDUC 443, EDUC 449, EDUC  
 468B & 468D. EL ED STUDENTS MUST ENROLL IN SAME SEC  
 OF EDUC 378, 443 AND 449.  
 2078005 6 TR 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: NO MEETINGS SEPT 26-OCT 19. CONCURRENT ENROLLMENT  
 IN EDUC 443, EDUC 449, EDUC 468B & 468D. EL ED  
 STUDENTS MUST ENROLL IN SAME SECTION OF EDUC 378,  
 EDUC 443, AND EDUC 449.  
 Course delivery is On-site instruction

PRE-TCH EXP II: CORE EDUC 380A 1- 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: STUDENTS SHOULD RESERVE A 4 HOUR BLOCK OF TIME  
 FOR SCHOOL EXPERIENCE  
 EDUC 380 MAY BE TAKEN MORE THAN ONCE FOR CREDIT  
 TOWARD GRADUATION  
 0293005 1 W 1:10-2:00, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXP II: SCI CHEM PHY EDUC 380B 1- 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: STUDENTS SHOULD RESERVE A 4 HOUR BLOCK OF TIME  
 FOR SCHOOL EXPERIENCE  
 EDUC 380 MAY BE TAKEN MORE THAN ONCE FOR CREDIT  
 TOWARD GRADUATION  
 Satisfactory-Fail Only.  
 0609005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXP II: BIOL SCIENCE EDUC 380D 1- 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: STUDENTS SHOULD RESERVE A 4 HOUR BLOCK OF TIME  
 FOR SCHOOL EXPERIENCE  
 EDUC 380 MAY BE TAKEN MORE THAN ONCE FOR CREDIT  
 TOWARD GRADUATION  
 Satisfactory-Fail Only.  
 0610005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXP II: EARTH SCI EDUC 380J 1- 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: STUDENTS SHOULD RESERVE A 4 HOUR BLOCK OF TIME  
 FOR SCHOOL EXPERIENCE  
 EDUC 380 MAY BE TAKEN MORE THAN ONCE FOR CREDIT  
 TOWARD GRADUATION  
 Satisfactory-Fail Only.  
 0613005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXP II: ENGL SEC LAN EDUC 380S 1 CREDIT  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: EDUC 380 MAY BE TAKEN MORE THAN ONCE FOR CREDIT  
 TOWARD GRADUATION. STUDENTS SHOULD RESERVE A 4 HOUR  
 BLOCK OF TIME FOR SCHOOL EXPERIENCES  
 Satisfactory-Fail Only.  
 0616005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRE-TCHG PRCTCM: LAB EDUC 380V 1- 2 CREDITS  
 Prereq: FCEDS 206; FCEDS 306; ADMISSION TO  
 EDUCATOR PREPARATION PROGRAM  
 Satisfactory-Fail Only.  
 0137005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TCHG DISCPN LITERCY EDUC 395 3 CREDITS  
 9656005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## EDUCATION (CONTINUED)

SOC JUSTC ED: ECE&EL EDUC 405 3 CREDITS  
 Prereq: EDUC 201, EDUC 332, JUNIOR  
 CLASSIFICATION, ADMITTED TO THE EDUC PREPARATION  
 PROGRAM; CONCURRENT ENROLLMENT IN EDUC 377,  
 EDUC 448, EDUC 468A, AND EDUC 468C  
 Note: CONCURRENT ENROLLMENT IN EDUC 377, 448, 468A &  
 468C. EL ED STUDENTS MUST ENROLL IN SAME SEC OF  
 EDUC 377 & EDUC 448. NO MEETINGS OCT 23-NOV 15  
 Meets U.S. diversity reqmt  
 8300005 1 MW 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SOCIAL JUSTC ED: SEC EDUC 406 3 CREDITS  
 Prereq: EDUC 201 OR 203 (OR KIN 312 OR 471 FOR  
 PETE CAND.), EDUC 332 OR 333, JR. CLASSIFICATION,  
 ADMITTED TO THE EDUCATOR PREP PROG. RESTRICTED TO  
 THOSE ENROLLED IN SECONDARY & K-12 EDUCATION PROGRAMS  
 Note: Meets U.S. diversity reqmt  
 6292005 1 R 5:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6292010 2 MW 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ONLN EDU PRE-K-12 EDUC 407 3 CREDITS  
 Prereq: EDUC 201 OR EDUC 203  
 4037005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

SUPV STDT TCHG: K-3 EDUC 416A VAR. CREDITS  
 Prereq: GPA 2.5; ADMITTED TO EDUCATOR PREPARATION  
 PROGRAM; SENIOR CLASSIFICATION; SUCCESSFUL COMPLETION  
 OF ALL METHODS COURSES.  
 Note: Department permission required 1st week.  
 5054005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING IN CENTRAL IOWA.  
 5054010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING OUTSIDE CENTRAL IOWA.  
 5054015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING IN CENTRAL IOWA.  
 5054020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING OUTSIDE CENTRAL IOWA.

SUPV TCHG: GRADES 3-6 EDUC 416B VAR. CREDITS  
 Prereq: GPA 2.5; ADMITTED TO EDUCATOR PREPARATION  
 PROGRAM; SENIOR CLASSIFICATION; SUCCESSFUL COMPLETION  
 OF ALL METHODS COURSES.  
 Note: Department permission required 1st week.  
 5056005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
 OFFERED FOR 8 CREDITS.  
 5056010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 OFFERED FOR 8 CREDITS  
 5056015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
 OFFERED FOR 8 CREDITS.  
 5056020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 OFFERED FOR 8 CREDITS

SUPV TCHG: ESL ELEM EDUC 416Z VAR. CREDITS  
 Prereq: GPA 2.5; ADMITTED TO EDUCATOR PREPARATION  
 PROGRAM; SENIOR CLASSIFICATION; ENGL 219; ENGL 220;  
 ENGL 425; EDUC 280S; EDUC 480S  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP  
 PROGRAM  
 9510005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 9510010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 9510015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 9510020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

EDUCATION (CONTINUED)

STDT TCH SOC ST MID EDUC 417A VAR. CREDITS  
 Prereq: MINIMUM GPA OF 2.5; ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM

8046005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

8046010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

8046015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

8046020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

STUDNT TCH PHYS SCI EDUC 417B VAR. CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM

9044005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

9044010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

9044015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

9044020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

STUDNT TEACHNG MATH EDUC 417C VAR. CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM

9045005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA

9045010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

9045015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA

9045020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCH BIOL SCI EDUC 417D VAR. CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM

9046005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

9046010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

9046015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

9046020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

STUDNT TCH ENGL&LIT EDUC 417E VAR. CREDITS  
 Prereq: ENGL 494, ADMISSION TO TEACHER EDUCATION, APPROVAL OF COORDINATOR SEMESTER PRIOR TO STUDENT TEACHING  
 Note: COURSE RESTRICTED TO ENGL SENIORS IN THE EDUCATOR PREP PROGRAM.  
 PLEASE NOTE: A SPECIAL COURSE FEE WILL BE ASSESSED FOR THIS COURSE. PLEASE BE ADVISED THAT THIS FEE WILL BE ASSESSED LATER IN THE SEMESTER.

9047025 1 ARRANGED  
 MEETS: AUG 21-OCT 13

9047030 2 ARRANGED  
 MEETS: OCT 16-DEC 15

9047035 3 ARRANGED  
 MEETS: AUG 21-OCT 13

9047040 4 ARRANGED  
 MEETS: OCT 16-DEC 15

EDUCATION (CONTINUED)

STUDNT TCH ENGL&LIT EDUC 417E VAR. CREDITS

9047045 5 ARRANGED  
 MEETS: AUG 21-OCT 13

9047050 6 ARRANGED  
 MEETS: OCT 16-DEC 15

STDT TCH WORLD LANG EDUC 417G VAR. CREDITS  
 Prereq: MINIMUM GPA OF 2.5; ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM

9049005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

9049010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

9049015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

9049020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

STDNNT TCH EARTH SCI EDUC 417J VAR. CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9051005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

9051010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

9051015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

9051020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

STDNNT TCH BASIC SCI EDUC 417M VAR. CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM

9054005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

9054010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

9054015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

9054020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

STDT TCH SOC STU HS EDUC 417P VAR. CREDITS  
 Prereq: MINIMUM GPA OF 2.5; ADMITTED TO EDUCATOR PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM

8612005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING IN CENTRAL IOWA.

8612010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

8612015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING IN CENTRAL IOWA.

8612020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.



## EDUCATION

(CONTINUED)

STUDNT TCH ELEM MUS EDUC 417R VAR. CREDITS  
Prereq: MINIMUM GPA OF 2.5; ADMITTED TO EDUCATOR  
PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING  
SEMESTER BEFORE STUDENT TEACHING  
Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP  
PROGRAM

6702005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

6702010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

6702015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

6702020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

STUDNT TCHG SEC MUS EDUC 417S VAR. CREDITS  
Prereq: MINIMUM GPA OF 2.5; ADMITTED TO EDUCATOR  
PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING  
SEMESTER BEFORE STUDENT TEACHING  
Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP  
PROGRAM

6682005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

6682010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

6682015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

6682020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

STDNT TCH ESL SECYD EDUC 417Z VAR. CREDITS  
Prereq: MINIMUM GPA OF 2.5; ADMITTED TO EDUCATOR  
PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING  
SEMESTER BEFORE STUDENT TEACHING  
Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP  
PROGRAM

9512005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

9512010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

9512015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

9512020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

SECNDRY SCI METHD I EDUC 418 3 CREDITS  
Prereq: EDUC 280L OR EDUC 514; UNDERGRADUATE  
STUDENTS MUST REGISTER CONCURRENTLY FOR EDUC 280A;  
ADMITTED TO THE EDUCATOR PREPARATION PROGRAM  
Note: CONCURRENT ENROLLMENT IN EDUC 380A & EDUC 380D OR  
EDUC 380J

8268005 1 M 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BILINGUAL&LATIN YTH EDUC 420 3 CREDITS  
Prereq: EDUC 405 OR EDUC 406  
Note: Meets U.S. diversity reqmt

8569005 1 F 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN SECONDARY EDUC EDUC 426 3 CREDITS  
Prereq: SENIOR CLASSIFICATION, ADMITTED TO  
EDUCATOR PREPARATION PROGRAM

6293005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6293010 2 W 5:30-8:30PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## EDUCATION

(CONTINUED)

TCHG OF SOC STUDIES EDUC 443 3 CREDITS  
Prereq: EDUC 377, CONCURRENT ENROLLMENT IN  
EDUC 378, EDUC 449, EDUC 468B, AND EDUC 468D;  
ADMITTANCE TO THE EDUCATOR PREPARATION PROGRAM  
Note: EL ED STUDENTS CONCURRENT ENROLLMENT IN  
EDUC 377, EDUC 448, EDUC 468A & EDUC 468C.  
EL ED STUDENTS MUST ENROLL IN SAME SEC OF EDUC 377,  
EDUC 443, EDUC 448.  
NO MEETINGS OCT 23-NOV 15

3258005 1 MW 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3258010 2 MW 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3258015 3 MW 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3258020 4 TR 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3258025 5 TR 9:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3258030 6 TR 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: EL ED STUDENTS CONCURRENT ENROLLMENT IN EDUC 378,  
EDUC 449, EDUC 468B & EDUC 468D. EL ED STUDENTS MUST  
ENROLL IN SAME SEC OF EDUC 378, EDUC 443, EDUC 449.  
NO MEETINGS SEPT 23-OCT 19  
Course delivery is On-site instruction

TCHNG CHILDREN MATH EDUC 448 3 CREDITS  
Prereq: C- OR BETTER IN MATH 195 AND MATH 196.  
CONCURRENT ENROLLMENT IN EDUC 377, EDUC 468A, EDUC  
468C, AND EDUC 405; ADMITTED TO EDUCATOR PREPARATION  
PROGRAM  
Note: CONCURRENT ENROLLMENT IN EDUC 377, EDUC 443,  
EDUC 468A AND EDUC 468C. EL ED STUDENTS MUST ENROLL  
IN SAME SECTION OF EDUC 377 AND 443. ECE STUDENTS  
ENROLL IN EDUC 438. NO MEETINGS OCT 25-NOV 17

3260005 1 MW 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3260025 2 MW 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3260015 3 MW 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3260020 4 TR 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3260030 5 TR 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TEACHING OF SCIENCE EDUC 449 3 CREDITS  
Prereq: EDUC 377, CONCURRENT ENROLLMENT IN  
EDUC 378, EDUC 468B, EDUC 468D, EDUC 443. ADMITTED  
TO THE EDUCATOR PREPARATION PROGRAM.  
Note: CONCURRENT ENROLLMENT IN EDUC 443, EDUC 449,  
EDUC 468B & 468D. EL ED STUDENTS MUST ENROLL IN SAME  
SECTION OF EDUC 378, 443 AND 449.  
NO MEETINGS SEPT 26-OCT 19

3261005 6 TR 9:00-10:50  
MEETS: AUG 21-DEC 15  
Note: CONCURRENT ENROLLMENT IN EDUC 443, EDUC 449,  
EDUC 468B & 468D. EL ED STUDENTS MUST ENROLL IN SAME  
SECTION OF EDUC 348, EDUC 443, AND EDUC 449.  
NO MEETINGS SEPT 26-OCT 19.  
Course delivery is On-site instruction

LITERCY&LRNG ASESMT EDUC 452 3 CREDITS  
Prereq: EDUC 378 OR EQUIVALENT. CONCURRENT  
ENROLLMENT IN EDUC 488.  
Note: CONCURRENT ENROLLMENT IN SAME SEC OF  
488 REQUIRED.

6584005 1 TR 5:10-8:30PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6584010 2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EMERG TOPC EDUC TEC EDUC 454 1 CREDIT  
Prereq: EDUC 201 OR EDUC 203

9436005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 TOPIC: BREAKOUT EDU: GAME ON!  
Course delivery is On-site instruction

9436010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 TOPIC: DIGITAL CITIZENSHIP IN EDUCATION  
Course delivery is On-site instruction

EDUCATION (CONTINUED)

CRIT APPRCH CH LIT EDUC 459 3 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM;  
 EDUC 377 AND EDUC 378  
 Note: Meets U.S. diversity reqmt  
 0029005 1 M 5:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0029010 2 W 5:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXP III:PG RDG&LANG EDUC 468A 1 CREDIT  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: CURRENT ENROLLMENT IN EDUC 377, EDUC 405,  
 EDUC 448 & EDUC 468C.  
 MUST BE AVAILABLE M / W 730AM-430PM. MANDATORY  
 INFORMATIONAL MEETING WITH IN THE FIRST 2 WEEKS  
 OF CLASS WITH FIELD EXPERIENCE COORDINATOR  
 Satisfactory-Fail Only.  
 3265005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXP III:IG RDG&LANG EDUC 468B 1 CREDIT  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: CONCURRENT ENROLLMENT IN EDUC 378, EDUC 443,  
 EDUC 468D.  
 MUST BE AVAILABLE T / R 730AM - 430PM MANDATORY  
 INFORMATIONAL MEETING WITH IN THE FIRST 2 WEEKS  
 OF CLASS WITH FIELD EXPERIENCE COORDINATOR  
 Satisfactory-Fail Only.  
 3266005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXP III:PRIMRY MATH EDUC 468C 1 CREDIT  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: CONCURRENT ENROLLMENT IN EDUC 377, EDUC 448,  
 EDUC 405 & EDUC 468C.  
 MUST BE AVAILABLE M / W 730AM-430PM. MANDATORY  
 INFORMATIONAL MEETING WITH IN THE FIRST 2 WEEKS  
 OF CLASS WITH FIELD EXPERIENCE COORDINATOR  
 Satisfactory-Fail Only.  
 3267005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXP III:INT GRD SCI EDUC 468D 1 CREDIT  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: CONCURRENT ENROLLMENT IN EDUC 378, 443, 468B.  
 MUST BE AVAILABLE T / R 730AM - 430PM MANDATORY  
 INFORMATIONAL MEETING WITH IN THE FIRST 2 WEEKS  
 OF CLASS WITH FIELD EXPERIENCE COORDINATOR  
 Department permission required 1st week.  
 Satisfactory-Fail Only.  
 3268005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXP III:PRIM LITRCY EDUC 468F 1 CREDIT  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: TAKE CONCURRENTLY WITH EDUC 377, EDUC 438/448  
 EDUC 468G.  
 Satisfactory-Fail Only.  
 4518005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXP III:PRIM MATH EDUC 468G 1 CREDIT  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: MUST ALSO REGISTER FOR EDUC 377, EDUC 433, EDUC  
 438, EDUC 439, EDUC 468F, EDUC 438/448, EDUC 439/449  
 Satisfactory-Fail Only.  
 4524005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXPER III:PRIM SCI EDUC 468I 1 CREDIT  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: MUST ALSO REGISTER FOR SP ED 355 & SP ED 455.  
 EDUC 433 OR 443, 439 OR 449, SP ED 405, SP ED 458  
 Satisfactory-Fail Only.  
 4528005 1 MW 12:30-4:30  
 MEETS: AUG 21-DEC 15

EXP II:READ ENDORSE EDUC 468R 1 CREDIT  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM;  
 CONCURRENT ENROLLMENT IN EDUC 378  
 Note: MUST BE AVAILABLE T/R 730AM - 1230PM MANDATORY  
 INFORMATIONAL MEETING WITH IN THE FIRST 2 WEEKS  
 OF CLASS WITH FIELD EXPERIENCE COORDINATOR  
 Department permission required 1st week.  
 Satisfactory-Fail Only.  
 4300005 1 TR 7:30-12:30  
 MEETS: AUG 21-DEC 15  
 4300010 2 TR 7:30-12:30  
 MEETS: AUG 21-DEC 15

EXP III:ELEMENTARY EDUC 468T 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
 SUCCESSFUL COMPLETION OF A LEVEL 2 OR LEVEL 3 FIELD  
 EXPERIENCE REQUIRED  
 Satisfactory-Fail Only.  
 0104005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 0104010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: OUTSIDE CENTRAL IOWA

EDUCATION (CONTINUED)

EXPERC III:HIST/SOC EDUC 480A 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: COURSE RESTRICTED TO HIST, POL S MAJORS  
 WITH ADMISSION TO THE UNIVERSITY EDUCATOR PREP  
 PROGRAM. CONCURRENT ENROLLMENT IN EDUC 498. STUDENTS  
 MUST HAVE 2 HALF DAYS AVAILABLE FOR FIELD EXPERIMENT.  
 6581005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXPERIENC III: MATH EDUC 480C .5- 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: CONCURRENT ENROLLMENT IN EDUC 497.  
 MUST HAVE 2 HALF DAYS AVAILABLE FOR FIELD EXPERIMENT.  
 9057005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 OFFERED FOR 1-2 CREDITS

EXPERNC III:ENGLISH EDUC 480E 1- 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: STUDENTS MUST HAVE 2 HALF DAYS AVAILABLE FOR  
 FIELD EXPERIENCE.  
 5062005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXPERC III:WLD LANG EDUC 480G 1- 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: STUDENTS MUST HAVE 2 HALF DAYS AVAILABLE FOR  
 FIELD EXPERIENCE.  
 5174005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXP III:EARTH SCIEN EDUC 480J 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: CONCURRENT ENROLLMENT IN EDUC 419  
 STUDENTS MUST HAVE 2 HALF DAYS AVAILABLE FOR  
 FIELD EXPERIENCE.  
 2609005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXPERNCE III: MUSIC EDUC 480K 1- 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: STUDENTS MUST HAVE 2 HALF DAYS AVAILABLE FOR  
 FIELD EXPERIENCE.  
 Satisfactory-Fail Only.  
 9064005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO TEACHER EDUCATION STUDENTS  
 ONLY

EXPERIENCE III: ESL EDUC 480S 2 CREDITS  
 Prereq: EDUC 280S, ENGL 219/LING 219, ENGL 220/  
 LING 220, ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: STUDENTS MUST HAVE 2 HALF DAYS AVAILABLE FOR  
 FIELD EXPERIENCE.  
 Satisfactory-Fail Only.  
 7955005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

EXP III: SECONDARY EDUC 480T 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
 SUCCESSFUL COMPLETION OF A LEVEL 2 OR LEVEL 3 FIELD  
 EXPERIENCE  
 Satisfactory-Fail Only.  
 0106005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 0106010 2 ARRANGED  
 MEETS: AUG 21-DEC 15

PRE-TCHG PRA:DV SET EDUC 480V 2 CREDITS  
 Prereq: FCEDS 206; FCEDS 306; FCEDS 380V;  
 ADMISSION TO EDUCATOR PREPARATION PROGRAM  
 Note: STUDENTS MUST HAVE 2 HALF DAYS AVAILABLE FOR  
 FIELD EXPERIENCE.  
 Satisfactory-Fail Only.  
 0145005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SUPVS TUTOR READING EDUC 488 3 CREDITS  
 Prereq: EDUC 378 OR EQUIVALENT; CONCURRENT  
 ENROLLMENT IN EDUC 452.  
 Note: CONCURRENT ENROLLMENT IN SAME SEC OF  
 452 REQUIRED.  
 9461005 1 TR 5:10-8:30PM  
 MEETS: AUG 21-DEC 15  
 Note: REGISTER FOR THE SAME SEC OF EDUC 452  
 Course delivery is On-site instruction  
 9461010 2 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDEP STDY MUSIC ED EDUC 490A VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## EDUCATION

(CONTINUED)

IND STU CURR CONSTR EDUC 490C 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STU PRIN EDUC EDUC 490D 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY METHD TCHG EDUC 490E 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY EDUC PSYCH EDUC 490F 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU DIGITL LRNG EDUC 490G 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS EDUC 490H 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU SOC&CULTURL EDUC 490J 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST/SOC SC EDUC 490K 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU LITERACY ED EDUC 490L 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STU MATH EDUC EDUC 490M 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOUND EDUC EDUC 490O 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
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SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY SCI EDUC EDUC 490P 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

TEACHING SPEECH EDUC 495B 3 CREDITS  
Prereq: EDUC 301; 9 CREDITS IN SP CM;  
MINIMUM GPA OF 2.50 IN SP CM COURSES  
7217005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

TEACH SEC SCHL MATH EDUC 497 3 CREDITS  
Prereq: 15 CREDITS IN COLLEGE MATH. ADMITTED TO  
THE EDUCATOR PREPARATION PROGRAM.  
Note: CONCURRENT ENROLLMENT IN EDUC 480C.  
6307005 1 T 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MTHDS TCHG HIST/SOC EDUC 498 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN HIST 480A;  
ADMISSION TO EDUCATOR PREPARATION PROGRAM  
Note: RESTRICTED TO HIST, POL S MAJORS IN THE  
EDUCATOR PREP PROGRAM; CONCURRENT ENROLLMENT IN EDUC  
480A.  
8504005 1 M 6:10-9:00PM BREMER J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOUND EDUC TECNOLGS EDUC 501 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2792005 1 W 6:00-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

EVAL DGTTL LRN ENVIR EDUC 504 3 CREDITS  
Prereq: EDUC 501  
2604005 1 R 5:10-7:30PM  
MEETS: AUG 21-DEC 15  
Note: Department permission required.  
Course delivery is WWW

TCHNOL IN TEACH&LRN EDUC 505 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2796005 1 R 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## EDUCATION

(CONTINUED)

ALGEBRA K-12 CLSRMS EDUC 508 3 CREDITS  
Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT  
IN EDUC 448 OR EDUC 497 OR EDUC 597  
7172005 1 W 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: SEC 1 MEETING IN PERSON DATES: 8/24, 10/19  
& 12/7  
Course delivery is Hybrid (Online and F2F)

GEOMETRY K-12 CLSRM EDUC 509 3 CREDITS  
Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT  
IN EDUC 448 OR EDUC 497 OR EDUC 597  
4446005 1 M 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STDT TCH SOC ST MID EDUC 517A VAR. CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
APPROVAL OF COORDINATOR DURING SEMESTER BEFORE  
STUDENT TEACHING  
5919005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.  
5919010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.  
5919015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.  
5919020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

STU TCH:SC,CHEM,PHY EDUC 517B VAR. CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
APPROVAL OF COORDINATOR DURING SEMESTER BEFORE  
STUDENT TEACHING  
2460005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.  
2460010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.  
2460015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.  
2460020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

STUDNT TEACHNG MATH EDUC 517C VAR. CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
APPROVAL OF COORDINATOR DURING SEMESTER BEFORE  
STUDENT TEACHING  
Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP  
PROGRAM  
2466005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.  
2466010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.  
2466015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.  
2466020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

STUDNT TCH BIOL SCI EDUC 517D VAR. CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
APPROVAL OF COORDINATOR DURING SEMESTER BEFORE  
STUDENT TEACHING  
Note: CONCURRENT ENROLLMENT IN EDUC 518; RESTRICTED TO  
STUDENTS OF THE EDUCATOR PREP PROGRAM.  
2475005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.  
2475010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.  
2475015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.  
2475020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

## EDUCATION

(CONTINUED)

STDT TCH WORLD LANG EDUC 517G VAR. CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
APPROVAL OF COORDINATOR DURING SEMESTER BEFORE  
STUDENT TEACHING

5920005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

5920010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

5920015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

5920020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

STDNT TCH:EARTH SCI EDUC 517J VAR. CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
APPROVAL OF COORDINATOR DURING SEMESTER BEFORE  
STUDENT TEACHING

2476005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

2476010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

2476015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

2476020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

STDNT TCH:BASIC SCI EDUC 517M VAR. CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
APPROVAL OF COORDINATOR DURING SEMESTER BEFORE  
STUDENT TEACHING

2480005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

2480010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

2480015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

2480020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

STDT TCH SOC STU HS EDUC 517P VAR. CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
APPROVAL OF COORDINATOR DURING SEMESTER BEFORE  
STUDENT TEACHING

6022005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

6022010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

6022015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

6022020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

STUDNT TCH:ELEM MUS EDUC 517R VAR. CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
APPROVAL OF COORDINATOR DURING SEMESTER BEFORE  
STUDENT TEACHING

6030005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

6030010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

6030015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

6030020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

## EDUCATION

(CONTINUED)

STUDNT TCHG SEC MUS EDUC 517S VAR. CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM,  
APPROVAL OF COORDINATOR DURING SEMESTER BEFORE  
STUDENT TEACHING

6114005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

6114010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

6114015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
OFFERED FOR 8 CREDITS.

6114020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
TEACHING OUTSIDE CENTRAL IOWA.

SECNDRY SCI METHD I EDUC 518 3 CREDITS  
Prereq: EDUC 280L OR EDUC 514; GRADUATE STUDENTS  
MUST REGISTER CONCURRENTLY FOR EDUC 591D. ADMITTED TO  
THE EDUCATOR PREPARATION PROGRAM.

8369005 1 M 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BILINGUAL&LATIN YTH EDUC 520 3 CREDITS  
Prereq: EDUC 405 OR EDUC 406  
Note: Meets U.S. diversity reqmt

8570005 1 F 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN SECONDARY EDUC EDUC 526 3 CREDITS  
Prereq: GRAD CLASSIFICATION, ADMISSION TO  
TEACHER EDUCATION PROGRAM  
Note: RESTRICTED TO STUDENTS OF THE EDUCATION PREP  
PROGRAM

7724005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7724010 2 W 5:30-8:30PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NATURE OF SCIENCE EDUC 547 3 CREDITS  
Prereq: ADMITTED TO THE EDUCATOR PREPARATION PROG  
(SECONDARY SCIENCE EDUCATION) OR PERMISSION OF  
INSTRUCTOR

7717005 1 T 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CORRECTIVE READING EDUC 552 3 CREDITS  
Prereq: EDUC 378 OR EQUIVALENT. CONCURRENT  
ENROLLMENT IN EDUC 488.

3276005 1 TR 5:10-8:30PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3276010 2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TCH ADOL STRGL RDR EDUC 553 3 CREDITS  
Prereq: TEACHING LICENSE OR SENIOR CLASSIFICATION

7267005 1 W 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7267010 2 M 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CRIT APPRCH CH LIT EDUC 559 3 CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM;  
EDUC 377 AND EDUC 378  
Note: Meets U.S. diversity reqmt

1672005 1 M 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1672010 2 W 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SUPVS TUTOR READING EDUC 588 3 CREDITS  
Prereq: GRADUATE STATUS; CONCURRENT ENROLLMENT IN  
EDUC 552  
Note: CONCURRENT ENROLLMENT IN 552 REQUIRED

9245005 1 TR 5:10-8:30PM  
MEETS: AUG 21-DEC 15  
Note: REGISTER FOR THE SAME SEC OF EDUC 552  
Course delivery is On-site instruction

9245010 2 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: REGISTER FOR THE SAME SEC OF EDUC 552  
Course delivery is On-site instruction

## EDUCATION (CONTINUED)

SPCL TOP CURRICULUM EDUC 590A 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC TECHNO EDUC 590B 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP SCIENCE EDUC EDUC 590C 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SEC EDUC EDUC 590D 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP SOC&CULTURAL EDUC 590F 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MATH EDUC EDUC 590G 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS ELEM ED EDUC 590I 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WORLD LANGU EDUC 590J 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC PSYCH EDUC 590K 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL STDI EDUC 590L 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LITERACY ED EDUC 590M 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP SECND SCI EDUC 591D .5- 6 CREDITS  
Prereq: 15 GRADUATE CREDITS IN SPECIALTY AREA;  
FULL ADMISSION TO TEACHER EDUCATION PROGRAM  
Note: CONCURRENT ENROLLMENT IN EDUC 518.  
5058005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
5058010 2 ARRANGED  
MEETS: AUG 21-DEC 15

EXPERC:SECD MATH ED EDUC 591G .5- 6 CREDITS  
Prereq: 15 GRADUATE CREDITS IN SPECIALTY AREA;  
FULL ADMISSION TO TEACHER EDUCATION PROGRAM  
Note: CONCURRENT ENROLLMENT IN EDUC 597  
2017005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
2017010 2 ARRANGED  
MEETS: AUG 21-DEC 15

EXPERC:COLLEGE TCHG EDUC 591N .5- 6 CREDITS  
Prereq: 9 GRADUATE CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EDUC TECHNOL WRKSHP EDUC 593B 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2023  
2811005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SCIENCE EDUC WKSHOP EDUC 593C 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2023.  
FOR BETAL GROUP PARTICIPANTS ONLY.  
2812005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2812010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TCHG DISCPN LITERCY EDUC 595 3 CREDITS  
Prereq: GRADUATE STATUS AND TEACHING LICENSE  
2932005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TEACH SEC SCHL MATH EDUC 597 3 CREDITS  
Prereq: 15 CREDITS IN COLLEGE MATHEMATICS;  
ADMITTED TO THE EDUCATOR PREPARATION PROGRAM  
8440005 1 T 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## EDUCATION (CONTINUED)

CRTV COMP CURRICULM EDUC 599A 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR CMP EDUC TECHNOL EDUC 599B 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED EDUC 599C 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SECNDR ED EDUC 599D 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR CMP SOC&CULTURAL EDUC 599F 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC EDUC 599G 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPON ELEM ED EDUC 599I 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP LITERC ED EDUC 599M 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR MATH EDUC EDUC 615G 1 CREDIT  
4571005 1 F 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SPCL TOP CURRIC EDUC 690A VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP EDUC TEC EDUC 690B VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED EDUC 690C VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED EDUC 690D VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SOC&CULTURL EDUC 690F VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MATH ED EDUC 690G VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TP WRL LANG EDUC 690J VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD.  
PROCESS APPROVED ADD REQUEST THROUGH ACCESSPLUS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC EDUC 690K VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD.  
PROCESS APPROVED ADD REQUEST THROUGH ACCESSPLUS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LITERACY ED EDUC 690M VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CURRICULUM EDUC 699A VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH EDUC TECHNOL EDUC 699B VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC EDUC 699C VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC EDUC 699D VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOC&CULTURAL EDUC 699F VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## EDUCATION (CONTINUED)

RESEARCH MATH EDUC EDUC 699G VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC EDUC 699I VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH WRLD LANGU ED EDUC 699J VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH EDUC PSYCHOL EDUC 699K VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH LITERACY ED EDUC 699M VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**EDUCATIONAL ADMINISTRATION**

PRIN INCLUSV LDRSHP EDADM 541 3 CREDITS  
Prereq: TEACHER LICENSURE & INSTRUCTOR PERMISSION  
3210005 1 W 5:30-9:30PM  
S 8:00-5:30  
MEETS: AUG 21-DEC 15  
Note: SEC 1 MEETING DATES: AUG. 23, SEPT. 6,20  
OCT. 4,18, NOV. 1.15, DEC. 6, SAT OCT 8; SAT NOV 4  
Course delivery is WWW

SUPV LEARNG ENVIRON EDADM 551 3 CREDITS  
Prereq: EDADM 541  
3215005 1 W 5:30-9:30PM  
S 8:00-5:30  
MEETS: AUG 21-DEC 15  
Note: SEC 1 MEETING DATES: AUG 23,30, SPET 13,27,  
OCT 11,25, NOV 8,29 SATURDAYS: OCT 11, NOV 11  
Course delivery is WWW

LEADING SCHL REFORM EDADM 554 3 CREDITS  
Prereq: EDADM 541  
7880005 1 W 5:30-9:30PM  
S 8:00-5:30  
MEETS: AUG 21-DEC 15  
Note: SEC 1 MEETING DATES: AUG 23,30 SPET 13,27,  
OCT 11,25, NOV 8,29 SATURDAYS: OCT 11, NOV 11  
Course delivery is WWW

CURRICULM LEADERSHP EDADM 559 3 CREDITS  
Prereq: EDADM 541  
3416005 1 W 5:30-9:30PM  
S 8:00-5:30  
MEETS: AUG 21-DEC 15  
Note: SEC 1 MEETING DATES: AUG 23, SEPT 6,20,  
OCT 4,18, NOV 1,15, DEC 6 SATURDAYS OCT 8, NOV 4  
Course delivery is WWW

SPECIAL TOPICS EDADM 590 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP ELEM PRINCI EDADM 591A 1- 6 CREDITS  
Prereq: EDADM 541, ADMISS TO PROGRAM & INSTR'S  
APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP SECOND PRIN EDADM 591B 1- 6 CREDITS  
Prereq: EDADM 541, ADMISS TO PROGRAM & INSTR'S  
APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATV COMPON DEVEL EDADM 599 1- 3 CREDITS  
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS EDADM 690 1- 3 CREDITS  
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CLINCL DILEMM PRCTC EDADM 691 1- 3 CREDITS  
Prereq: EDADM 541, ADMISSION TO PROGRAM, INSTR  
APPROVAL  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DISSERTATN RESEARCH EDADM 699 VAR. CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**EDUCATIONAL LEADERSHIP & POLICY ST**

SOC JUSTC FIELD EXP EL PS 591 1- 3 CREDITS  
Prereq: EL PS 620  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## EDUCATIONAL LEADERSHIP &amp; POLICY ST (CONTINUED)

CAPSTONE EXPERIENCE EL PS 616 3 CREDITS  
Prereq: 4 CREDITS OF EL PS 615  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EDUC FOR SOC JUSTCE EL PS 620 3 CREDITS  
8898005 1 M 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EQ&DIV CONTEMP ISSU EL PS 653 3 CREDITS  
Prereq: GRADUATE STANDING AND ADMISSION TO ED.D.  
PROGRAM  
0288005 1 ARRANGED  
MEETS: AUG 21-OCT 13  
Note: MEETS ON CAMPUS AUG 25-26, SEPT 29-30  
Course delivery is Hybrid (Online and F2F)

SCHLR PRAC INQUIRY EL PS 654 3 CREDITS  
Prereq: GRADUATE STANDING AND ADMISSION TO ED.D.  
PROGRAM  
0292005 1 ARRANGED  
MEETS: AUG 21-OCT 13  
Note: Course delivery is WWW

QUAL INQ P-20 EDUC EL PS 655 3 CREDITS  
Prereq: ADMISSION TO THE ED.D. IN EDUCATION  
PROGRAM  
0775005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

STAT FOR P-20 EDUC EL PS 656X 3 CREDITS  
Prereq: ADMISSION TO THE ED.D. IN EDUCATION  
PROGRAM  
4719005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

**ELECTRICAL ENGINEERING**

PRO PROG ORIENTATN E E 166 R CREDIT  
Note: COURSE RESTRICTED TO E E, CPR E MAJORS ONLY  
Satisfactory-Fail Only.

2887005 1 T 1:10-2:00  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
2887010 2 R 1:10-2:00  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

INTR EE&PROB SOLV I E E 185 3 CREDITS  
Prereq: MATH 143 OR SATISFACTORY SCORES ON  
MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR  
ENROLLMENT IN MATH 165  
Note: COURSE RESTRICTED TO E E MAJORS ONLY. CREDIT  
IN ONLY ONE OF THE FOLLOWING COURSES MAY BE  
APPLIED TOWARD GRADUATION: ENGR 160, A B E 160, AER E  
160, C E 160, CH E 160, CPR E 185, E E 185, I E 148,  
M E 160, AND S E 185.

3880005 1 MW 9:55-10:45  
T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3880010 2 MW 9:55-10:45  
R 8:00-9:50  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
3880015 3 MW 9:55-10:45  
R 10:00-11:50  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
3880020 4 MW 9:55-10:45  
R 12:10-2:00  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
3880025 5 MW 9:55-10:45  
F 12:05-2:00  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
3880060 6 MW 9:55-10:45  
T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ELECTRIC CIRCUITS E E 201 4 CREDITS  
Prereq: PHYS 231 & 231L; CREDIT OR ENROLLMENT IN  
MATH 267  
Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT  
BOTH, MAY BE APPLIED TOWARD GRADUATION. RESTRICTED  
TO CPR E, E E MAJORS ONLY.

2120005 1 MWF 9:55-10:45  
T 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2120010 2 MWF 9:55-10:45  
T 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2120015 3 MWF 9:55-10:45  
W 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2120020 4 MWF 2:15-3:05  
R 11:00-1:50  
MEETS: AUG 21-DEC 15

## ELECTRICAL ENGINEERING (CONTINUED)

ELECTRIC CIRCUITS E E 201 4 CREDITS  
 Note: Course delivery is On-site instruction  
 2120025 5 MWF 2:15-3:05  
 R 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2120030 6 MWF 2:15-3:05  
 F 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2120035 7 MWF 2:15-3:05  
 T 8:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SIGNALS & SYSTEMS I E E 224 4 CREDITS  
 Prereq: E E 201, MATH 267  
 5064005 1 MW 3:20-4:35  
 W 4:45-7:45PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5064010 2 MW 3:20-4:35  
 R 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5064015 3 MW 3:20-4:35  
 T 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ELECTRON CIRCTS&SYS E E 230 4 CREDITS  
 Prereq: E E 201, MATH 267  
 4639005 1 MWF 7:45-8:35  
 M 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4639010 2 MWF 7:45-8:35  
 T 5:30-8:30PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4639015 3 MWF 7:45-8:35  
 R 8:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4639020 4 MWF 7:45-8:35  
 W 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4639025 5 MWF 7:45-8:35  
 T 10:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TRANSFER ORIENTATIO E E 261 R CREDIT  
 Satisfactory-Fail Only.  
 9197005 1 W 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 9197010 2 T 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PROB SOLV MTHD&TOOL E E 285 4 CREDITS  
 2505005 1 MWF 12:05-12:55  
 T 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2505010 2 MWF 12:05-12:55  
 R 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ENRGY SYS&PWR ELTRN E E 303 3 CREDITS  
 Prereq: MATH 267; PHYS 232; CREDIT OR ENROLLMENT  
 IN E E 230  
 3415005 1 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ELECTROMG FLD&WAVES E E 311 4 CREDITS  
 Prereq: E E 201, MATH 265, PHYS 232, CREDIT OR  
 ENROLLMENT IN MATH 267  
 2889005 1 MWF 9:55-10:45  
 R 10:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2889010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

ELECTMAG NON-EL ENG E E 314 3 CREDITS  
 Prereq: PHYS 232 OR EQUIVALENT  
 8652005 1 MW 3:20-4:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## ELECTRICAL ENGINEERING (CONTINUED)

COMMUNIC SYSTEMS I E E 321 3 CREDITS  
 Prereq: E E 224  
 2901005 1 MW 5:30-6:50PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PROBAB MTH,ELEC ENG E E 322 3 CREDITS  
 Prereq: E E 224  
 3424005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SIGNALS & SYSTEMS II E E 324 4 CREDITS  
 Prereq: E E 224  
 2192005 1 MWF 2:15-3:05  
 T 4:10-7:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2192010 2 MWF 2:15-3:05  
 W 7:45-10:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2192015 3 MWF 2:15-3:05  
 R 6:10-9:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTGRATED ELECTRNCS E E 330 4 CREDITS  
 Prereq: E E 201, CREDIT OR REGISTRATION IN E E  
 230, CPR E 281  
 Note: CREDIT FOR EITHER CPR E/E E 330 OR E E 331,  
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 5635005 1 MWF 12:05-12:55  
 T 8:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5635010 2 MWF 12:05-12:55  
 T 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5635015 3 MWF 12:05-12:55  
 W 5:30-8:20PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5635020 4 MWF 12:05-12:55  
 F 7:45-10:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SEMICON MTRLS&DEVIC E E 332 3 CREDITS  
 Prereq: CPR E AND E MAJORS: E E 230; MAT E  
 MAJORS: MAT E 317  
 2195005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ELECTRONC SYS DSIGN E E 333 4 CREDITS  
 Prereq: E E 230, CPR E 281  
 8288005 1 MWF 8:50-9:40  
 F 2:15-5:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8288010 2 MWF 8:50-9:40  
 F 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SUSTNBL E&INT'L DEV E E 388 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION IN AN ENGINEERING  
 MAJOR  
 Note: COURSE RESTRICTED TO COLLEGE OF ENGINEERING  
 JUNIORS AND SENIORS  
 Meets international perspectives reqmt  
 8121005 1 MW 3:20-4:10  
 T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PROGRAM EXPLORATION E E 394 R CREDIT  
 Prereq: E E 294 OR CPR E 294  
 Note: SEC A1,B1 ETC RESTRICTED TO CPR E. SEC A2,B2 ETC  
 RESTRICTED TO E E.  
 Satisfactory-Fail Only.  
 5403005 A1 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 5403010 A2 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 5403015 A3 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 5403020 B1 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 5403025 B2 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 5403030 B3 F 3:20-4:10  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

## ELECTRICAL ENGINEERING (CONTINUED)

MICROWAVE ENGINEERG E E 414 4 CREDITS  
Prereq: E E 230, E E 311  
2897005 1 MWF 7:45-8:35  
R 8:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2897010 2 MWF 7:45-8:35  
F 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MICROELEC FABRICATN E E 432 4 CREDITS  
Prereq: CPR E AND E E MAJORS: E E 230; MAT E MAJORS: MAT E 317  
9222005 1 MW 12:05-12:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NANO ELECTRONICS E E 439 3 CREDITS  
Prereq: E E 332 OR MAT E 334  
7414005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR CIRCUIT&INSTRM E E 442 2 CREDITS  
Prereq: PHYS 232 AND PHYS 232L, MATH 267  
Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR E E 442 MAY NOT BE APPLIED TOWARD A DEGREE IN E E OR CPR E. RESTRICTED TO MAJORS OTHER THAN E E, CPR E, E CPE.  
4723005 1 MWF 4:25-5:15  
M 7:45-9:40  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723010 2 MWF 4:25-5:15  
M 9:55-11:50  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723015 3 MWF 4:25-5:15  
M 12:05-2:00  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723020 4 MWF 4:25-5:15  
M 2:15-4:10  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723025 5 MWF 4:25-5:15  
M 5:30-7:20PM  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723030 6 MWF 4:25-5:15  
M 7:30-9:20PM  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723035 7 MWF 4:25-5:15  
T 8:00-9:50  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723040 8 MWF 4:25-5:15  
T 1:10-3:00  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723045 9 MWF 4:25-5:15  
T 3:10-5:00  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723050 10 MWF 4:25-5:15  
W 5:20-7:10PM  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723055 11 MWF 4:25-5:15  
R 8:00-9:50  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723060 12 MWF 4:25-5:15  
R 10:00-11:50  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723065 13 MWF 4:25-5:15  
R 3:10-5:00  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723070 14 MWF 4:25-5:15  
R 5:10-7:00PM  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723075 15 MWF 4:25-5:15  
F 9:55-11:50  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723080 16 MWF 4:25-5:15  
F 12:05-2:00  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4723085 17 MWF 4:25-5:15  
F 2:15-4:10  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

## ELECTRICAL ENGINEERING (CONTINUED)

INTRO AC CIRC&MOTOR E E 448 2 CREDITS  
Prereq: E E 442  
Note: CREDIT FOR E E 448 MAY NOT BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E. COURSE RESTRICTED TO MAJORS OTHER THAN E E, CPR E, E CPE.  
4775005 1 MWF 4:25-5:15  
M 7:45-9:35  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775010 2 MWF 4:25-5:15  
M 5:30-7:20PM  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775015 3 MWF 4:25-5:15  
F 2:15-4:05  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775020 4 MWF 4:25-5:15  
R 3:10-5:00  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775025 5 MWF 4:25-5:15  
F 12:05-1:55  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775030 6 MWF 4:25-5:15  
F 9:55-11:45  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775035 7 MWF 4:25-5:15  
M 12:05-1:55  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775040 8 MWF 4:25-5:15  
M 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4775045 9 MWF 4:25-5:15  
M 2:15-4:05  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775050 10 MWF 4:25-5:15  
T 3:10-5:00  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775055 11 MWF 4:25-5:15  
W 5:30-7:20PM  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775060 12 MWF 4:25-5:15  
T 1:10-3:00  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775065 13 MWF 4:25-5:15  
W 9:55-11:45  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775070 14 MWF 4:25-5:15  
R 1:10-3:00  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775075 15 MWF 4:25-5:15  
R 8:00-9:50  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775080 16 MWF 4:25-5:15  
R 10:00-11:50  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
4775085 17 MWF 4:25-5:15  
R 7:10-9:00PM  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

BIOSENSORS E E 450 3 CREDITS  
0477005 1 TR 5:40-6:55PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGINEERG ACOUSTICS E E 451 3 CREDITS  
Prereq: (MATH 266 OR MATH 267); PHYS 231; PHYS 231L  
8380005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8380010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

POWER SYST ANALYS I E E 456 3 CREDITS  
Prereq: E E 303, CREDIT OR REGISTRATN IN E E 324  
2912005 1 TR 5:30-7:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction



## ELECTRICAL ENGINEERING (CONTINUED)

DIGITAL VLSI DESIGN E E 465 4 CREDITS  
Prereq: E E 330  
8892005 1 TR 11:00-12:15  
T 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8892010 2 TR 11:00-12:15  
F 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8892015 3 TR 11:00-12:15  
W 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AUTOMATC CONTRL SYS E E 475 3 CREDITS  
Prereq: E E 324  
2914005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EDDY CURRENT NDE E E 488 3 CREDITS  
Prereq: MAT E 216 OR MAT E 273 OR E E 311 OR  
PHYS 364  
5898005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5898010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SURV REMOTE SNS TEC E E 489 3 CREDITS  
9753005 1 MW 9:55-10:45  
ZHOU Y  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY E E 490 VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E E 490H VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO E E 491 3 CREDITS  
Prereq: E E 232, CR OR ENROLLMENT IN E E 322,  
COMPLETION OF 24 CR IN THE E E PROF PROG, ENGL 314  
Note: COURSE RESTRICTED TO CPR E, CYB E, E E, S E  
JUNIORS & SENIORS  
Instructor permission required 1st week.  
7230005 1 T 2:10-4:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7230010 2 R 2:10-4:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SR DESIGN PROJCT II E E 492 2 CREDITS  
Prereq: CPR E 491 OR E E 491 OR S E 491  
Note: COURSE RESTRICTED TO CPR E, E E JUNIORS & SENIORS  
9515005 1 R 2:10-3:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PORTFOLIO ASSESSMNT E E 494 R CREDIT  
Prereq: CPR E 232 OR E E 232 OR CYB E 234; CREDIT  
OR CONCURRENT ENROLLMENT IN CPR E 491 OR E E 491  
Note: COURSE RESTRICTED TO CPR E, CYB E, E E  
SENIORS ONLY  
7347005 1 W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7347010 2 R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7347015 3 W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7347020 4 R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MODERN OPTICS E E 496 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN (PHYS  
322; PHYS 365; PHYS 480)  
5322005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ELECTRICAL ENGINEERING (CONTINUED)

AN&MIXSIG VLSI TCNQ E E 501 4 CREDITS  
Prereq: E E 435  
5328005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
5328010 2 MW 7:45-8:35  
R 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5328015 3 MW 7:45-8:35  
R 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FILTER DESIGN &APPL E E 508 4 CREDITS  
Prereq: E E 501  
1136005 1 MWF 9:55-10:45  
T 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV ELECMAG THRY II E E 513 3 CREDITS  
Prereq: E E 512  
2934005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2934010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

MICROWAVE ENGINEERG E E 514 4 CREDITS  
Prereq: E E 230, E E 311  
4791005 1 MWF 7:45-8:35  
R 8:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4791010 2 MWF 7:45-8:35  
F 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RANDM PROC COMM&SIG E E 523 3 CREDITS  
Prereq: E E 322, MATH 317  
7358005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DIG SIGNAL PROCESS E E 524 3 CREDITS  
Prereq: E E 322, E E 424, MATH 317  
2939005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2939010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

DEEP LRNG:THRY&PRAC E E 526 3 CREDITS  
Prereq: MATH 207, E E 322  
0323005 1 MW 3:20-4:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0323010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

MICRO&NANO SYS&DVIC E E 531 3 CREDITS  
Prereq: E E 332, E E 432 OR E E 532  
0290005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MICROEL FABRIC TCHQ E E 532 4 CREDITS  
Prereq: PHYS 232 AND PHYS 232L; MAT E MAJORS:R E  
MAT E 317; CPR E AND E E MAJORS: E E 230  
8880005 1 MW 12:05-12:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEMICONDUCTR PHYSICS E E 535 4 CREDITS  
Prereq: E E 311 AND E E 332  
2941005 1 M 6:10-7:20PM  
ARRANGED  
T 6:10-7:30PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STEADY STATE ANALYS E E 553 3 CREDITS  
Prereq: E E 456, E E 457  
8879005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8879010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ELECTRICAL ENGINEERING (CONTINUED)

ENGINEERING

RANDOM SIGNAL&KALMN E E 573 3 CREDITS  
 Prereq: E E 324 OR AER E 331 OR M E 370 OR M E  
 411 OR MATH 341 OR MATH 395  
 8185005 1 MWF 3:20-4:10 SHERMAN P  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8185010 2 ARRANGED SHERMAN P  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

LINEAR SYSTEMS E E 577 3 CREDITS  
 Prereq: E E 324 OR AER E 331 OR MATH 415; AND  
 MATH 207  
 2954005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2954010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

EDDY CURRENT NDE E E 588 3 CREDITS  
 Prereq: MAT E 216 OR MAT E 273 OR E E 311 OR  
 PHYS 364  
 5895005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5895010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

SURV REMOTE SNS TEC E E 589 3 CREDITS  
 9758005 1 MW 9:55-10:45 ZHOU Y  
 ARRANGED ZHOU Y  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPL TOP ELECMAG THY E E 590A 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONTROL SYS E E 590B 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN SYS E E 590C 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPTR ENGR E E 590E 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS E E 590G 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR E E 590H 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIGNL PROCS E E 590I 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ELEC ENGIN E E 592 1- 4 CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY E E 595 1- 3 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LEARNG COMMUNITY SEMN E E 598 R CREDIT  
 Prereq: CLASSIFICATION AS AN E CPE MAJOR  
 Satisfactory-Fail Only.  
 9875005 1 F 4:25-5:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CREATIVE COMPONENT E E 599 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ELE PWR SYS E E 653 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 2981005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2981010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required.  
 Note: Course delivery is WWW

ENGINEERG INTERNSHP E E 697 R CREDIT  
 Note: PERMISSN OF MANAGER OF E E STUDENT SERVICES REQ'D  
 Satisfactory-Fail Only.  
 5716005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Department permission required.

RESEARCH E E 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING ORIENTN ENGR 101 R CREDIT  
 Satisfactory-Fail Only.  
 3788005 1 F 9:55-10:45  
 S 9:00-2:00  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1 RESTRICTED TO A E, BSE MAJORS ONLY.  
 SAT MEETING AUG 26TH  
 Course delivery is On-site instruction  
 3788010 2 F 11:00-11:50  
 S 9:00-2:00  
 MEETS: AUG 21-OCT 13  
 Note: SEC 2 RESTRICTED TO A E, BSE MAJORS ONLY.  
 SAT MEETING AUG 26TH  
 Course delivery is On-site instruction  
 3788015 3 T 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO C E AND ENV E MAJORS ONLY  
 Course delivery is On-site instruction  
 3788020 4 R 4:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 RESTRICTED TO CON E MAJORS ONLY  
 Course delivery is On-site instruction  
 3788025 5 W 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: SEC 5 RESTRICTED TO E E, CPR E, CYB E, MAJORS  
 Course delivery is On-site instruction  
 3788030 6 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: SEC 6 RESTRICTED TO E E, CPR E, CYB E, MAJORS  
 Course delivery is On-site instruction  
 3788035 7 T 9:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 7 RESTRICTED TO E E, CPR E, CYB E, MAJORS  
 Course delivery is On-site instruction  
 3788040 8 T 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 8 RESTRICTED TO E E, CPR E, CYB E, MAJORS  
 Course delivery is On-site instruction  
 3788045 9 W 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 9 RESTRICTED TO E E, CPR E, CYB E, MAJORS  
 Course delivery is On-site instruction  
 3788050 10 R 9:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 10 RESTRICTED TO E E, CPR E, CYB E, MAJORS  
 Course delivery is On-site instruction  
 3788055 11 R 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 11 RESTRICTED TO E E, CPR E, CYB E, MAJORS  
 Course delivery is On-site instruction  
 3788060 12 R 2:10-3:15  
 MEETS: AUG 21-DEC 15  
 Note: SEC 12 RESTRICTED TO I E MAJORS ONLY  
 Course delivery is On-site instruction  
 3788065 13 R 2:10-3:15  
 MEETS: AUG 21-DEC 15  
 Note: SEC 13 IS FOR I E TRANSFER STUDENTS ONLY.  
 RESTRICTED TO I E SOPHOMORES, JUNIORS AND SENIORS -  
 OTHERS BY SIGNATURE.  
 Course delivery is On-site instruction  
 3788070 14 T 9:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 14 RESTRICTED TO MAT E MAJORS ONLY  
 Course delivery is On-site instruction  
 3788075 15 R 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 15 RESTRICTED TO ENGR, OPEN MAJORS  
 Course delivery is On-site instruction  
 3788080 16 T 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 16 RESTRICTED TO ENGR, OPEN, GENUS MAJORS  
 Course delivery is On-site instruction  
 3788085 17 R 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 17 RESTRICTED TO ENGR, OPEN, GENUS MAJORS  
 Course delivery is On-site instruction  
 3788090 18 T 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 18 RESTRICTED TO M E MAJORS ONLY  
 Course delivery is On-site instruction  
 3788095 19 W 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: SEC 19 RESTRICTED TO M E MAJORS ONLY  
 Course delivery is On-site instruction  
 3788100 20 T 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 20 RESTRICTED TO M E MAJORS ONLY  
 Course delivery is On-site instruction  
 3788105 21 R 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 21 RESTRICTED TO M E MAJORS ONLY  
 Course delivery is On-site instruction  
 3788110 22 R 9:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 22 RESTRICTED TO M E MAJORS ONLY  
 Course delivery is On-site instruction  
 3788115 23 W 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: SEC 23 FOR M E TRANSFER STUDENTS ONLY  
 Course delivery is On-site instruction  
 3788120 24 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: SEC 24 FOR M E TRANSFER STUDENTS ONLY

## ENGINEERING

(CONTINUED)

ENGINEERING ORIENTN ENGR 101 R CREDIT  
SOPHOMORES AND ABOVE  
Course delivery is On-site instruction  
3788125 25 M 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: SEC 25 RESTRICTED TO C E AND ENV E MAJORS ONLY  
Course delivery is On-site instruction  
3788130 26 W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC 26 RESTRICTED TO C E AND ENV E MAJORS ONLY  
Course delivery is On-site instruction  
3788135 27 T 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 27 RESTRICTED TO C E AND ENV E MAJORS ONLY  
Course delivery is On-site instruction  
3788140 28 T 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 28 RESTRICTED TO CH E MAJORS ONLY  
Course delivery is On-site instruction  
3788145 29 T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: SEC 29 RESTRICTED TO AER E MAJORS ONLY.  
Course delivery is On-site instruction  
3788150 30 T 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 30 RESTRICTED TO AER E MAJORS ONLY  
Course delivery is On-site instruction  
3788155 31 T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: SEC 31 RESTRICTED TO AER E MAJORS ONLY  
Course delivery is On-site instruction  
3788160 32 T 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: SEC 32 RESTRICTED TO AER E MAJORS ONLY  
Course delivery is On-site instruction  
3788165 33 T 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC 33 RESTRICTED TO AER E MAJORS ONLY  
Course delivery is On-site instruction  
3788170 34 T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: SEC 34 RESTRICTED TO AER E MAJORS ONLY  
Course delivery is On-site instruction  
3788175 35 R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: SEC 35 RESTRICTED TO AER E MAJORS ONLY  
Course delivery is On-site instruction  
3788180 36 R 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 36 RESTRICTED TO AER E MAJORS ONLY  
Course delivery is On-site instruction  
3788185 37 R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: SEC 37 RESTRICTED TO AER E MAJORS ONLY  
Course delivery is On-site instruction  
3788190 38 R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: SEC 38 RESTRICTED TO AER E MAJORS ONLY  
Course delivery is On-site instruction  
3788195 39 R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC 39 RESTRICTED TO AER E MAJORS ONLY  
Course delivery is On-site instruction  
3788200 40 R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: SEC 40 RESTRICTED TO AER E MAJORS ONLY  
Course delivery is On-site instruction  
3788205 41 T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: SEC 41 RESTRICTED TO M E MAJORS ONLY  
Course delivery is On-site instruction  
3788210 42 T 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 42 RESTRICTED TO CH E MAJORS ONLY  
Course delivery is On-site instruction  
3788215 43 F 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: SEC 43 RESTRICTED TO M E MAJORS ONLY  
Course delivery is On-site instruction  
3788220 44 T 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 44 RESTRICTED TO CH E MAJORS ONLY  
Course delivery is On-site instruction  
3788225 45 W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: SEC 45 RESTRICTED TO C E & ENV E MAJORS ONLY  
Course delivery is On-site instruction

LEAD PROGRM ORIENTN ENGR 104 1 CREDIT  
Satisfactory-Fail Only.  
6594005 1 F 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: THIS SEC IS FOR STUDENTS IN THE LEAD  
LEARNING COMMUNITY.  
Course delivery is On-site instruction

## ENGINEERING

(CONTINUED)

LEARNING COMM SEMNR ENGR 131 R CREDIT  
Note: COURSE RESTRICTED TO ENGR MAJORS ONLY  
Satisfactory-Fail Only.  
7845005 1 T 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845010 2 W 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845015 3 R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845020 4 W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845025 5 T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845030 6 W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845035 7 T 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845040 8 T 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845045 9 W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845050 10 T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845055 11 R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845060 12 W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845065 13 R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845070 14 R 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845075 15 R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845080 16 R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845085 17 T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7845090 18 T 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGR PROB & CPR LAB ENGR 160 3 CREDITS  
Prereq: MATH 143 OR SATISFACTORY SCORES  
ON MATHEMATICS PLACEMENT EXAMINATIONS  
Note: COURSE RESTRICTED TO ENGR, MAT E MAJORS ONLY.  
CREDIT IN ONLY ONE OF THE FOLLOWING COURSES  
MAY BE APPLIED TOWARD GRADUATION: ENGR 160, A B E  
160, AER E 160, C E 160, CH E 160, CPR E 185, E E  
185, I E 148, M E 160, AND S E 185.  
Night exams scheduled. For dates go to  
[http://www.registrar.iastate.edu/students/exams/  
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

2946005 1 MW 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2946010 2 MW 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2946105 3 MW 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2946020 4 MW 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2946025 5 TR 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2946030 6 TR 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2946040 7 TR 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2946045 8 TR 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2946050 9 TR 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ENGINEERING (CONTINUED)

CAREER&EMPLOY PREP ENGR 203 1 CREDIT  
Satisfactory-Fail Only.  
0304005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

INT'L EXPRNC REPORT ENGR 320 3 CREDITS  
Prereq: SATISFACTORY COMPLETION OF INTERNATIONAL  
WORK EXPERIENCE OF AT LEAST 10 WEEKS OR 9 CREDITS OF  
APPROVED COURSE WORK TAKEN ABROAD  
Note: Meets international perspectives reqmt  
Satisfactory-Fail Only.  
7283005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: College permission required.

DEANS LDRSHIP SEMNAR ENGR 350 1 CREDIT  
Prereq: SELECTION BASED ON DEMONSTRATED  
COMMITMENT TO LEADERSHIP DEVELOPMNT. SOPHOMORE STATUS  
OR ABOVE.  
Note: CREDIT IN ENGR 350 MAY NOT BE APPLIED TOWARD  
A DEGREE IN ENGINEERING  
Satisfactory-Fail Only.  
9494005 1 F 1:10-2:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVE EDUC ENGR 398 R CREDIT  
Prereq: PERMISSION OF ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENTREPREN PROD ENGR ENGR 430 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
0175005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

IND STDY ENTREPRNSH ENGR 490E 1- 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
ENGINEERING, COLLEGE APPROVAL  
Note: College permission required.  
2529005 1 ARRANGED  
MEETS: AUG 21-DEC 15

INDEP STU LEADRSHP ENGR 490L 1- 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
ENGINEERING, COLLEGE APPROVAL  
5006005 1 ARRANGED  
MEETS: AUG 21-DEC 15

**ENGINEERING MECHANICS**

MECHAN OF MATERIALS E M 324 3 CREDITS  
Prereq: C E 274  
Note: COURSE RESTRICTED TO ENGR COLLEGE SOPHOMORES,  
JUNIORS AND SENIORS.  
Night exams scheduled. For dates go to  
[http://www.registrar.iastate.edu/students/exams/  
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

3007005 1 MWF 8:50-9:40 JOHANNSEN J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3007010 2 MWF 11:00-11:50 JOHANNSEN J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3007015 3 MWF 12:05-12:55 JOHANNSEN J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3007020 4 MWF 2:15-3:05 ZARECHNY O  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3007025 5 MWF 3:20-4:10 ZARECHNY O  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3007030 6 MWF 4:25-5:15 ZARECHNY O  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MECH OF MATERLS LAB E M 327 1 CREDIT  
Prereq: E M 324

3008005 1 T 8:00-9:50 CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3008010 2 T 10:00-11:50 CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3008015 3 T 1:10-3:00 CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3008020 4 T 3:10-5:00 CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3008025 5 T 5:10-7:00PM CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3008030 6 W 7:45-9:35 CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3008035 7 W 9:55-11:45 CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3008040 8 W 1:10-3:00 CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ENGINEERING MECHANICS (CONTINUED)

MECH OF MATERLS LAB E M 327 1 CREDIT  
3008045 9 W 3:10-5:00 CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3008050 10 R 10:00-11:50 CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3008055 11 R 1:10-3:00 CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3008060 12 R 3:10-5:00 CHIOU T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN NONDESTRC TEST E M 362 3 CREDITS  
Prereq: PHYS 132 OR PHYS 232  
0848005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0848010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ENGINEERG ACOUSTICS E M 451 3 CREDITS  
Prereq: (MATH 266 OR MATH 267); PHYS 231; PHYS  
231L

3021005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3021010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INDEPENDENT STUDY E M 490 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E M 490H VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CONTINUUM MECHANICS E M 510 3 CREDITS  
Prereq: MATH 385

3026005 1 TR 3:20-4:10 SHEIDAEI A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FRACTURE & FATIGUE E M 564 3 CREDITS  
Prereq: E M 324, MAT E 216 OR MAT E 272 OR MAT E  
392. UNDERGRADUATES: PERMISSION OF INSTRUCTOR.

3046005 1 MWF 8:55-9:40 BASTAWROS A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3046010 2 ARRANGED BASTAWROS A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPL TOPC THIN FILMS E M 590H 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CELULR MDIA E M 590I 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 590J 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT E M 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV EXP MTH E M 690N 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV WAV PROP E M 690O 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV MATERLS E M 690P 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV COMP MTH E M 690Q 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ENGINEERING MECHANICS (CONTINUED)

SPL TOP RELIAB&FAIL E M 690R 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 690S 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP E M 697 R CREDIT  
Prereq: PERMISSION OF DOGE, GRAD CLASSIFICATION  
Satisfactory-Fail Only.  
8134005 1 ARRANGED  
MEETS: AUG 21-DEC 15

RESEARCH E M 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ENGLISH

NONNATIVE SPEAKING ENGL 99S 0 CREDITS  
Note: DEVELOPMENTAL ENGLISH FEE APPLIES. SEE TUITION  
AND FEES WEBSITE FOR MORE INFORMATION ON FEE.  
9180005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9180010 2 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9180015 3 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9180020 4 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGLISH NONNATIVE I ENGL 101B 3 CREDITS  
Prereq: COMPLETION OF PLACEMENT EXAM  
Note: ENGL 101B DOES NOT APPLY TOWARD GRADUATION

3294005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3294010 2 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3294015 3 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3294020 4 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGLISH NONNATIV II ENGL 101C 3 CREDITS  
Prereq: COMPLETION OF PLACEMENT EXAM  
Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION

3295005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3295010 2 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3295700 3 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGLISH NONNATIV II ENGL 101D 3 CREDITS  
Prereq: COMPLETION OF PLACEMENT EXAM  
Note: ENGL 101D DOES NOT APPLY TOWARD GRADUATION.  
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.

3296005 1 T 8:00-9:15  
R 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3296010 2 T 11:00-12:15  
R 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3296015 3 MF 8:50-9:40  
W 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMPUTERS & LANGUAGE ENGL 120 3 CREDITS  
6170005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS  
Note: EVERY ON-CAMPUS SECTION MEETS IN A COMPUTER  
WRITING LAB ONE DAY PER WEEK. THE OTHER MEETING(S)  
WILL BE IN A TRADITIONAL CLASSROOM.

3298005 1 WF 9:55-10:45  
M 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298010 2 WF 11:00-11:50  
M 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298015 3 WF 12:05-12:55  
M 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ENGLISH (CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS  
3298020 4 WF 2:15-3:05  
M 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298025 5 WF 3:20-4:10  
M 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298030 6 MF 11:00-11:50  
W 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298035 7 R 3:40-4:55  
T 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298040 8 MF 9:55-10:45  
W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298045 9 MF 12:05-12:55  
W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298050 10 MF 7:45-8:35  
W 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298055 11 MF 2:15-3:05  
W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298060 12 MW 12:05-12:55  
F 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298065 13 MF 11:00-11:50  
W 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298070 14 WF 11:00-11:50  
M 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298075 15 MF 11:00-11:50  
W 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298080 16 R 2:10-3:25  
T 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298085 17 T 11:00-12:15  
R 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298090 18 T 12:40-1:55  
R 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298095 19 T 2:10-3:25  
R 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298100 20 T 3:40-4:55  
R 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298105 21 MF 8:50-9:40  
W 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298110 22 M 8:50-9:40  
WF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298115 23 M 9:55-10:45  
WF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298120 24 MF 11:00-11:50  
W 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298125 25 MF 12:05-12:55  
W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298130 26 MF 9:55-10:45  
W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298135 27 MF 2:15-3:05  
W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298140 28 R 12:40-1:55  
T 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3298145 29 R 2:10-3:25  
T 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ENGLISH (CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS  
 3298150 30 MF 9:55-10:45  
 W 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298155 31 MF 12:05-12:55  
 W 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298160 32 WF 7:45-8:35  
 M 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298165 33 WF 8:50-9:40  
 M 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298170 34 WF 12:05-12:55  
 M 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298175 35 T 12:40-1:55  
 R 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298180 36 T 2:10-3:25  
 R 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298185 37 MW 8:50-9:40  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298190 38 MW 9:55-10:45  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298195 39 R 11:00-12:15  
 T 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298200 40 T 11:00-12:15  
 R 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298205 41 WF 11:00-11:50  
 M 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298210 42 MF 12:05-12:55  
 W 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298215 43 MF 2:15-3:05  
 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298220 44 T 8:00-9:15  
 R 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298225 45 WF 12:05-12:55  
 M 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298230 46 T 9:30-10:45  
 R 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298235 47 MW 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298240 48 MW 2:15-3:05  
 F 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298245 49 MW 3:20-4:10  
 F 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298250 50 MF 7:45-8:35  
 W 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298255 51 MF 8:50-9:40  
 W 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298260 52 MF 9:55-10:45  
 W 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3298265 53 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3298270 54 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3298275 55 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3298280 56 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

## ENGLISH (CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS  
 3298285 57 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3298290 58 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3298295 59 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3298300 60 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3298305 61 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3298310 62 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3298315 63 R 8:00-9:15  
 T 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO TO LITERATURE ENGL 201 3 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ENGL 150

3303005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 Course delivery is On-site instruction

3303010 2 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM  
 Course delivery is On-site instruction

INTRO TECH COMMUNIC ENGL 214 3 CREDITS  
 Prereq: ENGL 150

7570005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO LINGUISTICS ENGL 219 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION

3307005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO SOPHOMORES, JUNIORS  
 AND SENIORS ONLY  
 Course delivery is On-site instruction

3307010 2 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO SOPHOMORES, JUNIORS  
 AND SENIORS LING OR ENGL MAJORS  
 Course delivery is On-site instruction

DESCRP ENGL GRAMMAR ENGL 220 3 CREDITS  
 Note: SEC A1,B1,ETC. RESTRICTED TO ENGL, TCOMM,  
 LING MAJORS ONLY. SECTIONS A2,B2,ETC. RESTRICTED  
 TO MAJORS OTHER THAN ENGL, TCOMM, LING.

3308005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3308010 2 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3308015 3 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3308020 4 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ARTFCL INTLLGNC WRT ENGL 222X 3 CREDITS  
 Prereq: ENGL 150

4127005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BRITISH LIT TO 1800 ENGL 225 3 CREDITS  
 Prereq: ENGL 250  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM

5349005 A1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5349010 A2 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AMERIC LIT TO 1865 ENGL 227 3 CREDITS  
 Prereq: ENGL 250  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM

5356005 A1 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5356010 A2 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## ENGLISH

(CONTINUED)

INTRO AM INDIAN LIT ENGL 240 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ENGL 150  
8244005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
Prereq: ENGL 150; CREDIT OR CONCURRENT ENROLLMENT IN LIB 160; SOPHOMORE CLASSIFICATION OR ABOVE  
Note: THE UNIVERSITY REQUIRES A MINIMUM GRADE OF C IN ENGL 250 TO MEET THE COMMUNICATION PROFICIENCY GRADUATION REQUIREMENT; SOME MAJORS/DEGREE PROGRAMS MAY SET HIGHER STANDARDS.  
3299005 1 MWF 7:45-8:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299010 2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299015 3 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299020 4 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299025 5 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299030 6 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299035 7 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299040 8 MWF 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299045 9 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299050 10 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299055 11 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299060 12 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299065 13 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299070 14 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299075 15 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299080 16 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299085 17 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299090 18 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299095 19 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299100 20 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299105 21 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299110 22 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299115 23 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299120 24 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299125 25 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299130 26 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299135 27 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299140 28 MWF 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299145 29 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299150 30 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299155 31 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15

## ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
Note: Course delivery is On-site instruction  
3299160 32 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299165 33 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: SEC 33 TOPIC: INNOVATION & ENTREPRENEURSHIP  
Course delivery is On-site instruction  
3299170 34 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: SEC 34 TOPIC: INNOVATION & ENTREPRENEURSHIP  
Course delivery is On-site instruction  
3299175 35 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: SEC 35 RESTRICTED TO MAJOR IN THE COLLEGE OF ENGR  
Course delivery is On-site instruction  
3299180 36 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299185 37 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: SEC 37 TOPIC: INNOVATION & ENTREPRENEURSHIP  
Course delivery is On-site instruction  
3299190 38 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: SEC 38 TOPIC: INNOVATION & ENTREPRENEURSHIP  
Course delivery is On-site instruction  
3299195 39 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299200 40 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299205 41 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299210 42 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299215 43 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299220 44 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299225 45 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299230 46 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299235 47 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299240 48 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299245 49 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299250 50 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299255 51 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299260 52 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299265 53 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299270 54 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299275 55 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299280 56 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299285 57 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3299290 58 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3299295 59 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

HONORS WRI,ELE COMP ENGL 250H 3 CREDITS  
Prereq: EXEMPTION FROM ENGL 150, ADMISSION TO FRESHMAN HONORS PROGRAM; CREDIT FOR OR CONCURRENT IN LIB 160  
Note: THE UNIVERSITY REQUIRES A MINIMUM GRADE OF C IN ENGL 250 TO MEET THE COMMUNICATION PROFICIENCY GRADUATION REQUIREMENT; SOME MAJORS/DEGREE PROGRAMS MAY SET HIGHER STANDARDS.  
EVERY SECTION MEETS IN A COMPUTER LAB AT LEAST ONE DAY PER WEEK. EXCEPT FOR THE LABTOP SECTIONS, THE OTHER MEETING(S) WILL BE IN A TRADITIONAL CLASSROOM.  
RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.

ENGLISH

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HONORS WRI ELE COMP ENGL 250H 3 CREDITS  
 3300005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300010 2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300015 3 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300020 4 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300025 5 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300030 6 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300035 7 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300040 8 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300045 9 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300050 10 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300055 11 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300060 12 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300065 13 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3300070 14 MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ANLYS POP CULTR TXT ENGL 275 3 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ENGL  
 250  
 3305005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BUSINESS COMMUNICAT ENGL 302 3 CREDITS  
 Prereq: ENGL 250; JUNIOR CLASSIFICATION  
 Note: MOST SEC WILL MEET IN A COMPUTER LAB  
 AT LEAST ONE DAY PER WEEK. COURSE RESTRICTED TO  
 JUNIORS AND ABOVE.  
 3314005 1 WF 7:45-8:35  
 M 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO BUSINESS COLLEGE MAJORS  
 JUNIORS & ABOVE  
 Course delivery is On-site instruction  
 3314010 2 MW 2:15-3:05  
 F 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314015 3 WF 8:50-9:40  
 M 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO BUSINESS COLLEGE MAJORS  
 JUNIORS & ABOVE  
 Course delivery is On-site instruction  
 3314020 4 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314025 5 WF 9:55-10:45  
 M 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314030 6 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314035 7 MW 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 7 RESTRICTED TO BUSINESS COLLEGE MAJORS  
 JUNIORS & ABOVE  
 Course delivery is On-site instruction  
 3314040 8 MW 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314045 9 MW 12:05-12:55  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314050 10 MW 12:05-12:55  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC 10 IS RESTRICTED TO BUSINESS COLLEGE JRS &  
 SRS  
 Course delivery is On-site instruction  
 3314055 11 MW 2:15-3:05  
 F 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS  
 3314060 12 R 8:00-9:15  
 T 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314065 13 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: SEC 13 RESTRICTED TO BUSINESS COLLEGE MAJORS  
 JUNIORS & ABOVE  
 Course delivery is On-site instruction  
 3314070 14 R 9:30-10:45  
 T 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314075 15 R 11:00-12:15  
 T 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: SEC 15 RESTRICTED TO COLLEGE OF BUS MAJORS  
 Course delivery is On-site instruction  
 3314080 16 R 11:00-12:15  
 T 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314085 17 WF 12:05-12:55  
 M 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314090 18 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 13 RESTRICTED TO BUSINESS COLLEGE MAJORS  
 JUNIORS & ABOVE  
 Course delivery is On-site instruction  
 3314095 19 R 12:40-1:55  
 T 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC 19 RESTRICTED TO COLLEGE OF BUS MAJORS  
 Course delivery is On-site instruction  
 3314100 20 R 12:40-1:55  
 T 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314105 21 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314110 22 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3314723 23 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 23 RESTRICTED TO BUSINESS COLLEGE MAJORS  
 JUNIORS & ABOVE  
 Course delivery is WWW  
 3314724 24 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 24 RESTRICTED TO BUSINESS COLLEGE MAJORS  
 JUNIORS & ABOVE  
 Course delivery is WWW  
 3314725 25 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 25 RESTRICTED TO BUSINESS COLLEGE MAJORS  
 JUNIORS & ABOVE  
 Course delivery is WWW  
 3314726 26 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 26 RESTRICTED TO BUSINESS COLLEGE MAJORS  
 JUNIORS & ABOVE  
 Course delivery is WWW  
 3314727 27 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 27 RESTRICTED TO BUSINESS COLLEGE MAJORS  
 JUNIORS & ABOVE  
 Course delivery is WWW  
 3314728 28 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 28 RESTRICTED TO BUSINESS COLLEGE MAJORS  
 JUNIORS & ABOVE  
 Course delivery is WWW  
 3314729 29 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314730 30 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314731 31 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314732 32 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314733 33 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314734 34 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314735 35 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314736 36 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314737 37 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314738 38 ARRANGED  
 MEETS: AUG 21-DEC 15



## ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS  
 Note: Course delivery is WWW  
 3314739 39 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314740 40 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314741 41 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314742 42 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314743 43 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3314744 44 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

HONORS BUS COMMUNIC ENGL 302H 3 CREDITS  
 Prereq: ADMISSION TO HONORS PROGRAM; ENGL 250;  
 JUNIOR CLASSIFICATION  
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS WHO  
 ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM. OTHER  
 QUALIFIED STUDENTS MAY CONTACT THE DEPARTMENT FOR  
 PERMISSION TO REGISTER.  
 7402005 1 MW 8:50-9:40  
 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CREAT WRITING:FICTN ENGL 304 3 CREDITS  
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPH & ABOVE  
 3316005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3316010 2 MW 3:20-4:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CREAT WRITING:NON-F ENGL 305 3 CREDITS  
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 3317005 1 MW 3:20-4:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CREAT WRITING:POET ENGL 306 3 CREDITS  
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 3318005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WRITE LIKE A WOMAN ENGL 308 3 CREDITS  
 Prereq: ENGL 250  
 Note: COURSE NOT OPEN TO FRESHMEN  
 8473005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PROPOS&RPRT WRITNG ENGL 309 3 CREDITS  
 Prereq: ENGL 250; JUNIOR CLASSIFICATION  
 Note: SEC A1,B1 ETC RESTRICTED TO ENGL, TCOMM MAJORS  
 SEC A2,B2 ETC FOR MAJORS OTHER THAN ENGL, TCOMM  
 8089005 A1 WF 9:55-10:45  
 M 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8089010 A2 WF 9:55-10:45  
 M 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8089015 B1 R 9:30-10:45  
 T 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8089020 B2 R 9:30-10:45  
 T 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8089025 C1 R 12:40-1:55  
 T 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8089030 C2 R 12:40-1:55  
 T 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8089035 D1 WF 2:15-3:05  
 M 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8089040 D2 WF 2:15-3:05  
 M 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8089045 E1 R 11:00-12:15  
 T 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## ENGLISH

(CONTINUED)

PROPOS&RPRT WRITNG ENGL 309 3 CREDITS  
 8089050 E2 R 11:00-12:15  
 T 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8089055 F3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 8089060 G3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 8089065 J3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 8089070 K3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

RHETORICAL ANALYSIS ENGL 310 3 CREDITS  
 Prereq: ENGL 250  
 Note: SEC A1,B1 RESTRICTED TO ENGL, TCOMM, SP CM MAJORS  
 ONLY. A2,B2 FOR MAJORS OTHER THAN ENGL, TCOMM, SP CM  
 8308005 A1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8308010 A2 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8308015 B1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8308020 B2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

COMM SCI&PUB ENGAGE ENGL 312 3 CREDITS  
 Prereq: ENGL 250  
 Note: RESTRICTED A1,B1,C1 TO A ECL, AGRON, AN S,  
 BBMS, BCBIO, BIOCH, BIOL, BIOLA, BIOPH, BPM I,  
 ENSCA, ENSCS, ENV S, FOR, GEN, GEN S, HORT, INSCI,  
 MICR, MICRO, PBPPI MAJORS ONLY.  
 6971005 A1 T 2:10-3:25  
 R 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6971010 B1 T 12:40-1:55  
 R 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6971015 C1 T 3:40-4:55  
 R 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6971020 C2 T 3:40-4:55  
 R 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC C2 RESTRICTED TO A ECL, AGRON, AN S, BBMS,  
 BCBIO, BIOCH, BIOL, BIOLA, BIOPH, BPM I, ENSCA,  
 ENSCS, ENV S, FOR, GEN, GEN S, HORT, ENSCI, MICR  
 MICRO, PBPPI MAJORS ONLY.  
 Course delivery is On-site instruction

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS  
 Prereq: ENGL 250; JUNIOR CLASSIFICATION  
 Note: MOST SEC WILL BE TAUGHT IN A COMPUTER LAB.  
 COURSE RESTRICTED TO JUNIORS AND ABOVE.  
 3356005 1 MW 9:55-10:45  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3356010 2 MW 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3356015 3 T 9:30-10:45  
 R 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3356020 4 T 12:40-1:55  
 R 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3356025 5 MW 2:15-3:05  
 F 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3356030 6 WF 9:55-10:45  
 M 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3356035 7 WF 11:00-11:50  
 M 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3356040 8 T 8:00-9:15  
 R 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3356045 9 T 11:00-12:15  
 R 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3356050 10 R 9:30-10:45  
 T 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## ENGLISH (CONTINUED)

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS  
 3356055 11 R 11:00-12:15  
 T 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3356065 13 R 2:10-3:25  
 T 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3356070 14 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356075 15 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356080 16 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356085 17 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356090 18 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356095 19 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356100 20 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356105 21 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356110 22 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356115 23 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356120 24 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356125 25 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

3356130 26 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INTRO ESL MTHDS&MAT ENGL 318 3 CREDITS  
 Prereq: ENGL 219 OR LING 219  
 8993005 1 R 6:10-7:30PM  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTR TCHG ESL LTRCY ENGL 324 3 CREDITS  
 Prereq: ENGL 219 OR LING 219  
 7207005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WOMEN & LIT TOPICS ENGL 345 3 CREDITS  
 Prereq: ENGL 250  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM.  
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

3324005 A1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: TOPIC: WOMEN AND HOME, CONTEMPORARY U.S. WOMEN WRITERS  
 Course delivery is On-site instruction

3324010 A2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: TOPIC: WOMEN AND HOME. CONTEMPORARY U.S. WOMEN WRITERS  
 Course delivery is On-site instruction

WLD LIT:ANCT-RENAIS ENGL 353 3 CREDITS  
 Prereq: ENGL 250  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM  
 Meets international perspectives reqmt

3329005 A1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3329010 A2 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BRIT LIT: VICTORIAN ENGL 376B 3 CREDITS  
 Prereq: ENGL 250; SOPHOMORE CLASSIFICATION  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS  
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM  
 Meets international perspectives reqmt

9056005 A1 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC A1 RESTRICTED TO ENGLISH MAJORS, TOPIC:  
 BRITISH SCIENCE FICTION  
 Course delivery is On-site instruction

9056010 A2 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC A2 RESTRICTED TO NON-ENGLISH MAJORS, TOPIC:  
 BRITISH SCIENCE FICTION  
 Course delivery is On-site instruction

## ENGLISH (CONTINUED)

TCH RDNG OF YNG LIT ENGL 396 3 CREDITS  
 Prereq: ENGL 250  
 3350005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 Course delivery is On-site instruction

3350010 2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO EL ED MAJORS ONLY  
 Course delivery is On-site instruction

CR WRIT WKSHP:FICTN ENGL 404 3 CREDITS  
 Prereq: ENGL 304  
 3353005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TECHNL,RHET,PRO CMM ENGL 411 3 CREDITS  
 Prereq: ENGL 310; (ENGL 302, ENGL 309, ENGL 313,  
 OR ENGL 314); JUNIOR CLASSIFICATION

3020005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BUSI&TECHNICAL EDIT ENGL 415 3 CREDITS  
 Prereq: (ENGL 302, ENGL 309, OR ENGL 314); JUNIOR  
 CLASSIFICATION

3358005 A1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC A1 FOR ENGLISH MAJORS ONLY  
 Course delivery is On-site instruction

3358010 A2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC A2 FOR NON-ENGLISH MAJORS ONLY  
 Course delivery is On-site instruction

VISUL ASPCT BUS CMM ENGL 416 3 CREDITS  
 Prereq: (ENGL 302, ENGL 309, OR ENGL 314); JUNIOR  
 CLASSIFICATION

9078005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 Course delivery is On-site instruction

9078010 2 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM  
 Course delivery is On-site instruction

STUDNT TCH ENGL&LIT ENGL 417E VAR. CREDITS  
 Prereq: ENGL 494, ADMISSION TO TEACHER EDUCATION,  
 APPROVAL OF COORDINATOR SEMESTER PRIOR TO STUDENT  
 TEACHING  
 Note: COURSE RESTRICTED TO ENGL SENIORS IN THE  
 EDUCATOR PREP PROGRAM.  
 PLEASE NOTE: A SPECIAL COURSE FEE WILL BE  
 ASSESSED FOR THIS COURSE. PLEASE BE ADVISED THAT  
 THIS FEE WILL BE ASSESSED LATER IN THE SEMESTER.

7786025 1 ARRANGED  
 MEETS: AUG 21-OCT 13

7786030 2 ARRANGED  
 MEETS: OCT 16-DEC 15

7786035 3 ARRANGED  
 MEETS: AUG 21-OCT 13

7786040 4 ARRANGED  
 MEETS: OCT 16-DEC 15

7786045 5 ARRANGED  
 MEETS: AUG 21-OCT 13

7786050 6 ARRANGED  
 MEETS: OCT 16-DEC 15

HIST OF ENGLISH LANG ENGL 420 3 CREDITS  
 Prereq: (ENGL 219 OR LING 219); (ENGL 220 OR LING  
 220); JUNIOR CLASSIFICATION  
 Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES

3360005 1 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2ND LANG LRNG&TCHNG ENGL 425 3 CREDITS  
 Prereq: (ENGL 219 OR LING 219); JUNIOR  
 CLASSIFICATION

9321005 1 MW 4:25-5:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GRAMMATICAL ANALYSI ENGL 437 3 CREDITS  
 Prereq: (ENGL 219 OR LING 219); (ENGL 220 OR LING  
 220); JUNIOR CLASSIFICATION  
 Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES

3359005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SMNR LITERRY GENRES ENGL 450 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION

5400005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## ENGLISH

(CONTINUED)

INTERN BUS,PRO COMM ENGL 487 1- 3 CREDITS  
Prereq: 9 CREDITS IN (ENGL 302, ENGL 309, ENGL 313, ENGL 315, ENGL 415, ENGL 416, OR ENGL 477); JUNIOR CLASSIFICATION; DEPARTMENT PERMISSION  
Note: Department permission required.  
9099005 1 ARRANGED  
MEETS: AUG 21-DEC 15

IND STDY LITERATURE ENGL 490A VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND ENGL 250; JUNIOR CLASSIFICATION; DEPARTMENT PERMISSION  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU LINGUISTICS ENGL 490B VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND ENGL 250; JUNIOR CLASSIFICATION; DEPARTMENT PERMISSION  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY RHETORIC ENGL 490C VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND ENGL 250; JUNIOR CLASSIFICATION; DEPARTMENT PERMISSION  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CRITICI LIT ENGL 490D VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND ENGL 250; JUNIOR CLASSIFICATION; DEPARTMENT PERMISSION  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU INSTRUC MTH ENGL 490E VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND ENGL 250; JUNIOR CLASSIFICATION; DEPARTMENT PERMISSION  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CREATV WRIT ENGL 490F VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND ENGL 250; JUNIOR CLASSIFICATION; DEPARTMENT PERMISSION  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU BUS/TCH CMM ENGL 490G VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND ENGL 250; JUNIOR CLASSIFICATION; DEPARTMENT PERMISSION  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ENGL 490H VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND ENGL 250; JUNIOR CLASSIFICATION; DEPARTMENT PERMISSION  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TEACH LIT SECONDARY ENGL 494 3 CREDITS  
Prereq: ENGL 310; ENGL 397; 9 ADDITIONAL CREDITS IN ENGL BEYOND ENGL 250; PSYCH 333  
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
3379005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

TCHNG MLTIMODL COMP ENGL 500 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION; MUST BE TEACHING ENGL 150 OR ENGL 250 CONCURRENTLY  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
3385005 1 M 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3385010 2 M 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3385015 3 M 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3385020 4 M 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ENGLISH

(CONTINUED)

PRO COMMUNIC THEORY ENGL 506 3 CREDITS  
Prereq: ADMISSION TO ENGLISH DEPT GRADUATE DEGREE PROGRAM  
Note: COURSE RESTRICTED TO ENGL, TCOMM GRAD STUDENTS  
3390005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LANGU ASSESS PRACTM ENGL 513 3 CREDITS  
Prereq: ENGL 519  
8728005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

CORPUS LINGUISTICS ENGL 517 3 CREDITS  
Prereq: ENGL 511 OR LING 511 OR AN INTRODUCTORY COURSE IN LINGUISTICS  
0470005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2ND LANUAGE ASSESSM ENGL 519 3 CREDITS  
Prereq: ENGL/LING 511  
3402005 1 MW 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TCHG 2D LANG PRONUN ENGL 525 3 CREDITS  
Prereq: ENGL/LING 511 OR AN INTRODUCTORY COURSE IN LINGUISTICS  
Note: COURSE RESTRICTED TO ENGL, LING GRADS ONLY  
2230005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BRIT LIT SINCE 1830 ENGL 535 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR 6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
3254005 1 R 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: TOPIC: BRITISH SCIENCE FICTION  
Course delivery is On-site instruction

PREP PUB THSIS CHPT ENGL 536 3 CREDITS  
0516005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

WKSHP:SCRIPTWRITING ENGL 552 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION. OPEN TO GRADUATE STUDENTS OUTSIDE MFA PROGRAM IN CREATIVE WRITING AND ENVIRONMENT WITH PERMISSION OF INSTRUCTOR.  
0249005 1 T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NONFICTION WORKSHOP ENGL 555 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION. OPEN TO GRADUATE STUDENTS OUTSIDE MFA PROGRAM IN CREATIVE WRITING AND ENVIRONMENT WITH PERMISSION OF INSTRUCTOR.  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2022  
RESTRICTED TO GRADUATE ENGL MAJORS  
2244005 1 W 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENVIRON FIELD EXPER ENGL 560 3 CREDITS  
Prereq: ENGL 550 AND GRADUATE CLASSIFICATION.  
8229005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.

TOPICS STDY OF FILM ENGL 562 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR 6 CREDITS IN FILM AT 300 LEVEL OR ABOVE  
9947005 1 T 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RSRCH MTH RHET:ANLY ENGL 563C 3 CREDITS  
Prereq: SENIOR CLASSIFICATION  
9868005 1 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

VISUAL RHET PRO CMM ENGL 586 3 CREDITS  
Prereq: A COURSE IN PROFESSIONAL COMMUNICATION  
7575005 1 MW 2:15-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERN PROF COMM ENGL 587 1- 3 CREDITS  
Prereq: 3 GRAD CREDITS IN PROFESSIONAL COMMUNICATION, PERMISSION OF INSTRUCTOR. LIMITED TO MASTER'S AND DOCTORAL DEGREE CANDIDATES IN THE FIELD OF RHETORIC AND PROFESSIONAL COMMUNICATION  
Note: Instructor permission required.  
3425005 1 ARRANGED  
MEETS: AUG 21-DEC 15

## ENGLISH

(CONTINUED)

PRA TCH ENG 2ND LNG ENGL 588 3 CREDITS  
Prereq: 9 CREDITS TOWARD TESL/TEFL CERTIFICATE OR  
15 CREDITS TOWARD TESL/AL MASTER'S DEGREE.  
Note: COURSE RESTRICTED TO GRADUATE ENGL, LING.  
ENGL 588 CANNOT BE USED FOR TEACHER LICENSURE.  
3426005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SUPV PRACT LIT EDIT ENGL 589 1- 3 CREDITS  
Prereq: ENGL 550 AND PERMISSION OF INSTRUCTOR  
7611005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.

SPL TOP LITERATURE ENGL 590A VAR. CREDITS  
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE  
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TESL/LINGUI ENGL 590B VAR. CREDITS  
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE  
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RHETOR&COMP ENGL 590C VAR. CREDITS  
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE  
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP RHE&PRO COMM ENGL 590E VAR. CREDITS  
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE  
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CREATV WRIT ENGL 590F VAR. CREDITS  
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE  
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP APP LING&TEC ENGL 590G VAR. CREDITS  
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE  
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DIR RDG:RHET&PRO CM ENGL 591E VAR. CREDITS  
4790005 1 ARRANGED  
MEETS: AUG 21-DEC 15

DIR RDG:LING&TECHNL ENGL 591G VAR. CREDITS  
4860005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.

CORE STU:PRO CMUNIC ENGL 592C 3 CREDITS  
Note: RESTRICTED TO MASTERS IN ACCOUNTING  
2708005 1 MW 11:00-12:40  
MEETS: AUG 21-NOV 8  
Note: Course delivery is On-site instruction

CREATIVE COMPONENT ENGL 599 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
MAJOR PROFESSOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH LING MTH:QUAL ENGL 623B 3 CREDITS  
Prereq: ENGL 511 OR LING 511  
0300005 1 MW 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SMNR APPLD LINGUIST ENGL 630 3 CREDITS  
Prereq: ENGL/LING 510, ENGL/LING 511  
4758005 1 MW 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4758010 2 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH ENGL 699 VAR. CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
MAJOR PROFESSOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ENTOMOLOGY**

INTRO TO INSECTS ENT 201 1 CREDIT  
5197005 1 ARRANGED JURENKA R  
MEETS: AUG 21-SEPT 22  
Note: Course delivery is WWW

INSECTS AND SOCIETY ENT 211 2 CREDITS  
Prereq: ENT 201  
3441005 1 ARRANGED JURENKA R  
MEETS: SEPT 25-DEC 15  
Note: Course delivery is WWW

## ENTOMOLOGY

(CONTINUED)

BEE BIOL, MGT &KEEP ENT 358 3 CREDITS  
Prereq: 1 COURSE IN 200-LEVEL BIOL OR PERMISSION  
OF INSTRUCTOR  
0816005 1 TR 12:40-1:55 TOTH A  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INSECT BIOLOGY ENT 370 3 CREDITS  
Prereq: BIOL 101 OR BIOL 211  
3443005 1 TR 11:00-11:50 JURENKA R  
W 12:05-2:55 JURENKA R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3443010 2 TR 11:00-11:50 JURENKA R  
W 3:20-6:10PM JURENKA R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3443015 3 TR 11:00-11:50 JURENKA R  
R 12:10-3:00 JURENKA R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENTOMOLOGY FIELD TR ENT 435 2 CREDITS  
Prereq: BIOL 312; PERMISSION OF INSTRUCTOR  
2114005 1 ARRANGED COURTNEY G  
MEETS: AUG 5-18  
Note: Course delivery is On-site instruction

IND STU RESRCH/WORK ENT 490E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED  
TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY LAB TEACHG ENT 490U 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED  
TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ECOL BASED PEST MGT ENT 530 3 CREDITS  
Prereq: SUSAG 509  
4966005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PLANT-INSCT INTERAC ENT 570 2 CREDITS  
Prereq: 9 CREDITS IN BIOLOGICAL SCIENCES  
3452005 1 W 3:20-5:10 GASSMANN A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SP TOP BIOL CONTROL ENT 590A 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP CHEM ECOLOGY ENT 590B 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL&SYSTMAT ENT 590D 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH TOPCS ENT 590E 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEDICAL&VET ENT 590F 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC MOLECULAR ENT 590G 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TOXICOLOGY ENT 590I 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCHNG EXPER ENT 590K 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP EXTENS INTRN ENT 590L 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ENTOMOLOGY

(CONTINUED)

SPL TOP IMMATUR INS ENT 590M 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POPUL GENET ENT 590N 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CREDIT  
5345005 1 M 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH ENT 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ENTREPRENEURSHIP**

ENTREPRENRSH&INNOV ENTSP 310 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO UNDERGRAD STUDENTS SOPH & ABOVE.  
COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

0020005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0020010 2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0020015 3 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0020020 4 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0020025 5 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0020030 6 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0020035 7 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0020040 8 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

0020045 9 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

0020050 10 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

0020055 11 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 11 RESTRICTED TO BBA MAJORS ONLY  
Course delivery is WWW

FEASIB ANLY&VENTRES ENTSP 313 3 CREDITS  
Prereq: ENTSP 310  
Note: COURSE RESTRICTED TO UNDERGRAD STUDENT SOPH & ABOVE. COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

0021005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0021010 2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CORPORATE ENTREPREN ENTSP 320 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO UNDERGRAD STUDENTS SOPH & ABOVE.  
COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN

0748005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0748010 2 R 6:00-8:45PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0748015 3 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MANAGING FAMILY BUS ENTSP 381 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION

1823005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOCIAL ENTREPRNRSHP ENTSP 410 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO UNDERGRAD STUDENTS SOPH & ABOVE.  
GRAD STUDENTS MUST GET PERMISSION FROM 1200 GERDIN TO ADD

0023005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ENTREPRENEURSHIP

(CONTINUED)

ENTREPRENEUR MARKET ENTSP 454 3 CREDITS  
Prereq: MKT 340  
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS SOPH & ABOVE.

0540005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

APP ENTREPRENEURSHP ENTSP 480 3 CREDITS  
Prereq: ENTSP 310; ENTSP 313  
Note: COURSE RESTRICTED TO UNDERGRADUATE STUDENTS SOPH & ABOVE

7285005 1 MW 2:15-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENTSP & VENTU START ENTSP 566 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR

7270005 1 ARRANGED  
MEETS: AUG 28-NOV 17  
Note: Course delivery is WWW

FORM&IMPL INNOV STA ENTSP 583 3 CREDITS  
Prereq: MGMT 504 OR PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO ENG M MAJORS AND BUSINESS STUDENTS GRADUATE STUDENTS

0354005 1 ARRANGED  
MEETS: AUG 28-NOV 17  
Note: Course delivery is WWW

ORG RESEARCH METHOD ENTSP 609 3 CREDITS  
Prereq: ENROLLMENT IN ENTSP OR MGMT PH D PROGRAM OR PERMISSION OF INSTRUCTOR

0727005 1 T 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

**ENVIRONMENTAL ENGINEERING**

ENV E LRN COMMUNITY ENV E 120 1 CREDIT  
0309005 1 TR 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MEASUREMENTS&ANALYS ENV E 201 3 CREDITS  
Prereq: C E 190

0315005 1 MW 4:25-5:15  
T 9:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN ENVIRONMT ENGR ENV E 326 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN A B E 378; (CHEM 167 OR CHEM 177); CHEM 178; MATH 166

0792005 1 MF 9:55-10:45  
W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0792010 2 MF 9:55-10:45  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0792015 3 MF 9:55-10:45  
T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENV ENGR SCIENCE ENV E 426 3 CREDITS  
Prereq: C E 326; CHEM 231; MICRO 201

0340005 1 MW 1:10-2:00  
R 9:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOLID&HAZ WASTE MGT ENV E 430 3 CREDITS  
Prereq: C E 326; CREDIT OR CONCURRENT ENROLLMENT IN C E 426

0988005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY ENV E 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ENVIRONMENTAL SCIENCE**

ORIENT ENVIRNMT SCI ENSCI 110 1 CREDIT  
Prereq: FRESHMAN CLASSIFICATION; MAJOR IN ENSCI  
Note: COURSE RESTRICTED TO ENSCA, ENSCS FRESHMEN ONLY Satisfactory-Fail Only.

6098005 1 R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ENVIRONMENTAL SCIENCE

(CONTINUED)

INTRO ENVIRNMT ISSU ENSCI 201 2 CREDITS  
6111005 A1 TR 8:00-9:15, ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC A1 RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
Course delivery is On-site instruction

6111010 A2 TR 8:00-9:15, ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

6111015 A3 TR 8:00-9:15, ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC A3 RESTRICTED TO AG X, ENV S, OPEN MAJORS  
Course delivery is On-site instruction

EXPLOR ENVIR ISSUES ENSCI 202 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ENSCI 201  
Note: COURSE RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
Satisfactory-Fail Only.

9224005 1 R 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENVIRONMTL GEOGRPHY ENSCI 250 3 CREDITS  
6127005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
Course delivery is On-site instruction

6127010 2 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO A ECL, AG X, AGRON,  
BIOL, BIOLA, ENV S, FOR, GEOL, MTEOR, OPEN MAJORS  
Course delivery is On-site instruction

FOREST ECOLOGY&SOILS ENSCI 301 4 CREDITS  
Prereq: BIOL 211; BIOL 211L; (FOR 201 OR A SECOND COURSE IN BIOLOGY)

4973005 1 TR 8:00-9:15  
T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4973010 2 TR 8:00-9:15  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ECOLOGY ENSCI 312 4 CREDITS  
Prereq: BIOL 211; (BIOL 212 OR BIOL 251)  
Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC (LETTERED SEC A,B) FIRST AND THEN A LAB SEC (NUMBERED SEC 1-18). STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

4996001 A TR 8:00-9:15 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996004 B TR 8:00-9:15 RUSSELL A  
MEETS: AUG 21-DEC 15  
Note: SEC B IS TEAM BASED LEARNING  
Course delivery is On-site instruction

4996005 1 M 7:45-10:35 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996010 2 M 8:50-11:40 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996015 3 M 11:00-2:00 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996020 4 M 12:05-2:55 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996025 5 M 2:15-5:05 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996030 6 M 3:20-6:10PM JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996040 7 T 10:00-1:00 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996045 8 T 12:10-3:00 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996050 9 T 1:10-4:00 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996055 10 T 3:10-6:00PM JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996060 11 R 3:10-6:00PM JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996065 12 W 8:50-11:40 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996070 13 W 11:00-2:00 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996075 14 W 12:05-2:55 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996080 15 W 2:15-5:05 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996085 16 W 3:20-6:10PM JOVANOVIC B  
MEETS: AUG 21-DEC 15

## ENVIRONMENTAL SCIENCE

(CONTINUED)

ECOLOGY ENSCI 312 4 CREDITS  
Note: Course delivery is On-site instruction

4996090 17 R 10:00-12:50 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996095 18 R 12:10-3:00 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996100 19 W 7:45-10:45 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4996105 20 R 1:10-4:00 JOVANOVIC B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANLYS ENVRMTL SYS ENSCI 319 3 CREDITS  
Prereq: ENSCI 312; JUNIOR CLASSIFICATION

3293005 A1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3293010 A2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3293015 B1 ARRANGED, TR 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3293020 B2 ARRANGED, TR 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3293025 C1 ARRANGED, TR 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3293030 C2 ARRANGED, TR 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ECO&ENVIRON SCI GIS ENSCI 370 1- 6 CREDITS  
Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL SCIENCES; PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.

4002005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

4002010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS  
Prereq: DEPARTMENT PERMISSION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPRENTICESHIP ENSCI 391 VAR. CREDITS  
Prereq: DEPARTMENT PERMISSION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WATERSHED HYDROLOGY ENSCI 402 3 CREDITS  
3164005 1 MW 11:00-11:50 GUTOWSKI W  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GLOBAL CHANGE ENSCI 404 3 CREDITS  
3386005 1 TR 2:10-3:25 MAUDLIN L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STREAM ECOLOGY ENSCI 418 3 CREDITS  
Prereq: ENSCI 486

5457005 1 TR 1:10-2:00  
R 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STABLE ISOTOPES ENV ENSCI 426 3 CREDITS  
6844005 1 TR 9:30-10:45 WANAMAKER A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GIS&GPS NAT RESOURC ENSCI 446 3 CREDITS  
Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE

3033005 1 TR 8:00-8:50  
T 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3033010 2 TR 8:00-8:50  
W 11:00-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO GIS GEOSCNTST ENSCI 452 3 CREDITS  
3093005 1 MW 3:20-4:10 HARDING C  
MW 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## ENVIRONMENTAL SCIENCE (CONTINUED)

SOIL FORMATN&LANDSC ENSCI 463 3 CREDITS  
 Note: CREDIT FOR EITHER AGRON/ENSCI 463/563 OR  
 IA LL/AGRON/ENSCI 463I/563I, BUT NOT BOTH,  
 MAY BE APPLIED TOWARD GRADUATION  
 1935005 1 MWF 12:05-12:55 BURRAS C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SURFICIAL PROCESSES ENSCI 479 3 CREDITS  
 5026005 1 MW 9:55-10:45 IVERSON N  
 F 12:05-2:55 IVERSON N  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ENGR ANALY BIOL SYS ENSCI 480 3 CREDITS  
 Prereq: A B E 380 OR PERMISSION OF INSTRUCTOR  
 7086005 1 MW 7:45-8:35  
 F 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AQUATIC ECOLOGY ENSCI 486 3 CREDITS  
 Prereq: BIOL 312 OR ENSCI 319 OR ENSCI 402 OR  
 NREM 301  
 5000005 1 TR 9:30-10:45 LOEWEN C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AQUATIC ECOLOGY LAB ENSCI 486L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN BIOL 486  
 OR A ECL 486 OR ENSCI 486  
 5012005 1 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5012010 2 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MICROBIAL ECOLOGY ENSCI 487 3 CREDITS  
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
 3512005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SURV REMOTE SNS TEC ENSCI 489 3 CREDITS  
 0766005 1 MW 9:55-10:45 ZHOU Y  
 ARRANGED ZHOU Y  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDEPENDENT STUDY ENSCI 490 VAR. CREDITS  
 Prereq: DEPARTMENT PERMISSON  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY ENSCI 490H VAR. CREDITS  
 Prereq: DEPARTMENT PERMISSON  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INT'L TRAVEL TOUR ENSCI 496A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6179005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 TOPIC: SOILS, AGRICULTURE & THE ENVIRONMENT  
 OF URUGUAY. OFFERED FOR 2-3 CREDITS.  
 Course delivery is On-site instruction  
 6179010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 TOPIC: SOILS, CROPS, & WATER OF COSTA RICA.  
 OFFERED FOR 2-3 CREDITS.  
 Course delivery is On-site instruction

COOPERATIVE EDUCATN ENSCI 498 R CREDIT  
 Prereq: DEPARTMENT PERMISSION  
 6276005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

WATERSHED HYDROLOGY ENSCI 502 3 CREDITS  
 4409005 1 MW 11:00-11:50 GUTOWSKI W  
 R 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GLOBAL CHANGE ENSCI 504 3 CREDITS  
 4428005 1 TR 2:10-3:25 MAUDLIN L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

STREAM ECOLOGY ENSCI 518 3 CREDITS  
 Prereq: A ECL 486  
 Note: Instructor permission required 1st week.  
 5029005 1 TR 1:10-2:00  
 R 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRON BIOTECHNOLG ENSCI 521 3 CREDITS  
 Prereq: C E 326  
 4516005 1 T 9:00-10:50  
 R 9:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <http://www.public.iastate.edu/~tge/courses/ce521/homepage.html>

STABLE ISOTOP&ENVIR ENSCI 526 3 CREDITS  
 3178005 1 TR 9:30-10:45 WANAMAKER A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SOIL&WTR CONSERV SY ENSCI 531 3 CREDITS  
 Prereq: E M 378 OR CH E 356  
 4641005 1 MW 11:00-11:50  
 T 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WATERSHD MODL&POLCY ENSCI 537 3 CREDITS  
 Prereq: C E 372  
 0474005 1 MW 1:10-2:00  
 F 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTEGRATING GIS&GPS ENSCI 546 3 CREDITS  
 Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300  
 LEVEL OR ABOVE  
 4698005 1 TR 8:00-8:50  
 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4698010 2 TR 8:00-8:50  
 W 11:00-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO GIS GEOSCNTST ENSCI 552 3 CREDITS  
 3217005 1 MW 3:20-4:10 HARDING C  
 MW 4:25-5:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SOIL FORMATN&LANDSC ENSCI 563 3 CREDITS  
 Note: CREDIT FOR EITHER AGRON/ENSCI 463/563 OR  
 IA LL/AGRON/ENSCI 463I/563I, BUT NOT BOTH,  
 MAY BE APPLIED TOWARD GRADUATION  
 3244005 1 MWF 12:05-12:55 BURRAS C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GRNDWATER HYDROLOGY ENSCI 573 3 CREDITS  
 Prereq: C E 372  
 4573005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SOIL FORM&TRANSFORM ENSCI 575 1 CREDIT  
 Prereq: AGRON 463 OR EQUIVALENT  
 3465005 1 ARRANGED BURRAS C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SURFICIAL PROCESSES ENSCI 579 3 CREDITS  
 3226005 1 MW 9:55-10:45 IVERSON N  
 F 12:05-2:55 IVERSON N  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AQUATIC ECOLOGY ENSCI 586 3 CREDITS  
 Prereq: BIOL 312 OR ENSCI 319 OR ENSCI 402 OR  
 NREM 301  
 5644005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AQUATIC ECOLOGY LAB ENSCI 586L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN BIOL 586  
 OR A ECL 586 OR ENSCI 586  
 5663005 1 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5663010 2 T 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MICROBIAL ECOLOGY ENSCI 587 3 CREDITS  
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
 7352005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ENVIRONMENTAL SCIENCE (CONTINUED)

SURV REMOTE SNS TEC ENSCI 589 3 CREDITS  
 0767005 1 MW 9:55-10:45 ZHOU Y  
 ARRANGED ZHOU Y  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPECIAL TOPICS ENSCI 590 VAR. CREDITS  
 Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL  
 SCIENCE FACULTY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ENSCI 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ENVIRONMENTAL STUDIES**

ENVIRONMNTL GEOLOGY ENV S 101 3 CREDITS  
 3418005 1 MWF 9:55-10:45 DAWSON J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3418010 2 ARRANGED ABDULLAJINTAKAM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INTRO OCEANOGRAPHY ENV S 108 3 CREDITS  
 3044005 1 TR 2:10-3:25 JOHNSON B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GEOLOGICL DISASTERS ENV S 111 1 CREDIT  
 9170005 1 ARRANGED HARDING C  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW

INTR RENEW RESOURCS ENV S 120 3 CREDITS  
 5141005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5141010 2 ARRANGED SKRYNNIKOVA L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

CLIMATE AND SOCIETY ENV S 140 3 CREDITS  
 Note: Meets international perspectives reqmt  
 0600005 1 TR 11:00-12:15 MAUDLIN L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ENVIRONMNTL BIOLOGY ENV S 173 3 CREDITS  
 2022005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INTRO ENVIRNMT ISSU ENV S 201 2 CREDITS  
 2282005 A1 TR 8:00-9:15, ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC A1 RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
 Course delivery is On-site instruction  
 2282010 A2 TR 8:00-9:15, ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 2282015 A3 TR 8:00-9:15, ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC A3 RESTRICTED TO AG X, ENV S, OPEN MAJORS  
 Course delivery is On-site instruction

GLOBAL SUSTAINABLT ENV S 220 3 CREDITS  
 Note: T SC/ANTR/ENV S/GLOBE/MAT E/M E/SOC 220  
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT  
 TOWARD ANY ENGINEERING COLLEGE DEGREE  
 Meets international perspectives reqmt  
 3862005 1 ARRANGED HALLAM A  
 MEETS: SEPT 5-DEC 15  
 Note: Course delivery is WWW

ENVIRONMNTL GEOGRPHY ENV S 250 3 CREDITS  
 6155005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
 Course delivery is On-site instruction  
 6155010 2 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO A ECL, AG X, AGRON,  
 BIOL, BIOLA, ENV S, FOR, GEOL, MTEOR, OPEN MAJORS  
 Course delivery is On-site instruction

FND NAT R PLCY&HIST ENV S 270 3 CREDITS  
 3572005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 3572010 2 ARRANGED SKRYNNIKOVA L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

ENVIRONMENTAL STUDIES (CONTINUED)

ENVIRONMNTL PLANNING ENV S 293 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: THIS COURSE IS A 2-PART COURSE. STUDENTS MUST  
 REGISTER FOR A LECTURE SEC FIRST & THEN A LAB SEC.  
 STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE &  
 LAB SHOULD DROP THE COURSE DUE TO INCOMPLETE  
 REGISTRATION.

7576100 A MW 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7576005 1 R 12:40-1:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7576010 2 R 1:40-2:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7576015 3 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7576020 4 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ANLYS ENVRMNTL SYS ENV S 319 3 CREDITS  
 Prereq: ENSCI 312; JUNIOR CLASSIFICATION

2312005 A1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2312010 A2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2312015 B1 ARRANGED, TR 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2312020 B2 ARRANGED, TR 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2312025 C1 ARRANGED, TR 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 2312030 C2 ARRANGED, TR 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ECOFEMINISM ENV S 320 3 CREDITS  
 Prereq: WGS 201 OR 3 CREDITS IN WGS AT THE  
 300 LEVEL OR ABOVE

2865005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

ENVIRONMNTAL ETHICS ENV S 334 3 CREDITS  
 Prereq: 3 CREDITS IN PHIL OR PERMISSION OF  
 INSTRUCTOR

5142005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WORLD FOOD ISSUES ENV S 342 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Meets international perspectives reqmt

1733005 1 MWF 11:00-11:50 ANDERSON A  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO AGRON, CS A, CS H,  
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA,  
 PDEXH MAJORS ONLY  
 Course delivery is On-site instruction

1733010 2 TR 9:30-10:45 ANDREWS S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1733015 3 TR 12:40-1:55 KWAW-MENSAH D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1733020 4 ARRANGED ANDREWS S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

POPULATION & SOCIETY ENV S 345 3 CREDITS  
 Prereq: SOC 130 OR SOC 134  
 Note: Meets international perspectives reqmt

3462005 1 MWF 11:00-11:50 STEWART S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ENVIRONMNTL SOCIOL ENV S 382 3 CREDITS  
 Prereq: SOC 130, SOC 134, OR 3 CREDITS OF ENV S  
 Note: Meets international perspectives reqmt

7579005 1 MWF 3:40-4:10 BALAYAR R  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS  
 Prereq: PERMISSION OF ENVIRONMENTAL STUDIES  
 COORDINATOR

Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



## ENVIRONMENTAL STUDIES (CONTINUED)

GLOBAL CHANGE ENV S 404 3 CREDITS  
8673005 1 TR 2:10-3:25 MAUDLIN L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONTRV NAT RSRC MGT ENV S 460 3 CREDITS  
Prereq: (A ECL 312 OR NREM 301); NREM 120; JUNIOR CLASSIFICATION  
2880005 1 MW 1:10-2:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2880010 2 MW 4:25-5:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY ENV S 490 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; PERMISSION OF ENVIRONMENTAL STUDIES COORDINATOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**EVENT MANAGEMENT**

INTRO EVENT MANAGMT EVENT 171 3 CREDITS  
6726005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DIGTL PRODCTN EVENT 212 3 CREDITS  
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY  
0010005 1 M 2:15-4:05, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INCENVTV MEETING MGT EVENT 328 3 CREDITS  
Prereq: EVENT 171 EVENT MANAGEMENT MAJOR/  
MINOR  
5435005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ENTERTNMT VENUE MGT EVENT 333 3 CREDITS  
Prereq: EVENT 171 EVENT MANAGEMENT MAJOR/  
MINOR  
9397005 1 W 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

VIRTUAL&HYBRD EVNTS EVENT 343X 3 CREDITS  
Prereq: EVENT 171; EVENT MAJOR OR MINOR ONLY  
1363005 1 W 6:00-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

EVENT SALES EVENT 367 3 CREDITS  
Prereq: EVENT 171; AESHM 340 OR MKT 340  
7589005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONFRC&MTG PLANNNG EVENT 371 3 CREDITS  
Prereq: EVENT 171 AND SOPHOMORE STANDING  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2022  
1350005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WEDDING PLANNG &MGT EVENT 373 3 CREDITS  
Prereq: EVENT 171; EVENT MANAGEMENT MAJOR/MINOR  
8128005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NONPROFT FNDRAIS EV EVENT 379 3 CREDITS  
Prereq: EVENT 171; EVENT MANAGEMENT MAJOR/MINOR  
5508005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL EVENTS COORD EVENT 471 3 CREDITS  
Prereq: EVENT 171, 371 AND JUNIOR STANDING  
Note: ADDITIONAL PREP TIMES REQUIRED ON THE WEEKS OF SPECIAL EVENTS. CANNOT ENROLL IN BOTH EVENT 471 & HSP M 487 IN THE SAME SEMESTER.  
6904005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EVENT PRODUCTION EVENT 485 3 CREDITS  
Prereq: EVENT 371; EVENT MANAGEMENT MAJOR.  
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY  
7591005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## EVENT MANAGEMENT (CONTINUED)

ADV EVNT PRODUCTION EVENT 486 3 CREDITS  
Prereq: EVENT 371, 485, PERMISSION BY INSTRUCTOR  
0904005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEP STDY CONFERNC EVENT 490B VAR. CREDITS  
Prereq: APPROVAL OF PROGRAM COORDINATOR  
Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY SPCL EVNTS EVENT 490C VAR. CREDITS  
Prereq: APPROVAL OF PROGRAM COORDINATOR  
Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY EVENT MGT EVENT 490D VAR. CREDITS  
Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EVENT BUS RES ESSNT EVENT 531 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
0463005 1 T 5:30-8:30PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ADV SOC MEDIA MKTG EVENT 577 3 CREDITS  
Prereq: GRADUATE LEVEL STANDING  
0897005 1 T 5:30-8:30PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPECIAL TOPICS EVENT 590 3 CREDITS  
Prereq: GRADUATE LEVEL STANDING; PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT EVENT 599 3 CREDITS  
Prereq: GRADUATE STANDING  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**FAMILY&CONSUMER SCIENCES ED&STUDIES**

PRO ROLES FAMLV SCI FCEDS 206 2 CREDITS  
Note: CLASS MEETS MONDAYS AND ALTERNATE WEDNESDAYS.  
SEE SYLLABUS FOR DETAILS.  
3974005 1 W 8:50-10:45, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EDU PRIN FAMILY SCI FCEDS 306 4 CREDITS  
Prereq: FCEDS 206 OR PERMISSION OF INSTRUCTOR  
3982005 1 T 3:10-5:00  
R 3:10-5:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRE-TCHG PRCTCM:LAB FCEDS 380V 1- 2 CREDITS  
Prereq: FCEDS 206; FCEDS 306; ADMISSION TO EDUCATOR PREPARATION PROGRAM  
Satisfactory-Fail Only.  
9460005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SUPR TCHG VOC FAMLV FCEDS 417A 3- 8 CREDITS  
Prereq: FCEDS 206; FCEDS 306; FCEDS 380V; FCEDS 413; MINIMUM 24 CREDITS IN FCEDS; CUMULATIVE GRADE POINT OF 2.50; ADMISSION TO EDUCATOR PREPARATION PROGRAM  
Note: RESTRICTED TO STUDENTS WITH ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
3987005 1 ARRANGED  
MEETS: AUG 21-OCT 13

SUPV TCHG FAMLV SCI FCEDS 417B 3- 8 CREDITS  
Prereq: FCEDS 206; FCEDS 306; FCEDS 380V; FCEDS 413; MINIMUM 24 CREDITS IN FCEDS; CUMULATIVE GRADE POINT OF 2.50; ADMISSION TO EDUCATOR PREPARATION PROGRAM  
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
3988005 1 ARRANGED  
MEETS: OCT 16-DEC 15

PRE-TCHG PRA:DV SET FCEDS 480V 2 CREDITS  
Prereq: FCEDS 206; FCEDS 306; FCEDS 380V; ADMISSION TO EDUCATOR PREPARATION PROGRAM  
Note: STUDENTS MUST HAVE 2.5 DAYS AVAILABLE PER CREDIT.  
Satisfactory-Fail Only.  
9484005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## FAMILY&amp;CONSUMER SCIENCES ED&amp;STUDIES (CONTINUED)

INDEP STUDY GENERAL FCEDS 490G VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPV EXPRNC COMMUNC FCEDS 491A 3- 8 CREDITS  
Prereq: FCEDS 206; FCEDS 306; HD FS 418B;  
MINIMUM 24 CREDITS IN FCEDS  
Satisfactory-Fail Only.  
2261005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SUPV EXPRNC PRO STU FCEDS 491B 3- 8 CREDITS  
Prereq: FCEDS 206; FCEDS 306; HD FS 418B;  
MINIMUM 24 CREDITS IN FCEDS  
Satisfactory-Fail Only.  
2272005 1 ARRANGED  
MEETS: AUG 21-DEC 15

**FAMILY FINANCIAL PLANNING**

FUND FAMILY FINANCI FFP 530 3 CREDITS  
8202705 F ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC F RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Course delivery is On-site instruction  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

8202710 H ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC H RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

8202715 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW

FINANCIAL COUNSELNG FFP 535 3 CREDITS  
8211700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Course delivery is WWW  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

ESTATE PLAN FAMILIE FFP 540 3 CREDITS  
8212700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

HOUSING&FINANC PLAN FFP 541 3 CREDITS  
8213700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

RETIREMENT PLAN,BENEF FFP 545 3 CREDITS  
8215700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

INSURNC PLAN FAMILI FFP 555 3 CREDITS  
8216700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

PERSONAL INCOME TAX FFP 565 3 CREDITS  
8203700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

## FAMILY FINANCIAL PLANNING (CONTINUED)

INVESTG&FAMLY FUTUR FFP 583 3 CREDITS  
8208705 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

FAM FINANCL PL SEM FFP 590 3 CREDITS  
3188700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

PRACTICUM FFP 591 3- 6 CREDITS  
6273700 F ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

FINAN PLN CASE STUD FFP 595 3 CREDITS  
Prereq: FFP 530, FFP 540, FFP 545, FFP 555, FFP  
565, FFP 583  
8218700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

**FINANCE**

PRINCIPL OF FINANCE FIN 301 3 CREDITS  
Prereq: ACCT 284, ECON 101, STAT 226  
Note: SEC 1-6 RESTRICTED TO ACCT, AG B, AG ST, AGLSE,  
AN S, ACSCI, BU AN, BUS S, BUS U, BUSEC, DY S,  
ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY  
SEC 7-11 RESTRICTED TO UNDERGRAD STUDENTS SOPH &  
ABOVE. GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION  
TO ADD

3689005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3689010 2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3689015 3 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3689020 4 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3689025 5 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3689030 6 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3689035 7 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3689040 8 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3689045 9 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3689050 10 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

3689055 11 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

3689060 12 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 12 RESTRICTED TO BBA MAJORS ONLY  
Course delivery is WWW

CORPORATE FINANCE FIN 310 3 CREDITS  
Prereq: FIN 301 AND CO-REQUISITE OF MATH 151 OR  
MATH 160 OR MATH 165  
Note: SEC A1,B1,ETC. RESTRICTED TO FIN MAJORS SOPH &  
ABOVE. SEC A2,B2,ETC. RESTRICTED TO ACCT, ACSCI,  
BU AN, BUS U,BUSEC, ENTSP, HCM, HRM, MGMT, MIS, MKT,  
SCM SOPH & ABOVE & BUS S.

3691005 A1 MW 3:45-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3691010 A2 MW 3:45-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3691015 B1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3691020 B2 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3691025 C1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3691030 C2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## FINANCE

(CONTINUED)

CORPORATE FINANCE FIN 310 3 CREDITS  
 3691035 D1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3691040 D2 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INVESTMENTS FIN 320 3 CREDITS  
 Prereq: FIN 301; AND CO-REQUISITE OF MATH 151 OR  
 MATH 160 OR MATH 165  
 Note: SEC A1,B1,ETC. RESTRICTED TO FIN SOPH & ABOVE.  
 SEC A2,B2,ETC. RESTRICTED TO ACCT, ACSCI, BU AN,  
 BUS S, BUS U, BUSEC, ENTSP, HCM, HRM, MGMT, MIS, MKT,  
 SCM UNDERGRAD SOH & ABOVE.  
 3692005 A1 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3692010 A2 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3692015 B1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3692020 B2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3692025 C1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3692030 C2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3692035 D1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3692040 D2 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FINAN MKTS&INSTITUT FIN 330 3 CREDITS  
 Prereq: FIN 301  
 Note: SEC A1,B1 RESTRICTED TO FIN MAJORS SOPH & ABOVE  
 SEC A2,B2 RESTRICTED TO UNDERGRAD STUDENTS SOPH &  
 ABOVE.  
 6829005 A1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6829010 A2 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6829015 B1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6829020 B2 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO TO FIN&CRYPTO FIN 334X 3 CREDITS  
 Prereq: FIN 301  
 Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD  
 STUDENTS SOPH & ABOVE  
 1903005 1 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PERSNL RISK MGT&INS FIN 361 3 CREDITS  
 Prereq: FIN 301  
 Note: GRADUATE STUDENTS GO TO 1200 GERDIN FOR  
 PERMISSION TO REGISTER.  
 SEC A1, B1 RESTRICTED TO FIN SOPH & ABOVE  
 SEC A2, B2 RESTRICTED TO ACCT, ACSCI, BU AN, BUS S,  
 BUSEC, F C P, HCM, HRM, MGMT, MKT, SCM, ENTSP SOPH  
 & ABOVE  
 3693005 A1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3693010 A2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3693015 B1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3693020 B2 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

REAL ESTATE PRINCIP FIN 371 3 CREDITS  
 Prereq: ECON 101  
 Note: SEC A1,B1 RESTRICTED TO FIN UNDERGRAD STUDENTS  
 SOPH & ABOVE. SEC A2,B2 RESTRICTED TO UNDERGRAD  
 STUDENTS SOPH & ABOVE.  
 GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD  
 3690005 A1 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3690010 A2 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3690015 B1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3690020 B2 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## FINANCE

(CONTINUED)

BUS FINANCG DECISNS FIN 415 3 CREDITS  
 Prereq: FIN 310  
 Note: SEC A1,B1 ETC. RESTRICTED TO FIN MAJORS ONLY. SEC  
 A2, B2 ETC. RESTRICTED TO ACCT, ACSCI, BU AN, BUS U,  
 BUSEC, ENTSP, HRM, I BUS, MGMT, MIS, MKT, SCM  
 UNDERGRADS. COURSE NOT OPEN TO P BBA, P BUS. GRADUATE  
 STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 3698005 A1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3698010 A2 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3698015 B1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3698020 B2 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FIN FUTURES&OPTIONS FIN 424 3 CREDITS  
 Prereq: FIN 320; (STAT 326 OR STAT 341)  
 Note: GRADUATE STUDENTS GO TO 1200 GERDIN FOR  
 PERMISSION TO ADD  
 3697005 A1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC A1 RESTRICTED TO ACSCI, FIN JR & ABOVE  
 Course delivery is On-site instruction  
 3697010 A2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BU AN, BUS U,  
 BUSEC, ENTSP, HCM, HRM, MGMT, MIS, MKT, SCM UNDERGRAD  
 JR MAJORS & ABOVE.  
 Course delivery is On-site instruction

SECUR ANALY&PORTFOL FIN 425 3 CREDITS  
 Prereq: FIN 320; (STAT 326 OR STAT 341)  
 Note: COURSE RESTRICTED TO FIN MAJORS JR & ABOVE  
 7201005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BANK MGT DECISIONS FIN 445 3 CREDITS  
 Prereq: FIN 310 OR FIN 320 OR FIN 330 OR  
 ECON 353  
 Note: COURSE NOT OPEN TO P BUS MAJORS. GRADUATE  
 STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 3696005 A1 MW 3:45-5:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC A1 RESTRICTED TO FIN MAJORS JR &  
 ABOVE  
 Course delivery is On-site instruction  
 3696010 A2 MW 3:45-5:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC A2 RESTRICTED TO ACCT, ACSCI, BU AN, BUS U,  
 BUS S, BUSEC, ENTSP, HCM, HRM, MGMT, MIS, MKT, SCM  
 UNDERGRAD MAJORS JR & ABOVE  
 Course delivery is On-site instruction

ANALYTICAL FINANCE FIN 450 3 CREDITS  
 Prereq: (ECON 301 OR FIN 301); (STAT 326 OR STAT  
 341)  
 8455005 A1 MWF 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: SEC A1 RESTRICTED TO UNDERGRADUATE STUDENTS  
 JR & ABOVE  
 Course delivery is On-site instruction  
 8455010 A2 MWF 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: SEC A2 RESTRICTED TO FIN GRADUATE STUDENTS  
 Course delivery is On-site instruction

RISK MODELING FIN 455 3 CREDITS  
 Prereq: FIN 301, STAT 326  
 Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS  
 STUDENTS SOPH & ABOVE.  
 0546005 1 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CORPOR RISK MGT&INS FIN 462 3 CREDITS  
 Prereq: FIN 310  
 Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD  
 STUDENTS SOPH & ABOVE  
 9268005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRNATIONL FINANCE FIN 480 3 CREDITS  
 Prereq: FIN 310 OR FIN 320 OR FIN 330  
 Note: COURSE RESTRICTED TO BUSINESS UNDERGRADS SOPH &  
 ABOVE. GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION  
 TO ADD  
 5131005 1 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## FINANCE

(CONTINUED)

INDEPENDENT STUDY FIN 490 1- 3 CREDITS  
Prereq: FIN 301, STAT 326 AND PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FIN VALU&CORP DECIS FIN 501 3 CREDITS  
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION  
9124700 1 FS 8:00-5:00  
MEETS: NOV 17-DEC 9  
Note: SEC 1 FOR PERMISSION CONTACT BUSAD@IASTATE.EDU  
MEETS 11/17, 11/18, 12/8, AND 12/9.  
Department permission required.  
Course delivery is Hybrid (Online and F2F)

ADV CORPORAT FINANC FIN 510 3 CREDITS  
Prereq: FIN 501 OR INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
3703005 1 R 6:00-9:20PM  
MEETS: AUG 31-NOV 16  
Note: Course delivery is WWW

CASE STU FIN DECISN FIN 515 3 CREDITS  
Prereq: FIN 501 OR INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
7163005 1 T 6:00-9:20PM  
MEETS: AUG 29-NOV 14  
Note: Course delivery is On-site instruction

FINANC ANLYS&VALUAT FIN 530 3 CREDITS  
Prereq: FIN 501 OR INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
1554005 1 S 8:30-11:50  
MEETS: SEPT 2-NOV 18  
Note: Course delivery is On-site instruction

FINANCL DERIVATIVES FIN 534 3 CREDITS  
Prereq: FIN 501 OR GRADUATE CLASSIFICATION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
3450005 1 TR 2:10-3:55  
MEETS: AUG 22-NOV 9  
Note: Course delivery is On-site instruction

REAL ESTATE FINANCE FIN 572 3 CREDITS  
Prereq: MASTER OF REAL ESTATE DEVELOPMENT STUDENTS ONLY OR INSTRUCTOR PERMISSION  
8795005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.  
Course delivery is WWW

SPECIAL TOPICS FIN 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**FOOD SCIENCE & HUMAN NUTRITION**

FOOD & THE CONSUMER FS HN 101 3 CREDITS  
3659005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3659010 2 ARRANGED BOYLSTON T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPORT PRFRMC NUTRIT FS HN 102 1 CREDIT  
1873005 1 TR 11:00-11:50  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

INTRO CULINRY SKLLS FS HN 104 1 CREDIT  
Prereq: MAJOR OR MINOR IN CUFSA OR CUFH H  
Note: COURSE RESTRICTED TO CUFSA, CUFH MAJORS ONLY  
8416005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: PLEASE EMAIL EBEIRMAN@IASTATE.EDU FOR PERMISSION TO ADD  
Instructor permission required.  
Course delivery is On-site instruction

PROFESSNL&EDUC PREP FS HN 110 1 CREDIT  
Satisfactory-Fail Only.  
3661005 1 TR 2:10-3:00  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
3661010 2 ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 2 FOR TRANSFER STUDENTS  
Course delivery is WWW

FOOD PREPARATN LAB FS HN 115 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN FS HN 111 OR FS HN 214  
2922005 1 T 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2922010 2 R 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## FOOD SCIENCE &amp; HUMAN NUTRITION

(CONTINUED)

BIOCHEMISTRY OF BEER FS HN 120 2 CREDITS  
Note: CREDIT IN BBMB 120/FS HN 120 MAY ONLY BE APPLIED TOWARD GRADUATION AS ELECTIVE CREDIT BY NATURAL SCIENCE MAJORS  
2283005 1 TR 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOCHEM OF BEER LAB FS HN 120L 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN FS HN 120  
Note: CREDIT IN BBMB 120L/FS HN 120L MAY ONLY BE APPLIED TOWARD GRADUATION AS ELECTIVE CREDIT BY NATURAL SCIENCE MAJORS  
THERE IS A \$125 LAB FEE FOR THIS COURSE.  
9493005 1 R 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO HUM NUTR&HLTH FS HN 167 3 CREDITS  
3600005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3600010 2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3600015 3 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ISSU FOOD SCI&NUTRI FS HN 203 1 CREDIT  
8685005 1 W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SCIENTIF STUDY FOOD FS HN 214 3 CREDITS  
Prereq: (FS HN 167 OR FS HN 265); (CHEM 231 OR CHEM 331); CONCURRENT ENROLLMENT IN FS HN 115 OR FS HN 215  
3603005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV FOOD PREPAR LAB FS HN 215 2 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN FS HN 214  
2928005 1 TR 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AMER FOOD&CULTURE FS HN 220 3 CREDITS  
0825005 1 MW 1:10-2:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO MFG PLASTICS FS HN 241 2 CREDITS  
0246005 1 M 3:20-4:10  
T 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0246010 2 M 3:20-4:10  
T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0246015 3 M 3:20-4:10  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0246020 4 M 3:20-4:10  
R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0246025 5 M 3:20-4:10  
F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FUND NUTR BIOCHEM FS HN 264 3 CREDITS  
Prereq: FS HN 167; CHEM 163, CHEM 163L; 3 CREDITS IN BIOL  
2969005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NUTRIGENOMICS:IMPCT FS HN 301 1 CREDIT  
0905005 1 TR 2:10-3:00  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

FOOD CHEMISTRY FS HN 311 3 CREDITS  
Prereq: BBMB 300 OR HIGHER; (CHEM 231 OR CHEM 331); ENGL 250  
3669005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

FOOD CHEMISTRY LAB FS HN 311L 1 CREDIT  
3083005 1 T 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3083010 2 R 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROF DEV CUL&FD SCI FS HN 314 1 CREDIT  
Prereq: MAJOR OR MINOR IN CULINARY FOOD SCIENCE  
OR FOOD SCIENCE; JUNIOR CLASSIFICATION PREFERRED  
8446005 1 MW 11:00-11:50  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

PRO SKLS CUL&F SCI FS HN 315 1 CREDIT  
Prereq: MAJOR OR MINOR IN FS HN  
7666005 1 MW 11:00-11:50  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

FOUNDATNS DIETETIC FS HN 340 2 CREDITS  
Prereq: MAJOR IN DIETETICS (A OR H) OR PRE-DIET  
AND EXERCISE; JUNIOR CLASSIFICATION  
Note: COURSE RESTRICTED TO DIETA, DIETH, PDEXA, PDEXH  
JUNIORS AND SENIORS ONLY  
Satisfactory-Fail Only.  
3610005 1 TR 12:10-1:00  
ARRANGED  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

WORLD FOOD ISSUES FS HN 342 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
1923005 1 MWF 11:00-11:50 ANDERSON A  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO AGRON, CUFSA, CUFSH,  
DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA,  
PDEXH MAJORS ONLY  
Course delivery is On-site instruction  
1923010 2 TR 9:30-10:45 ANDREWS S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1923015 3 TR 12:40-1:55 KAW-MENSAH D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1923020 4 ARRANGED ANDREWS S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ADV NUTRI&REG METAB FS HN 360 3 CREDITS  
Prereq: ENGL 250; FS HN 265  
3607005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NUTRI&PREVNT DISEAS FS HN 364 3 CREDITS  
Prereq: (BIOL 256; BIOL 256L) OR ENROLLED IN NRS  
MAJOR  
2976005 1 T 11:00-11:50  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

MED TERMNOL FOR PRO FS HN 367 1 CREDIT  
9487005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SCI&PRACT BREWING FS HN 373X 3 CREDITS  
Prereq: CHEM 167 OR CHEM 177 AND PHYS 221 OR PHYS  
231 OR BIOL 211 OR BIOL 212; OR PERMISSION BY THE  
INSTRUCTOR; 21 YEARS OF AGE FOR ALL STUDENTS.  
0932005 1 T 11:00-12:15  
T 12:40-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0932010 2 T 11:00-12:15  
R 12:40-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SENSORY EVALUA FOOD FS HN 406 3 CREDITS  
Prereq: FS HN 305; FS HN 411; 3 CREDITS IN STAT  
3609005 1 MW 1:10-2:00  
T 2:10-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SAFTY FOOD FROM ANI FS HN 407 3 CREDITS  
Prereq: MICRO 201 OR MICRO 302  
1882005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

FOOD ANALYSIS FS HN 410 3 CREDITS  
Prereq: FS HN 311 OR CHEM 211  
3668005 1 MW 12:05-12:55  
W 2:15-5:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOOD INGREDE INTERAC FS HN 411 2 CREDITS  
Prereq: (FS HN 214 OR FS HN 311); 3 CREDITS IN  
STAT  
3613005 1 M 7:45-8:35  
F 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO DIETA, DIETH, D EXA,  
D EXH, FSHNA, FSHNH, KIN MAJORS ONLY  
Course delivery is On-site instruction  
3613010 2 M 7:45-8:35  
R 9:30-12:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOOD MICROBIOLOGY FS HN 420 3 CREDITS  
Prereq: MICRO 201 OR MICRO 302  
3670005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

U.S.HEALTH SYS&PLCY FS HN 430 2 CREDITS  
Prereq: JUNIOR OR SENIOR OR GRADUATE  
CLASSIFICATION  
0353005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ISSUES FOOD&SOCIETY FS HN 442 2 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
1122005 1 TR 3:40-4:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MED NUTRI&DISEASE I FS HN 461 4 CREDITS  
Prereq: (BIOL 256 OR BIOL 355); FS HN 360;  
FS HN 361; FS HN 367  
Note: COURSE RESTRICTED TO DIETA, DIETH, NS A, NS H  
MAJORS ONLY  
3623005 1 TR 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMMUNITY NUTR&HLTH FS HN 463 3 CREDITS  
Prereq: FS HN 361  
3614005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NUTR COUNS&ED METHD FS HN 466 3 CREDITS  
Prereq: FS HN 361 AND FS HN 362  
3616005 1 MW 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOOD PROCESSING FS HN 471 3 CREDITS  
Prereq: A B E 451 OR CH E 357 OR FS HN 351  
3665005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

IND STUDY DIETETICS FS HN 490A 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FOOD SCI FS HN 490B 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NUTRITION FS HN 490C 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INT'L EXP FS HN 490D 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ENTREPREN FS HN 490E 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

INDEP STUDY HONORS FS HN 490H 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
Note: NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK DIETETICS FS HN 491A 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; PERMISSION OF ADVISOR  
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C MAY BE APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK FOOD SCI FS HN 491B 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; PERMISSION OF ADVISOR  
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C MAY BE APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; PERMISSION OF ADVISOR  
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C MAY BE APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK CULINARY FS HN 491D 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; PERMISSION OF ADVISOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH CNCEPTS NUTRI FS HN 492 2 CREDITS  
Prereq: (FS HN 360; SENIOR CLASSIFICATION) OR PERMISSION OF INSTRUCTOR  
8460005 1 MW 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATV EDUCATION FS HN 498 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
Satisfactory-Fail Only.  
8323005 1 ARRANGED  
MEETS: AUG 21-DEC 15

UNDERGRAD RESEARCH FS HN 499 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SENSORY EVALUA FOOD FS HN 506 3 CREDITS  
Prereq: FS HN 305; FS HN 411; 3 CREDITS IN STAT  
6209005 1 MW 1:10-2:00  
T 2:10-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SAFTY FOOD FROM ANI FS HN 507 3 CREDITS  
Prereq: MICRO 201 OR MICRO 302  
2196005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTEGRATED FOOD SCI FS HN 511 3 CREDITS  
Prereq: 3 CREDITS IN ORGANIC CHEMISTRY  
3606005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCD NUTRITION I FS HN 516 2 CREDITS  
Prereq: ACCEPTANCE IN THE MASTERS OF PROFESSIONAL PRACTICE IN DIETETICS PROGRAM  
4202005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

GUT MICROBIOME:HLTH FS HN 517 3 CREDITS  
Prereq: 2-3 CREDITS IN MICROBIOLOGY AND/OR IMMUNOLOGY  
7644005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOOD MICROBIOLOGY FS HN 524 3 CREDITS  
Prereq: MICROBIOLOGY COURSE WITH LABORATORY; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR  
9119700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G GPIDEA COURSE OFFERED THRU UNL CONTACT GPIDEA COORDINATOR TO ENROLL. AGONLINESERVICES@IASTATE.EDU, 800-747-4478  
Course delivery is On-site instruction  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

PRINCIPLES OF HACCP FS HN 525 2 CREDITS  
Prereq: UNDERGRADUATE BIOLOGY AND CHEMISTRY COURSES; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE CERTIFICATE OR PERMISSION OF INSTRUCTOR  
9442700 F ARRANGED DICKSON J  
MEETS: AUG 21-DEC 15  
Note: SEC F CONTACT GPIDEA COORDINATOR TO ENROLL. IOWASTATEONLINE@IASTATE.EDU OR 800-747-4478.  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

9442705 H ARRANGED DICKSON J  
MEETS: AUG 21-DEC 15  
Note: SEC H CONTACT GPIDEA COORDINATOR TO ENROLL: 800-747-4478 OR IOWASTATEONLINE@IASTATE.EDU  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

U.S.HEALTH SYS&PLCY FS HN 530 2 CREDITS  
Prereq: JUNIOR OR SENIOR OR GRADUATE CLASSIFICATION  
0155005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

DIET&NUTR PRVNT DIS FS HN 533 2 CREDITS  
Prereq: ACCEPTANCE IN THE MASTERS OF PROFESSIONAL PRACTICE IN DIETETICS PROGRAM  
Note: COURSE RESTRICTED TO FSHNA, FSHNH MAJORS ONLY  
0318005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INTR PROTEOMCS TCNQ FS HN 542E 1 CREDIT  
Satisfactory-Fail Only.  
7225005 1 TR 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR METABLMCS TCNQ FS HN 542F 1 CREDIT  
Satisfactory-Fail Only.  
9017005 1 M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMM NUTRITION EXP FS HN 555 3 CREDITS  
Prereq: ACCEPTANCE IN THE MASTER OF PROFESSIONAL PRACTICE IN DIETETICS PROGRAM  
Note: COURSE RESTRICTED TO FSHNA, FSHNH MAJORS ONLY  
3055005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ADV NUTR ASSESSMENT FS HN 562 4 CREDITS  
Prereq: ACCEPTANCE IN THE MASTER OF PROFESSIONAL PRACTICE IN DIETETICS PROGRAM.  
Note: COURSE RESTRICTED TO FSHNA, FSHNH MAJORS ONLY  
0973005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

NUTR COUNS&ED METHD FS HN 566 3 CREDITS  
Prereq: FS HN 361 AND FS HN 362  
2223005 1 MW 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ORIENT FS HN RESRCH FS HN 580 1 CREDIT  
Satisfactory-Fail Only.  
6294005 1 W 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPCL TOPICS NUTRITN FS HN 590A 1- 3 CREDITS  
Prereq: INSTRUCTOR PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FOOD SCI FS HN 590B 1- 3 CREDITS  
Prereq: INSTRUCTOR PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING FS HN 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT FS HN 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV FOOD PROCESSING FS HN 611 3 CREDITS  
Prereq: FS HN 311, OR FS HN 471 OR FS HN 472 OR EQUIVALENT, OR FS HN 511  
5800005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

FOOD&AG TRACEABILITY FS HN 653 3 CREDITS  
 Prereq: ENROLLMENT IN THE IVY EXECUTIVE MBA  
 PROGRAM WITHIN THE IVY COLLEGE OF BUSINESS AT IOWA  
 STATE UNIVERSITY  
 2200005 1 F 8:00-5:00  
 S 8:00-3:00, ARRANGED  
 MEETS: AUG 18-SEPT 20  
 Note: MEETS 8/18, 8/19, 9/18, 9/19, 9/20  
 Course delivery is On-site instruction

SEMINAR FS HN 681 1 CREDIT  
 3648005 1 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SEMINAR REFLECTION FS HN 682 R CREDIT  
 Satisfactory-Fail Only.  
 9178005 1 W 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPECIAL PROBLEMS FS HN 690 VAR. CREDITS  
 Prereq: FS HN 502 OR FS HN 503 OR FS HN 504 OR FS  
 HN 553 OR FS HN 554  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRANT PROPOSAL WRIT FS HN 695 1 CREDIT  
 Prereq: 3 CREDITS OF GRADUATE COURSE WORK IN  
 FOOD SCIENCE AND/OR NUTRITIONAL SCIENCES  
 1274005 1 R 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RESRCH FOOD SCI&TEC FS HN 699 VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## FORESTRY

FOREST BIOLOGY FOR 201 2 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN FOR 202; FOR  
 203; FOR 204; FOR 205; FOR 206  
 Note: COURSE RESTRICTED TO A ECL, FOR MAJORS ONLY  
 Instructor permission required 1st week.  
 3709005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SUSTNBL:WOOD UTILIZ FOR 202 2 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN FOR 201; FOR  
 203; FOR 204; FOR 205; FOR 206  
 Note: COURSE RESTRICTED TO A ECL, FOR MAJORS ONLY  
 Instructor permission required 1st week.  
 3710005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RESOURC MEASUR/EVAL FOR 203 2 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN (FOR 201; FOR  
 202; FOR 204; FOR 205; FOR 206); MATH 140  
 Note: COURSE RESTRICTED TO A ECL, FOR MAJORS ONLY  
 Instructor permission required 1st week.  
 3711005 1 MW 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

F ECOSYS DECISN MAK FOR 204 2 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN FOR 201; FOR  
 202; FOR 203; FOR 205; FOR 206  
 Note: COURSE RESTRICTED TO A ECL, FOR MAJORS ONLY  
 Instructor permission required 1st week.  
 3712005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTEGR FORESTRY LAB FOR 205 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN FOR 201; FOR  
 202; FOR 203; FOR 204; FOR 206  
 Note: COURSE RESTRICTED TO A ECL, FOR MAJORS ONLY  
 Instructor permission required 1st week.  
 9556005 1 R 9:00-12:00  
 R 1:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FALL FORESTRY CAMP FOR 206 4 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN FOR 201; FOR  
 202; FOR 203; FOR 204; FOR 205  
 Note: COURSE RESTRICTED TO A ECL, FOR MAJORS ONLY  
 FORESTRY CAMP WILL BE IN MINNESOTA. SEPT 10-OCT 01.  
 Instructor permission required 1st week.  
 9557005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

## FORESTRY (CONTINUED)

SPL PROB LEADERSHIP FOR 290A 1- 4 CREDITS  
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;  
 PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB ECOSYS MGT FOR 290B 1- 4 CREDITS  
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;  
 PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PRB RESRC CNSRV FOR 290C 1- 4 CREDITS  
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;  
 PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB URB&COMMUN FOR 290D 1- 4 CREDITS  
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;  
 PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB WOOD SCIEN FOR 290E 1- 4 CREDITS  
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;  
 PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DENDROLOGY FOR 356 3 CREDITS  
 Prereq: BIOL 211  
 Note: COURSE RESTRICTED TO A ECL, FOR MAJORS  
 Instructor permission required 1st week.  
 3714010 1 TR 9:30-10:20  
 TR 10:30-11:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3714015 2 TR 12:40-1:30  
 TR 1:40-2:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FOREST INSCT&DISEAS FOR 416 3 CREDITS  
 Prereq: BIOL 211; 4 ADDITIONAL CREDITS IN LIFE  
 SCIENCES  
 3729005 1 TR 12:40-1:55  
 M 1:10-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3729010 2 TR 12:40-1:55  
 M 3:20-5:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

URBAN FORESTRY FOR 475 3 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 3 CREDITS IN BIOL  
 5125005 1 TR 9:55-10:45  
 R 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CR COMP FOR BIOLOGY FOR 599A 1-12 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMETRY FOR 599B 1-12 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR COMP FO&REC ECON FOR 599C 1-12 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGT&ADM FOR 599D 1-12 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR FOR 696 1 CREDIT  
 Satisfactory-Fail Only.  
 8834005 1 W 4:25-5:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RESRCH FOR 699B 1-12 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&ADMIN RSRCH FOR 699D 1-12 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## FORESTRY

(CONTINUED)

RSRCH PLANT PHYSIOL FOR 699F 1-12 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## FRENCH

ELEMENTARY FRENCH I FRNCH 101 4 CREDITS  
 Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS  
 OF HIGH SCHOOL FRENCH MAY NOT ENROLL IN 101.  
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED.

3803005 1 MW 9:55-10:45 TAOUTEL J  
 TR 10:00-10:50 TAOUTEL J  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 3803010 2 MW 11:00-11:50 GOODMAN N  
 TR 11:00-11:50 GOODMAN N  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 3803020 3 MW 1:10-2:00 TAOUTEL J  
 TR 1:10-2:00 TAOUTEL J  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

INTERMED FRENCH I FRNCH 201 4 CREDITS

Prereq: FRNCH 102

Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED

Meets international perspectives reqmt

3808005 1 MTWR 11:00-11:50 TAOUTEL J  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 3808010 2 MTWR 1:10-2:00 GOODMAN N  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

INTMD FR GRAMR&CONV FRNCH 203 4 CREDITS

Prereq: FRNCH 201

0169005 1 MTWR 11:00-11:50 AKBARI A  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

LANG, CLTR, CONTXTS FRNCH 301 3 CREDITS

Prereq: FRNCH 202

Note: Meets international perspectives reqmt

3811005 1 MW 11:00-11:50 WEBER-FEVE S  
 ARRANGED WEBER-FEVE S  
 MEETS: AUG 21-DEC 15

Note: Course delivery is Hybrid (Online and F2F)  
 3811010 2 TR 12:40-2:00 HAYATOU G  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

FRENCH FOR PROFSNLS FRNCH 304 3 CREDITS

Prereq: FRNCH 202

Note: Meets international perspectives reqmt

5887005 1 MW 9:55-10:45 WEBER-FEVE S  
 ARRANGED WEBER-FEVE S  
 MEETS: AUG 21-DEC 15

Note: Course delivery is Hybrid (Online and F2F)

FRCH-SPKNG CULT EXP FRNCH 340 3 CREDITS

Prereq: CREDIT OR CONCURRENT ENROLLMENT IN

FRNCH 302

Note: Meets international perspectives reqmt

2762005 1 TR 9:30-10:45 HAYATOU G  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

FR STU IN ENGL:GNDR FRNCH 370F 3 CREDITS

Note: Meets international perspectives reqmt

6716005 1 MWF 1:10-2:00 SCHAAAL M  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

INDEPENDENT STUDY FRNCH 490 1- 6 CREDITS

Prereq: PERMISSION OF DEPARTMENT CHAIR

Note: NO MORE THAN 9 CREDITS IN FRNCH 490 MAY BE

APPLIED TOWARD GRADUATION

Permission of department chair required.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FRENCH INTERNSHIP FRNCH 499 1- 3 CREDITS

Prereq: 9 CREDITS OF FRNCH AT THE 300-LEVEL;

PERMISSION OF ADVISOR; PERMISSION OF WLC COORDINATOR

Note: CREDIT IN FRNCH 499 MAY ONLY APPLY TOWARD

GRADUATION IN THE LCP MAJOR. NO MORE THAN 3 CREDITS

IN FRNCH 499 MAY BE APPLIED TOWARD GRADUATION IN

THE MAJOR.

Department permission required.

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC FRENCH LIT FRNCH 590A 2- 4 CREDITS

Prereq: INSTRUCTOR PERMISSN; 6 CR 400-LEVEL FRNCH

Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2022

Permission of department chair required.

2380005 SW ARRANGED

MEETS: AUG 21-DEC 15

## GENETICS

GENETICS ORIENTATN GEN 110 1 CREDIT

Note: CREDIT IN ONLY ONE OF GEN 110 OR GEN 112 OR

GEN 112X MAY BE APPLIED TOWARD GRADUATION.

COURSE RESTRICTED TO BC BIO, GEN, GEN S MAJORS ONLY.

3828005 1 T 2:10-3:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

LIFE SCI LRN&EXPLOR GEN 114X 1 CREDIT

Satisfactory-Fail Only.

0923005 1 M 3:20-5:15

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

0923010 2 M 3:20-5:15

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

0923015 3 W 3:20-5:15

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

0923020 4 W 3:20-5:15

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

PRINCIP OF GENETICS GEN 313 3 CREDITS

Prereq: BIOL 211 & BIOL 212L, CREDIT OR

ENROLLMENT IN ORGANIC CHEMISTRY

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE

APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313

AND 313L, GEN/AGRON 320

9559005 1 MWF 12:05-12:55

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9559010 2 ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

GENETICS LABORATORY GEN 313L 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN BIOL 313

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE

APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313

AND 313L, GEN/AGRON 320

9560005 1 MW 8:50-10:10

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9560010 2 MW 10:30-11:50

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9560015 3 MW 10:30-11:50

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9560020 4 MW 1:10-2:30

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9560025 5 MW 1:10-2:30

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9560030 6 MW 3:20-4:40

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9560035 7 TR 9:00-10:15

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9560040 8 TR 11:00-12:15

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9560045 9 TR 1:10-2:25

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9560050 10 TR 3:10-4:25

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9560055 11 TR 11:00-12:15

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9560060 12 TR 1:10-2:25

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

GENET, AGRI&BIOTECHN GEN 320 3 CREDITS

Prereq: BIOL 212

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE

APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313

AND 313L, GEN/AGRON 320

3539005 1 TR 11:00-12:15 SUZA W

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

INTR BIOINFRMTC&CMP GEN 322 3 CREDITS

Prereq: BIOL 212

9773005 1 MWF 9:55-10:45

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction



## GENETICS

(CONTINUED)

HUMAN GENETICS GEN 340 3 CREDITS  
Prereq: BIOL 313 OR GEN 313  
3794005 1 ARRANGED NILSEN-HAMILTON  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

BIOINFRMTCs OF SEQ GEN 401 3 CREDITS  
Prereq: (BCBIO 322; [COM S 127 OR COM S 227];  
[MATH 160 OR MATH 165]; [MATH 166 OR STAT 301];  
[STAT 101 OR STAT 104 OR STAT 330]); OR PERMISSION  
OF INSTRUCTOR  
0492005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MOLECULAR GENETICS GEN 409 3 CREDITS  
Prereq: BIOL 313 OR GEN 313  
3832005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EVOLUTNARY GENETICS GEN 462 3 CREDITS  
Prereq: BIOL 315  
3835005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY GEN 490 1- 5 CREDITS  
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,  
PERMISSION OF INSTRUCTOR  
Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS  
OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEN 491 1 CREDIT  
Prereq: JUNIOR CLASSIFICATION  
3837005 1 W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3837010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

UG TCHG EXPERIENCE GEN 492 1- 2 CREDITS  
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 2 CREDITS OF GEN 492 MAY BE APPLIED  
TOWARD THE GENETICS ADVANCED COURSE REQUIREMENT  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GENETICS GEN 495 1- 3 CREDITS  
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,  
PERMISSION OF INSTRUCTOR  
Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS  
OF 490-499 UNIVERSITY WIDE TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ATTEND&CRITIQ SEMNR GEN 496 1- 3 CREDITS  
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,  
PERMISSION OF INSTRUCTOR  
Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS  
OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GENETICS RESEARCH GEN 499 1- 5 CREDITS  
Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION  
OF INSTRUCTOR  
Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS  
OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GENET RESRCH HONORS GEN 499H 1- 5 CREDITS  
Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION  
OF INSTRUCTOR. MEMBERSHIP IN UNIVERSITY HONORS  
PROGRAM.  
Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS  
OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## GENETICS - INTERDISCIPLINARY

(CONTINUED)

CONCEPTUAL FOUNDA GN GENET 692 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
9315005 1 W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GENET 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**GENETICS, DEVELOPMENT & CELL BIOL**

TRANSMISSN GENETICS GDCB 510 3 CREDITS  
Prereq: GEN 410 OR GRADUATE STANDING  
2908005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVNCs DEVELTL BIOL GDCB 533 3 CREDITS  
Prereq: BIOL 314 OR BIOL 423  
9565005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR PROTEOMCS TCNQ GDCB 542E 1 CREDIT  
Satisfactory-Fail Only.  
7212005 1 TR 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR METABLMCS TCNQ GDCB 542F 1 CREDIT  
Satisfactory-Fail Only.  
9034005 1 M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FUND BIOINFORMATICS GDCB 544 4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
8556005 1 MWF 11:00-11:50  
R 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PLANT MOLEC&DEV BIO GDCB 545 3 CREDITS  
Prereq: BIOL 313, BIOL 314, BIOL 330 OR  
BBMB 405  
2119005 1 TR 9:30-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NEUROSCIENCE ROTATN GDCB 557 2 CREDITS  
Prereq: Instructor permission required 1st week.  
9566005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STRUCT BIOINFRMTCs GDCB 569 3 CREDITS  
0016005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SYSTEMS BIOLOGY GDCB 570 3 CREDITS  
Prereq: BCB 567 OR COM S 311, COM S 228, 208  
GEN 409, EITHER STAT 430, STAT 483, OR STAT 583  
5577005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS GDCB 590 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPCS NEUROSCNC GDCB 661 3 CREDITS  
Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR  
7141005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEMINAR IN GDCB GDCB 690 1 CREDIT  
Satisfactory-Fail Only.  
7142005 1 T 12:40-2:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH SEMINAR GDCB 696 1 CREDIT  
Satisfactory-Fail Only.  
8832005 1 W 4:25-5:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH GDCB 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**GENETICS - INTERDISCIPLINARY**

SPECIAL TOPICS GENET 590 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORKSHp IN GENETICS GENET 591 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FACULT RSRCH SEMINR GENET 691 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
9314005 1 M 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## GEOLOGY

HOW THE EARTH WORKS GEOL 100 3 CREDITS  
3870005 1 MWF 11:00-11:50 CERVATO C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3870010 2 MWF 1:10-2:00 CERVATO C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3870015 3 ARRANGED WOOD A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

HOW EARTH WORKS:LAB GEOL 100L 1 CREDIT  
Prereq: GEOL 100

7595005 1 T 10:00-11:50 WOOD A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7595010 2 T 1:10-3:00 WOOD A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7595015 3 R 1:10-3:00 WOOD A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7595020 4 R 3:10-5:00 WOOD A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7595025 5 ARRANGED WOOD A  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS  
7596005 1 MWF 9:55-10:45 DAWSON J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7596010 2 ARRANGED ABDULLAJINTAKAM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

AGE OF DINOSAURS GEOL 103 1 CREDIT  
9327005 1 ARRANGED WOOD A  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

INTRO OCEANOGRAPHY GEOL 108 3 CREDITS  
5022005 1 TR 2:10-3:25 JOHNSON B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GEOLOGICL DISASTERS GEOL 111 1 CREDIT  
9152005 1 ARRANGED HARDING C  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

GEOSCIENCE ORIENT GEOL 112 1 CREDIT  
6631005 1 M 4:25-5:15 CERVATO C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLIMATE AND SOCIETY GEOL 140 3 CREDITS  
Note: Meets international perspectives reqmt

0601005 1 TR 11:00-12:15 MAUDLIN L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GEOL--ENGRS&ENV SCI GEOL 201 3 CREDITS  
8965005 1 TR 2:10-3:00 BERESNEV I  
W 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8965010 2 TR 2:10-3:00 BERESNEV I  
R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8965015 3 TR 2:10-3:00 BERESNEV I  
T 7:00-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8965020 4 TR 2:10-3:00 BERESNEV I  
T 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8965025 5 TR 2:10-3:00 BERESNEV I  
W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8965030 6 TR 2:10-3:00 BERESNEV I  
W 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8965035 7 TR 2:10-3:00 BERESNEV I  
R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8965040 8 TR 2:10-3:00 BERESNEV I  
T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## GEOLOGY

(CONTINUED)

INDEPENDENT STUDY GEOL 290 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC GEOL 298 R CREDIT  
Prereq: GEOL 100; GEOL 100L; GEOL 102; GEOL 102L;  
GEOL 201; SOPHOMORE CLASSIFICATION

4828005 1 ARRANGED  
MEETS: AUG 21-DEC 15

MINRALGY&EARTH MTRL GEOL 315 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CHEM  
163 OR CHEM 167 OR CHEM 177

9041005 1 MWF 3:20-4:10 DAWSON J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MINERALOGY LAB GEOL 315L 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CHEM  
163 OR CHEM 167 OR CHEM 177

9055005 1 T 2:10-5:00 DAWSON J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

OPTICAL MINERALOGY GEOL 316 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN CHEM  
163 OR CHEM 167 OR CHEM 177

9062005 1 R 2:10-3:00 SPRY P  
R 3:10-5:00 SPRY P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GEO MAPPING&FLD MTH GEOL 357 1 CREDIT  
Prereq: (GEOL 100 OR GEOL 201); PHYS 131; PHYS  
131L

0125005 1 M 12:05-2:55 WOOD A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEDIMENTARY GEOLOGY GEOL 368 4 CREDITS  
Prereq: GEOL 102

3782005 1 MWF 11:00-11:50 WOOD A  
R 9:00-11:50 WOOD A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVE EDUC GEOL 398 R CREDIT  
Prereq: GEOL 100; GEOL 100L; GEOL 102; GEOL 102L;  
GEOL 201; JUNIOR CLASSIFICATION

4829005 1 ARRANGED  
MEETS: AUG 21-DEC 15

WATERSHED HYDROLOGY GEOL 402 3 CREDITS  
4770005 1 MW 11:00-11:50 GUTOWSKI W  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MINERAL RESOURCES GEOL 420 3 CREDITS  
Prereq: GEOL 365

8025005 1 TR 11:00-11:50 SPRY P  
T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STABLE ISOTOPES ENV GEOL 426 3 CREDITS  
6837005 1 TR 9:30-10:45 WANAMAKER A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO GIS GEOSCNTST GEOL 452 3 CREDITS  
3092005 1 MW 3:20-4:10 HARDING C  
MW 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SURFICIAL PROCESSES GEOL 479 3 CREDITS  
8804005 1 MW 9:55-10:45 IVERSON N  
F 12:05-2:55 IVERSON N  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MICROBIAL ECOLOGY GEOL 487 3 CREDITS  
Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM

2191005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SURV REMOTE SNS TEC GEOL 489 3 CREDITS  
9751005 1 MW 9:55-10:45 ZHOU Y  
ZHOU Y  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY GEOL 490 1- 3 CREDITS  
Prereq: 6 CREDITS IN GEOL; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE APPLIED  
TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## GEOLOGY

(CONTINUED)

UNDERGRAD SEMINAR GEOL 495 1 CREDIT  
Prereq: JUNIOR OR SENIOR CLASSIFICATION  
8231005 1 T 4:10-5:25 JOHNSON B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVE EDUCATN GEOL 498 R CREDIT  
Prereq: (GEOL 100 OR GEOL 201); GEOL 100L; GEOL  
102; GEOL 102L; PERMISSION OF DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
4830005 1 ARRANGED FRANZ K  
MEETS: AUG 21-DEC 15

WATERSHED HYDROLOGY GEOL 502 3 CREDITS  
6286005 1 MW 11:00-11:50 GUTOWSKI W  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MIDWST GEO FLD TRIP GEOL 507 1 CREDIT  
Prereq: GEOL 365  
Satisfactory-Fail Only.  
3897005 1 ARRANGED SPRY P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MINERAL RESOURCES GEOL 520 3 CREDITS  
Prereq: GEOL 365  
8043005 1 TR 11:00-11:50 SPRY P  
T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STABLE ISOTOP&ENVIR GEOL 526 3 CREDITS  
6843005 1 TR 9:30-10:45 WANAMAKER A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO GIS GEOSCNTST GEOL 552 3 CREDITS  
3206005 1 MW 3:20-4:10 HARDING C  
MW 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SURFICIAL PROCESSES GEOL 579 3 CREDITS  
8805005 1 MW 9:55-10:45 IVERSON N  
F 12:05-2:55 IVERSON N  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MICROBIAL ECOLOGY GEOL 587 3 CREDITS  
Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
2175005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SURV REMOTE SNS TEC GEOL 589 3 CREDITS  
9754005 1 MW 9:55-10:45 ZHOU Y  
ARRANGED ZHOU Y  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPL TOP SURFIC PROC GEOL 590A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH GEOL 590B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOL 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLGY GEOL 590D 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS PETROLOGY GEOL 590E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOL GEOL 590H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## GEOLOGY

(CONTINUED)

SPL TOP MIN RESOURC GEOL 590J 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP GEOPHYSICS GEOL 590K 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP MINERALOGY GEOL 590L 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TECTONICS GEOL 590M 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP PALEOECO&CLI GEOL 590N 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ISOTP GCHEM GEOL 590O 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTA&GIS GEOL 590P 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SRFC HYDROL GEOL 590R 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCEANOGRPHY GEOL 590S 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR GEOL 595B R CREDIT  
Prereq: SENIOR OR GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
8220005 1 T 4:10-5:25 WILLIAMS I  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CREATIVE COMPONENT GEOL 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SEM EARTH MTRLS GEOL 610A 1- 3 CREDITS  
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
7605005 1 ARRANGED REBER J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEM ECONOM GEOL 610B 1- 3 CREDITS  
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
7609005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEM ENVIR GEOCH GEOL 610C 1- 3 CREDITS  
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
3771005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEM HYDROGEOLOGY GEOL 610F 1- 3 CREDITS  
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
7604005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEM SURFIC PROC GEOL 610G 1- 3 CREDITS  
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
7608005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEM SED&STRATIG GEOL 610H 1- 3 CREDITS  
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
7607005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEM ISOTP GCHEM GEOL 610J 1- 3 CREDITS  
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
6711005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RES SURFICIAL PROC GEOL 699A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRATIGRAPHY GEOL 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEDIMENTATION GEOL 699C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY (CONTINUED)

RESRCH PALEONTOLOGY GEOL 699D VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PETROLOGY GEOL 699E VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES STRUCTURAL GEOL GEOL 699F VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY GEOL 699G VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH HYDROGEOLOGY GEOL 699H VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH EARTH SCIENCE GEOL 699I VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES MINERAL RESOURC GEOL 699J VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS GEOL 699K VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY GEOL 699L VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TECTONICS GEOL 699M VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES PALEOECO&CLIMAT GEOL 699N VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM GEOL 699O VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH CMPUT MTH&GIS GEOL 699P VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES SURFC HYDROLOGY GEOL 699R VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSEARCH GEOSCI EDUC GEOL 699S VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**GERMAN**

ELEMENTARY GERMAN I GER 101 4 CREDITS  
 Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS OF HIGH SCHOOL GERMAN MAY NOT ENROLL IN 101. TESTOUT NOT AVAILABLE IF ALSO REGISTERED.

3949005 1 MTWR 9:55-10:45 MORGAN B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3949010 2 MTWR 11:00-11:50 MORGAN B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3949015 3 MTWR 1:10-2:00 MARTIN B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTERMED GERMAN I GER 201 4 CREDITS  
 Prereq: GER 102  
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
 Meets international perspectives reqmt

3953005 1 MW 9:55-10:45 MARTIN B  
 TR 10:00-10:50 MARTIN B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3953010 2 MTWR 11:00-11:50 MARTIN B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

READING GER 301 3 CREDITS  
 Prereq: GER 202  
 Note: Meets international perspectives reqmt

3955005 1 MWF 9:55-10:45 PRESEAU L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GERMAN FOR PROFESNL GER 304 3 CREDITS  
 Prereq: GER 202  
 Note: Meets international perspectives reqmt

3754005 1 MWF 11:00-11:50 PRESEAU L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GERMAN LIT & CULTURE GER 330 3 CREDITS  
 Prereq: GER 301 OR PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN SIX CREDITS OF GER 330 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR  
 Meets international perspectives reqmt

8742005 1 TR 12:40-1:55 CARTER W  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GERMAN (CONTINUED)

HOLOCAUST TEXT,IMAG GER 371 3- 4 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Meets international perspectives reqmt

3764005 1 ARRANGED CARTER W  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 OFFERED FOR 3 CREDITS  
 Course delivery is WWW

3764010 2 ARRANGED CARTER W  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 OFFERED FOR 4 CREDITS. RESTRICTED TO WLC MAJORS ONLY  
 Course delivery is WWW

GER FILM&MEDIA STDI GER 378 3- 4 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Meets international perspectives reqmt

7143005 1 TR 2:10-3:30 MORGAN B  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 OFFERED FOR 3 CREDITS FALL 2023  
 Course delivery is On-site instruction

7143010 2 TR 2:10-3:30, ARRANGED MORGAN B  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 OFFERED FOR 4 CREDITS. RESTRICTED TO WLC MAJORS ONLY  
 Course delivery is On-site instruction

INDEPENDENT STUDY GER 490 1- 6 CREDITS  
 Prereq: 6 CR IN GER; PERMISSION OF DEPARTMENT CHAIR  
 Note: NO MORE THAN 9 CREDITS OF GER 490 MAY BE APPLIED TOWARD GRADUATION  
 Permission of department chair required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP IN GERMAN GER 499 1- 3 CREDITS  
 Prereq: 9 CREDITS IN GER AT THE 300-LEVEL;  
 PERMISSION OF ADVISOR; PERMISSION OF WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR  
 Note: NO MORE THAN 3 CREDITS OF GER 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR  
 Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**GERONTOLOGY**

DEATH PART OF LIVNG GERON 373 3 CREDITS  
 8516005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

AGING & THE FAMILY GERON 377 3 CREDITS  
 7865005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Syllabus: <http://www.hs.iastate.edu/online/>

GERONTL PREPRAC SEM GERON 466 1 CREDIT  
 Prereq: 9 CR IN CORE COURSES FOR THE GERON MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR

7869005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS  
 Prereq: GERON 466, ADVANCE RESERVATION  
 Satisfactory-Fail Only.

7870005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

SEMNR:GERONTECHNLGY GERON 501J 3 CREDITS  
 0795700 F ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

0795705 H ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Tuition Category: GPIDEA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

0795005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

SMNR:SPIRITLY&AGING GERON 501M 3 CREDITS  
 0305700 G ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC G RESTRICTED TO GPIDEA STUDENTS.  
 EMAIL GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT.  
 Course delivery is WWW  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

GERONTOLOGY

(CONTINUED)

GLOBAL RESOURCE SYSTEMS

(CONTINUED)

ADULT DEVELOPMENT GERON 534 3 CREDITS  
 2631700 G ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC G RESTRICTED TO GPIDEA STUDENTS.  
 EMAIL GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL  
 ENROLLMENT.  
 Tuition Category: GPIDEA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

ECON,PUB POLCY&AGIN GERON 545 3 CREDITS  
 8324700 G ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL  
 GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
 Tuition Category: GPIDEA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

DSGN FOR ALL PEOPLE GERON 571 3 CREDITS  
 4717005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AGING IN FAMLY SETT GERON 577 3 CREDITS  
 9006700 G ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC G RESTRICTED TO GPIDEA STUDENTS.  
 EMAIL GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL  
 ENROLLMENT.  
 Course delivery is On-site instruction  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

SPECIAL TOPICS GERON 590 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP GERON 591 1- 9 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT GERON 599 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GERON 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**GLOBAL RESOURCE SYSTEMS**

ORIENTATION GLOBE 110 1 CREDIT  
 6606005 1 R 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GEOG GLBL RSRCE SYS GLOBE 120 3 CREDITS  
 4186005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTR GLOB RSRCE SYS GLOBE 201 3 CREDITS  
 6635005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ISSU GLBL RSRCE SYS GLOBE 211 1 CREDIT  
 Note: NO MORE THAN 4 CREDITS OF GLOBE 211 MAY BE  
 APPLIED TOWARD DEGREE REQUIREMENTS  
 Satisfactory-Fail Only.  
 6651005 1 R 3:40-4:55, ARRANGED  
 MEETS: AUG 21-OCT 27  
 Note: SEC 1 RESTRICTED TO GLOBE, AN S, DY S MAJORS.  
 SECTION 1 TOPIC: FEEDING THE WORLD - ARE WE MAKING  
 PROGRESS"  
 Course delivery is On-site instruction

6651010 2 T 11:00-12:15  
 ARRANGED  
 MEETS: AUG 21-OCT 27  
 Note: SECTION 2 TOPIC: GLOBAL EMERGENCY PREPAREDNESS.  
 NOTE: THIS SECTION HAS A \$160 COURSE FEE AND ONE  
 WEEKEND COMMITMENT FOR THE COMPLETION OF CPR  
 CERTIFICATION  
 Course delivery is On-site instruction

6651015 3 ARRANGED  
 MEETS: AUG 21-OCT 27  
 Note: SECTION 3 TOPIC: CAREER PLANNING AND NETWORKING  
 INSTRUCTOR PERMISSION REQUIRED TO ENROLL. CATHERINE  
 SWOBODA, CSWOBODA@IASTATE.EDU, 515-294-6462  
 Instructor permission required.  
 Course delivery is WWW

GLOBAL SUSTAINABLT GLOBE 220 3 CREDITS  
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220  
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT  
 TOWARD ANY ENGINEERING COLLEGE DEGREE  
 Meets international perspectives reqmt  
 3906005 1 ARRANGED HALLAM A  
 MEETS: SEPT 5-DEC 15  
 Note: Course delivery is WWW

APPRENTICESHIP GLOBE 221 R CREDIT  
 Prereq: APPROVAL BY THE GLOBAL RESOURCE SYSTEMS  
 FACULTY COORDINATOR  
 Satisfactory-Fail Only.  
 6652005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDEPENDENT STUDY GLOBE 290 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY  
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS GLOBE 290H 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY  
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR,  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY  
 HONORS PROGRAM ONLY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AG&GLB NAT RSRCE SYS GLOBE 303 3 CREDITS  
 Prereq: GLOBE 201 AND ECON 101 OR ECON 102 OR  
 PERMISSION OF INSTRUCTOR  
 6146005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO GLOBE MAJORS ONLY  
 Course delivery is On-site instruction

6146010 2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GLB SYS INTERN PREP GLOBE 320 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: SEC 1 RESTRICTED TO STUDENTS IN THE GLOBAL  
 RESOURCE SYSTEMS PROGRAM. PLEASE CONTACT CATHERIN  
 SWOBODA; CSWOBODA@IASTATE.EDU, 515-294-6462  
 5201005 1 ARRANGED SWOBODA C  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required.  
 Course delivery is WWW

INTERNSHIP - GLOBAL GLOBE 321 3- 6 CREDITS  
 Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN  
 GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF  
 INSTRUCTOR AND APPROVAL BY THE GLOBAL RESOURCE  
 SYSTEMS FACULTY COORDINATOR  
 Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND  
 GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS.  
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2022.  
 Meets international perspectives reqmt  
 8676005 1 W 4:25-5:15, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTERNSHIP - U.S. GLOBE 322 3- 6 CREDITS  
 Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN  
 GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF  
 INSTRUCTOR AND APPROVAL BY THE GLOBAL RESOURCE  
 SYSTEMS FACULTY COORDINATOR  
 Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND  
 GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS  
 8684005 1 W 4:25-5:15, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GLOBAL HEALTH GLOBE 360 3 CREDITS  
 Prereq: BIOL 211  
 Note: Meets international perspectives reqmt  
 0525005 1 TR 4:10-5:25 DAVIS R  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

COOPERATIVE EDUCATN GLOBE 398 R CREDIT  
 Prereq: PERMISSION OF FACULTY COORDINATOR FOR THE  
 MAJOR, COMPLETION OF COOPERATIVE EDUCATION APPROVAL  
 FORM, REGISTRATION IN GLOBE 398X PRIOR TO COMMENCING  
 WORK PERIOD  
 Satisfactory-Fail Only.  
 9743005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

SENIOR PROJECT GLOBE 401 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION IN GLOBE  
 6799005 1 MW 3:20-4:10, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SENIOR PROJ HONORS GLOBE 401H 3 CREDITS  
 8914005 1 MW 3:20-4:10, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ENGR ANALY BIOL SYS GLOBE 480 3 CREDITS  
 Prereq: A B E 380 OR PERMISSION OF INSTRUCTOR  
 0617005 1 MW 7:45-8:35  
 F 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## GLOBAL RESOURCE SYSTEMS (CONTINUED)

INDEPENDENT STUDY GLOBE 490A 1- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE  
APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR GLOBE 490E 1- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 9 CREDITS OF ALL (UNIVERSITY-WIDE)  
490 COURSES MAY BE USED FOR DEGREE REQUIREMENTS  
8687005 1 ARRANGED  
MEETS: AUG 21-DEC 15

INDEP STUDY HONORS GLOBE 490H 1- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE  
APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS  
6817005 1 ARRANGED  
MEETS: AUG 21-DEC 15

IND STDY SERVE LRN GLOBE 490Z 1- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE  
APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS.  
COURSE ONLY OFFERED FOR 1 CREDIT FALL 2022.  
6823005 UG ARRANGED  
W 5:30-6:50PM  
MEETS: AUG 21-DEC 15  
Note: SEC UG POST-TRAVEL FOR UGANDA

GLBL RSRC SYS WKSHP GLOBE 493 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
0473005 1 F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SERVICE LEARN INT'L GLOBE 494A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
3581005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SERV LRNG DOMESTIC GLOBE 494B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3604005 VI ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.

SVC LRNG U.S.DVRSTY GLOBE 494C 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
9775005 VI ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

GLBL RSRC STU ABROD GLOBE 496 2- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
8846005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 TOPIC: SOILS, AGRICULTURE & THE  
ENVIRONMENT OF URUGUAY. OFFERED FOR 2-3 CREDITS  
Course delivery is On-site instruction  
8846010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 TOPIC: SOILS, CROPS, & WATER OF COSTA RICA.  
OFFERED FOR 2-3 CREDITS  
Course delivery is On-site instruction

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS  
6903005 1 ARRANGED  
MEETS: AUG 21-DEC 15

## GRADUATE STUDIES

PREP PUB THSIS CHPT GR ST 536 3 CREDITS  
0513005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

ENGL TEACH(INT-LOW) GR ST 540A 3 CREDITS  
Prereq: NO MORE THAN ONE SECTION OF GR ST 540 MAY  
BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL  
Note: GR ST 540A DOES NOT APPLY TOWARD GRADUATION  
FOR TEACHING ASSISTANTS. GET ADD APPROVED THROUGH  
THE CENTER FOR COMMUNICATION EXCELLENCE,  
1137 PEARSON HALL.  
Satisfactory-Fail Only.  
2288005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is WWW

## GRADUATE STUDIES (CONTINUED)

ENGL TEACH(INT-MID) GR ST 540B 3 CREDITS  
Prereq: NO MORE THAN ONE SECTION OF GR ST 540 MAY  
BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL  
Note: GR ST 540B DOES NOT APPLY TOWARD GRADUATION  
FOR TEACHING ASSISTANTS. GET ADD APPROVED THROUGH  
THE CENTER FOR COMMUNICATION EXCELLENCE,  
1137 PEARSON HALL.  
Satisfactory-Fail Only.  
2295005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGL TEACH(ADVNCED) GR ST 540D 3 CREDITS  
Prereq: NO MORE THAN ONE SECTION OF GR ST 540 MAY  
BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL  
Note: GR ST 540D DOES NOT APPLY TOWARD GRADUATION  
FOR TEACHING ASSISTANTS. GET ADD APPROVED THROUGH  
THE CENTER FOR COMMUNICATION EXCELLENCE,  
1137 PEARSON HALL.  
Satisfactory-Fail Only.  
2348005 1 MW 3:20-4:40  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction  
2348010 2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction  
2348015 3 MW 5:30-6:45PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RSPBL RSRCH CONDUCT GR ST 565 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
7866005 1 F 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7866010 2 R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
7866015 3 R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMMUNICATNS IN SCI GR ST 566 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR  
PERMISSION REQUIRED  
Note: PERMISSION OF INSTRUCTOR  
3822005 1 T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

PREP FUTR FACLT SEM GR ST 585 2 CREDITS  
Prereq: ONE YEAR OF GRADUATE COURSE WORK;  
ADMISSION INTO PFF PROGRAM VIA CENTER FOR EXCELLENCE  
IN LEARNING AND TEACHING (CELT)  
8114005 1 T 6:30-8:30PM  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is Hybrid (Online and F2F)

PREP FAC TCHG PRACT GR ST 587 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,  
CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586  
7679005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.

PREP FTR FAC SPL TP GR ST 588 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8341005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 IS TAR  
8341010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 IS PFF  
8341015 3 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 3 IS CIRTL

DOC PRELIM REGISTRA GR ST 680 R CREDIT  
Prereq: PERMISSION REQUIRED FROM GRADUATE COLLEGE  
Note: SEE GRADUATE COLLEGE HANDBOOK FOR REQUIREMENTS.  
THE SIGNATURE THAT IS REQUIRED IS THAT OF THE  
GRADUATE COLLEGE, 1137 PEARSON.  
College permission required.  
Satisfactory-Fail Only.  
7349005 1 ARRANGED  
MEETS: AUG 21-DEC 15

REQD REG:DOC CONTIN GR ST 681A 1 CREDIT  
Prereq: MUST HAVE TAKEN AND PASSED PRELIMINARY  
ORAL EXAM  
Note: THIS COURSE CANNOT BE USED TOWARD GRADUATION.  
Satisfactory-Fail Only.  
8116005 1 ARRANGED  
MEETS: AUG 21-DEC 15

GRADUATE STUDIES

(CONTINUED)

REQD REG:FINAL EXAM GR ST 681B 1 CREDIT  
 Prereq: MUST HAVE COMPLETED ALL NECESSARY PROGRAM REQUIREMENTS TO TAKE FINAL EXAM, INCLUDING SUBMITTED APPLICATION FOR GRADUATION.  
 Note: CREDIT IN GR ST 681B MAY NOT BE APPLIED TOWARD GRADUATION.  
 Satisfactory-Fail Only.  
 8117005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

REQD REG:GRAD ASST GR ST 681C 1 CREDIT  
 Prereq: MUST BE APPOINTED TO A GRADUATE ASSISTANTSHIP.  
 Note: THIS COURSE CANNOT BE USED TOWARD GRADUATION.  
 Satisfactory-Fail Only.  
 8122005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

PRACTICAL TRAINING GR ST 697 R CREDIT  
 Note: THE REQUIRED APPROVAL SIGNATURE SHOULD BE OBTAINED IN 1137 PEARSON HALL  
 6905005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: College permission required.

**GRAPHIC DESIGN**

GRAPH DSGN STUDIO I ARTGR 270 3 CREDITS  
 Prereq: DSN S 102, DSN S 131/ADMISSION TO THE GRAPHIC DESIGN PROGRAM THROUGH DEPARTMENT REVIEW  
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.  
 1785005 1 TR 11:00-2:00 MARTINCIC M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1785010 2 TR 11:00-2:00 KANG S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1785015 3 TR 11:00-2:00 CANNIFFE B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1785020 4 TR 11:00-2:00 FONTAINE L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1785025 5 TR 11:00-2:00 SCOTT C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DG PHOTO FOR GR DSN ARTGR 272 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR ARTGR 271  
 Note: RESTRICTED TO ARTGR MAJORS ONLY  
 9179005 1 M 2:15-5:05 MCDERMOTT H  
 F 8:50-11:50 MCDERMOTT H  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9179010 2 W 2:15-5:05  
 F 8:50-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9179015 3 T 8:00-10:50  
 F 8:50-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9179020 4 T 2:10-5:00  
 F 8:50-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9179025 5 R 2:10-5:00  
 F 8:50-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TYPOGRAPHY I ARTGR 273 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 270  
 Note: RESTRICTED TO ARTGR MAJORS ONLY  
 0062005 1 MW 11:00-2:00 FINLEY J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0062010 2 MW 11:00-2:00 QUAM A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0062015 3 MW 11:00-2:00 CANNIFFE B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

0062020 4 MW 11:00-2:00 KULAKOWSKI C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0062025 5 MW 11:00-2:00 OLSEN B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GRAPHIC DSN STDO III ARTGR 370 3 CREDITS  
 Prereq: ARTGR 271, ARTGR 276, AND CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 387  
 Note: COURSE RESTRICTED TO ARTGR MAJORS  
 Instructor permission required 1st week.  
 1819005 1 TR 8:00-10:50 SCOTT C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1819010 2 TR 8:00-10:50 FINLEY J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1819015 3 TR 8:00-10:50  
 MEETS: AUG 21-DEC 15

GRAPHIC DESIGN

(CONTINUED)

GRAPHIC DSN STDO III ARTGR 370 3 CREDITS  
 Note: Course delivery is On-site instruction  
 1819020 4 TR 8:00-10:50  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction  
 1819025 5 TR 8:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GRPH DSN INTERN SEM ARTGR 377 1 CREDIT  
 Prereq: JUNIOR STANDING WITHIN THE GRAPHIC DESIGN PROGRAM  
 Note: COURSE RESTRICTED TO ARTGR MAJORS  
 Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 7537005 1 ARRANGED FOSTER A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

GR DSN HIST,THY,C I ARTGR 387 3 CREDITS  
 Note: Meets international perspectives reqmt  
 1833005 1 MWF 9:55-10:45 RICE T  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3D MOTION GRAPHICS ARTGR 463 3 CREDITS  
 Prereq: JUNIOR OR SENIOR STANDING IN THE GRAPHIC DESIGN PROGRAM  
 9814005 1 TR 11:00-2:00 CALL A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GRAPH DSGN STUDIO V ARTGR 470 3 CREDITS  
 Prereq: ARTGR 371  
 Note: COURSE RESTRICTED TO ARTGR MAJORS  
 Instructor permission required 1st week.  
 1854005 1 MW 7:45-10:35 FINLEY J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1854010 2 MW 7:45-10:35 KANG S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1854015 3 MW 7:45-10:35 FONTAINE L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXHIBITION DESIGN ARTGR 474 3 CREDITS  
 Prereq: JUNIOR OR SENIOR STANDING IN THE GRAPHIC DESIGN PROGRAM  
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY  
 1868005 1 MW 2:15-5:05 FONTAINE L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADVANCED TYPOGRAPHY ARTGR 475 3 CREDITS  
 Prereq: JUNIOR OR SENIOR STANDING IN THE GRAPHIC DESIGN PROGRAM  
 Note: COURSE RESTRICTED TO ARTGR MAJORS  
 1888005 1 TR 2:10-5:00 QUAM A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GRAPH DSN PRACTICUM ARTGR 477 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371 OR ARTGR 470  
 7886005 1 TR 2:10-5:00 KULAKOWSKI C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PROFESSNL PRESNTATN ARTGR 482 3 CREDITS  
 Prereq: JUNIOR OR SENIOR WITHIN THE GRAPHIC DESIGN PROGRAM  
 Note: COURSE TOPIC: PROFESSIONAL PRESENTATION  
 1929005 1 MW 2:15-5:05 KULAKOWSKI C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

STUDIES IN GRPH DSN ARTGR 484 1- 3 CREDITS  
 Prereq: JUNIOR OR SENIOR STANDING IN THE GRAPHIC DESIGN PROGRAM  
 Note: TOPICS NOT TO BE REPEATED. COURSE ONLY OFFERED FOR 3 CREDITS FALL 2022. COURSE RESTRICTED TO GRADS ONLY  
 Instructor permission required 1st week.  
 8261005 1 MW 2:15-5:05 KANG S  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 TOPIC: PACKAGING  
 Course delivery is On-site instruction

8261010 2 TR 2:10-5:00 CALL A  
 MEETS: AUG 21-DEC 15  
 Note: TOPIC SEC 2: 3D MODELING & AUGMENTED  
 Course delivery is On-site instruction

8261015 3 TR 2:10-5:00 MARTINCIC M  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 TOPIC: ILLUSTRATION  
 Course delivery is On-site instruction

8261020 4 MW 2:15-5:05 SCOTT C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8261025 5 TR 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8261030 6 MW 2:15-5:05 OLSEN B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## GRAPHIC DESIGN

(CONTINUED)

DESIGN ETHICS ARTGR 489 3 CREDITS  
Prereq: JUNIOR/SENIOR CLASSIFICATION  
0680005 1 TR 9:00-9:50 ARRANGED RICE T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

IND ST THEORY, CRIT ARTGR 490A 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 2-D DESGN ARTGR 490B 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 3-D DESGN ARTGR 490C 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTGR 490H 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT,  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU COOP, INTERN ARTGR 490I 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

GRPH DSGN FIELD STU ARTGR 497 1 CREDIT  
Prereq: ACCEPTANCE TO THE UNDERGRADUATE OR  
GRADUATE PROGRAMS IN GRAPHIC DESIGN  
Satisfactory-Fail Only.  
8803005 1 ARRANGED BRUSKI P  
MEETS: AUG 21-DEC 15

GRAPHIC DSGN THEORY ARTGR 510 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION IN COLLEGE  
OF DESIGN OR PERMISSION OF INSTRUCTOR  
5947005 1 R 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GR DSGN GRAD STO I ARTGR 511 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION IN COLLEGE  
OF DESIGN OR PERMISSION OF INSTRUCTOR  
6006005 1 MW 11:00-2:00 BRAIDWOOD A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AUDIENCE & PERCEPTN ARTGR 512 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION IN COLLEGE  
OF DESIGN OR PERMISSION OF INSTRUCTOR  
6038005 1 TR 8:00-10:50 CANNIFFE B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

USER ENGAGEMENT ARTGR 530 3 CREDITS  
Prereq: GRADUATE ENROLLMENT IN THE GRAPHIC DESIGN  
PROGRAM OR GRADUATE ENROLLMENT IN COLLEGE OF DESIGN  
OR PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
4072005 1 MW 7:45-10:45 BRUSKI P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

3D MOTION GRAPHICS ARTGR 563 3 CREDITS  
Prereq: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN  
2148005 1 TR 11:00-2:00 CALL A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EXHIBITION DESIGN ARTGR 574 3 CREDITS  
Prereq: GRADUATE ENROLLMENT IN COLLEGE OF  
DESIGN  
2047005 1 MW 2:15-5:05 FONTAINE L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED TYPOGRAPHY ARTGR 575 3 CREDITS  
Prereq: GRADUATE ENROLLMENT IN COLLEGE OF  
DESIGN  
2113005 1 TR 2:10-5:00 QUAM A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STUDIES IN GRPH DSN ARTGR 584 1- 3 CREDITS  
Prereq: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN  
Note: TOPICS NOT TO BE REPEATED. COURSE ONLY OFFERED  
FOR 3 CREDITS FALL 2022. COURSE RESTRICTED TO GRADS  
ONLY  
Instructor permission required 1st week.  
8262005 1 MW 2:15-5:05 KANG S  
MEETS: AUG 21-DEC 15  
Note: SEC 1 TOPIC: PACKAGING  
Course delivery is On-site instruction  
8262010 2 TR 2:10-5:00 CALL A  
MEETS: AUG 21-DEC 15  
Note: TOPIC SEC 2: 3D MODELING & AUGMENTED  
Course delivery is On-site instruction

## GRAPHIC DESIGN

(CONTINUED)

STUDIES IN GRPH DSN ARTGR 584 1- 3 CREDITS  
8262015 3 TR 2:10-5:00 MARTINCIC M  
MEETS: AUG 21-DEC 15  
Note: SEC 3 TOPIC: ILLUSTRATION  
Course delivery is On-site instruction  
8262020 4 MW 2:15-5:05 BRUSKI P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8262025 5 TR 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8262030 6 MW 2:15-5:05 OLSEN B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GRPH DSN HIST/THY I ARTGR 587 3 CREDITS  
Prereq: GRAD CLASSIFICATION  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
Meets international perspectives reqmt  
Instructor permission required 1st week.  
7561005 1 MWF 9:55-10:45 RICE T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DESIGN AND ETHICS ARTGR 589 3 CREDITS  
Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION  
4955005 1 ARRANGED RICE T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPL TOPCS THRY, CRIT ARTGR 590A VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR  
EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED  
AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 2-DIMEN DSN ARTGR 590B VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR  
EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED  
AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT.  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 3-DIMEN DSN ARTGR 590C VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR  
EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED  
AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT.  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ARTGR 599 VAR. CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

GRAD THESIS STO I ARTGR 620 3 CREDITS  
Prereq: ARTGR 610  
0065005 1 MW 2:15-5:05 BRAIDWOOD A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED TOPICS ARTGR 690 VAR. CREDITS  
Prereq: MFA CLASSIFICATION, INSTRUCTOR PERMISSION  
Note: RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - THESIS ARTGR 699 VAR. CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## HEALTH STUDIES

1ST AID & EMERG CARE H S 105 2 CREDITS  
Note: SEC A1,B1 ETC. RESTRICTED TO KIN H, A TR, P ATR  
4081005 A1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4081010 A2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4081015 B1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4081020 B2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4081025 C1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4081030 C2 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction



## HEALTH STUDIES

(CONTINUED)

PERS & CONSUMER HLTH H S 110 3 CREDITS  
 Note: SEC A1,B1 ETC. RESTRICTED TO A TR, P ATR, PDEXA, PDEXH, KIN H  
 SEC A2,B2 ECT. FOR THAN A TR, P ATR, PDEXA, PDEXH, KIN H

4082005 A1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4082010 A2 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4082015 B1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4082020 B2 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4082025 C1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4082030 C2 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4082035 D1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

4082040 D2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

4082045 E1 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4082050 E2 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HEALTH ED ELEM SCHL H S 275 3 CREDITS  
 Prereq: HD FS 102 OR HD FS 226  
 Note: CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Instructor permission required 1st week.

4084005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRE-INTERN KIN&HLTH H S 285 1-2 CREDITS  
 Prereq: KINESIOLOGY AND HEALTH MAJOR; CREDIT OR CONCURRENT ENROLLMENT IN KIN 258; PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.

2051005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Department permission required.

INSTR'S 1ST AID&CPR H S 305 2 CREDITS  
 Prereq: H S 105, CURRENT STANDARD FIRST AID AND COMMUNITY CPR CERTIFICATION

4086005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY  
 Course delivery is On-site instruction

4086010 2 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEXH  
 Course delivery is On-site instruction

COMMUN&PUBLC HEALTH H S 310 3 CREDITS  
 Prereq: H S 110

4087005 A1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC A1 RESTRICTED TO KIN H JUNIORS AND SENIORS  
 Course delivery is On-site instruction

4087010 A2 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC A2 RESTRICTED TO YR 3 & 4  
 Course delivery is On-site instruction

HUMAN DISEASES H S 350 3 CREDITS  
 Prereq: BIOL 255; BIOL 256; H S 110

4088005 A1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC A1 RESTRICTED TO KIN H, D EXA, D EXH, PDEXA, PDEXH, A TR, P ATR JUNIORS AND SENIORS  
 Course delivery is On-site instruction

4088010 A2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC A2 RESTRICTED TO YR 3 & 4  
 Course delivery is On-site instruction

TEACH-LEARN HLTH ED H S 375 3 CREDITS  
 Prereq: H S 105; H S 110  
 Note: CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Instructor permission required 1st week.

4089005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## HEALTH STUDIES

(CONTINUED)

INTERNSH SRCH STRAT H S 385 .5 CREDIT  
 Prereq: JUNIOR CLASSIFICATION  
 Note: COURSE RESTRICTED TO A TR, DEX A, DEX H, KIN, KIN H, PDEXA, PDEXH JUNIORS AND ABOVE  
 Satisfactory-Fail Only.

3789005 1 R 2:10-3:00, ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is Hybrid (Online and F2F)

3789010 2 F 1:10-2:00, ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is Hybrid (Online and F2F)

SUPV TCHG HLTH,SCDY H S 417A 16 CREDITS  
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM

9508005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

TEACH HLTH SEC,ADDL H S 417B VAR. CREDITS  
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM

9507005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

COMM HLTH PROG DEV H S 430 3 CREDITS  
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, KIN H, P ATR JUNIORS AND SENIORS

4093005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PHY ACTVY EPIDEMIO H S 464 3 CREDITS  
 Prereq: (H S 350 OR KIN 358); (STAT 101 OR STAT 104 OR STAT 226)

9726005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTERNSHP HLTH STDI H S 485 8-12 CREDITS  
 Prereq: SENIOR CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN:PUBLIC HEALTH H S 485A 8-12 CREDITS  
 Prereq: KIN MAJOR; C- OR BETTER IN (KIN 358; KIN 359; KIN 366; H S 310; H S 350; H S 430); CUMULATIVE GPA 2.0; PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.

4408005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.

INTERN:ACTV&H PROMO H S 485B 8-12 CREDITS  
 Prereq: KIN MAJOR; C- OR BETTER IN (KIN 358; KIN 359; KIN 366; KIN 458; KIN 467; H S 350); CUMULATIVE GPA 2.0; PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.

4411005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.

INDEPENDENT STUDY H S 490 1-3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY H S 490H 1-3 CREDITS  
 Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PHY ACTVY EPIDEMIO H S 564 3 CREDITS  
 Prereq: (H S 350 OR KIN 358); (STAT 101 OR STAT 104 OR STAT 226)

9727005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

**HEALTHCARE MANAGEMENT**

INTR US HLTHCR IND HCM 301 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION; ENGL 150  
 Note: COURSE RESTRICTED TO UNDERGRADS SOPH & ABOVE

0754005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

## HEALTHCARE MANAGEMENT (CONTINUED)

ECON FOR HLTHCR MGR HCM 302 3 CREDITS  
Prereq: ECON 101; ECON 102  
Note: COURSE RESTRICTED TO UNDERGRADS SOPH &  
ABOVE  
0756005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HLTHCR QUALITY MGMT HCM 303 3 CREDITS  
Prereq: SCM 301; CREDIT OR CONCURRENT ENROLLMENT  
IN HCM 301  
Note: COURSE RESTRICTED TO UNDERGRADS SOPH &  
ABOVE  
0757005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERNSHIP IN HCM HCM 391X 3 CREDITS  
Prereq: AT LEAST 12 HOURS OF HCM COURSEWORK WITH  
A CUMULATIVE HCM-SPECIFIC GPA OF 2.0 OR BETTER  
3894005 1 ARRANGED GRAY N  
MEETS: AUG 21-DEC 15  
Note: College permission required - go to  
1200 Gerdin.

COOPERATIVE EDUC HCM 398X R CREDIT  
Prereq: AT LEAST 12 HOURS OF HCM COURSEWORK WITH  
A CUMULATIVE HCM-SPECIFIC GPA OF 2.0 OR BETTER.  
Satisfactory-Fail Only.  
3965005 1 ARRANGED GRAY N  
MEETS: AUG 21-DEC 15  
Note: College permission required - go to  
1200 Gerdin.

LAW&REGULATORY ENV HCM 402 3 CREDITS  
Prereq: ACCT 215; PHIL 230; CREDIT OR CONCURRENT  
ENROLLMENT IN HCM 301  
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS  
STUDENTS JR & ABOVE  
3285005 1 MW 2:15-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HEALTHCARE INFO SYS HCM 403 3 CREDITS  
Prereq: MIS 301; CREDIT OR CONCURRENT ENROLLMENT  
IN HCM 301  
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS  
STUDENTS JR & ABOVE  
3823005 1 MW 3:45-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDNT STUDY HCM HCM 490X 3 CREDITS  
Prereq: AT LEAST 12 HOURS OF HCM COURSEWORK WITH  
A CUMULATIVE HCM-SPECIFIC GPA OF 2.0 OR BETTER  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV COST-EFF ANALYS HCM 504X 3 CREDITS  
Prereq: GRADUATE STATUS  
3967005 1 W 6:00-9:20PM  
MEETS: AUG 28-NOV 17  
Note: Course delivery is On-site instruction

## HIGHER EDUCATION

HIST U.S. HIGHER ED HG ED 504 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
4111005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

INTRO HG EDUC IN US HG ED 552 3 CREDITS  
0706005 1 ARRANGED  
MEETS: AUG 21-OCT 13  
Note: Course delivery is WWW

COLLEGE TEACHING HG ED 561 3 CREDITS  
Prereq: 6 GRADUATE CREDITS  
4112005 1 W 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EQUITY, DVRS STU AFF HG ED 573 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
6531005 1 T 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6531010 2 T 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STUDENT AFFAIRS PRAC HG ED 574 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION, ADMISSION TO  
HIGHER EDUCATION PROGRAM  
Note: COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR  
PERMISSION ONLY  
4116005 1 M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## HIGHER EDUCATION (CONTINUED)

ORG&ADM STUD AFFAIR HG ED 575 3 CREDITS  
Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM,  
HG ED 574  
Note: COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR  
PERMISSION ONLY  
4117005 1 M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STUDENT DEVELOPMENT HG ED 576 3 CREDITS  
Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM  
Note: COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR  
PERMISSION ONLY  
4118005 1 ARRANGED  
MEETS: AUG 21-OCT 13  
Note: Course delivery is WWW

STUDENTS U.S. HG ED HG ED 578 3 CREDITS  
Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM  
Note: COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR  
PERMISSION ONLY  
7348005 1 T 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMPRE COMM COLLEGE HG ED 582 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
4115005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

SPL TOP STDT SERVIC HG ED 590A 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN COLL HG ED 590B 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CURRENT ISS HG ED 590C 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTNL HG ED HG ED 590D 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP FED&STAT AFF HG ED 590E 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED HG ED 590F 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES HG ED 590G 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN HG ED 591 1- 4 CREDITS  
Prereq: 9 CREDITS GRADUATE WORK  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HG ED 599 VAR. CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM RESEARCH DESGNS HG ED 615H 1- 4 CREDITS  
Note: COURSE OFFERED FOR 3 CREDITS  
4145005 1 T 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ACAD ISSUES&CULTURS HG ED 666 3 CREDITS  
Note: COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR  
PERMISSION ONLY  
7319005 1 W 5:30-8:30PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMM COL LDSHP&CHNG HG ED 667 3 CREDITS  
Prereq: ADMISSION TO ED.D. EMPHASIS IN COMMUNITY  
COLLEGE LEADERSHIP  
0782005 1 ARRANGED  
MEETS: AUG 21-OCT 13  
Note: Course delivery is Hybrid (Online and F2F)

ADV SPECIAL TOPICS HG ED 690 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HG ED 699 VAR. CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## HISTORY

INTRO WESTERN CIV I HIST 201 3 CREDITS  
 Note: Meets international perspectives reqmt  
 4150005 1 TR 9:30-10:45 GRIFFITHS P  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4150010 2 ARRANGED HOLLANDER D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 4150015 3 MWF 11:00-11:50  
 R 9:30-10:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4150020 4 MWF 11:00-11:50  
 R 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4150025 5 MWF 11:00-11:50  
 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4150030 6 MWF 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SURVEY U.S. HIST I HIST 221 3 CREDITS  
 4155005 1 TR 11:00-12:15 HILLIARD K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4155010 2 ARRANGED COURTWRIGHT J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 4155015 3 MW 1:10-2:00 BREMER J  
 R 9:30-10:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4155020 4 MW 1:10-2:00 BREMER J  
 R 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4155025 5 MW 1:10-2:00 BREMER J  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4155030 6 MW 1:10-2:00 BREMER J  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WONDRS WLD GLB INNV HIST 284 3 CREDITS  
 Note: Meets international perspectives reqmt  
 4163005 1 TR 12:40-1:55 BIX A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HISTORIANS TOOLBOX HIST 301 3 CREDITS  
 Prereq: HISTORY MAJOR; SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO HIST MAJORS SOPH & ABOVE.  
 0166005 1 MWF 9:55-10:45 CORDERY S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0166010 2 M 1:10-4:00 COURTWRIGHT J  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO HIST MAJORS AT SOPHOMORE CLASSIFICATION & ABOVE  
 Note: Course delivery is On-site instruction  
 0166015 3 R 1:10-4:00 HILLIARD K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AFRICA TO 1880 HIST 310 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPH & ABOVE  
 Meets international perspectives reqmt  
 0335005 1 TR 8:00-9:15 ADELEKE R  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HIST BRITISH EMPIRE HIST 327 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPH & ABOVE  
 Meets international perspectives reqmt  
 4422005 1 T 3:40-4:55 SCHNEIDER W  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

HIS CHINA 1644-1912 HIST 336 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPH & ABOVE  
 Meets international perspectives reqmt  
 4171005 1 TR 2:10-3:25 WANG T  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## HISTORY

(CONTINUED)

HIST LATIN AMERIC I HIST 340 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 4174005 1 TR 12:40-1:55 HERNANDEZ B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HIST AFRICN AMER II HIST 354 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Meets U.S. diversity reqmt  
 8746005 1 MWF 1:10-2:00 BEHNKEN B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AMERICAN EATS HIST 367 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 6065005 1 MWF 8:50-9:40 RINEY-KEHRBERG P  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SX,CLTR ANC MEDITRR HIST 374 3 CREDITS  
 Note: Meets international perspectives reqmt  
 2236005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EUR SCI&CULT 1715ON HIST 383 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Meets international perspectives reqmt  
 1279005 1 MWF 12:05-12:55 ANDREWS J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AMERI MILITARY HIST HIST 389 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Meets international perspectives reqmt  
 Instructor permission required 1st week.  
 4189005 1 MWF 2:15-3:05 KEHRBERG R  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ROMAN CIVILIZATION HIST 403 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 4193005 1 MW 3:20-4:35 HOLLANDER D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EARLY MEDVL TRNSFRM HIST 405 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 4194005 1 MWF 8:50-9:40 HILL K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HIST MODERN FRANCE HIST 419 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPH & ABOVE  
 4035005 1 TR 2:10-3:25 MONROE J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FRANCE: 1715-1815 HIST 420 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 7629005 1 TR 11:00-12:15 MONROE J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RUSSIA TO 1850 HIST 421 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Meets international perspectives reqmt  
 4204005 1 MWF 2:15-3:05 ANDREWS J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

REBELLN&RV LTN AMER HIST 442 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Meets international perspectives reqmt  
 1206005 1 TR 9:30-10:45 HERNANDEZ B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GILDD AGE 1877-1900 HIST 449 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 0090005 1 MWF 12:05-12:55 CORDERY S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## HISTORY

(CONTINUED)

EARLY AMER REPUBLIC HIST 454 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPH & ABOVE  
4216005 1 TR 12:40-1:55 MCDONNELL L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

U.S. HIST 1900-1945 HIST 458 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
4219005 1 MWF 11:00-11:50 RINEY-KEHRBERG P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THE AMERICAN SOUTH HIST 461 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
8908005 1 TR 2:10-3:25 MCDONNELL L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EXPERC III:HIST/SOC HIST 480A 2 CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
Note: COURSE RESTRICTED TO HIST, POL S MAJORS  
WITH FULL ADMISSION TO THE UNIVERSITY EDUCATOR PREP  
PROGRAM. CURRENT ENROLLMENT IN EDUC 498. STUDENTS  
MUST BE HAVE 2.5 DAYS AVAILABLE FOR FIELD EXPERIENCE.  
8693005 1 ARRANGED  
MEETS: AUG 21-DEC 15

BIRTH,DEATH,MED,DIS HIST 482 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
4232005 1 TR 11:00-12:15 BIX A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY HIST 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.  
NO MORE THAN 6 CREDITS OF HIST 490 MAY BE APPLIED  
TOWARD GRADUATION WITH A MAJOR IN HISTORY. NO CREDITS  
OF HIST 490 MAY BE APPLIED TOWARD A MINOR IN HISTORY.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HISTRIQ&RESRCH WRT HIST 495 3 CREDITS  
Prereq: HIST MAJOR; HIST 301; 9 OR MORE  
ADDITIONAL CREDITS OF 300- OR 400-LEVEL HIST  
Note: COURSE RESTRICTED TO HIST SENIORS ONLY  
4238005 1 T 9:30-12:20 WANG T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4238010 2 R 1:10-4:00 GRIFFITHS P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MTHDS TCHG HIST/SOC HIST 498 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN HIST 480A;  
ADMISSION TO EDUCATOR PREPARATION PROGRAM  
Note: RESTRICTED TO HIST, POL S MAJORS WITH FULL  
OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER  
EDUCATION PROGRAM  
7032005 1 M 6:10-9:00PM BREMER J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RDGS SEMN ANCNT EUR HIST 512A 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
4243005 1 ARRANGED HOLLANDER D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RDGS SEM MEDIEV EUR HIST 512B 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
4244005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

READGS SMNR MOD EUR HIST 512C 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
4245005 1 ARRANGED MONROE J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS HIST 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM COLONIAL AMERIC HIST 593A 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
4271005 1 ARRANGED MCDONNELL L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## HISTORY

(CONTINUED)

SEM 19TH CENTU AMER HIST 593B 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
4272005 1 ARRANGED CORDERY S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEM 20TH CENTU AMER HIST 593C 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
4273005 1 ARRANGED RINEY-KEHRBERG P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MTHDS TCHG HIST/SOC HIST 598 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN HIST 480A;  
ADMISSION TO EDUCATOR PREPARATION PROGRAM  
0821005 1 M 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CREATIVE COMPONENT HIST 599 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HIST 699 1- 6 CREDITS  
\*\*\*\*\* Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## HONORS

1ST-YR HON PRGM SEM HON 121 1 CREDIT  
Prereq: MEMBERSHIP IN THE FIRST-YEAR HONORS  
PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS  
ENTERING ISU Summer 2022 OR FALL 2022  
Satisfactory-Fail Only.

4623015 A1 MW 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623020 A2 MW 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623025 A3 MW 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623030 B1 MW 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623035 B2 MW 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623040 B3 MW 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623045 C1 MW 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623050 C2 MW 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623055 C3 MW 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623060 D1 MW 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623065 D2 MW 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623070 D3 MW 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623075 E1 MW 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623080 E2 MW 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623085 E3 MW 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623090 F1 MW 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623095 F2 MW 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623100 F3 MW 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623105 G1 TR 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623110 G2 TR 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623115 G3 TR 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623120 H1 TR 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623125 H2 TR 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4623130 H3 TR 11:00-11:50  
MEETS: AUG 21-DEC 15

HONORS

(CONTINUED)

1ST-YR HON PRGM SEM HON 121 1 CREDIT  
 Note: Course delivery is On-site instruction  
 4623135 J1 TR 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623140 J2 TR 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623145 J3 TR 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623150 K1 TR 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623155 K2 TR 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623160 K3 TR 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623165 L1 TR 3:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623170 L2 TR 3:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623175 L3 TR 3:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623180 M1 MW 4:25-5:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623185 M2 MW 4:25-5:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623190 M3 MW 4:25-5:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4623195 N1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPL PRB HONORS RESR HON 290U VAR. CREDITS  
 Prereq: MEMBERSHIP IN THE UNIVERSITY HONORS  
 PROGRAM; PERMISSION OF THE UNIVERSITY HONORS PROGRAM  
 DIRECTOR  
 Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY  
 HONORS PROGRAM  
 Satisfactory-Fail Only.  
 4044005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

HON LDRSHP DVLPMNT HON 302 2 CREDITS  
 Prereq: PERMISSION OF THE DIRECTOR FOR FIRST-YEAR  
 HONORS PROGRAM  
 Note: 2-PART COURSE. STUDENTS NOT REGISTERED FOR BOTH  
 PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE  
 DUE TO INCOMPLETE REGISTRATION. RESTRICTED TO MEMBERS  
 OF THE UNIVERSITY HONORS PROGRAM.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HON 490 VAR. CREDITS  
 Prereq: MEMBERSHIP IN THE UNIVERSITY HONORS  
 PROGRAM; PERMISSION OF THE UNIVERSITY HONORS PROGRAM  
 DIRECTOR  
 Note: FOR MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HORTICULTURE**

PRO&EDUCATNL DEVELP HORT 110 1 CREDIT  
 4291005 1 T 1:10-2:00 CLAWSON B  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO HORT MAJORS ONLY  
 Course delivery is On-site instruction  
 4291010 2 ARRANGED CLAWSON B  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 IS FOR HORT TRANSFER STUDENTS ONLY  
 Course delivery is On-site instruction

HOME HORTICULTURE HORT 121 3 CREDITS  
 Note: HORT JUNIORS & SENIORS WHO WISH TO REGISTER  
 FOR THIS CLASS MUST OBTAIN ADVANCE APPROVAL FROM  
 THE INSTRUCTOR  
 4292005 1 MW 3:20-4:10 HAYNES C  
 M 8:50-9:40 HAYNES C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4292010 2 MW 3:20-4:10 HAYNES C  
 M 11:00-11:50 HAYNES C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4292015 3 MW 3:20-4:10 HAYNES C  
 M 1:10-2:00 HAYNES C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HORTICULTURE

(CONTINUED)

FLORAL DESIGN HORT 131 2 CREDITS  
 9661005 1 W 4:25-5:15 BRABEC D  
 W 5:30-7:20PM BRABEC D  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO HORT MAJORS ONLY  
 Course delivery is On-site instruction  
 9661010 2 W 4:25-5:15 BRABEC D  
 W 5:30-7:20PM BRABEC D  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 FOR MAJORS OTHER THAN HORT  
 Course delivery is On-site instruction  
 9661015 3 W 4:25-5:15 BRABEC D  
 R 12:10-2:00 BRABEC D  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO HORT MAJORS ONLY  
 Course delivery is On-site instruction  
 9661020 4 W 4:25-5:15 BRABEC D  
 R 12:10-2:00 BRABEC D  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 FOR MAJORS OTHER THAN HORT  
 Course delivery is On-site instruction  
 9661025 5 W 4:25-5:15 BRABEC D  
 R 5:10-7:00PM BRABEC D  
 MEETS: AUG 21-DEC 15  
 Note: SEC 5 RESTRICTED TO HORT MAJORS ONLY  
 Course delivery is On-site instruction  
 9661030 6 W 4:25-5:15 BRABEC D  
 R 5:10-7:00PM BRABEC D  
 MEETS: AUG 21-DEC 15  
 Note: SEC 6 FOR MAJORS OTHER THAN HORT  
 Course delivery is On-site instruction

WEDDING&EVNT FLORAL HORT 132 2 CREDITS  
 Prereq: HORT 131  
 0656005 1 W 9:55-10:45 BRABEC D  
 W 11:00-12:50 BRABEC D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0656010 2 W 9:55-10:45 BRABEC D  
 F 9:55-11:45 BRABEC D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRIN HORTICULTR SCI HORT 221 3 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
 BIOL 211  
 4296005 1 MW 9:55-10:45 ARORA R  
 T 2:10-4:00 DUERFELDT K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4296010 2 MW 9:55-10:45 ARORA R  
 R 2:10-4:00 DUERFELDT K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HOUSE PLANT INTSCAP HORT 233 2 CREDITS  
 0657005 1 R 2:10-3:00 BRABEC D  
 R 3:10-5:00 BRABEC D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

LANDSCP TREES,SHRUB HORT 240 3 CREDITS  
 6183005 1 MW 1:10-2:00 ILES J  
 W 2:15-5:05 ILES J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

LANDSCAPE GRAPHICS HORT 281 2 CREDITS  
 9233005 1 WF 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 9233010 2 WF 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRO DEV:TURF COMPET HORT 291A 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: ONLY ONE CREDIT OF HORT 291A, 291B OR 291C  
 MAY BE APPLIED TOWARD HORTICULTURE CREDITS FOR  
 GRADUATION. NO MORE THAN FOUR CREDITS OF ANY  
 COMBINATION OF HORT 291A, 291B OR 291C MAY BE APPLIED  
 TOWARD CREDITS FOR GRADUATION.  
 Satisfactory-Fail Only.  
 8699005 1 M 11:00-12:50 THOMS A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRO DEV:CROSS-CMMOD HORT 291C 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: ONLY ONE CREDIT OF HORT 291A, 291B OR 291C  
 MAY BE APPLIED TOWARD HORTICULTURE CREDITS FOR  
 GRADUATION. NO MORE THAN FOUR CREDITS OF ANY  
 COMBINATION OF HORT 291A, 291B OR 291C MAY BE APPLIED  
 TOWARD CREDITS FOR GRADUATION.  
 Satisfactory-Fail Only.  
 8700001 1 ARRANGED CLAWSON B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## HORTICULTURE

(CONTINUED)

HORTICUL PHYSIOLOGY HORT 321 3 CREDITS  
Prereq: BIOL 211 OR HORT 221  
6421005 1 TR 8:00-9:20 ARORA R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HERBA ORNMTL PLANTS HORT 330 3 CREDITS  
Prereq: HORT 221 OR PERMISSION OF INSTRUCTOR  
4436005 1 TR 11:00-11:50 HAYNES C  
T 2:10-4:00 HAYNES C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4436010 2 TR 11:00-11:50 HAYNES C  
R 2:10-4:00 HAYNES C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HYDROPONC CROP PROD HORT 331 2 CREDITS  
Prereq: AGRON 181 OR HORT 221 OR 3 CREDITS  
IN BIOLOGICAL SCIENCES  
5344005 1 MW 12:05-12:55 CURREY C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEED SCIENCE&TECHNL HORT 338 3 CREDITS  
Prereq: (AGRON 181 OR HORT 221); 3 CREDITS OF  
BIOL  
7262005 1 TR 9:30-10:45 GOGGI A  
R 2:10-5:00 GOGGI A  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO SEEDS MAJORS ONLY  
Course delivery is On-site instruction  
7262010 2 TR 9:30-10:45 GOGGI A  
R 2:10-5:00 GOGGI A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TURFGRASS ESTAB&MGT HORT 351 3 CREDITS  
Prereq: AGRON 181 OR BIOL 211 OR HORT 221  
4309005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4309010 2 ARRANGED CHRISTIANS N  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

TURFGR ESTB&MGT LAB HORT 351L 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
HORT 351  
4310005 1 M 2:15-5:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOILS & PLANT GROWTH HORT 354 3 CREDITS  
Prereq: AGRON 182; 3 CREDITS OF BIOL  
8494015 1 MWF 1:10-2:00 MCDANIEL M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOIL&PLANT GRWTH LB HORT 354L 1 CREDIT  
Prereq: AGRON OR HORT MAJOR; CREDIT OR CONCURRENT  
ENROLLMENT IN AGRON 354  
8496005 1 T 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8496010 2 R 11:00-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8496015 3 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8496020 4 R 11:00-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FUND FLD PRD FD CRP HORT 376 3 CREDITS  
Prereq: AGRON 181 OR HORT 221  
8283005 1 TR 12:40-1:55 NAIR A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HORT MGT EXPERIENCE HORT 391 1 CREDIT  
Prereq: HORT 221; DEPARTMENT PERMISSION  
Note: NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED  
TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMENTS.  
2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED  
TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HORT 398 R CREDIT  
Prereq: DEPARTMENT PERMISSION  
Satisfactory-Fail Only.  
3652005 1 ARRANGED CLAWSON B  
MEETS: AUG 21-DEC 15

## HORTICULTURE

(CONTINUED)

INTRO PLANT BREEDNG HORT 421 3 CREDITS  
Prereq: BIOL 313 OR GEN 320  
6158005 1 TR 8:00-9:15 SALAS-FERNANDEZ  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FLORICULTURE CROP HORT 434 3 CREDITS  
Prereq: HORT 332  
Note: COURSE IS RESTRICTED TO HORT MAJORS ONLY.  
6657005 1 MW 1:10-2:00 CURREY C  
M 2:15-5:00 CURREY C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6657010 2 MW 1:10-2:00 CURREY C  
M 8:50-11:50 CURREY C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LANDSCP CONSTRU MGT HORT 444 3 CREDITS  
1037005 1 TR 11:00-12:15  
T 12:40-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TURF&LANDSCP IRRIGTN HORT 454 3 CREDITS  
Prereq: HORT 221, HORT 351 OR 342, MATH 140 OR  
150  
4852005 1 T 3:40-6:30PM THOMS A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

URBAN FORESTRY HORT 475 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
3 CREDITS IN BIOL  
5130005 1 TR 9:55-10:45  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

POSTHARVEST TECHNOL HORT 476 3 CREDITS  
Prereq: HORT 221  
0049005 1 MW 12:05-12:55 SLACK S  
W 1:10-4:10 SLACK S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV GARDEN COMPSITN HORT 481 2 CREDITS  
Prereq: HORT 240; HORT 330; HORT 380; HORT 381  
Note: RESTRICTED TO HORT MAJORS - FOR HORT DESIGN  
OPTION MAJORS ONLY. OTHERS BY PERMISSION OF  
INSTRUCTOR.  
7236005 1 MW 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

IND ST GREENHS CROP HORT 490A VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
HORT; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED  
FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY NURS CROPS HORT 490B VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
HORT; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED  
FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY TURFGRASS HORT 490C VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
HORT; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED  
FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
HORT; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED  
FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY VEG CROPS HORT 490E VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
HORT; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED  
FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## HORTICULTURE

(CONTINUED)

IND STU CROSS-COMMO HORT 490F VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
HORT; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED  
FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
HORT; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED  
FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
HORT; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED  
FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY  
HONORS STUDENTS.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR HORT 490J VAR. CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
HORT; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED  
FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP HORT 491 1- 2 CREDITS  
Prereq: AGRON 338; PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
9370005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SERVC LEARN DOMESTC HORT 494B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF HORT 494 MAY BE  
APPLIED TOWARD THE HORTICULTURE CREDITS REQUIRED FOR  
GRADUATION  
3163005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DOMESTC TRAVEL HORT HORT 497X 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
2767005 1 T 5:40-7:30PM HAYNES C  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CROP GENETICS HORT 506 3 CREDITS  
Prereq: AGRON 114 OR HORT 221, MATH 140,  
CHEM 163 AND BIOL 101  
9704005 1 ARRANGED FEI S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

RESEARCH ORIENTATN HORT 530 2 CREDITS  
2306005 1 T 3:10-5:00 CURREY C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR PROTEOMCS TCNQ HORT 542E 1 CREDIT  
Satisfactory-Fail Only.  
3168005 1 TR 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR METABLMCS TCNQ HORT 542F 1 CREDIT  
Satisfactory-Fail Only.  
9024005 1 M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEED PHYSIOLOGY HORT 543 2 CREDITS  
Prereq: ADMISSION TO THE GRADUATE STB PROGRAM OR  
APPROVAL OF THE INSTRUCTOR  
6261005 1 ARRANGED GOGGI A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

POSTHARVEST TECHNOL HORT 576 3 CREDITS  
Prereq: HORT 221  
0050005 1 MW 12:05-12:55 SLACK S  
W 1:10-4:10 SLACK S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## HORTICULTURE

(CONTINUED)

SPECIAL TOPICS HORT 590 VAR. CREDITS  
Prereq: A MAJOR OR MINOR IN HORTICULTURE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HORT 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR HORT 610 1 CREDIT  
Satisfactory-Fail Only.  
4346005 1 M 4:25-5:15 ILES J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED TOPICS HORT 690 VAR. CREDITS  
4348005 1 ARRANGED  
MEETS: AUG 21-DEC 15

RESEARCH SEMINAR HORT 696 1 CREDIT  
Satisfactory-Fail Only.  
8833005 1 W 4:25-5:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RSRCH GREENHSE CROP HORT 699A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH NURSERY CROPS HORT 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TURFGRASS HORT 699C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH FRUIT CROPS HORT 699D VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH VEG CROPS HORT 699E VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH CROSS-COMMODT HORT 699F VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH LANDSCAP HORT HORT 699G VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HOSPITALITY MANAGEMENT**

INTRO HOSPITLY INDUS HSP M 101 3 CREDITS  
7306005 1 MW 2:15-3:05, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOOD SAFETY CERT HSP M 133 1 CREDIT  
Satisfactory-Fail Only.  
0086005 1 MW 3:20-4:10  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

0086010 2 TR 2:15-3:05  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

CASINO MANAGEMENT I HSP M 201 3 CREDITS  
3973005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

HOSP SANITAT&SAFETY HSP M 233 3 CREDITS  
Note: CREDIT FOR EITHER HSP M 392, OR HSP M 233 AND  
HSP M 333 MAY BE APPLIED TOWARD GRADUATION  
4435005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO SEN LIV MGMT HSP M 248 3 CREDITS  
0411005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

GLOBAL TOURISM MGT HSP M 260 3 CREDITS  
Note: Meets international perspectives reqmt  
6738005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

NON-ALCOHLC&CAFE OP HSP M 280 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT OR CREDIT IN HSP M  
133  
0087005 1 M 8:50-10:45, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HSPTLTY REVENUE MGT HSP M 301 3 CREDITS  
0350005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

## HOSPITALITY MANAGEMENT (CONTINUED)

AMUSEMNT PARK ADMIN HSP M 320 3 CREDITS  
Prereq: HSP M 101 OR PERMISSION OF INSTRUCTOR  
9570005 1 MW 2:15-3:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HSPTLTY COST CONTRL HSP M 333 3 CREDITS  
Prereq: CREDIT OR ENR IN HSP M 380, HSP M 380L;  
3 CREDITS IN MATH AND HSP M 230  
Note: CREDIT FOR EITHER HSP M 392, OR HSP M 233  
AND HSP M 333 MAY BE APPLIED TOWARD GRADUATION  
5747005 A1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: SEC 1A RESTRICTED TO HSP M MAJORS ONLY  
Course delivery is On-site instruction  
5747010 A2 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO CUFSA, CUFSH,  
DIETH, EVENT MAJORS ONLY  
Course delivery is On-site instruction

HONORS HSP COST CTL HSP M 333H 3 CREDITS  
Prereq: CREDIT OR ENR IN HSP M 380, HSP M 380L;  
3 CREDITS IN MATH; MEMBERSHIP IN THE UNIVERSITY  
HONORS PROGRAM  
8225005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LODGING OPER MGT I HSP M 352 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN HSP M 101  
9578005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOOD PRODUCTION MGT HSP M 380 3 CREDITS  
Prereq: HSP M 133 OR 2 CREDITS IN MICRO;  
FS HN 111 OR FS HN 214; FS HN 115 OR FS HN 215;  
JUNIOR CLASSIFICATION; ENROLLMENT IN HSP M 380L  
4358005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOOD PROD MGT EXPER HSP M 380L 3 CREDITS  
Prereq: HSP M 133 OR 2 CREDITS IN MICRO;  
FS HN 111 OR FS HN 214; FS HN 115 OR FS HN 215;  
JUNIOR CLASSIFICATION; ENROLLMENT IN HSP M 380  
4359005 1 TR 10:00-1:00  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4359010 2 WF 9:55-12:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WINE&SPIRITS HSP M HSP M 383 2 CREDITS  
Prereq: MUST BE AT LEAST 21 YEARS OLD  
Note: SEC A1,B1 RESTRICTED TO HSP M, CUFSA,  
EVENT, CUFSH MAJORS ONLY. SEC A2,B2  
RESTRICTED TO MAJORS OTHER THAN HSP M, CUFSA,  
CUFSH, EVENT  
4108005 A1 R 3:40-5:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4108010 A2 R 3:40-5:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4108015 B1 T 3:40-5:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4108020 B2 T 3:40-5:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WINE&SPIRIT&MIX LAB HSP M 383L 2 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
HSP M 383. MUST BE AT LEAST 21 YEARS OLD.  
8018005 1 ARRANGED, F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HSP MGMT BEER&BREW HSP M 385 1 CREDIT  
Prereq: MUST BE 21 YEARS OLD.  
0103005 1 W 4:40-6:30PM  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

SUPV PROFESS INTERN HSP M 470 3 CREDITS  
Prereq: AESHM 270, AESHM 211, 9 CREDITS IN HSP M,  
MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR  
OR SENIOR CLASSIFICATION; EMPLOYER AND LOCATION MUST  
BE DIFFERENT THAN THOSE USED FOR AESHM 170 AND 270.  
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270  
AND HSP M 470 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## HOSPITALITY MANAGEMENT (CONTINUED)

FINE DINING MGMT HSP M 487 3 CREDITS  
Prereq: HSP M 380, HSP M 380L, AND HSP M 133, OR  
SERVSAFE(R) CERTIFICATION  
Note: THE TIME ONLY MEETS 6 TIMES PER SEMESTER.  
ADDITIONAL PREP TIMES REQUIRED ON THE WEEKS OF  
FINE DINING DINNERS. CANNOT ENROLL IN BOTH  
HSP M 487 AND EVENT 471 IN THE SAME SEMESTER  
Meets international perspectives reqmt  
Instructor permission required 1st week.  
1025005 1 W 2:15-5:05  
W 5:30-9:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

IND ST HOSPLITY MGT HSP M 490B VAR. CREDITS  
Prereq: PROGRAM APPROVAL  
Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290  
AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HSP M 490D VAR. CREDITS  
Prereq: PROGRAM APPROVAL  
Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290  
AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU FOODSRVC OP HSP M 490E VAR. CREDITS  
Prereq: PROGRAM APPROVAL  
Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290  
AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HSP M 490H VAR. CREDITS  
Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN  
HONORS PROGRAM  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY. NO MORE THAN 9 TOTAL CREDITS  
OF HSP M 290 AND HSP M 490 MAY BE APPLIED TOWARD  
GRADUATION.  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

HOSPLTY MGT SCHOLAR HSP M 505 1- 3 CREDITS  
3423005 1 TR 11:00-12:15  
MEETS: AUG 22-SEPT 15  
Note: Course delivery is On-site instruction  
3423010 2 TR 11:00-12:15  
MEETS: SEPT 18-OCT 27  
Note: Course delivery is Hybrid (Online and F2F)  
3423015 3 TR 11:00-12:15  
MEETS: OCT 30-DEC 8  
Note: Course delivery is Hybrid (Online and F2F)

HR DEVEL IN HSPTLTY HSP M 538 3 CREDITS  
Prereq: AESHM 238  
5977005 1 T 6:00-8:00PM  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

FINE DINING MGMT HSP M 587 3 CREDITS  
Prereq: HSP M 380, HSP M 380L, AND HSP M 133, OR  
SERVSAFE(R) CERTIFICATION  
Note: THE TIME ONLY MEETS 6 TIMES PER SEMESTER.  
ADDITIONAL PREP TIMES REQUIRED ON THE WEEKS OF  
FINE DINING DINNERS. CANNOT ENROLL IN BOTH  
HSP M 587 AND EVENT 471 IN THE SAME SEMESTER  
Meets international perspectives reqmt  
Instructor permission required.  
4391005 1 W 2:15-5:05  
W 5:30-9:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SP TOP HSPTLTY MGT HSP M 590B VAR. CREDITS  
Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND  
SUBMISSION OF APPLICATION TO DEPARTMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SP TOP LODGING OPER HSP M 590D VAR. CREDITS  
Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND  
SUBMISSION OF APPLICATION TO DEPARTMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CMMRC FDSRV HSP M 590E VAR. CREDITS  
Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND  
SUBMISSION OF APPLICATION TO DEPARTMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS



## HOSPITALITY MANAGEMENT (CONTINUED)

CREATIVE COMPONENT HSP M 599 VAR. CREDITS  
 \*\*\*\*\* Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM MKRTG THOUGHTS HSP M 640 3 CREDITS  
 Prereq: HSP M 540; STAT 401; ENROLLMENT IN PH.D.  
 PROGRAM  
 5331005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

ADV TOP HSPTLTY MGT HSP M 690B VAR. CREDITS  
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION  
 OF APPLICATION TO DEPARTMENT  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS TOURISM HSP M 690C VAR. CREDITS  
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION  
 OF APPLICATION TO DEPARTMENT  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC LODGING HSP M 690D VAR. CREDITS  
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION  
 OF APPLICATION TO DEPARTMENT  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HSP M 699 VAR. CREDITS  
 Prereq: ENROLLMENT IN PH.D. PROGRAM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HUMAN COMPUTER INTERACTION**

Eval DgTL LRN ENVIR HCI 504 3 CREDITS  
 Prereq: EDUC 501  
 1781005 1 R 5:10-7:30PM  
 MEETS: AUG 21-DEC 15  
 Note: Department permission required.  
 Course delivery is WWW

COGNI PSY HUMN&CPTR HCI 521 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR  
 PERMISSION  
 1875005 1 TR 9:30-10:45 KELLY J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1875010 2 ARRANGED KELLY J  
 MEETS: AUG 21-DEC 15  
 Note: FOR PERMISSION TO REGISTER, CONTACT: TIFFANY  
 KAYSER, TLKAYSER@IASTATE.EDU  
 Course delivery is On-site instruction  
 Course delivery is WWW

MTHDS INTRDCPL RSCH HCI 579X 3 CREDITS  
 Prereq: SENIOR OR GRADUATE CLASSIFICATION  
 4542005 1 TR 12:40-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4542010 2 TR 12:40-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

DESIGN AND ETHICS HCI 589 3 CREDITS  
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION  
 4956005 1 ARRANGED RICE T  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

SPECIAL TOPICS HCI 590 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HCI EMERGNP PRACTCS HCI 596 3 CREDITS  
 Prereq: HCI 521  
 3340005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

CREATIVE COMPONENT HCI 599 3 CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HCI INTERNSHIP HCI 697 R CREDIT  
 Prereq: GRAD CLASSIFICATION, PERMISSION OF  
 DIRECTOR OF GRADUATE EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HCI 699 VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HUMAN DEVELOPMENT & FAMILY STUDIES**

HUMAN DEVELOPMENT HD FS 102 3 CREDITS  
 3491005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Syllabus: <http://www.hs.iastate.edu/online/>  
 3491010 2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Syllabus: <http://www.hs.iastate.edu/online/>  
 3491015 3 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT HD FS 102 3 CREDITS  
 3491020 4 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

LRN CMUNTY ORIENTAT HD FS 110 1 CREDIT  
 Prereq: MEMBERSHIP IN HD FS LEARNING COMMUNITY  
 Note: COURSE RESTRICTED TO HD FS, ECE, FCEDS, F C P  
 FRESHMEN  
 5975005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5975010 2 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5975015 3 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

NEW TRNSFR STU SMNR HD FS 111 1 CREDIT  
 Prereq: CLASSIFICATION AS A CH FS, FCEDS OR  
 F C P MAJOR  
 Note: COURSE RESTRICTED TO CH FS, ECE, F C P, FCEDS  
 MAJORS  
 Satisfactory-Fail Only.  
 7003005 1 M 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRSNL FIN ERLY ADLT HD FS 183 1 CREDIT  
 Satisfactory-Fail Only.  
 7594005 1 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW  
 7594010 2 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW

ECE TEACHER ORIENTN HD FS 208 1 CREDIT  
 Prereq: EARLY CHILDHOOD EDUCATION MAJOR  
 Satisfactory-Fail Only.  
 4389005 1 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRO ORIENT&SRVC LRN HD FS 218 2 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
 HD FS 102; MAJOR IN HUMAN DEVELOPMENT AND FAMILY  
 STUDIES  
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, F C P,  
 HD FS MAJORS ONLY  
 Satisfactory-Fail Only.  
 2190005 1 W 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DEVELPMT BIRTH-8YRS HD FS 224 3 CREDITS  
 Prereq: HD FS 102  
 Note: LAB PLACEMENT ASSIGNED AT FIRST LECTURE.  
 COURSE RESTRICTED TO CH FS, ECE, FCEDS MAJORS.  
 CREDIT IN EITHER HD FS 223 OR HD FS 224, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 Instructor permission required 1st week.  
 7011005 1 TR 12:40-1:55  
 M 8:50-10:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7011010 2 TR 12:40-1:55  
 T 9:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7011015 3 TR 12:40-1:55  
 W 8:50-10:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7011020 4 TR 12:40-1:55  
 R 9:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7011025 5 TR 12:40-1:55  
 F 8:50-10:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7011030 6 TR 12:40-1:55  
 M 3:20-5:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7011035 7 TR 12:40-1:55  
 T 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7011040 8 TR 12:40-1:55  
 W 3:20-5:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7011045 9 TR 12:40-1:55  
 R 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7011050 10 TR 12:40-1:55  
 F 3:20-5:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

DEV&GUID MID CHILDH HD FS 226 3 CREDITS  
Prereq: HD FS 102 OR PSYCH 230  
2193005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADOLESC&EMRGING ADU HD FS 227 3 CREDITS  
Prereq: HD FS 102 OR PSYCH 230  
6972005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONSUMER ISSUES HD FS 239 3 CREDITS  
Note: Meets U.S. diversity reqmt  
3494005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

LIT FOR CHILDREN HD FS 240 3 CREDITS  
Note: SEC A1 RESTRICTED TO CH FS, ECE, EL ED,  
FCEDS MAJORS ONLY. SEC A2 RESTRICTED TO MAJORS OTHER  
OTHER THAN CH FS, ECE, EL ED, FCEDS  
2194005 A1 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2194010 A2 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRNT&FAM DVRSTY ISS HD FS 249 3 CREDITS  
Note: SEC A1 RESTRICTED TO CH FS, ECE, FCEDS, F C P  
MAJORS ONLY. SEC A2 RESTRICTED TO MAJORS OTHER  
THAN CH FS, ECE, FCEDS, F C P MAJORS  
2207005 A1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
2207010 A2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

FAMILY CMM&RELATNSH HD FS 270 3 CREDITS  
7012005 1 MW 3:20-4:10, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HUMAN SEXUALITY HD FS 276 3 CREDITS  
Note: Meets U.S. diversity reqmt  
3496005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>  
3496010 2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>  
3496015 3 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3496020 4 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3496705 5 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

PRSNL&FAMILY FINANC HD FS 283 3 CREDITS  
Note: Meets U.S. diversity reqmt  
3499005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>  
3499010 2 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO HONORS STUDENTS ONLY  
Course delivery is On-site instruction  
3499015 3 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3499020 4 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 4 RESTRICTED TO HONORS STUDENTS ONLY  
Course delivery is WWW

FLD EXP HD FS HD FS 317B 1- 6 CREDITS  
Prereq: 9 CREDITS IN HD FS; DEPARTMENT PERMISSION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMLY FNANC HD FS 317G 1- 6 CREDITS  
Prereq: DEPARTMENT PERMISSION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS FIELD EXPRNC HD FS 317H 1- 6 CREDITS  
Prereq: 9 CREDITS IN HD FS; DEPARTMENT PERMISSION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

ASS'MT&CUR:BRTH-2YR HD FS 340 4 CREDITS  
Prereq: HD FS 224; ADMISSION TO EDUCATOR  
PREPARATION PROGRAM  
Note: LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST LECTURE  
CLASS  
8686005 1 TR 3:40-4:55  
M 8:50-11:50  
MEETS: AUG 21-DEC 15  
Note: Department permission required 1st week.  
Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>  
8686010 2 TR 3:40-4:55  
T 9:00-12:00  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO ECE MAJORS ONLY  
Department permission required 1st week.  
Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>  
8686015 3 TR 3:40-4:55  
W 8:50-11:50  
MEETS: AUG 21-DEC 15  
Note: Department permission required 1st week.  
Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>  
8686020 4 TR 3:40-4:55  
R 9:00-12:00  
MEETS: AUG 21-DEC 15  
Note: SEC 4 RESTRICTED TO ECE MAJORS ONLY  
Department permission required 1st week.  
Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>  
8686025 5 TR 3:40-4:55  
F 8:50-11:50  
MEETS: AUG 21-DEC 15  
Note: SEC 5 RESTRICTED TO ECE MAJORS ONLY  
Department permission required 1st week.  
Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>  
8686030 6 TR 3:40-4:55  
M 2:15-5:35  
MEETS: AUG 21-DEC 15  
Note: SEC 6 RESTRICTED TO HD FS, PSYCH MAJORS ONLY  
Department permission required 1st week.  
Course delivery is On-site instruction  
8686035 7 TR 3:40-4:55  
W 2:15-5:35  
MEETS: AUG 21-DEC 15  
Note: SEC 7 RESTRICTED TO HD FS, PSYCH MAJORS ONLY  
Department permission required 1st week.  
Course delivery is On-site instruction  
8686040 8 TR 3:40-4:55  
F 2:15-5:35  
MEETS: AUG 21-DEC 15  
Note: SEC 8 RESTRICTED TO HD FS, PSYCH MAJORS ONLY  
Department permission required 1st week.  
Course delivery is On-site instruction

INCOME TX PLANNG FAM HD FS 341 3 CREDITS  
3500005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>

SOC GUIDNC ERLY CHD HD FS 342 3 CREDITS  
Prereq: HD FS 224  
Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS MAJORS  
Department permission required 1st week.  
3414005 1 TR 2:10-3:00  
M 12:05-12:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3414010 2 TR 2:10-3:00  
T 12:10-1:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3414015 3 TR 2:10-3:00  
W 12:05-12:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3414020 4 TR 2:10-3:00  
R 12:10-1:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3414025 5 TR 2:10-3:00  
F 12:05-12:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3414030 6 TR 2:10-3:00  
M 3:20-4:10, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3414035 7 TR 2:10-3:00  
T 3:10-4:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3414040 8 TR 2:10-3:00  
W 3:20-4:10, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3414045 9 TR 2:10-3:00  
R 3:10-4:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

SOC GUIDNC ERLY CHD HD FS 342 3 CREDITS  
3414050 10 TR 2:10-3:00

F 3:20-4:10, ARRANGED  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

ASESMT&CURR:AGE 3-6 HD FS 343 4 CREDITS

Prereq: HD FS 224; HD FS 240; ADMISSION TO  
EDUCATOR PREPARATION PROGRAM

Note: LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST LECTURE  
CLASS

2205005 1 TR 3:40-4:55

M 8:50-11:50

MEETS: AUG 21-DEC 15

Note: Department permission required 1st week.

Course delivery is On-site instruction

Syllabus: <http://www.hs.iastate.edu/online/>

2205010 2 TR 3:40-4:55

T 9:00-12:00

MEETS: AUG 21-DEC 15

Note: SEC 2 RESTRICTED TO ECE MAJORS ONLY

Department permission required 1st week.

Course delivery is On-site instruction

Syllabus: <http://www.hs.iastate.edu/online/>

2205015 3 TR 3:40-4:55

W 8:50-11:50

MEETS: AUG 21-DEC 15

Note: Department permission required 1st week.

Course delivery is On-site instruction

Syllabus: <http://www.hs.iastate.edu/online/>

2205020 4 TR 3:40-4:55

R 9:00-12:00

MEETS: AUG 21-DEC 15

Note: SEC 4 RESTRICTED TO ECE MAJORS ONLY

Department permission required 1st week.

Course delivery is On-site instruction

Syllabus: <http://www.hs.iastate.edu/online/>

2205025 5 TR 3:40-4:55

F 8:50-11:50

MEETS: AUG 21-DEC 15

Note: SEC 5 RESTRICTED TO ECE MAJORS ONLY

Department permission required 1st week.

Course delivery is On-site instruction

Syllabus: <http://www.hs.iastate.edu/online/>

2205030 6 TR 3:40-4:55

M 2:15-5:35

MEETS: AUG 21-DEC 15

Note: SEC 6 RESTRICTED TO HD FS, PSYCH MAJORS ONLY

Department permission required 1st week.

Course delivery is On-site instruction

2205035 7 TR 3:40-4:55

W 2:15-5:35

MEETS: AUG 21-DEC 15

Note: SEC 7 RESTRICTED TO HD FS, PSYCH MAJORS ONLY

Department permission required 1st week.

Course delivery is On-site instruction

2205040 8 TR 3:40-4:55

F 2:15-5:35

MEETS: AUG 21-DEC 15

Note: SEC 8 RESTRICTED TO HD FS, PSYCH MAJORS ONLY

Department permission required 1st week.

Course delivery is On-site instruction

INCLSV TCH STRATGS HD FS 345 3 CREDITS

Prereq: (HD FS 224; SP ED 250) OR PERMISSION OF  
INSTRUCTOR

Note: COURSE RESTRICTED TO CH FS, ECE, HD FS JRS & SRS

4449005 1 TR 12:40-1:55

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Syllabus: <http://www.hs.iastate.edu/online/>

HOUS&SERV FAM&CHILD HD FS 360 3 CREDITS

Prereq: 6 CR FROM: AESHM421; AFAM330; AMD165,362,  
467; AMIN310,215,322; ANTHR(NOT 202); CJ(NOT 220,332)  
ECON; FSHN342; INTST235; LING219,275,471; POLS; PSYCH  
(NOT131); SOC; WGS201,203,301,320,327-8,346,350,385

3501005 1 MWF 8:50-9:40

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

ABUSE&ILL IN FAMILI HD FS 367 3 CREDITS

Prereq: 3 CR FROM: AESHM421; AFAM330; AMD165,362,  
467; AMIN310,215,322; ANTHR(NOT 202); CJ(NOT 220,332)  
ECON; FSHN342; INTST235; LING219,275,471; POLS; PSYCH  
(NOT131); SOC; WGS201,203,301,320,327-8,346,350,385

9193005 1 ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

RSEARCH METHDS HDFS HD FS 369 3 CREDITS

Prereq: (HD FS 102 OR PSYCH 230); JUNIOR OR  
SENIOR CLASSIFICATION

3343005 1 MWF 9:55-10:45

M 7:45-8:35

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

3343010 2 MWF 9:55-10:45

W 7:45-8:35

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

DEATH PART OF LIVNG HD FS 373 3 CREDITS

Prereq: HD FS 102

3505005 1 ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

AGING & THE FAMILY HD FS 377 3 CREDITS

3506005 1 TR 9:30-10:45

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

Syllabus: <http://www.hs.iastate.edu/online/>

EVID BS PRC HMN SRV HD FS 387 3 CREDITS

Prereq: JUNIOR OR SENIOR CLASSIFICATION

Note: Meets U.S. diversity reqmt

0522005 1 TR 2:10-3:30

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

CHLD, FAM&PUB POLCY HD FS 395 3 CREDITS

Prereq: HD FS 369 OR PERMISSION OF INSTRUCTOR

Note: SEC A2 RESTRICTED TO MAJORS OTHER CH FS, ECE,  
FCEDS, F C P

1155005 A1 TR 9:30-10:45

MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

1155010 A2 TR 9:30-10:45

MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

SUP TCH EARLY SP ED HD FS 417C 8 CREDITS

Prereq: HD FS 455; HD FS 456; MINIMUM 2.5

CUMULATIVE GPA; ADMISSION TO EDUCATOR PREPARATION  
PROGRAM

Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION  
THE UNIVERSITY TEACHER EDUCATION PROGRAM

2213010 1A ARRANGED

MEETS: AUG 21-OCT 13

Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA

2213015 1R ARRANGED

MEETS: AUG 21-OCT 13

Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

2213020 2A ARRANGED

MEETS: OCT 16-DEC 15

Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA

2213025 2R ARRANGED

MEETS: OCT 16-DEC 15

Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

PRO PRAC RFLCT:TCHG HD FS 418A .5 CREDIT

Prereq: CONCURRENT ENROLLMENT IN HD FS 417

Note: COURSE RESTRICTED TO ECE MAJORS ONLY

Satisfactory-Fail Only.

4952005 1 ARRANGED

MEETS: AUG 21-DEC 15

PRO PRAC RFLCT:INTN HD FS 418B 2 CREDITS

Prereq: HD FS 218; JUNIOR OR SENIOR  
CLASSIFICATION

Satisfactory-Fail Only.

3681005 1 W 3:20-5:10

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

PRG EVAL&PROPOS WRI HD FS 449 3 CREDITS

Prereq: JUNIOR OR SENIOR CLASSIFICATION

Note: COURSE RESTRICTED JRS & SRS ONLY

2221005 1 TR 11:00-12:15

MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

Syllabus: <http://www.hs.iastate.edu/online/>

CURR--AGES 3 THRU 6 HD FS 455 4 CREDITS

Prereq: HD FS 343; HD FS 345; SP ED 405; SP ED  
458

Note: LAB PLACEMENT ASSIGNED AT FIRST LECTURE

2222005 1 TR 12:40-1:55

M 8:00-11:50

MEETS: AUG 21-DEC 15

Note: Department permission required 1st week.

Course delivery is On-site instruction

Syllabus: <http://www.hs.iastate.edu/online/>

2222010 2 TR 12:40-1:55

T 8:00-11:50

MEETS: AUG 21-DEC 15

Note: Department permission required 1st week.

Course delivery is On-site instruction

Syllabus: <http://www.hs.iastate.edu/online/>

2222015 3 TR 12:40-1:55

R 8:00-11:50

MEETS: AUG 21-DEC 15

Note: Department permission required 1st week.

Course delivery is On-site instruction

Syllabus: <http://www.hs.iastate.edu/online/>

2222020 4 TR 12:40-1:55

F 8:00-11:50

MEETS: AUG 21-DEC 15

Note: Department permission required 1st week.

Course delivery is On-site instruction

Syllabus: <http://www.hs.iastate.edu/online/>

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

WRK W FAM E INTERVN HD FS 456 3 CREDITS  
Prereq: HD FS 340 OR HD FS 344 OR PERMISSION OF INSTRUCTOR  
7563005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>

FAM DYN THRGH SOC HD FS 479 3 CREDITS  
Prereq: (HD FS 102 OR PSYCH 230); (HD FS 369 OR PERMISSION OF INSTRUCTOR); JUNIOR OR SENIOR CLASSIFICATION  
3524005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>

FAMILY SAVINGS&INVS HD FS 482 3 CREDITS  
Prereq: ECON 101; HD FS 383; STAT 101  
3983005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADMIN HUMN SVC PROG HD FS 486 3 CREDITS  
Prereq: HD FS 369; 3 ADDITIONAL CREDITS IN HD FS AT 300 LEVEL OR ABOVE; JUNIOR OR SENIOR CLASSIFICATION  
3619005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>

FINANCIAL COUNSELNG HD FS 489 2 CREDITS  
Prereq: HD FS 283  
Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2022  
3537005 1 MW 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FINANC COUNSEL LAB HD FS 489L 1 CREDIT  
Prereq: HD FS 283  
8102010 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY HD FS 490 VAR. CREDITS  
Prereq: 6 CREDITS IN HD FS; PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CREDITS  
Prereq: 6 CR IN HD FS; PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST HUM DEV&FMLY HD FS 490I VAR. CREDITS  
Prereq: 6 CREDITS IN HD FS; PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 9 CREDITS  
Prereq: HD FS 418B; SENIOR CLASSIFICATION; MINIMUM 2.0 CUMULATIVE GPA; DEPARTMENT PERMISSION Satisfactory-Fail Only  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRAD STU,RES,ETHICS HD FS 501 2 CREDITS  
3543005 1 R 12:40-2:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Syllabus: <http://www.hs.iastate.edu/online/>

INTRO RESEARCH DSGN HD FS 503 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3544005 1 T 2:10-4:40  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO HD FS, GERON MAJORS ONLY  
Course delivery is On-site instruction  
3544010 2 T 2:10-4:40  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN HD FS, GERON  
Course delivery is On-site instruction

THEORIES HUMAN DEVE HD FS 510 3 CREDITS  
Prereq: 9 CREDITS OF SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR  
7702005 1 W 9:00-11:40  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO HD FS, GERON MAJORS ONLY  
Course delivery is On-site instruction  
7702010 2 W 9:00-11:40  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN HD FS, GERON  
Course delivery is On-site instruction

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

ADULT DEVELOPMENT HD FS 534 3 CREDITS  
1287700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS.  
EMAIL GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT.  
Course delivery is On-site instruction  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

DEVELOPMNTL DISABIL HD FS 538 3 CREDITS  
Prereq: 9 CREDITS IN HD FS OR PSYCH OR PERMISSION OF INSTRUCTOR  
2235005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

HOUSING&FINANC PLAN HD FS 541 3 CREDITS  
3624700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Course delivery is WWW  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

ECON,PUB POLCY&AGIN HD FS 545 3 CREDITS  
8325700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

FAMILY STRESS,ABUSE HD FS 567 3 CREDITS  
Prereq: 9 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR  
8127005 1 W 3:40-6:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

AGING IN FAMLY SETT HD FS 577 3 CREDITS  
Prereq: 9 CREDITS IN SOCIAL SCIENCES OR PERMISSION OF INSTRUCTOR  
3557700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS.  
EMAIL GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT.  
Course delivery is WWW  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

INVESTG&FAMLY FUTUR HD FS 583 3 CREDITS  
3655705 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

FINANCIAL COUNSELNG HD FS 589 2 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
7583005 1 MW 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FINANC COUNSEL LAB HD FS 589L 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
3510005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SP TOP HUMAN,FAMILY HD FS 590I VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV,FAMLY HD FS 591I VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HD FS 599 VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN HD FS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV QUANTITAT METHD HD FS 603 3 CREDITS  
Prereq: HD FS 503; HD FS 505; STAT 402 OR STAT 404 OR PERMISSION OF INSTRUCTOR  
2239005 1 M 5:30-8:30PM  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO HD FS, GERON MAJORS ONLY  
Course delivery is On-site instruction  
2239010 2 M 5:30-8:30PM  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN HD FS, GERON  
Course delivery is On-site instruction

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

RESEARCH GRANT WRIT HD FS 608 3 CREDITS  
Prereq: HD FS 503, HD FS 505, AND HD FS 504  
OR PERMISSION OF INSTRUCTOR  
8824005 1 M 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO HD FS, GERON MAJORS ONLY  
Course delivery is On-site instruction

8824010 2 M 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TOP HUMAN, FAMLY HD FS 690I VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRO EXPR INTERNSHP HD FS 691D VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## HUMAN SCIENCES

ORIEN&CAREER EXPLOR H SCI 110 2 CREDITS  
Prereq: DECLARED AS OPEN OPTION IN THE COLLEGE OF  
HUMAN SCIENCES  
Note: COURSE RESTRICTED TO H SCI MAJORS ONLY.  
9462005 1 WF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVE EDUC H SCI 398 R CREDIT  
Prereq: PERMISSION OF CHS CAREER SERVICES  
Satisfactory-Fail Only.  
0303005 1 ARRANGED  
MEETS: AUG 21-DEC 15

## IMMUNOBIOLOGY

CURR TP WKSHP IMNOL IMBIO 602 1 CREDIT  
5723005 1 M 4:25-5:15, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS IMBIO 690 VAR. CREDITS  
5986005 1 ARRANGED  
MEETS: AUG 21-DEC 15

GRAD RSEARCH ROTATN IMBIO 697 VAR. CREDITS  
5991005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH IMBIO 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## INDUSTRIAL DESIGN

INDUST DSGN STDIO I IND D 201 6 CREDITS  
Prereq: ENROLLMENT IN IND D MAJOR  
Note: COURSE RESTRICTED TO IND D MAJORS ONLY  
9365005 1 MWF 8:50-12:10 OBBINK M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9365010 2 MWF 8:50-12:10 MARTIN J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9365015 3 MWF 8:50-12:10 SADTLER G  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9365020 4 MWF 8:50-12:10 DILL A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FUND OF INDUST DSGN IND D 210 3 CREDITS  
0343005 1 TR 9:30-10:45 SHARMA A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CNCPT SKTCH&MKNG I IND D 220 3 CREDITS  
0333005 1 TR 11:00-12:15 SHARMA A  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO IND D MAJORS ONLY  
Course delivery is WWW

## INDUSTRIAL DESIGN (CONTINUED)

HIST INDUSRL DESIGN IND D 280 3 CREDITS  
9414700 1 TR 2:10-3:25 O'TOOLE M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDUS DSN STDIO III IND D 301 6 CREDITS  
Prereq: ENROLLMENT IN IND D MAJOR; IND D 202  
9259005 1 MWF 8:50-12:10 NEUBAUER D  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO IND D MAJORS ONLY  
Course delivery is On-site instruction

9259010 2 MWF 1:10-4:30 NEUBAUER D  
MEETS: AUG 21-DEC 15  
Note: SEC 2 FOR MAJORS OTHER THAN IND D  
Course delivery is On-site instruction

9259015 3 MWF 8:50-12:10 AMMAN M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9259020 4 MWF 1:10-4:30 AMMAN M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DSGN RESRCH METHODS IND D 320 3 CREDITS  
9260005 1 TR 9:30-10:45 AMMAN M  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO IND D MAJORS ONLY  
Course delivery is On-site instruction

9260010 2 TR 9:30-10:45 AMMAN M  
MEETS: AUG 21-DEC 15  
Note: SEC 2 FOR MAJORS OTHER THAN IND D.  
Course delivery is On-site instruction

DIGITAL DSGN TECHNL IND D 340 3 CREDITS  
6026005 1 MW 8:50-11:40 DILL A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

6026010 2 MW 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

IND DSN MATRLS&PROC IND D 360 3 CREDITS  
9613005 1 T 12:40-3:25 NEUBAUER D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INDUS DSN INTERNSHP IND D 397 1- 6 CREDITS  
Prereq: ENROLLMENT IN IND D MAJOR; IND D 202; 18  
CREDITS IN IND D; PERMISSION OF INSTRUCTOR  
6164005 1 ARRANGED SHARMA A  
MEETS: AUG 21-DEC 15

STO:COMMERCIAL PRCT IND D 401 6 CREDITS  
Prereq: ENROLLMENT IN IND D MAJOR; IND D 301  
2817005 1 MWF 1:10-4:30 MARTIN J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2817010 2 MWF 8:50-12:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PORTFOLIO&PRO PRCTC IND D 440 3 CREDITS  
Prereq: ENROLLMENT IN IND D MAJOR; IND D 301  
3176005 1 TR 5:10-6:25PM NEUBAUER D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPL TP:EXPRMTL TCNQ IND D 490B 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
2677027 DN ARRANGED NEUBAUER D  
MEETS: AUG 21-DEC 15

SPL TOPCS:3-D DSGN IND D 490C 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP:DIST COLLAB IND D 490D 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
2879008 AL ARRANGED  
MEETS: AUG 21-DEC 15

2879083 MM ARRANGED  
MEETS: AUG 21-DEC 15

SENIOR PROJECT IND D 499 6 CREDITS  
Prereq: ENROLLMENT IN IND D MAJOR; (IND D 401,  
IND D 397, OR IND D 495); SENIOR CLASSIFICATION IN  
IND D  
3037005 1 MWF 1:10-4:30 SADTLER G  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO TO GRADUATING SENIORS ONLY,  
OR INSTRUCTOR PERMISSION REQUIRED.  
Course delivery is On-site instruction

3037010 2 MWF 1:10-4:30 PAEPCKE-HJELTNES  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO TO GRADUATING SENIORS ONLY,  
OR INSTRUCTOR PERMISSION REQUIRED.  
Course delivery is On-site instruction

## INDUSTRIAL DESIGN (CONTINUED)

GRADUATE STUDIO I IND D 501 6 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
9394005 1 MWF 8:50-12:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DESIGN THINKING IND D 530 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING IN ANY ISU  
PROGRAM  
3113005 1 ARRANGED MCKILLIGAN S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

DESIGN COMMUNICATION IND D 540 3 CREDITS  
9393005 1 WF 1:10-3:20 PAEPCKE-HJELTNES  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS IND D 590 1- 6 CREDITS  
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO  
OR PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP IND D 597 1- 6 CREDITS  
Prereq: 12 STUDIO CREDITS IN IND D; PERMISSION OF  
INSTRUCTOR  
9463005 1 ARRANGED SHARMA A  
MEETS: AUG 21-DEC 15

GRADUATE STUDIO III IND D 601 6 CREDITS  
Prereq: DSN S 501 OR IND D 501  
7661005 1 MWF 8:50-12:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MIND GRADUAT THESIS IND D 699 6 CREDITS  
Prereq: IND D 632  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**INDUSTRIAL ENGINEERING**

INDUS ENGR PROFESSN I E 101 R CREDIT  
Satisfactory-Fail Only.  
4402005 1 T 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INFO ENGINEERING I E 148 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MATH 143  
Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES  
MAY BE APPLIED TOWARD GRADUATION: ENGR 160, A B E  
160, AER E 160, C E 160, CH E 160, CPR E 185, E E  
185, I E 148, M E 160, AND S E 185. RESTRICTED TO I E  
MAJORS ONLY.  
5037005 1 TR 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5037010 2 TR 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGR SYS DSGN,MANUF I E 248 3 CREDITS  
Prereq: MATH 166, PHYS 221, CREDIT OR  
ENROLLMENT IN I E 101 AND MAT E 273  
Note: LECTURE MEETS 30 OF THE 45 SCHEDULED PERIODS.  
SEE SYLLABUS. 2-PART COURSE. REGISTER FOR A LECTURE  
SECTION (SECTION 1) FIRST AND THEN A LAB  
SECTION (LETTERED SECTIONS A-Q). STUDENTS WHO DON'T  
REGISTER FOR BOTH LECTURE AND LAB WILL NEED TO DROP  
FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.  
RESTRICTED TO I E MAJORS ONLY - OTHER MAJORS BY  
PERMISSION OF INSTRUCTOR.  
5808003 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5808005 A T 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5808010 B R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5808015 C T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5808020 D R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5808025 E T 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5808030 F R 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5808035 G M 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5808040 J W 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5808050 K F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5808055 L R 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## INDUSTRIAL ENGINEERING (CONTINUED)

ENGR ECONOMIC ANALY I E 305 3 CREDITS  
Prereq: MATH 166  
Note: SEC A1,B1 ETC. RESTRICTED TO I E MAJORS ONLY.  
SEC A2,B2 ETC. RESTRICTED TO MAJORS OTHER THAN I E.  
4425005 A1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4425010 A2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4425015 B1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4425020 B2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4425045 C3 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

OPTIMIZATION I E 312 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MATH 267  
Note: COURSE RESTRICTED TO I E MAJORS ONLY  
4410005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4410010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

PRODUCTION SYSTEMS I E 341 3 CREDITS  
Prereq: STAT 231; CR OR ENROLLMENT IN I E 312  
Note: COURSE RESTRICTED TO I E MAJORS  
4413005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4413010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

STAT QUALITY ASSURN I E 361 3 CREDITS  
Prereq: STAT 231, STAT 301, STAT 326, STAT 401,  
OR STAT 587  
Note: COURSE RESTRICTED TO I E, STAT MAJORS ONLY  
TWO-HOUR LECTURE DELIVERY IS WWW.  
4416005 1 ARRANGED, T 3:40-5:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STOCHAST MODL,SIMUL I E 413 4 CREDITS  
Prereq: MATH 265, STAT 231  
Note: COURSE RESTRICTED TO I E MAJORS ONLY  
7013005 1 MWF 8:50-9:40  
T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7013010 2 MWF 8:50-9:40  
T 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7013015 3 MWF 8:50-9:40  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7013020 4 MWF 8:50-9:40  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENG PROB SOLV WTH R I E 420 3 CREDITS  
Prereq: STAT 231 OR EQUIVALENT  
0865005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENTREPREN PROD ENGR I E 430 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
0344005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDUSTRL AUTOMATION I E 432 3 CREDITS  
Prereq: PHYS 232 AND PHYS 232L  
Note: COURSE RESTRICTED TO I E MAJORS ONLY  
9638005 1 TR 11:00-12:15  
T 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9638010 2 TR 11:00-12:15  
T 12:40-2:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9638015 3 TR 11:00-12:15  
T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9638020 4 TR 11:00-12:15  
R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9638025 5 TR 11:00-12:15  
R 12:40-2:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## INDUSTRIAL ENGINEERING (CONTINUED)

INDUSTR ENGR DESIGN I E 441 3 CREDITS  
Prereq: I E 248, I E 271, I E 361; CREDIT OR ENROLLMENT IN I E 341, I E 413, AND I E 448  
Note: COURSE RESTRICTED TO I E, IMSE MAJORS ONLY  
4432005 1 M 2:15-3:05  
MWF 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4432010 2 M 2:15-3:05  
MWF 9:55-11:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GEOMET VARIBLTY MFG I E 446 3 CREDITS  
Prereq: I E 348, OR MAT E 216, OR M E 324  
2360005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TECHN SALES ENGRS I E 450 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN I E 305  
8885005 1 M 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

E-COMMERCE SYS ENGR I E 481 3 CREDITS  
Prereq: I E 148  
7818005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7818010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

BIG DATA OPTIMIZATN I E 487 3 CREDITS  
Prereq: I E 312, STAT 231  
9976005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY I E 490 1- 5 CREDITS  
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490H 1- 5 CREDITS  
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
UNIV HONORS PROGRAM MEMBERSHIP  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

I E GRAD SEMINAR I E 501 R CREDIT  
Prereq: ENROLLMENT IN GRADUATE PROGRAM IN INDUSTRIAL ENGINEERING.  
Satisfactory-Fail Only.  
3550005 1 W 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANALY STOCHASTC SYS I E 513 3 CREDITS  
Prereq: STAT 231  
6974005 1 TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENG PROB SOLV WTH R I E 520 3 CREDITS  
Prereq: STAT 231 OR EQUIVALENT  
0866005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RELIABILITY I E 533 3 CREDITS  
Prereq: STAT 342 OR STAT 432 OR STAT 447 OR STAT 478 OR STAT 578 OR STAT 588  
4458005 1 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LINEAR PROGRAMMING I E 534 3 CREDITS  
Prereq: I E 312  
4459005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GEOMET VARIBLTY MFG I E 546 3 CREDITS  
Prereq: I E 348, OR MAT E 216, OR M E 324  
2390005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGNEERG &SYSTM MGT I E 563 3 CREDITS  
Prereq: I E 305 AND COURSE IN BASIC STATISTICS  
Note: RESTRICTED TO GRADUATE STUDENTS ONLY  
4660005 1 R 6:00-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4660010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 IS FOR GRAD MAJORS OTHER THAN ENG M, IMSE, SYS E. OTHERS MUST CONTACT DEVNA POPEJOY-SHERIFF: DEVNA@IASTATE.EDU FOR PERMISSION.  
Course delivery is WWW

4660015 3 ARRANGED  
MEETS: AUG 21-DEC 15

## INDUSTRIAL ENGINEERING (CONTINUED)

ENGNEERG &SYSTM MGT I E 563 3 CREDITS  
Prereq: SEC 3 IS RESTRICTED TO GRADUATE STUDENTS  
IN IMSE, SYS E, AND ENG M.  
Course delivery is WWW

HUMAN FACTORS I E 577 3 CREDITS  
Prereq: I E 271 OR GRADUATE CLASSIFICATION  
Note: SEC A1,B1 RESTRICTED TO I E, IMSE, SYS E, ENG M MAJORS ONLY. SEC A2,B2 FOR MAJORS OTHER THAN I E, IMSE, SYS E, ENG M  
5442005 A1 M 4:25-7:15PM  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5442010 A2 M 4:25-7:15PM  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5442015 B1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

5442020 B2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

E-COMMERCE SYS ENGR I E 581 3 CREDITS  
Prereq: I E 148  
7817005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7817010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

REQUIRMENTS&ARC ENGR I E 585 3 CREDITS  
Prereq: 3 CREDITS IN INFORMATION TECHNOLOGY OR INFORMATION SYSTEMS  
8181005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8181010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

BIG DATA OPTIMIZATN I E 587 3 CREDITS  
Prereq: I E 312, STAT 231  
9977005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS I E 590 1- 3 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT I E 599 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

STOCHASTC PROGRAMMG I E 633 3 CREDITS  
Prereq: I E 513 OR STAT 447; I E 534 OR EQUIVALENT  
7883005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HUMN FACTRS AUTOMTN I E 672 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2464005 1 M 9:00-11:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

SPINE BIOMECHANICS I E 673 3 CREDITS  
Prereq: I E 571 OR EQUIVALENT  
9844005 1 W 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED TOPICS I E 690 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP I E 697 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT  
Note: Department permission required.  
Satisfactory-Fail Only.  
7999005 1 ARRANGED  
MEETS: AUG 21-DEC 15

RESEARCH I E 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**INTEGRATED STUDIO ARTS**

CRTV VISUAL THINKNG ARTIS 201 3 CREDITS  
7938005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO COLLEGE OF DESIGN MAJORS EXCEPT ARTIS  
Course delivery is WWW

7938010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN ARTIS  
Course delivery is WWW

## INTEGRATED STUDIO ARTS

(CONTINUED)

STUDIO FNDMTLS:WOOD ARTIS 202 2 CREDITS  
Prereq: SOPHOMORE LEVEL AND ABOVE  
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY  
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.  
9264005 A1 MW 7:45-11:15  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9264010 A2 MW 7:45-11:15  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9264015 B1 MW 7:45-11:15  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
9264020 B2 MW 7:45-11:15  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

STDO FUND:JWLRY/MTL ARTIS 203 2 CREDITS  
Prereq: SOPHOMORE LEVEL AND ABOVE  
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY  
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.  
9272005 A1 MWF 1:10-3:30  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9272010 A2 MWF 1:10-3:30  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9272015 B1 MWF 1:10-3:30  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
9272020 B2 MWF 1:10-3:30  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

STUDIO FUND:CERAMICS ARTIS 204 2 CREDITS  
Prereq: SOPHOMORE LEVEL AND ABOVE  
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY  
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.  
9253005 A1 MWF 3:40-6:00PM  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9253010 A2 MWF 3:40-6:00PM  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9253015 B1 MWF 3:40-6:00PM  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
9253020 B2 MWF 3:40-6:00PM  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

STUDIO FUND:PRINTMKG ARTIS 206 2 CREDITS  
Prereq: SOPHOMORE LEVEL AND ABOVE  
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY  
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.  
9255005 A1 MWF 1:10-3:30  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9255010 A2 MWF 1:10-3:30  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9255015 B1 MWF 1:10-3:30  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
9255020 B2 MWF 1:10-3:30  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

COLOR ARTIS 208 2 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: SEC C1,D1 RESTRICTED TO ARTIS, P ISA MAJORS.  
SEC C2,D2 OPEN TO ALL OTHER NON-ARTIS MAJORS.  
Instructor permission required 1st week.  
1766005 A1 MWF 8:50-11:10  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
1766010 A2 MWF 8:50-11:10  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
1766015 B1 MWF 8:50-11:10  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
1766020 B2 MWF 8:50-11:10  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

STUDIO FUND: PHOTO ARTIS 210 2 CREDITS  
Prereq: SOPHOMORE LEVEL AND ABOVE  
Note: SEC A1,B1 RESTRICTED TO ARTIS MAJORS ONLY  
SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN ARTIS  
9256005 A1 TR 2:10-5:20  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9256010 A2 TR 2:10-5:20  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9256015 B1 TR 2:10-5:20  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
9256020 B2 TR 2:10-5:20  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

## INTEGRATED STUDIO ARTS

(CONTINUED)

STUDIO FUND:DIG MED ARTIS 212 3 CREDITS  
Prereq: SOPHOMORE LEVEL AND ABOVE  
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY.  
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.  
9257005 A1 TR 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9257010 A2 TR 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9257015 B1 TR 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9257020 B2 TR 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STUDIO FUND:PAINTNG ARTIS 213 2 CREDITS  
Prereq: SOPHOMORE LEVEL AND ABOVE  
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY  
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.  
9266005 A1 MWF 7:45-10:05  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9266010 A2 MWF 7:45-10:05  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9266015 B1 MWF 7:45-10:05  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
9266020 B2 MWF 7:45-10:05  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

STUDIO FUND:TEXTILE ARTIS 214 2 CREDITS  
Prereq: SOPHOMORE LEVEL AND ABOVE  
Note: SEC A1, B1 ETC. RESTRICTED TO ARTIS MAJORS ONLY  
SEC A2, B2 ETC. SEC B2 FOR MAJOR OTHER THAN ARTIS.  
9269005 A1 MWF 3:40-6:00PM  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9269010 A2 MWF 3:40-6:00PM  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
9269015 B1 MWF 3:40-6:00PM  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
9269020 B2 MWF 3:40-6:00PM  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS  
Note: COURSE RESTRICTED TO MAJORS IN BPM I AND THE COLLEGE OF DESIGN. NOT OPEN TO ARTIS MAJORS.  
1983005 1 MW 2:15-5:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DRAWING II ARTIS 230 3 CREDITS  
Prereq: DSN S 102, DSN S 183 AND DSN S 131  
Note: COURSE RESTRICTED TO MAJORS IN BPM I AND THE COLLEGE OF DESIGN  
Instructor permission required 1st week.  
1779005 1 TR 7:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1779010 2 MW 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WATERCOLOR PAINTING ARTIS 233 3 CREDITS  
Prereq: ARTIS 230  
Note: COURSE RESTRICTED TO MAJORS IN BPM I AND THE COLLEGE OF DESIGN  
Instructor permission required 1st week.  
1780005 1 MW 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WATERCOLOR PAINTING ARTIS 233H 3- 4 CREDITS  
Prereq: ARTIS 230  
Note: FOR BPM I, PBBPMI, AND COLLEGE OF DESIGN MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
Instructor permission required.  
5570005 1 MW 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PAINTING I ARTIS 238 3 CREDITS  
Prereq: ARTIS 230  
7828005 1 MW 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COLLAGE,ASSEM&FOUND ARTIS 305 3 CREDITS  
Prereq: 6 CREDITS OF 200 LEVEL STUDIO OR PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
1771005 1 TR 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction



## INTEGRATED STUDIO ARTS

(CONTINUED)

CPTR MODL&VIR PHOTO ARTIS 308 3 CREDITS  
 Note: COURSE RESTRICTED TO ARCH, ARC, ARTDN, ARTFA,  
 ARTGR, ARTID, ARTIS, BPM I, DES, DSGNS, DSGN, C R P,  
 I DES, IND D, L A, P ARC, P CRP, P GR, P BPMI, P ID,  
 P IND, P ISA, P LA MAJORS  
 6423005 1 TR 9:30-12:15  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

6423010 2 TR 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SOURCES VISUAL ART ARTIS 310 3 CREDITS  
 6432005 1 MW 3:40-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO ARTIS MAJORS ONLY  
 Course delivery is On-site instruction

6432010 2 MW 3:40-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO ARC, ARCH, ARTED,  
 ART H, ARTDN, ARTGR, ARTID, C R P, DES, DSGN,  
 DSGNS, I DES, IND D, L A MAJORS  
 Course delivery is On-site instruction

SOURCES VISUAL DSGN ARTIS 310H 3- 4 CREDITS  
 Prereq: ART 230  
 Note: COURSE OPEN TO COLLEGE OF DESIGN MAJORS  
 WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
 Instructor permission required.

9379005 1 MW 3:40-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO FURNITUR DSGN ARTIS 320 3 CREDITS  
 Prereq: ARTIS 202 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,  
 ARTID, ARTIS, BPM I MAJORS  
 Instructor permission required 1st week.

1798005 1 TR 9:30-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTMD CERAMCS STDIO ARTIS 322 3 CREDITS  
 Prereq: ARTIS 204 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO DESIGN COLLEGE MAJORS ONLY  
 Instructor permission required 1st week.

1799005 1 TR 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SCI ILLUSTR PRIN&TEC ARTIS 323 3 CREDITS  
 Prereq: DSN S 131, ARTIS 230, OR EQUIVALENT, AND  
 3 CREDITS IN BIOLOGICAL SCIENCES; OR PERMISSION OF  
 INSTRUCTOR

6579005 1 TR 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

JEWELR/METALSMTH II ARTIS 324 3 CREDITS  
 Prereq: ARTIS 203 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS  
 Instructor permission required 1st week.

7237005 1 TR 9:30-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ILLUSTR AS COMMUNIC ARTIS 327 3 CREDITS  
 Prereq: ARTIS 326/BPM I 326, OR PERMISSION OF  
 INSTRUCTOR

7239005 1 TR 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CREATIVE PHOTOGRAPHY ARTIS 329 3 CREDITS  
 Prereq: ARTIS 210 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS  
 Instructor permission required 1st week.

1801005 1 TR 9:30-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DRAW III:LIFE DRWNG ARTIS 330 3 CREDITS  
 Prereq: ARTIS 230  
 Note: COURSE RESTRICTED TO BPM I, BPPI, AND COLLEGE  
 OF DESIGN MAJORS  
 Instructor permission required 1st week.

1802005 1 TR 2:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1802010 2 MW 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## INTEGRATED STUDIO ARTS

(CONTINUED)

PAINTING II ARTIS 338 3 CREDITS  
 Prereq: ARTIS 238 OR ARTIS 213 AND ARTIS 230  
 Note: Instructor permission required 1st week.

7832005 1 MW 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DYED & PRNTD TXTLE ARTIS 347 3 CREDITS  
 Note: Instructor permission required 1st week.

1809005 1 MW 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRIN CHARAC ANIMAT ARTIS 407 3 CREDITS  
 2092005 1 MW 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADV FURNITURE DSGN ARTIS 420 3 CREDITS  
 Prereq: ARTIS 320  
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID,  
 ARTIS MAJORS  
 Instructor permission required 1st week.

1838005 1 TR 9:30-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADV CERAMIC STUDIO ARTIS 422 3 CREDITS  
 Prereq: ARTIS 322  
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID,  
 ARTIS MAJORS  
 Instructor permission required 1st week.

1839005 1 TR 3:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

JEWELR/METLSMTH III ARTIS 424 3 CREDITS  
 Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS  
 Instructor permission required 1st week.

7250005 1 TR 9:30-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADVANCED PHOTOGRAPHY ARTIS 429 3 CREDITS  
 Prereq: ARTIS 329

1836005 1 TR 9:30-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADVANCED PHOTOGRAPHY ARTIS 429H 3- 4 CREDITS  
 Prereq: ARTIS 329  
 Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY  
 HONORS PROGRAM  
 Instructor permission required.

7018005 1 TR 9:30-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DRAWING ARTIS 430 3 CREDITS  
 Prereq: ARTIS 330  
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,  
 ARTIS, BPM I, BPPI MAJORS  
 Instructor permission required 1st week.

1841005 1 TR 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CHARACT&SCENE DSGN ARTIS 431 3 CREDITS  
 Prereq: ISA MAJORS: DSN S 131, ARTIS 230,  
 ARTIS 330. NON-ISA MAJORS: DSN S 131 AND PERMISSION  
 OF INSTRUCTOR UPON PORTFOLIO REVIEW.

9850005 1 TR 8:05-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PAINTING III ARTIS 438 3 CREDITS  
 Prereq: ARTIS 338  
 Note: Instructor permission required 1st week.

7833005 1 MW 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PAINTING III ARTIS 438H 3- 4 CREDITS  
 Prereq: ARTIS 338  
 Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY  
 HONORS PROGRAM  
 Instructor permission required.

7147005 1 MW 1:10-4:00, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DYED & PRNTD TXTLE ARTIS 447 3 CREDITS  
 Prereq: ARTIS 347 OR PERMISSION OF INSTRUCTOR

9489005 1 MW 8:50-11:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## INTEGRATED STUDIO ARTS

(CONTINUED)

VIDEO ART ARTIS 473 3 CREDITS  
Prereq: ARTIS 212 OR PERMISSION OF INSTRUCTOR  
8279005 1 MW 9:55-12:45  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

INDEP STDY CERAMICS ARTIS 490B 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST COMPUTER A&D ARTIS 490C 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DRAWING ARTIS 490D 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY TEXTILES ARTIS 490E 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST ILLUSTRATION ARTIS 490F 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY METALS ARTIS 490G 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTIS 490H 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT.  
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY PAINTING ARTIS 490I 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU PHOTOGRAPHY ARTIS 490J 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU PRINTMAKING ARTIS 490K 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU MIXED MEDIA ARTIS 490M 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

POSTBACCAL CAPSTONE ARTIS 491 1 CREDIT  
Prereq: ENROLLMENT IN POST BACCALAUREATE PROGRAM  
Satisfactory-Fail Only.  
8280005 1 ARRANGED  
MEETS: AUG 21-DEC 15

STUDIO INTERNSHIP ARTIS 497 1- 6 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COLLAGE,ASSEM&FOUND ARTIS 505 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: Instructor permission required 1st week.  
7553005 1 TR 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN CHARAC ANIMAT ARTIS 507 3 CREDITS  
2057005 1 MW 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV FURNITURE DSGN ARTIS 520 3 CREDITS  
Prereq: GRAD CLASSIFICATION  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
Instructor permission required 1st week.  
1895005 1 TR 9:30-12:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## INTEGRATED STUDIO ARTS

(CONTINUED)

ADV CERAMIC STUDIO ARTIS 522 3 CREDITS  
Prereq: GRAD CLASSIFICATION IN THE MFA PROGRAM IN  
INTEGRATED VISUAL ARTS; OR PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
1896005 1 TR 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

JEWEL&DEC METAL III ARTIS 524 3 CREDITS  
Prereq: GRAD CLASSIFICATION IN THE MFA PROGRAM IN  
INTEGRATED VISUAL ARTS; OR PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
Instructor permission required 1st week.  
7255005 1 TR 9:30-12:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED PHOTOGRAPHY ARTIS 529 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
7399005 1 TR 9:30-12:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DRAWING ARTIS 530 3 CREDITS  
Prereq: ARTIS 330  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
Instructor permission required 1st week.  
7747005 1 TR 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CHARACT&SCENE DSGN ARTIS 531 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION AND INSTRUCTOR  
PERMISSION UPON PORTFOLIO REVIEW  
9851005 1 TR 8:05-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED PAINTING ARTIS 538 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF  
INSTRUCTOR  
Note: Instructor permission required 1st week.  
7826005 1 MW 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV DYD&PRNTED TXTL ARTIS 547 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
9488005 1 MW 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GRAD SEM:GRANTS,EXH ARTIS 571A 3 CREDITS  
Prereq: ADMISSION INTO GRADUATE PROGRAM  
IN THE COLLEGE OF DESIGN  
1141005 1 W 6:30-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

VIDEO ART ARTIS 573 3 CREDITS  
Prereq: GRAD STANDING OR PERMISSION OF INSTRUCTOR  
2387005 1 MW 9:55-12:45  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

SPL TOPICS CERAMICS ARTIS 590B VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMNT.  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTR A&D ARTIS 590C VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMNT.  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS DRAWING ARTIS 590D VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT.  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## INTEGRATED STUDIO ARTS

(CONTINUED)

SPCL TOPCS TEXTILES ARTIS 590E VAR. CREDITS  
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
 Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
 ARTID, ARTIS, IND D MAJORS  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ILLUSTRATN ARTIS 590F VAR. CREDITS  
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
 Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
 ARTID, ARTIS, IND D MAJORS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS METALS ARTIS 590G VAR. CREDITS  
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
 Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
 ARTID, ARTIS, IND D MAJORS  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I VAR. CREDITS  
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
 Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
 ARTID, ARTIS, IND D MAJORS  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CREDITS  
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
 Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
 ARTID, ARTIS, IND D MAJORS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRINTMAKING ARTIS 590K VAR. CREDITS  
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
 Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
 ARTID, ARTIS, IND D MAJORS  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIXED MEDIA ARTIS 590M VAR. CREDITS  
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
 Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
 ARTID, ARTIS, IND D MAJORS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

STUDIO INTERNSHIP ARTIS 697 VAR. CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTIS 699A VAR. CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RESRCH: THESIS EXHIB ARTIS 699B VAR. CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**INTERDISCIPLINARY GRADUATE STUDIES**

CREATIVE COMPONENT IGS 599 VAR. CREDITS  
 4480005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

THESIS RESEARCH IGS 699 VAR. CREDITS  
 4481005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

**INTERIOR DESIGN**

FUND INTERIOR DSGN ARTID 250 2 CREDITS  
 Note: SEC A1 RESTRICTED TO ARTID MAJORS. SEC A2  
 FOR MAJORS OTHER THAN ARTID  
 6589005 A1 MW 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6589010 A2 MW 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## INTERIOR DESIGN

(CONTINUED)

GRAPH COM INT DSN I ARTID 261 3 CREDITS  
 Prereq: ADMISSION TO THE INTERIOR DESIGN BFA;  
 ARTID 265  
 Note: COURSE RESTRICTED TO ARTID MAJORS ONLY  
 7885005 1 MW 1:10-2:00  
 MW 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 7885010 2 MW 1:10-2:00  
 MW 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INT DESIGN STUDIO I ARTID 265 4 CREDITS  
 Prereq: ADMISSION TO THE INTERIOR DESIGN BFA;  
 ARTID 250; ARTID 261  
 Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS  
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.  
 Instructor permission required 1st week.  
 1784005 1 T 11:00-11:50  
 TR 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1784010 2 T 11:00-11:50  
 TR 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1784015 3 T 11:00-11:50  
 TR 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1784020 4 T 11:00-11:50  
 TR 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTERIOR REG&GUIDLN ARTID 351 3 CREDITS  
 Prereq: ARTID 267 OR PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 1683005 1 M 5:10-6:40PM  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INT CONSTRCT&DTAILS ARTID 353 3 CREDITS  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 7731005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INT DSN HIST/THRY I ARTID 355 3 CREDITS  
 Note: Meets international perspectives reqmt  
 Instructor permission required 1st week.  
 1689005 1 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INT DES INTRN SEM I ARTID 360 1 CREDIT  
 Prereq: ARTID 267  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 Instructor permission required 1st week.  
 1818005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INT DSGN STUDIO III ARTID 365 4 CREDITS  
 Prereq: ARTID 263; ARTID 267  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 Instructor permission required 1st week.  
 1815005 1 M 7:45-8:35  
 MW 8:50-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1815010 2 M 7:45-8:35  
 MW 8:50-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INT DESIGN STUDIO V ARTID 465 4 CREDITS  
 Prereq: ARTID 460 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 Instructor permission required 1st week.  
 1851005 1 M 12:05-12:55  
 MW 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1851010 2 M 12:05-12:55  
 MW 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1851015 3 M 12:05-12:55  
 MW 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 1851020 4 M 12:05-12:55  
 M 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## INTERIOR DESIGN

(CONTINUED)

INDEPENDENT STUDY ARTID 490 1- 6 CREDITS  
Prereq: PERMISSION OF DEPARTMENT  
Note: COURSE RESTRICTED TO ARTID MAJORS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTID 490H 1- 6 CREDITS  
Prereq: PERMISSION OF DEPARTMENT  
Note: COURSE RESTRICTED TO ARTID MAJORS WHO ARE  
IN THE UNIVERSITY HONORS PROGRAM  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

DSGN HUMANC:SENSORY ARTID 551A 3 CREDITS  
Prereq: INSTRUCTOR PERMISSION  
8255005 1 TR 5:10-6:25PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ID TEACHNG PRACTICM ARTID 554 3 CREDITS  
Prereq: ARTID 668 AND PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INTERR DSN STUDIO V ARTID 565 4 CREDITS  
Prereq: ARTID 460 OR PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
1906005 1 M 12:05-12:55  
MW 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1906010 2 M 12:05-12:55  
MW 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1906015 3 M 12:05-12:55  
MW 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1906020 4 M 12:05-12:55  
M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV STDI:VIS TCHNIQ ARTID 569C 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF  
INSTRUCTOR  
Note: COURSE RESTRICTED TO SENIORS AND GRAD STUDENTS  
TOPIC: LIGHTING. TOPICS NOT TO BE REPEATED.  
1723005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV STDI:PRES CLTRL ARTID 569D 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF  
INSTRUCTOR  
Note: COURSE RESTRICTED TO SENIORS AND GRAD STUDENTS  
TOPIC: PRESERVATION. TOPICS NOT TO BE REPEATED.  
1754005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV STDI:INCLSV ENV ARTID 569E 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF  
INSTRUCTOR  
Note: COURSE TOPIC: ADVANCED STUDIES IN  
INTERIOR DESIGN: INCLUSIVE ENVIRONMENTS  
TOPICS NOT TO BE REPEATED  
0586005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS ARTID 590 VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN INTERIOR DSGN  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR & DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ARTID 599 VAR. CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV EXPERMTL INT DS ARTID 668 4 CREDITS  
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF  
INSTRUCTOR  
8248005 1 TR 12:10-1:00  
TR 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED TOPICS ARTID 690 VAR. CREDITS  
Prereq: MFA CLASSIFICATION, PERMISSION OF INSTR  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## INTERIOR DESIGN

(CONTINUED)

RESEARCH: THESIS ARTID 699A VAR. CREDITS  
Note: COURSE RESTRICTED TO ARTID GRADUATE MAJORS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH:THESIS-EXH ARTID 699B VAR. CREDITS  
Note: COURSE RESTRICTED TO ARTID GRADUATE MAJORS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CREDITS  
Note: Meets international perspectives reqmt  
9582005 1 TR 9:30-10:45 DEPAULA F  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9582010 2 MWF 11:00-11:50 REN Y  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9582015 3 ARRANGED DEPAULA F  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

9582020 4 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

9582025 5 TR 11:00-12:15 STROHMAN J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9582030 6 MWF 1:10-2:00 DEININGER M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

WORLD REG GLBAL CON INTST 250 3 CREDITS  
Note: Meets international perspectives reqmt  
0915005 1 ARRANGED STROHMAN J  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

INDEPENDENT STUDY INTST 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; PERMISSION OF  
INTERNATIONAL STUDIES DIRECTOR  
Note: NO MORE THAN 3 CREDITS IN INTST 490 MAY BE USED  
TOWARD GRADUATION IN THE INTERNATIONAL STUDIES MAJOR  
OR MINOR  
3719005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Permission of department chair required.

## JOURNALISM &amp; MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS  
Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R  
MAJORS ONLY. SEC A2 RESTRICTED TO MAJORS OTHER THAN  
ADVRT, JL MC, P R  
4656005 A1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4656010 A2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

JOURNLS&COMM ORIENT JL MC 110 1 CREDIT  
Satisfactory-Fail Only.  
4657005 1 T 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4657010 2 R 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESERVED FOR JOURNALISM LEARNING COMMUNITY  
Course delivery is On-site instruction

4657015 3 T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: SEC 3 RESTRICTED TO MAJORS IN THE  
COLLEGE OF AGRICULTURE AND LIFE SCIENCES  
Course delivery is On-site instruction

4657020 4 T 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 4 FOCUSED ON ADVRT & P R LEARNING COMMUNITY  
Course delivery is On-site instruction

4657025 5 T 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ID, DIVERSITY & MEDIA JL MC 140X 3 CREDITS  
Note: Meets U.S. diversity reqmt  
4627005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

REPORT&WRIT MASS MD JL MC 201 3 CREDITS  
Prereq: GREENLEE MAJORS ONLY OR DEPARTMENTAL  
PERMISSION. CREDIT OR CONCURRENT ENROLLMENT IN JL MC  
110.  
Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS  
4658005 1 MW 9:55-11:45  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4658015 2 MW 9:55-11:45  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4658020 3 MW 9:55-11:45  
ARRANGED  
MEETS: AUG 21-DEC 15

## JOURNALISM &amp; MASS COMMUNICATION (CONTINUED)

REPORT&WRIT MASS MD JL MC 201 3 CREDITS  
 Note: Course delivery is On-site instruction  
 4658025 4 TR 10:00-11:50  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4658030 5 TR 2:10-4:00, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4658035 6 MW 7:45-9:35, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

JOURNALISM PRINCIPLES JL MC 240 3 CREDITS  
 1294005 1 MW 12:05-12:55  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

VISUAL PRIN MASS CM JL MC 242 3 CREDITS  
 Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R MAJORS  
 SEC A2 RESTRICTED TO MAJORS OTHER THAN ADVRT, JL MC,  
 P R MAJORS  
 4673005 A1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4673010 A2 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MEDIA CONTROVERSIES JL MC 260 3 CREDITS  
 0895005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INT REPORT MASS MED JL MC 302 3 CREDITS  
 Prereq: JL MC 110; JL MC 201 WITH A GRADE  
 OF C+ OR BETTER  
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R  
 MAJORS ONLY  
 4659005 1 MW 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BROADCAST WRIT&RPRT JL MC 303 3 CREDITS  
 Prereq: JL MC 110; JL MC 201 WITH A GRADE  
 OF C+ OR BETTER  
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R  
 MAJORS ONLY  
 8511005 1 MW 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BROADCAST PRODUCTN JL MC 306 3 CREDITS  
 Prereq: C+ OR BETTER IN JL MC 201  
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS  
 8513005 1 TR 9:30-11:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DIGITL VIDEO PRODUC JL MC 307 3 CREDITS  
 Note: SEC A1, B1 ECT RESTRICTED TO ADVRT, JL MC,  
 P R MAJORS ONLY. SEC A2, B2 ETC FOR MAJORS OTHER  
 THAN ADVRT, JL MC, P R  
 4727005 A1 MW 12:05-12:55  
 F 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4727010 A2 MW 12:05-12:55  
 F 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4727015 B1 MW 12:05-12:55  
 F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4727020 B2 MW 12:05-12:55  
 F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4727025 C1 MW 12:05-12:55  
 F 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4727030 C2 MW 12:05-12:55  
 F 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GATHER BRDCAST NEWS JL MC 308 3 CREDITS  
 Prereq: C+ OR BETTER IN JL MC 201  
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS  
 4665005 1 MW 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## JOURNALISM &amp; MASS COMMUNICATION (CONTINUED)

FUND PHOTOJOURNALISM JL MC 310 3 CREDITS  
 Prereq: C+ OR BETTER IN JL MC 201  
 Note: EQUIPMENT PURCHASE MAY BE REQUIRED.  
 RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY.  
 8688005 1 TR 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FUND MOBILE PHOTOGR JL MC 311 3 CREDITS  
 Note: CREDIT IN JL MC 311 MAY NOT BE APPLIED TOWARD  
 REQUIREMENTS FOR DEGREE BY ARTIS MAJORS  
 0185005 1 T 12:40-1:55, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: BLENDED COURSE; WILL MEET IN-PERSON AND ONLINE  
 Course delivery is WWW  
 0185010 2 TR 11:00-12:15 CHAMBERLIN D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

VISUL COMM DESIGN JL MC 316 3 CREDITS  
 Prereq: C+ OR BETTER IN JL MC 201  
 5325005 1 MW 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5325010 2 TR 12:10-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FEATURE WRITING JL MC 344 3 CREDITS  
 Prereq: C+ OR BETTER IN JL MC 302, JL MC 303 OR  
 P R 321  
 Note: CREDIT FOR EITHER JL MC 344 OR ENGL 303, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD JL MC AND ADVRT  
 DEGREE REQUIREMENTS. COURSE RESTRICTED TO JL MC,  
 ADVRT, P R MAJORS ONLY.  
 4674005 1 MW 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRO SKILL DEVEL:MAP JL MC 390A 1 CREDIT  
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR  
 PERMISSION FOR NONMAJORS  
 0417005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MEDIA: LAUNCH BAND JL MC 391Q 1 CREDIT  
 Satisfactory-Fail Only.  
 0924005 1 W 4:25-6:25PM  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction

MEDIA MANAGEMENT JL MC 406 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: JUNIOR CLASSIFICATION AND ABOVE  
 1812005 1 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW

MASS COMMUNICAT LAW JL MC 460 3 CREDITS  
 Prereq: JL MC 110, C+ OR BETTER IN JL MC 201,  
 JUNIOR CLASSIFICATION, NONMAJORS MUST HAVE PERMISSION  
 OF THE DEPARTMENT  
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P R JUNIORS  
 AND SENIORS  
 4688005 1 MWF 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MEDIA ETHICS,FREEDM JL MC 462 3 CREDITS  
 Prereq: JL MC 110, C+ OR BETTER IN JL MC 201,  
 CLASSIFICATION IN A GREENLEE SCHOOL MAJOR  
 4690005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4690010 2 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SOCL MEDIA STRATEGY JL MC 473 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 0604005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

COMM TECH&SOC CHANG JL MC 474 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Meets international perspectives reqmt  
 4692005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

DIVRSTY IN THE MDIA JL MC 477 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 4554005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

## JOURNALISM &amp; MASS COMMUNICATION (CONTINUED)

INDEP STDY CMUNCATN JL MC 490 VAR. CREDITS  
Prereq: JUNIOR CLASSIFICATION AND CONTRACT WITH  
SUPERVISING PROFESSOR TO REGISTER  
Note: NO MORE THAN 3 CREDITS OF ADVRT 490 OR JL MC 490  
OR P R 490 MAY BE APPLIED TOWARD A DEGREE IN THE  
GREENLEE SCHOOL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TP SPRT&MDIA,DIG JL MC 497K 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: TOPIC: SPORTS & THE MEDIA IN A DIGITAL  
24/7 WORLD  
RESTRICTED TO JUNIORS & ABOVE  
0153005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRO MDIA INTERN:REQ JL MC 499A 3 CREDITS  
Prereq: JL MC 110, FORMAL FACULTY ADVISR APPROVAL  
JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303  
ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301  
P R MAJORS: P R 301, C+ OR BETTER IN P R 321  
Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM  
THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION  
Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRO MDIA INTERN:OPT JL MC 499B 1- 3 CREDITS  
Prereq: JL MC 110, FORMAL FACULTY ADVISR APPROVAL  
JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303  
ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301  
P R MAJORS: P R 301, C+ OR BETTER IN P R 321  
Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM  
THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION  
Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THEORIES MASS COMM JL MC 501 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR PERMISSION  
OF INSTRUCTOR  
4725005 1 W 2:15-5:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

FUND CMM RSRCH MTHD JL MC 502 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN JL MC 501  
4726005 1 R 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMM TECH&SOC CHANG JL MC 574 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR PERMISSION  
OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
4736005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPICALZ JL MC 590B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH MTHD JL MC 590C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTR GRAD STU JRNLs JL MC 592 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION IN JL MC  
8072005 1 M 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CREATIVE COMPONENT JL MC 599 VAR. CREDITS  
Prereq: APPROVED CREDIT COMPONENT PROPOSAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## JOURNALISM &amp; MASS COMMUNICATION (CONTINUED)

THESIS RESEARCH JL MC 699 VAR. CREDITS  
Prereq: APPROVED THESIS PROPOSAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**KINESIOLOGY**

SWIMMING I KIN 101 1 CREDIT  
Satisfactory-Fail Only.  
5660005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SWIMMING II KIN 102 1 CREDIT  
Prereq: KIN 101  
Satisfactory-Fail Only.  
5661005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AQUATIC FITNESS KIN 108 1 CREDIT  
Prereq: KIN 102 OR PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
5665005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BADMINTON KIN 122 1 CREDIT  
Satisfactory-Fail Only.  
5671005 1 MWF 8:50-10:05  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction  
5671010 2 MWF 11:00-12:25  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

BOWLING KIN 129 1 CREDIT  
Satisfactory-Fail Only.  
5675005 1 MW 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5675010 2 MW 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5675015 3 TR 9:30-10:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5675020 4 TR 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RACQUETBALL KIN 144 1 CREDIT  
Satisfactory-Fail Only.  
5683005 1 MW 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5683010 2 MW 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TENNIS KIN 158 1 CREDIT  
Satisfactory-Fail Only.  
5690005 1 MWF 9:30-10:45  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
5690010 2 MWF 11:00-12:15  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

WALKING FOR FITNESS KIN 164 1 CREDIT  
Satisfactory-Fail Only.  
8867005 1 MWF 11:00-12:05  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
8867010 2 TR 9:30-11:05  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
8867015 3 TR 11:00-12:35  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

RUNNING FOR FITNESS KIN 165 1 CREDIT  
Satisfactory-Fail Only.  
5343005 1 MWF 8:00-9:20  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

WEIGHT TRAINING KIN 166 1 CREDIT  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: ATH 101, SKILL TECHNIQUE  
COURSE IN THE SAME SPORT AS THE ATH 101, KIN 166  
Satisfactory-Fail Only.  
5696005 1 MW 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5696010 2 MW 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5696015 3 MW 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5696020 4 MW 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5696025 5 MW 2:15-3:05  
MEETS: AUG 21-DEC 15

## KINESIOLOGY (CONTINUED)

WEIGHT TRAINING KIN 166 1 CREDIT  
Note: Course delivery is On-site instruction

JUDO KIN 168 1 CREDIT  
Satisfactory-Fail Only.  
5353005 1 MW 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TAEKWONDO/KARATE I KIN 170 1 CREDIT  
Satisfactory-Fail Only.  
5700005 1 TR 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HAPKIDO/MARTIAL ARTS KIN 173 1 CREDIT  
Satisfactory-Fail Only.  
5702005 1 MW 4:20-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

VOLLEYBALL KIN 182 1 CREDIT  
Satisfactory-Fail Only.  
5710005 1 TR 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5710010 2 TR 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOCCER KIN 185 1 CREDIT  
Satisfactory-Fail Only.  
5712005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CNCPTS FITNS&WELLN KIN 210 2 CREDITS  
8843005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

FUND TUMBLING&GYMNS KIN 231 1 CREDIT  
Prereq: PHYSICAL EDUCATION TEACHER EDUCATION  
SPECIALIZATION  
Note: COURSE RESTRICTED TO KIN H MAJORS. STUDENTS  
MUST BE ELIGIBLE FOR ADMISSION TO KINESIOLOGY  
TEACHER EDUCATION PROGRAM.  
Instructor permission required 1st week.  
9615005 1 MW 8:50-10:35  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

FUND TEAM SPORTS KIN 232 1 CREDIT  
Prereq: PHYSICAL EDUCATION TEACHER EDUCATION  
SPECIALIZATION  
Note: Instructor permission required 1st week.  
9616005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HEALTH CAREER PLAN KIN 242 .5 CREDIT  
Prereq: PRE-HEALTH PROFESSIONS SPECIALIZATION;  
SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO KIN H MAJORS ONLY  
Satisfactory-Fail Only.  
4697005 1 R 2:10-3:00  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction  
4697010 2 F 1:10-2:00  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

INTR DISCIPLINE KIN KIN 252 1 CREDIT  
7415005 1 T 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,  
KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY  
Course delivery is On-site instruction  
7415010 2 T 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH  
Course delivery is On-site instruction  
7415015 3 R 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH,  
KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY  
Course delivery is On-site instruction  
7415020 4 R 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN  
A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH  
Course delivery is On-site instruction

ORIEN KINESIOL&HLTH KIN 253 1 CREDIT  
Satisfactory-Fail Only.  
7498005 1 W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO KIN H, P ATR, A TR  
FRESHMEN AND SOPHOMORES ONLY  
Course delivery is On-site instruction  
7498010 2 M 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO KIN H, P ATR, A TR  
FRESHMEN AND SOPHOMORES ONLY  
Course delivery is On-site instruction

## KINESIOLOGY (CONTINUED)

ORIEN KINESIOL&HLTH KIN 253 1 CREDIT  
7498015 3 W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: SEC 3 RESTRICTED TO KIN H, A TR, P ATR  
MAJORS ONLY  
Course delivery is On-site instruction  
7498020 4 M 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: SEC 4 RESTRICTED TO KIN H, A TR, P ATR  
MAJORS ONLY  
Course delivery is On-site instruction  
7498025 5 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 5 RESTRICTED TO KIN H, A TR, P ATR  
MAJORS ONLY  
Course delivery is On-site instruction  
7498030 6 W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: SEC 6 RESTRICTED TO KIN H, P ATR, A TR  
FRESHMEN AND SOPHOMORES ONLY  
Course delivery is On-site instruction  
7498035 7 M 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: SEC 7 RESTRICTED TO KIN H, P ATR, A TR  
FRESHMEN AND SOPHOMORES ONLY  
Course delivery is On-site instruction

PRIN PHYSCL FIT&CON KIN 258 2 CREDITS  
Note: LECTURES (REPRESENTED BY THE ARRANGED TIME) WILL  
BE DELIVERED VIA WWW. THE SCHEDULED CLASSROOM TIMES  
ARE LABS. SEC A1,B1 ETC. RESTRICTED TO PDEXA, PDEXH,  
D EXA, D EXH, KIN H, A TR, P ATR MAJORS. CREDIT FOR  
EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE  
APPLIED TOWARD GRADUATION.  
5732005 A1 TR 8:00-8:50, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732010 A2 TR 8:00-8:50, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732015 B1 TR 9:00-9:50, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732020 B2 TR 9:00-9:50, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732025 C1 TR 9:55-10:45  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732030 C2 TR 9:55-10:45  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732035 D1 TR 11:00-11:50  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732040 D2 TR 11:00-11:50  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732045 E1 TR 12:10-1:00  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732050 E2 TR 12:10-1:00  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732055 F1 TR 1:10-2:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732060 F2 TR 1:10-2:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732065 G1 TR 2:10-3:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
5732070 G2 TR 2:10-3:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

LDRSHP TECH FITNESS KIN 259 3 CREDITS  
Prereq: KIN 258  
9622005 1 W 1:10-2:00  
M 1:10-3:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR,  
PDEXA, PDEXH, KIN H MAJORS ONLY  
Course delivery is Hybrid (Online and F2F)  
9622010 2 W 1:10-2:00  
M 3:20-5:10, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO A TR, D EXA, D EXH, P ATR,  
PDEXA, PDEXH, KIN H MAJORS ONLY  
Course delivery is Hybrid (Online and F2F)

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

ADV STRNGTH TRAINNG KIN 266 2 CREDITS  
 Prereq: KIN 258  
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH,  
 KIN, KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY  
 7421005 1 T 9:30-10:45  
 R 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FIELD EXP ELEM P E KIN 280 1 CREDIT  
 Prereq: PHYSICAL EDUCATION TEACHER EDUCATION  
 SPECIALIZATION  
 Note: COURSE RESTRICTED TO KIN H MAJORS ONLY  
 Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 5736005 1 F 7:45-11:15  
 MEETS: AUG 21-DEC 15  
 Note: FRIDAY MTGS FIRST TWO WEEKS OF SEMESTER ONLY.  
 REMAINDER OF COURSE IS EXPERIENCE.  
 Course delivery is On-site instruction  
 5736010 2 R 8:00-11:30  
 MEETS: AUG 21-DEC 15  
 Note: THURSDAY MTGS FIRST TWO WEEKS OF SEMESTER ONLY.  
 REMAINDER OF COURSE IS EXPERIENCE.  
 Course delivery is On-site instruction

FIELD EXP SECYD P E KIN 281 1 CREDIT  
 Prereq: PHYSICAL EDUCATION TEACHER EDUCATION  
 SPECIALIZATION  
 Note: COURSE RESTRICTED TO KIN H MAJORS ONLY  
 Satisfactory-Fail Only.  
 7699005 1 F 7:45-11:15  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction  
 7699010 2 R 8:00-11:30  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

FLD EXP EDUC OUTRCH KIN 282 1 CREDIT  
 Prereq: ADMISSION TO EDUCATOR PREPARATION  
 PROGRAM  
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION  
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 Satisfactory-Fail Only.  
 2959005 1 TR 3:30-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ELEM&PRESCH MVMT ED KIN 284 3 CREDITS  
 Prereq: 3 CREDITS IN HUMAN DEVEL & FAMILY STUDIES  
 Note: OPEN TO NON PHYSICAL EDUCATION TEACHER LICENSURE  
 STUDENTS ONLY. CREDIT FOR EITHER KIN 275/312 OR  
 KIN 284, BUT NOT BOTH, MAY BE APPLIED TOWARD  
 GRADUATION.  
 5737005 1 TR 9:00-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRE-INTERN KIN&HLTH KIN 285 1- 2 CREDITS  
 Prereq: KINESIOLOGY AND HEALTH MAJOR; CREDIT OR  
 CONCURRENT ENROLLMENT IN KIN 258; PERMISSION OF  
 INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 8750005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Department permission required.

INDEPENDENT STUDY KIN 290 1 CREDIT  
 Prereq: 2ND SEMESTER FRESHMEN OR SOPHOMORE  
 CLASSIFICATION; PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ELEM SCH MOVEMNT ED KIN 312 3 CREDITS  
 Prereq: ADMISSION TO EDUCATION PREPARATION  
 PROGRAM  
 Note: CREDIT FOR EITHER KIN 284 OR KIN 312,  
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 COURSE RESTRICTED TO KIN H MAJORS ONLY.  
 Instructor permission required 1st week.  
 5735005 1 MW 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

COACH THY&ADMIN ISS KIN 315 3 CREDITS  
 5372005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MGT HEALTH-FIT PROG KIN 345 3 CREDITS  
 7697005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,  
 FSHNA, FSHNH, KIN H, P ATR, P DEXA, P DEXH JUNIORS  
 AND SENIORS AND KIN MAJORS  
 Course delivery is On-site instruction  
 7697010 2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, FSHNA, FSHNH, KIN, KIN H,  
 P ATR, PDEXA, PDEXH  
 Course delivery is On-site instruction

BIOMECHANICS KIN 355 3 CREDITS  
 Prereq: PHYS 115 OR PHYS 131  
 5752005 1 MWF 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,  
 KIN H, P ATR, PDEXA, PDEXH JUNIORS AND ABOVE AND  
 KIN MAJORS  
 Course delivery is On-site instruction  
 5752010 2 MWF 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA,  
 PDEXH  
 Course delivery is On-site instruction  
 5752015 3 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH,  
 KIN H, P ATR, PDEXA, PDEXH JUNIORS AND ABOVE AND  
 KIN MAJORS  
 Course delivery is On-site instruction  
 5752020 4 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA,  
 PDEXH  
 Course delivery is On-site instruction

EXERCISE PHYSIOLOGY KIN 358 3 CREDITS  
 Prereq: BIOL 255; BIOL 256  
 5766005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, KIN,  
 KIN H, P ATR, PDEXA, PDEXH JUNIORS AND ABOVE  
 Course delivery is On-site instruction  
 5766010 2 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH  
 Course delivery is On-site instruction  
 5766015 3 MWF 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH, KIN,  
 KIN H, P ATR, PDEXA, PDEXH JUNIORS AND ABOVE  
 Course delivery is On-site instruction  
 5766020 4 MWF 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH  
 Course delivery is On-site instruction

EXERCSE PHYSIOL LAB KIN 359 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN KIN 358  
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH,  
 FSHNA, FSHNH, KIN, KIN H, P ATR, PDEXA, PDEXH  
 JUNIORS & ABOVE  
 0139005 1 T 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0139010 2 T 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0139015 3 T 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0139020 4 T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0139025 5 T 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0139030 6 T 6:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0139035 7 R 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0139040 8 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0139045 9 R 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0139050 10 R 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0139055 11 R 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0139060 12 R 6:10-8:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SOC PHY ACTV&HEALTH KIN 360 3 CREDITS  
 Prereq: SOC 134  
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, FSHNA,  
 FSHNH, KIN, KIN H, ATR, P ATR, PDEXA, PDEXH JRS AND  
 ABOVE. SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR,  
 D EXA, D EXH, FSHNA, FSHNH, KIN, KIN H, P ATR, PDEXA,  
 PDEXH  
 Meets U.S. diversity reqmt  
 5753005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5753010 2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction



## KINESIOLOGY

(CONTINUED)

BASC ELECADIOGRPHY KIN 363 2 CREDITS  
2074005 1 MW 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPORT PSYCHOLOGY KIN 365 3 CREDITS  
Prereq: PSYCH 101 OR PSYCH 230  
Note: Instructor permission required 1st week.  
5754005 A1 W 2:15-3:05, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO A TR, DEX A, DEX H, KIN H  
P ATR, PDEXH JUNIORS AND SENIORS AND KIN MAJORS  
Course delivery is Hybrid (Online and F2F)  
5754010 A2 W 2:15-3:05, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN  
A TR, DEX A, DEX H, KIN, KIN H, P ATR, PDEXA, PDEXH  
Course delivery is Hybrid (Online and F2F)

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS  
Prereq: PSYCH 101 OR PSYCH 230  
7190005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, KIN H,  
P ATR, PDEXA, PDEXH JRS AND SENIORS AND KIN, FSHNA,  
FSHNA MAJORS  
Course delivery is On-site instruction  
7190010 2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR,  
D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH, FSHNH,  
FSHNA  
Course delivery is On-site instruction

MOTOR CNTROL LIFESP KIN 372 3 CREDITS  
Prereq: BIOL 255; BIOL 256; (PSYCH 101 OR PSYCH  
230)  
Note: SEC A1, B1 RESTRICTED TO A TR, D EXA, D EXH,  
KIN H, P ATR, PDEXA, PDEXH JRS AND SENIORS AND  
KIN MAJORS  
SEC A2, B2 FOR MAJORS OTHER THAN A TR, D EXA,  
D EXH, KIN H, P ATR, PDEXA, PDEXH JRS & SRS &  
KIN  
9623005 A1 MWF 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9623010 A2 MWF 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9623015 B1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
9623020 B2 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERNSH SRCH STRAT KIN 385 .5 CREDIT  
Prereq: JUNIOR CLASSIFICATION  
Note: COURSE RESTRICTED TO A TR, DEX A, DEX H, KIN,  
KIN H, PDEXA, PDEXH JUNIORS AND ABOVE  
Satisfactory-Fail Only.  
5761005 1 R 2:10-3:00, ARRANGED  
MEETS: AUG 21-OCT 13  
Note: Course delivery is Hybrid (Online and F2F)  
5761010 2 F 1:10-2:00, ARRANGED  
MEETS: AUG 21-OCT 13  
Note: Course delivery is Hybrid (Online and F2F)

SRV LRN LEADSHP EXP KIN 391 1- 3 CREDITS  
Satisfactory-Fail Only.  
6691005 1 ARRANGED  
MEETS: AUG 21-DEC 15

ADAPTED PHYSICAL ED KIN 395 3 CREDITS  
Prereq: ADMISSION TO EDUCATION PREPARATION  
PROGRAM  
Note: CREDIT FOR EITHER KIN 395 OR KIN 595,  
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
RESTRICTED TO STUDENTS WITH FULL ADMISSION  
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
5760005 1 MW 12:05-12:55  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5760010 2 MW 12:05-12:55  
F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SUPV TCHG-SECONDARY KIN 417 VAR. CREDITS  
Prereq: KIN 281; KIN 282; KIN 313; KIN 355;  
KIN 395; KIN 471; KIN 475; (PHYSICAL EDUCATION  
TEACHER EDUCATION SPECIALIZATION OR ADMISSION TO  
EDUCATION PREPARATION PROGRAM); PERMISSION OF ADVISOR  
Note: COURSE ONLY OFFERED FOR 1-8 CREDITS FALL 2022.  
RESTRICTED TO STUDENTS OF THE EDUCATOR PREP  
PROGRAM  
MUST APPLY FOR APPROVAL TO ENROLL AT BEGINNING OF  
THE SEMESTER PRIOR TO REGISTERING.  
5764005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
5764010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

## KINESIOLOGY

(CONTINUED)

SUPV TCHG-SECONDARY KIN 417 VAR. CREDITS  
5764015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
5764020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

SUPR TCHG-ELEMENTRY KIN 418 8 CREDITS  
Prereq: KIN 280; KIN 282; KIN 312; KIN 355;  
KIN 395; KIN 471; KIN 475; (PHYSICAL EDUCATION  
EACHER EDUCATION SPECIALIZATION OR ADMISSION TO  
EDUCATION PREPARATION PROGRAM); PERMISSION OF ADVISOR  
Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP  
PROGRAM  
MUST APPLY FOR APPROVAL TO ENROLL AT BEGINNING OF  
THE SEMESTER PRIOR TO REGISTERING  
5765005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
5765010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
5765015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
5765020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

PRIN FITNESS ASSESS KIN 458 4 CREDITS  
Prereq: MINIMUM OF C- IN KIN 358  
Note: COURSE RESTRICTED TO KIN H, D EXA, D DEXH,  
A TR, P ATR, PDEXA, PDEXH JUNIORS AND SENIORS AND  
KIN GRADUATE STUDENTS  
5767005 1 MWF 1:10-2:00  
T 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5767010 2 MWF 1:10-2:00  
T 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5767015 3 MWF 1:10-2:00  
T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERN EXER LEADRSH KIN 459 1 CREDIT  
Prereq: C- OR BETTER IN KIN 259; CREDIT OR  
CONCURRENT ENROLLMENT IN KIN 458  
3473005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

MEDIC ASPECTS EXERC KIN 462 3 CREDITS  
Prereq: MINIMUM OF C- IN KIN 358  
Note: COURSE RESTRICTED TO KIN H, D EXA, D DEXH,  
A TR, P ATR, PDEXA, PDEXH JUNIORS AND SENIORS AND  
FSHNA, FSHNH, KIN GRADUATE STUDENTS  
5763005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5763010 2 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EXRCSE MENTAL HEALT KIN 466 3 CREDITS  
Prereq: KIN 366 OR SENIOR CLASSIFICATION IN  
PSYCHOLOGY OR PERMISSION OF INSTRUCTOR  
Note: SEC 1 RESTRICTED TO A TR, D EXA, KIN, KIN H,  
P ATR, PDEXA JRS & ABOVE. SEC 2 RESTRICTED TO PSYCH  
JRS & SRS.  
0493005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0493010 2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EXERC&HLTH:BHVR CHG KIN 467 3 CREDITS  
Prereq: KIN 366 OR PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO KIN H, D EXA, D DEXH,  
A TR, P ATR, PDEXA, PDEXH JUNIORS AND SENIORS AND  
KIN GRADUATE STUDENTS  
6255005 1 W 9:55-11:45, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

NEURL BASIS HUM MVT KIN 472 3 CREDITS  
Prereq: KIN 372 OR PSYCH 310  
7322005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, KIN H,  
P ATR, PDEXA, PDEXH JR & SR  
Course delivery is On-site instruction

## KINESIOLOGY

(CONTINUED)

MUSIC & NEUROSCIENC KIN 474X 3 CREDITS  
Prereq: KIN 372 OR PERMISSION BY INSTRUCTOR  
1383005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

PE CURRIC DSN & ORG KIN 475 3 CREDITS  
Prereq: KIN 280; KIN 281; ADMISSION TO EDUCATOR  
PREPARATION PROGRAM  
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO  
THE UNIVERSITY TEACHER EDUCATION PROGRAM  
5771005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FUNCTIONAL ANATOMY KIN 480 3 CREDITS  
Prereq: (BIOL 155 OR BIOL 255); BIOL 256; KIN 355  
Note: COURSE RESTRICTED TO KIN H, D EXA, D DEXH,  
A TR, P ATR, PDEXA, PDEXH JUNIORS AND SENIORS AND  
KIN GRADUATE STUDENTS  
6175005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRN EXERCISE SCI KIN 485A 8-12 CREDITS  
Prereq: SR STATUS; EXERCISE SCI SPECIALIZATION;  
C- OR BETTER IN (KIN 355; KIN 358; KIN 359; KIN 366;  
KIN 372; KIN 458; KIN 459; KIN 462; H S 350);  
CUMULATIVE GPA 2.0; PERMISSION OF INTERNSHIP COOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY EXER&SPRT KIN 490A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS KIN 490H 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UG TEACHING EXPERNK KIN 491 1- 2 CREDITS  
Prereq: JUNIOR CLASSIFICATION OR HIGHER;  
PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRA MOTV INTVW:PRIN KIN 494A 1 CREDIT  
Prereq: JUNIOR CLASSIFICATION OR HIGHER;  
PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
9731005 1 T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRA MOTV INTVW:SUPV KIN 494B 1- 2 CREDITS  
Prereq: JUNIOR CLASSIFICATION OR HIGHER;  
PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
9729005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EXER PHYSIO LAB TEC KIN 505 3 CREDITS  
Prereq: KIN 358 OR EQUIVALENT COURSE WITH BASIC  
LAB EXPERIENCE  
5781005 1 ARRANGED, M 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INJURY BIOMECHANICS KIN 515 3 CREDITS  
Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR  
9573005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV VERTB PHYSIOL I KIN 549 4 CREDITS  
Prereq: RECOMMENDED: AN UNDERGRADUATE PHYSIOLOGY  
COURSE AND A BIOCHEMISTRY COURSE  
2329005 1 TR 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EXERC&HLTH:BHVR CHG KIN 567 3 CREDITS  
Prereq: KIN 366 OR PERMISSION OF INSTRUCTOR  
3232005 1 W 9:55-11:45, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

NEURAL BASIS HM MVT KIN 572 3 CREDITS  
Prereq: KIN 372 OR PSYCH 310  
7327005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## KINESIOLOGY

(CONTINUED)

PHY ACTV&HLTH AGING KIN 573X 3 CREDITS  
Prereq: KIN 355; KIN 358; KIN 366; KIN 372 OR  
EQUIVALENT; OR PERMISSION OF INSTRUCTOR  
1496005 1 M 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PE CURRIC DSN & ORG KIN 575 3 CREDITS  
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO  
THE UNIVERSITY TEACHER EDUCATION PROGRAM  
7460005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS P E KIN 590A 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 590B 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO KIN 590E 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS KIN 590H 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH ETHCS KIN 590I 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1- 6 CREDITS  
Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP EX PHYS KIN 591D 1- 6 CREDITS  
Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACTCM COLLEG TCHG KIN 592 1- 3 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADAPTED PHYSCL EDUC KIN 595 3 CREDITS  
Prereq: ADMISSION TO EDUCATION PREPARATION  
PROGRAM  
Note: KIN 595 MAY NOT BE TAKEN BY STUDENTS WHO  
HAVE PREVIOUSLY EARNED CREDIT IN KIN 395.  
RESTRICTED TO KIN MAJORS ONLY.  
Instructor permission required 1st week.  
5796005 1 MW 12:05-12:55  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5796010 2 MW 12:05-12:55  
F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CREATIVE COMPONENT KIN 599 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR KIN 615 1- 3 CREDITS  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2022  
Instructor permission required 1st week.  
5812005 1 F 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV RESR MTHDS ACTV KIN 620 3 CREDITS  
Prereq: KIN 501, STAT 402, STAT 587, DOCTORAL  
PROGRAM STUDENT  
7461005 1 W 6:10-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ADV TOPCS NEUROSCNC KIN 661 3 CREDITS  
0873005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## KINESIOLOGY

(CONTINUED)

RESEARCH KIN 699 1- 6 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**LANDSCAPE ARCHITECTURE**

STUDIO:LNDSKP INTRP L A 201 6 CREDITS

Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM

Note: COURSE RESTRICTED TO L A MAJORS ONLY

Instructor permission required 1st week.

4765005 1 MWF 1:10-4:30  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

NATIV PLNTS MIDWEST L A 221 3 CREDITS

Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM

Note: COURSE RESTRICTED TO L A MAJORS ONLY

6091005 1 TR 8:00-8:50  
 TR 9:00-12:15  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

DEVEL ID AS L ARCH L A 241 1 CREDIT

Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM

Note: COURSE RESTRICTED TO L A MAJORS ONLY

Satisfactory-Fail Only.

3447005 1 MF 11:00-11:50  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

FND NAT R PLCY&HIST L A 270 3 CREDITS

3566005 1 ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

3566010 2 ARRANGED SKRYNNIKOVA L

MEETS: AUG 21-DEC 15

Note: Course delivery is WWW

LANDSCAPE STUDIES L A 272 3 CREDITS

Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM

Note: COURSE RESTRICTED TO L A MAJORS ONLY

6095005 1 MW 8:50-10:20  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

LNDSKP FORM,PROCESS L A 281 3 CREDITS

Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM

Note: COURSE RESTRICTED TO L A MAJORS ONLY

6108005 1 TR 2:10-3:25, ARRANGED  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

SITE DESIGN II L A 301 6 CREDITS

Prereq: L A 202

Note: Instructor permission required 1st week.

4777005 1 F 1:10-4:30  
 MW 1:10-4:30  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

4777010 2 F 1:10-4:30  
 MW 1:10-4:30  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

FUND PLANTNG DESIGN L A 322 3 CREDITS

Prereq: L A 221

6403005 1 TR 11:00-1:55  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

LNDSKP:ANTQ TO 1750 L A 373 3 CREDITS

Note: Meets international perspectives reqmt

4768005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15

Note: SEC 1 RESTRICTED TO L A, P LA MAJORS ONLY

Course delivery is On-site instruction

4768010 2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15

Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN L A, P LA

Course delivery is On-site instruction

SHAPING THE LAND L A 381 3 CREDITS

Prereq: MATH 140, MATH 143, MATH 145, OR MATH 165

Note: Instructor permission required 1st week.

4782005 1 MW 11:00-11:50  
 F 9:55-11:45  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

URBAN DESIGN L A 402 6 CREDITS

Prereq: L A 302

6174005 1 F 1:10-4:30  
 MW 1:10-4:30  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

6174010 2 F 1:10-4:30  
 MW 1:10-4:30  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

## LANDSCAPE ARCHITECTURE

(CONTINUED)

ADV LAND ARC DESIGN L A 404 6 CREDITS

Prereq: L A 401

Note: Instructor permission required 1st week.

4781005 1 MWF 1:10-4:30  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

4781010 2 MWF 1:10-4:30  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

LAND ARCH INTERNSHP L A 444A R CREDIT

Prereq: L A 341 OR PERMISSION OF ADVISOR AND

CHAIR

3036005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

TOPIC PLANTNG DSGN L A 478B 2- 3 CREDITS

Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION

3911005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

Note: SEC 1 TOPIC: NATIVE PLANTS

Course delivery is On-site instruction

TOPIC HIST/THRY/CRT L A 478D 2- 3 CREDITS

Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION

3917005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

Note: SEC 1 TOPIC: LANDSCAPE HISTORY FROM 1750 TO 1995

Course delivery is On-site instruction

LANDSCAP CONSTRUCTN L A 481 3 CREDITS

Prereq: L A 381

6222005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

IND STDY LAND DSGN L A 490A 1- 6 CREDITS

Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

Note: Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY PLNTNG DSN L A 490B 1- 6 CREDITS

Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

Note: Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT L A 490C 1- 6 CREDITS

Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

Note: Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY L A 490D 1- 6 CREDITS

Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

Note: Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU LANDSC PLAN L A 490E 1- 6 CREDITS

Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

Note: Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY URBAN DSGN L A 490F 1- 6 CREDITS

Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

Note: Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY GRAPHICS L A 490G 1- 6 CREDITS

Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

Note: Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS L A 490H 1- 6 CREDITS

Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

MEMBERSHIP IN UNIV HONORS PROGRAM

Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY

HONORS PROGRAM ONLY

Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERDISC L A 490I 1- 6 CREDITS

Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

Note: Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU INT'L STUDI L A 490J 1- 6 CREDITS

Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

Note: Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY CMPTR APPL L A 490K 1- 6 CREDITS

Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

Note: Instructor permission required 1st week.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## LANDSCAPE ARCHITECTURE (CONTINUED)

IND STDY ECO DESIGN L A 490L 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOCIAL/BHV L A 490M 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU NATU RESRCE L A 490N 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

FIELD TRAVEL L A 509 1 CREDIT  
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM,  
PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
8788005 1 ARRANGED  
MEETS: AUG 21-DEC 15

DESIGN INQUIRY L A 541 3 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
4806005 1 ARRANGED  
MEETS: AUG 21-DEC 15

TOPIC PLANTNG DSIGN L A 578B 2- 3 CREDITS  
Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION  
7152005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 TOPIC: NATIVE PLANTS  
Course delivery is On-site instruction

TOPIC HIST/THRY/CRT L A 578D 2- 3 CREDITS  
Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION  
7168005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 TOPIC: LANDSCAPE HISTORY FROM 1750 TO 1995  
Course delivery is On-site instruction

THESIS CRTV CMP,TUT L A 580 1- 4 CREDITS  
Prereq: PERMISSION OF MAJOR PROFESSOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

LANDSCP TOPOGRAPHCS L A 583 3 CREDITS  
Prereq: L A 602  
8758005 1 MW 11:00-11:50  
F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPL TOP LANDSC DSGN L A 590A 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY L A 590D 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN L A 590E 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSGN L A 590F 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS L A 590G 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## LANDSCAPE ARCHITECTURE (CONTINUED)

SPL TOP INTERDISCIP L A 590I 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL L A 590K 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BEHV L A 590M 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A 590N 1- 6 CREDITS  
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF  
GRADUATE EDUCATION ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT L A 599 1- 8 CREDITS  
Prereq: PERMISSION OF MAJOR PROF  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

STUDIO I:DESIGN REP L A 601 6 CREDITS  
Prereq: GRADUATE STANDING  
8306005 1 MWF 9:00-12:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STDO III:PERFMC SCP L A 603 6 CREDITS  
Prereq: L A 602  
8761005 1 MWF 1:10-4:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STDO V:LND WRKS/DGT L A 605 6 CREDITS  
Prereq: L A 604  
4030005 1 MWF 1:10-4:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THESIS RESEARCH L A 699 1- 8 CREDITS  
Prereq: PERMISSION OF MAJOR PROFESSOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**LATIN**

ELEMENTARY LATIN I LATIN 101 3 CREDITS  
Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS  
OF HIGH SCHOOL LATIN MAY NOT ENROLL IN 101.  
TESTOUT NOT AVAILABLE IF ALSO REGISTERED.  
4854005 1 MWF 12:05-12:55 HALL A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4854010 2 MWF 2:15-3:05 HALL A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY LATIN 490 1- 6 CREDITS  
Prereq: 9 CREDITS IN LATIN; PERMISSION OF  
DEPARTMENT CHAIR  
Note: NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE  
APPLIED TOWARD GRADUATION  
Permission of department chair required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**LEADERSHIP STUDIES**

CAMPUS LDRSHP DEVEL LD ST 270 3 CREDITS  
9524005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY LD ST 290 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF LD ST 290 OR LD ST 490  
MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## LEADERSHIP STUDIES

(CONTINUED)

LEADRSH THRY&PRACT LD ST 301 3 CREDITS  
 0523005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0523010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

0523015 3 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

LDRSH DIVERSE SOCI LD ST 322 3 CREDITS  
 Note: Meets U.S. diversity reqmt

4949005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4949010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

4949015 3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

WOMN,GNDR&LEADRSH LD ST 333 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Meets U.S. diversity reqmt

4980005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPL TOPC: LEADRSH LD ST 370 1- 3 CREDITS  
 9937005 1 MW 3:20-4:10  
 MEETS: OCT 16-DEC 15  
 Note: SEC 1 TOPIC: LEADERSHIP SKILLS FOR COLLEGE & LIFE  
 Course delivery is On-site instruction

INDEPENDENT STUDY LD ST 490 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 6 CREDITS OF LD ST 290 OR LD ST 490  
 MAY BE APPLIED TOWARD GRADUATION  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**LEARNING AND LEADERSHIP SCIENCES**

FOUND LEARNING&TEAM L L S 112 2 CREDITS  
 3590005 1 T 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3590010 2 T 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HABITS OF MIND LD RS L L S 212 2 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
 L L S 114

3591005 1 W 4:25-6:15PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

LRNG&LDR IN PRACTCE L L S 412 3 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
 L L S 312

3595005 1 W 4:25-6:45PM  
 MEETS: AUG 21-DEC 15

**LIBERAL ARTS & SCIENCES**

ORIENTATION LAS 101 1 CREDIT  
 Satisfactory-Fail Only.

6241005 1 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-OCT 27  
 Note: Course delivery is On-site instruction

6241010 2 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-OCT 27  
 Note: Course delivery is On-site instruction

6241015 3 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-OCT 27  
 Note: Course delivery is On-site instruction

6241020 4 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-OCT 27  
 Note: Course delivery is On-site instruction

6241025 5 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-OCT 27  
 Note: Course delivery is On-site instruction

6241030 6 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-OCT 27  
 Note: Course delivery is On-site instruction

6241035 7 M 3:20-4:10  
 W 3:20-4:10  
 MEETS: AUG 21-OCT 27  
 Note: Course delivery is On-site instruction

6241040 8 M 3:20-4:10  
 W 9:55-10:45  
 MEETS: AUG 21-OCT 27  
 Note: Course delivery is On-site instruction

## LIBERAL ARTS &amp; SCIENCES

(CONTINUED)

ORIENTATION LAS 101 1 CREDIT  
 6241045 9 M 9:55-10:45  
 W 3:20-4:10  
 MEETS: AUG 21-OCT 27  
 Note: Course delivery is On-site instruction

6241050 10 ARRANGED  
 MEETS: AUG 21-OCT 27  
 Note: SEC 10 FOR STUDENT ATHLETES  
 Course delivery is WWW

BOLD LRNG CMM ORIEN LAS 105 1 CREDIT  
 Prereq: MEMBERSHIP IN THE BOLD LEARNING COMMUNITY  
 Satisfactory-Fail Only.

8953005 1 W 3:20-4:35  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required.  
 Course delivery is On-site instruction

DEANS LDRSH SMNR I LAS 151 1 CREDIT  
 Prereq: COLLEGE PERMISSION

8010005 1 W 4:25-5:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PROFSNL CAREER PREP LAS 203 1 CREDIT  
 Satisfactory-Fail Only.

0294005 1 TR 3:40-4:30  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction

0294010 2 MW 12:05-12:55  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

0294015 3 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW

0294020 4 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW

PRE-LAW SEMINAR LAS 240 1 CREDIT  
 Satisfactory-Fail Only.

4763005 1 MF 9:55-10:45  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

STEM SCHOLARS SEMNR LAS 245 1 CREDIT  
 Satisfactory-Fail Only.

4866005 1 M 4:25-5:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDEPENDENT STUDY LAS 290 1- 3 CREDITS  
 Prereq: COLLEGE PERMISSION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROJCTS ADVISNG LAS 293B 1- 3 CREDITS  
 Prereq: COLLEGE PERMISSION  
 Note: COURSE OFFERED FOR 1 CREDIT FALL 2022  
 Instructor permission required.  
 Satisfactory-Fail Only.

2998005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

SPECIAL PROJECTS LAS 293D 1- 3 CREDITS  
 Prereq: COLLEGE PERMISSION  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INNOV&ENTRPRNSHP I LAS 345 1 CREDIT  
 Prereq: COLLEGE PERMISSION

2624005 1 T 4:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

UNDERGRAD RESEARCH LAS 399 R CREDIT  
 Prereq: COLLEGE PERMISSION

4918005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: College permission required.

LAS LAW LAS 400 R CREDIT  
 Note: College permission required.

9763005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Tuition Category: Regents Summer Study Abroad

INDEPENDENT STUDY LAS 490A VAR. CREDITS  
 Prereq: COLLEGE PERMISSION  
 Note: PERMISSION OF THE DEAN OF LAS REQUIRED TO ADD.  
 PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES  
 CENTER. NO MORE THAN 9 CREDITS OF LAS 490 MAY BE  
 APPLIED TOWARD GRADUATION.  
 College permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## LIBERAL ARTS &amp; SCIENCES

(CONTINUED)

IND STDY ENTREPRNSH LAS 490E VAR. CREDITS  
 Prereq: COLLEGE PERMISSION  
 Note: PERMISSION OF THE DEAN OF LAS REQUIRED TO ADD.  
 PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES  
 CENTER. NO MORE THAN 9 CREDITS OF LAS 490 MAY BE  
 APPLIED TOWARD GRADUATION.  
 College permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## LIBRARY

INTR COLL LVL RSRCH LIB 160 1 CREDIT  
 Prereq: COMPLETION OF ENGL 101 REQUIREMENT  
 Note: TEST-OUT EXAM SCHEDULED WED., AUG 31; THURS.  
 SEPT. 1; WED., OCT. 26; THURS., OCT. 27. SPECIAL  
 LIBRARY TEST-OUT FEE IS \$100. FOR DETAILS CALL  
 515-294-4527 OR VISIT HTTP://GOIASTATE.EDU/L160  
 Satisfactory-Fail Only.  
 4862005 1 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1 FOR HONORS PROGRAM STUDENTS  
 ENTERING ISU SUMMER 2023 OR FALL 2023  
 Course delivery is WWW  
 4862010 2 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW  
 4862015 3 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW  
 4862020 4 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW  
 4862025 5 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW  
 4862030 6 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW  
 4862035 7 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW  
 4862040 8 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW  
 4862045 9 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW  
 4862050 10 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW  
 4862055 11 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW  
 4862060 12 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW  
 4862065 13 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW  
 4862070 14 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW  
 4862075 15 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW  
 4862080 16 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW  
 4862085 17 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW

## LINGUISTICS

INTRO STDY LINGUIST LING 101 1 CREDIT  
 7490005 1 W 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 INTRO WORLD LANGUAG LING 119 3 CREDITS  
 Note: Meets international perspectives reqmt  
 6257005 1 MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: SECT 1 RESTRICTED TO LING MAJORS ONLY  
 Course delivery is On-site instruction  
 6257010 2 MWF 3:20-4:10  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 COMPUTERS & LANGUAGE LING 120 3 CREDITS  
 6187005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## LINGUISTICS

(CONTINUED)

INTR SYMBOLIC LOGIC LING 207 3 CREDITS  
 8592005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 INTRO LINGUISTICS LING 219 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES, JUNIORS,  
 AND SENIORS ONLY  
 8593005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: SECT 1 RESTRICTED TO SOPHOMORES, JUNIORS  
 AND SENIORS ONLY  
 Course delivery is On-site instruction  
 8593010 2 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO SOPHOMORES, JUNIORSS  
 AND SENIORS LING OR ENGL MAJORS  
 Course delivery is On-site instruction  
 DESCRP ENGL GRAMMAR LING 220 3 CREDITS  
 Prereq: ENGL 250  
 Note: SEC A1,B1,ETC. RESTRICTED TO ENGL, TCOMM,  
 LING MAJORS ONLY. SEC A2,B2,ETC. RESTRICTED  
 TO MAJORS OTHER THAN ENGL, TCOMM, LING.  
 8594005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8594010 2 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8594015 3 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8594020 4 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 INTRO CULTUR&LANGUA LING 309 3 CREDITS  
 Note: Meets international perspectives reqmt  
 8599005 1 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW  
 INTRO ESL MTHDS&MAT LING 318 3 CREDITS  
 Prereq: ENGL 219 OR LING 219  
 8996005 1 R 6:10-7:30PM  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 INTR TCHG ESL LTRCY LING 324 3 CREDITS  
 Prereq: ENGL 219 OR LING 219  
 3159005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 THEORY OF COMPUTING LING 331 3 CREDITS  
 Prereq: COM S 228, COM S 229, COM S 330 OR CPR E  
 310; MATH 166, ENGL 250  
 8601100 A MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8601005 1 F 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 8601010 2 F 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 INTR SPAN/ENG TRNSL LING 351 3 CREDITS  
 Prereq: SPAN 301, SPAN 303 OR SPAN 304  
 Note: Meets international perspectives reqmt  
 4036005 1 ARRANGED PARDÓ-BALLESTER  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 4036010 2 ARRANGED WALDEMER T  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 SPANISH PRONUNCIATN LING 352 3 CREDITS  
 Prereq: SPAN 303A OR SPAN 303B OR SPAN 304  
 Note: Meets international perspectives reqmt  
 3492005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 INTR SPN-ENG INTERP LING 354 3 CREDITS  
 Prereq: SPAN 351  
 Note: Meets international perspectives reqmt  
 9274005 1 MWF 11:00-11:50 PARDÓ-BALLESTER  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 HIST OF ENGLISH LANG LING 420 3 CREDITS  
 Prereq: (ENGL 219 OR LING 219); (ENGL 220 OR LING  
 220)  
 Note: NOT OPEN TO FRESHMEN OR SOPHOMORES  
 8605005 1 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## LINGUISTICS

(CONTINUED)

2ND LANG LRNG&TCHNG LING 425 3 CREDITS  
Prereq: (ENGL 219 OR LING 219); JUNIOR  
CLASSIFICATION  
9594005 1 MW 4:25-5:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GRAMMATICAL ANALYSI LING 437 3 CREDITS  
Prereq: (ENGL 219 OR LING 219); (ENGL 220 OR LING  
220); JUNIOR CLASSIFICATION  
Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES  
8604005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LANG&RDG DEVEL CHLD LING 471 3 CREDITS  
Prereq: ENGL 219 OR LING 219 OR PSYCH 230  
8606005 1 R 4:10-5:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 STUDENTS WILL MEET SYNCHRONOUSLY FOR 1 HOUR  
A WEEK, AT 4:10PM-5:00PM. TWO HOURS A WEEK WILL BE  
COMPLETED ASYNCHRONOUSLY  
Course delivery is WWW

IND STU LINGUISTICS LING 490B VAR. CREDITS  
Prereq: 9 CREDITS BEYOND ENGL 250; JUNIOR  
CLASSIFICATION; DEPARTMENT PERMISSION  
Note: Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY LING ANTHR LING 490D 1-5 CREDITS  
Prereq: 9 CREDITS IN ANTHR; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF ANTHR 490/LING 490D  
MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LANGU ASSES PRACTM LING 513 3 CREDITS  
Prereq: ENGL 519  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
9060005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

CORPUS LINGUISTICS LING 517 3 CREDITS  
Prereq: ENGL 511 OR LING 511 OR AN INTRODUCTORY  
COURSE IN LINGUISTICS  
3667005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2ND LANUAGE ASSESSM LING 519 3 CREDITS  
Prereq: ENGL 511  
9070005 1 MW 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TCHG 2D LANG PRONUN LING 525 3 CREDITS  
Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS  
Note: COURSE RESTRICTED TO ENGL, LING GRADUATE MAJORS  
ONLY  
4479005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR SPN-ENG INTERP LING 554 3 CREDITS  
Prereq: SPAN 351  
Note: Meets international perspectives reqmt  
9098005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRA TCH ENG 2ND LNG LING 588 3 CREDITS  
Prereq: 9 CREDITS TOWARD TESL/TEFL CERTIFICATE OR  
15 CREDITS TOWARD TESL/AL MASTER'S DEGREE.  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND  
LINGUISTICS MAJORS  
6550005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPL TOP TESL/LINGUI LING 590B VAR. CREDITS  
Prereq: PERMISSION OF THE GRADUATE STUDIES  
COMMITTEE ACCORDING TO GUIDELINES AVAILABLE IN THE  
DEPARTMENT OFFICE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP APP LING&TEC LING 590G VAR. CREDITS  
Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE  
ACCORDING TO GUIDELINES AVAILABLE IN ENGL DEPT OFFICE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DIR RDG:LING&TECHNL LING 591G VAR. CREDITS  
9942005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 TOPIC: BAYESIAN STATISTICS IN LINGUISTICS  
USING R  
Department permission required.

## LINGUISTICS

(CONTINUED)

RSRCH LING MTH:QUAL LING 623B 3 CREDITS  
Prereq: ENGL 511 OR LING 511  
2639005 1 MW 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SMNR APPLD LINGUIST LING 630 3 CREDITS  
Prereq: ENGL 510, ENGL 511  
6567005 1 MW 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6567010 2 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MANAGEMENT

CORPORATE ENTREPREN MGMT 320 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO UNDERGRAD STUDENTS  
SOPH & ABOVE.  
COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT  
PERMISSION FROM 1200 GERDIN  
8543005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8543010 2 R 6:00-8:45PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8543015 3 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS  
Prereq: ECON 101 OR ECON 102  
Note: COURSE RESTRICTED TO UNDERGRAD STUDENTS  
SOPH & ABOVE.  
5282005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

5282010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: SEC A1,B1,ETC RESTRICTED BUSINESS UNDERGRAD  
STUDENTS SOPH & ABOVE.  
SEC A2,B2,ETC FOR COLLEGES OTHER THAN BUSINESS SOPH &  
ABOVE. GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION  
TO ADD  
5283005 A1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283010 A2 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283015 B1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283020 B2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283025 C1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283030 C2 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283035 D1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283040 D2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283045 E1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283050 E2 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283055 F1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283060 F2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283065 G1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283070 G2 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283075 J1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283080 J2 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283085 K1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5283090 K2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MANAGEMENT

(CONTINUED)

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS  
 5283095 L1 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5283100 L2 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5283115 M3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SECT M3 RESTRICTED TO UNDERGRAD MAJORS  
 SOPH & ABOVE.  
 Course delivery is WWW  
 5283130 N3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SECT N3 RESTRICTED TO UNDERGRAD MAJORS  
 SOPH & ABOVE.  
 Course delivery is WWW  
 5283135 P1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 5283150 Q3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SECT Q3 RESTRICTED TO UNDERGRAD MAJORS  
 SOPH & ABOVE.  
 Course delivery is WWW  
 5283155 Q4 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC Q4 RESTRICTED TO BBA SOPH & ABOVE  
 Course delivery is WWW

ETHCL&RESPONSBL MGT MGMT 372 3 CREDITS  
 Prereq: PHIL 230  
 Note: SEC 1,3,4,6,7,9,10 RESTRICTED TO UNDERGRADUATE  
 BUSINESS STUDENTS SOPH & ABOVE. SEC 2,5,8  
 RESTRICTED TO ALL UNDERGRAD STUDENTS SOPH & ABOVE.  
 7048005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7048010 2 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7048015 3 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7048020 4 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7048025 5 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7048030 6 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7048035 7 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7048040 8 MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: SEC 8 RESTRICTED TO UNDERGRAD STUDENTS  
 SOPH & ABOVE  
 Course delivery is On-site instruction  
 7048045 9 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 7048050 10 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 7048055 11 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 11 RESTRICTED TO BBA MAJORS ONLY  
 Course delivery is WWW

MANAGING FAMILY BUS MGMT 381 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO UNDERGRAD STUDENTS  
 SOPH & ABOVE  
 0828005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTERNATIONAL MGMT MGMT 414 3 CREDITS  
 Prereq: MGMT 370 OR MGMT 371  
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS  
 STUDENTS SOPH & ABOVE  
 5285005 1 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5285010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 5285015 3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 5285020 4 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 RESTRICTED TO BBA STUDENTS  
 Course delivery is WWW

## MANAGEMENT

(CONTINUED)

NEGOTIA&CNFLCT RESO MGMT 422 3 CREDITS  
 Prereq: MGMT 371  
 0320005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO BUSINESS UNDERGRAD  
 STUDENTS SOPH & ABOVE.  
 Course delivery is On-site instruction  
 0320010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO BUSINESS UNDERGRAD  
 STUDENTS SOPH & ABOVE.  
 Course delivery is WWW  
 0320015 3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO BBA MAJORS ONLY  
 Course delivery is WWW

LDRSHP&CHANGE MGMT MGMT 470 3 CREDITS  
 Prereq: MGMT 370 OR MGMT 371  
 Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD  
 STUDENTS SOPH & ABOVE.  
 0878005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 0878010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INTRO HUM RESRC MGT MGMT 471 3 CREDITS  
 Prereq: MGMT 371  
 Note: SEC A1,B1 RESTRICTED TO BUSINESS STUDENTS .  
 JRS & SRS. SEC A2,B2 RESTRICTED TO JRS, SRS & SPECIAL  
 STUDENTS IN COLLEGES OTHER THAN BUSINESS.  
 5293005 A1 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5293010 A2 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5293015 B1 MW 3:45-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5293020 B2 MW 3:45-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5293025 C1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 5293040 C3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC C3 RESTRICTED TO BBA MAJORS  
 Course delivery is WWW

DIVRSTY,EQLTY,INCLN MGMT 472 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION AND BUSAD 203  
 Note: GRADUATE STUDENTS GO TO 1200 GERDIN FOR  
 PEMISSION TO ADD  
 SEC A1,B1,C1 RESTRICTED BUSINESS STUDENTS JRS & SRS.  
 SEC A2,B2 RESTRICTED TO JRS & SRS IN COLLEGES OTHER  
 THAN THE COLLEGE OF BUSINESS  
 SEC C3 RESTRICTED TO BBA JR & SENIORS ONLY  
 Meets U.S. diversity reqmt  
 4444005 A1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4444010 A2 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4444015 B1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 4444020 B2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 4444025 C1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 4444035 C3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

DEC MK HMN RSRC MGT MGMT 473 3 CREDITS  
 Prereq: MGMT 371  
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS  
 SOPH & ABOVE  
 0324005 1 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0324010 2 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

COMPENSTION&BENEFIT MGMT 474 3 CREDITS  
 Prereq: MGMT 471  
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS  
 JR & ABOVE  
 0879005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction



## MANAGEMENT

(CONTINUED)

EMPLYMNT LAW HR MGT MGMT 475 3 CREDITS  
Prereq: ACCT 215; MGMT 471  
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS JR & ABOVE  
0880005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

APPLD PRJCT HR MGMT MGMT 476 3 CREDITS  
Prereq: MGMT 471, MGMT 474, MGMT 475  
Note: COURSE RESTRICTED TO UNDERGRAD HRM SRS.  
0882005 1 MW 5:10-6:25PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS  
Prereq: ACCT 285; FIN 301; MGMT 370 OR MGMT 371; MKT 340; SCM 301; MIS 301; ENTSP 310 AND SENIOR CLASSIFICATION  
Note: COURSE RESTRICTED TO SENIORS IN THE COLLEGE OF BUSINESS  
5294005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5294010 2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5294015 3 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5294020 4 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5294025 5 MW 2:15-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5294030 6 MW 3:45-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5294035 7 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
5294040 8 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
5294045 9 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
5294700 10 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
5294055 11 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 11 RESTRICTED TO SENIOR BBA MAJORS.  
Course delivery is WWW

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS  
Prereq: SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION  
Note: Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ORGANIZTNL BEHAVIOR MGMT 502 3 CREDITS  
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION  
Note: COURSE RESTRICTED TO BUSAD MAJORS ONLY  
9338005 1 MW 7:30-10:50  
MEETS: AUG 28-OCT 4  
Note: Course delivery is On-site instruction  
9338700 2 TWRFS 8:00-5:00  
MEETS: AUG 28-OCT 4  
Note: SEC 2 MEETS 8/15-8/19, 9/8, 9/9  
Course delivery is On-site instruction  
Course delivery is Hybrid (Online and F2F)  
9338705 3 M 5:50-9:10PM  
MEETS: AUG 15-SEPT 9  
Note: FOR PERMISSION TO REGISTER, CONTACT LACY GREENFIELD, LACYG@IASTATE.EDU, 515-294-8118  
CLASS WILL MEET MONDAYS FROM 5:50PM TO 9:10PM.  
SEC 3 RESTRICTED TO BUSAD GRADS ONLY. DUE TO LABOR DAY THIS SECTION WILL MEET ONE WEDNESDAY, 9/6/23, IN ADDITION TO THE REGULAR MONDAY MEETINGS.  
Course delivery is Hybrid (Online and F2F)  
Course delivery is Hybrid (Online and F2F)  
Taught at, in or by DES MOINES  
9338710 4 M 5:50-9:10PM  
MEETS: AUG 28-OCT 4  
Note: FOR PERMISSION TO REGISTER, CONTACT LACY GREENFIELD, LACYG@IASTATE.EDU, 515-294-8118  
CLASS WILL MEET MONDAYS FROM 5:50PM TO 9:10PM.  
SEC 4 FOR MAJORS OTHER THAN BUSAD GRADS. DUE TO LABOR DAY, THIS SECTION WILL MEET ONE WEDNESDAY, 9/6/23, IN ADDITION TO THE REGULAR MONDAY MEETINGS.  
Taught at, in or by DES MOINES  
Course delivery is Hybrid (Online and F2F)  
Taught at, in or by DES MOINES

## MANAGEMENT

(CONTINUED)

PRO RSPNSBLTY BSNS MGMT 503 3 CREDITS  
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENT PERMISSION, ACCT 501, FIN 501, MGMT 502, MKT 501  
Note: COURSE RESTRICTED TO BUSAD MAJORS ONLY  
3816005 1 TR 7:30-10:50  
MEETS: AUG 29-OCT 5  
Note: Course delivery is On-site instruction  
3816010 2 FS 8:00-5:00  
MEETS: NOV 10-DEC 2  
Note: SEC 2 RESTRICTED TO BUSAD GRADS ONLY  
MEETS 11/10, 11/11, 12/1, 12/2  
Department permission required.  
Course delivery is Hybrid (Online and F2F)  
3816705 3 T 5:50-9:10PM  
ARRANGED  
MEETS: AUG 29-OCT 5  
Note: FOR PERMISSION TO REGISTER, CONTACT LACY GREENFIELD, LACYG@IASTATE.EDU, 515-294-8118  
CLASS WILL MEET TUESDAYS 5:50PM TO 9:10PM.  
RESTRICTED TO BUSAD GRAD STUDENTS. TAUGHT IN/AT/BY DES MOINES  
Department permission required.  
Course delivery is Hybrid (Online and F2F)  
3816710 4 T 5:50-9:10PM  
ARRANGED  
MEETS: AUG 29-OCT 5  
Note: SEC 4 RESTRICTED TO GRAD MAJORS OTHER THAN BUSAD. TAUGHT IN/AT/BY DES MOINES  
Department permission required.  
Course delivery is Hybrid (Online and F2F)

STRATEGIC MANAGEMNT MGMT 504 3 CREDITS  
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENT PERMISSION, ACCT 501, FIN 501, MGMT 502, MKT 501  
Note: COURSE RESTRICTED TO BUSAD MAJORS ONLY  
3817005 1 TR 7:30-10:50  
MEETS: OCT 10-NOV 16  
Note: Course delivery is On-site instruction  
3817010 2 T 5:50-9:10PM  
ARRANGED  
MEETS: OCT 10-NOV 16  
Note: FOR PERMISSION TO REGISTER, CONTACT LACY GREENFIELD, LACYG@IASTATE.EDU, 515-294-8118  
TAUGHT IN/AT/BY DES MOINES  
Department permission required.  
Course delivery is Hybrid (Online and F2F)  
3817015 3 T 5:50-9:10PM  
ARRANGED  
MEETS: OCT 10-NOV 16  
Note: FOR PERMISSION TO REGISTER, CONTACT LACY GREENFIELD, LACYG@IASTATE.EDU, 515-294-8118  
TAUGHT IN/AT/BY DES MOINES  
Department permission required.  
Course delivery is Hybrid (Online and F2F)

NEGOTIAT&CNFLCT RES MGMT 522 3 CREDITS  
Prereq: ENROLLMENT IN THE MBA PROGRAM OR PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
6953005 1 MW 5:30-9:30PM  
MEETS: NOV 27-JAN 5  
Note: SECTION 1 WILL BE TAUGHT IN/AT/BY DES MOINES.  
PLEASE CONTACT BUSGRAD@IASTATE.EDU FOR PERMISSION TO REGISTER.  
Course delivery is Hybrid (Online and F2F)

FORM&IMPL INNOV STA MGMT 583 3 CREDITS  
Prereq: MGMT 504 OR PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO ENG M MAJORS AND BUSINESS STUDENTS GRADUATE STUDENTS  
5816005 1 ARRANGED  
MEETS: AUG 28-NOV 17  
Note: Course delivery is WWW

SPECIAL TOPICS MGMT 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ORG RESEARCH METHOD MGMT 609 3 CREDITS  
Prereq: ENROLLMENT IN ENTSP OR MGMT PH D PROGRAM OR PERMISSION OF INSTRUCTOR  
0509005 1 T 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESRCH PRACTICUM I MGMT 650 1 CREDIT  
Prereq: ENROLLMENT IN PH D PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MANAGEMENT INFORMATION SYSTEMS**

FUND PROG BUS&ANLYT MIS 207 3 CREDITS  
Prereq: MATH 150 OR PLACEMENT INTO MATH 140 OR HIGHER  
Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD STUDENTS  
0837005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0837010 2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0837015 3 W 6:00-8:45PM  
MEETS: AUG 21-DEC 15

## MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

FUND PROG BUS&ANLYT MIS 207 3 CREDITS  
Note: Course delivery is On-site instruction

MGMT INFO SYSTEMS MIS 301 3 CREDITS  
Prereq: COM S 113  
Note: SEC A1,B1,ETC. RESTRICTED TO ACCT, ACSCI, AG B, AST, BU AN, BUS S, BUS U, BUSEC, ENTSP, FIN, HCM, HRM, I TEC, MGMT, MIS, MKT, SCM UNDERGRAD SOPH & ABOVE. A2,B2, ETC. RESTRICTED TO STUDENTS SOPH & ABOVE.

4394005 A1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394010 A2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394015 B1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394020 B2 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394025 C1 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394030 C2 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394035 D1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394040 D2 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394045 E1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394050 E2 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394055 F1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394060 F2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394065 G1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394070 G2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394075 J1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394080 J2 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394085 K1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394090 K2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4394095 L1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

4394105 L3 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC L3 REDRICTED TO BBA MAJORS ONLY  
Course delivery is WWW

INTMD BSNESS PRGRMG MIS 307 3 CREDITS  
Prereq: MIS 207/COM S 207 OR COM S 227;  
CREDIT OR ENROLLMENT IN MIS 301  
Note: SEC A1,B1 RESTRICTED TO MIS MAJORS SOPH & ABOVE.  
SEC A2,B2 RESTRICTED TO ACCT, ACSCI, BU AN, BUS U, BUSEC, ENTSP, FIN, HCM, HRM, MGMT, MKT, SCM UNDERGRAD STUDENTS SOPH & ABOVE

9608005 A1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9608015 A2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9608010 B1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9608020 B2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9608025 C1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9608030 C2 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

INFO SYST ANALYSIS MIS 310 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MIS 301  
Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD STUDENTS SOPH & ABOVE.

5290005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5290010 2 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5290015 3 TR 5:10-6:25PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BSNSS DATA STRM&ISS MIS 315 3 CREDITS  
Prereq: COM S 113  
Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS SOPH & ABOVE.

8221005 1 T 6:00-8:45PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DATABASE MGT SYSTMS MIS 320 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MIS 301  
Note: SEC A1,B1 RESTRICTED TO MIS, BU AN MAJORS SOPH & ABOVE. SEC A2,B2 RESTRICTED TO ACCT, ACSCI, BUS U, BUSEC, ETSP, FIN, HCM, HRM, MGMT, MKT, SCM UNDERGRAD MAJORS SOPH & ABOVE.

5289005 A1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5289010 A2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5289015 B1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5289020 B2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5289025 C1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5289030 C2 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROJECT MANAGEMENT MIS 340 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MIS 301  
Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS SOPH & ABOVE.

4561005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4561010 2 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4561015 3 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4561020 4 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

4561025 5 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 5 RESTRICTED TO BBA MAJORS ONLY  
Course delivery is WWW

CNSULTATV PROB SOLV MIS 367 3 CREDITS  
Note: SEC A1,B2 RESTRICTED TO UNDERGRAD BUSINESS STUDENTS SOPH & ABOVE. SEC A2,B2 RESTRICTED TO UNDERGRAD STUDENTS OTHER THAN BUSINESS SOPH & ABOVE.

0404005 A1 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0404010 A2 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0404015 B1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0404020 B2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPRDSH-BS MKT ANLYT MIS 368 3 CREDITS  
Prereq: MKT 340  
Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS SOPH & ABOVE.

7186005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HEALTHCARE INFO SYS MIS 403 3 CREDITS  
Prereq: MIS 301; CREDIT OR CONCURRENT ENROLLMENT IN HCM 301  
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS JR & ABOVE

3838005 1 MW 3:45-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

ADV BSNESS PROGRAMNG MIS 407 3 CREDITS  
Prereq: MIS 307  
1775005 A1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO MIS MAJORS SOPH & ABOVE  
Course delivery is On-site instruction

1775010 A2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO ACCT, ACSCI, BUS S, BUS U, BUSEC, ENTSP, FIN, HCM, HRM, MGMT, MKT, SCM UNDERGRAD MAJORS SOPH & ABOVE  
Course delivery is On-site instruction

BLKCHAIN&CRYPTOCURR MIS 410X 3 CREDITS  
Prereq: MIS 207 OR COM S 227  
Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD STUDENTS SOPH & ABOVE  
1154005 1 W 6:00-8:45PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CYBERSC IN BUSINESS MIS 435 3 CREDITS  
Prereq: MIS 301  
Note: GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
SEC A1 RESTRICTED TO CYB E & MIS MAJORS SOPH & ABOVE. SEC A2 RESTRICTED TO ACCT, ACSCI, BU AN, BUS S, BUS U, BUSEC, ENTSP, FIN, HCM, HRM, MGMT, MKT, MKT, SCM UNDERGRAD MAJORS SOPH & ABOVE  
6396005 A1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6396015 A2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO BSNSS ANALYTCS MIS 436 3 CREDITS  
Prereq: MIS 320 OR ACCT 384, AND PRE- OR CO-REQUISITE OF STAT 326  
Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD SOPH & ABOVE  
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
8713005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8713010 2 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENTERPRISE CYBERSCR MIS 445 3 CREDITS  
Prereq: MIS 301  
Note: COURSE RESTRICTED TO UNDERGRAD CYB E & BUSINESS MAJORS SOPH & ABOVE  
7696005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV BUSINSS ANALYTC MIS 446 3 CREDITS  
Prereq: MIS 320 OR ACCT 384, AND PRE- OR CO-REQUISITE OF STAT 326  
Note: RESTRICTED TO UNDERGRAD BUSINESS STUDENTS SOPH AND ABOVE  
9113015 1 MW 2:15-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY MIS 490 1- 3 CREDITS  
Prereq: MIS 301, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR  
Note: Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EXEC PRSNTN&ANALYS MIS 495 3 CREDITS  
Prereq: MIS 301  
Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS SOPH & ABOVE.  
ONLY 3 CREDITS OF MIS 495 MAY COUNT AS A MIS MAJOR OR MINOR CHOICE ELECTIVE.  
7819005 1 M 5:30-6:45PM  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

MANAGMT INFO SYSTM MIS 501 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
Note: COURSE RESTRICTED TO ACCT, FIN, SCIS GRADUATE MAJORS ONLY  
Department permission required 1st week.  
9126005 1 R 6:00-9:20PM  
MEETS: AUG 31-NOV 16  
Note: Course delivery is On-site instruction

9126700 2 FS 8:00-5:00  
MEETS: SEPT 29-OCT 21  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
SEC 2 WILL MEET 9/29, 9/30, 10/20, AND 10/21.  
Course delivery is Hybrid (Online and F2F)

## MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

BLKCHAIN&CRYPTOCURR MIS 510X 3 CREDITS  
Prereq: MIS 207 OR COM S 227  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
1156005 1 W 6:00-8:45PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIG DATA BUSINESS MIS 515 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
9742005 1 M 6:00-9:20PM  
MEETS: AUG 28-NOV 13  
Note: Course delivery is On-site instruction

HLTH CARE SCRTY CMP MIS 521X 3 CREDITS  
1403005 1 ARRANGED  
MEETS: AUG 28-NOV 17  
Note: Course delivery is WWW

PROG FND BUS ANALY MIS 532 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
5078005 1 T 6:00-9:20PM  
MEETS: AUG 29-NOV 14  
Note: Course delivery is On-site instruction

DATA MGT DECISN MAK MIS 533 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
2271005 1 ARRANGED  
MEETS: AUG 28-NOV 17  
Note: Course delivery is WWW

NETWKS&INFO SEC MGT MIS 535 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
8679005 1 ARRANGED  
MEETS: AUG 28-NOV 17  
Note: Course delivery is WWW

FOUND BSNSS ANALYTCS MIS 536 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
4234005 1 T 6:00-9:20PM  
MEETS: AUG 28-NOV 14  
Note: Course delivery is On-site instruction

4234010 2 ARRANGED  
MEETS: AUG 28-NOV 17  
Note: Course delivery is WWW

PROJECT MANAGEMENT MIS 537 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
2187005 1 W 6:00-9:20PM  
MEETS: AUG 30-NOV 15  
Note: Course delivery is On-site instruction

SOC MDIA BSNSS APPS MIS 544 3 CREDITS  
Prereq: MIS 536  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
5603005 1 ARRANGED  
MEETS: AUG 28-NOV 17  
Note: Course delivery is WWW

APP MACHN LRN BSNSS MIS 548 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
0265005 1 ARRANGED  
MEETS: NOV 28-JAN 13  
Note: Course delivery is WWW

SPECIAL TOPICS MIS 590 1- 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT MIS 599 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF SUPERVISORY COMMITTEE CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

OVERVIEW MIS RESRCH MIS 620 3 CREDITS  
Note: COURSE RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
0579005 1 W 2:15-5:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

RSEARCH PRACTICUM I MIS 650 1 CREDIT  
 Prereq: ENROLLMENT IN THE PH D PROGRAM  
 Note: MUST BE A BUSINESS PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION  
 RESTRICTED TO BUSAD GRADS ONLY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICUM II MIS 651 1 CREDIT  
 Prereq: ENROLLMENT IN THE PH D PROGRAM  
 Note: MUST BE A BUSINESS PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION  
 RESTRICTED TO BUSAD GRADS ONLY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MIS 699 3- 6 CREDITS  
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRIN OF MARKETING MKT 340 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN ECON 101  
 Note: SEC 1-8 & 10 ARE RESTRICTED TO ACCT, ACSCI, AG B, AG ST, AGLSE, AGRPS, AN S, AST, BU AN, BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, FS A, HORT, HCM, HRM, I TEC, MGMT, MIS, MKT, SCM UNDERGRADS SOPH & ABOVE. GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

5352005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5352010 2 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5352015 3 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5352020 4 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5352025 5 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5352030 6 MWF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5352035 7 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5352040 8 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5352045 9 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC 9 RESTRICTED TO UNDERGRAD STUDENTS SOPH & ABOVE  
 Course delivery is On-site instruction

5352050 10 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

5352055 11 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 11 RESTRICTED TO BBA MAJORS ONLY  
 Course delivery is WWW

FOUND PERSNL SELNG MKT 342 3 CREDITS  
 Prereq: SOPHOMORE STATUS OR ABOVE  
 Note: SEC A1,B1,ETC RESTRICTED TO UNDERGRAD COLLEGE OF BUSINESS STUDENTS SOPH & ABOVE. SEC A2,B2,ETC FOR ALL OTHER COLLEGE UNDERGRADS SOPH & ABOVE.

0165005 A1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0165010 A2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0165015 B1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0165020 B2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0165025 C1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0165030 C2 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0165035 D1 MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0165040 D2 MWF 3:20-4:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0165055 E3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC E3 RESTRICTED TO BBA MAJORS ONLY  
 Course delivery is WWW

MARKETING (CONTINUED)

SOC MDIA MKT STRATG MKT 361 3 CREDITS  
 Prereq: MKT 340  
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS SOPH & ABOVE  
 8472005 1 MWF 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DIGITAL MARKETING MKT 362 3 CREDITS  
 Prereq: MKT 340  
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS SOPH & ABOVE.  
 0326005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0326010 2 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CRTVE TLS DGTL MKT MKT 363X 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 1920005 A1 MWF 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: SEC A1 RESTRICTED TO BUSINESS UNDERGRAD STUDENTS SOPH & ABOVE  
 Course delivery is On-site instruction

1920010 A2 MWF 7:45-8:35  
 MEETS: AUG 21-DEC 15  
 Note: SEC A2 RESTRICTED TO UNDERGRAD STUDENTS SOPH & ABOVE  
 Course delivery is On-site instruction

CNSULTATV PROB SOLV MKT 367 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION OR ABOVE  
 Note: SEC A1,B2 RESTRICTED TO UNDERGRAD BUSINESS STUDENTS SOPH & ABOVE. SEC A2,B2 RESTRICTED TO UNDERGRAD STUDENTS OTHER THAN BUSINESS SOPH & ABOVE.

0403005 A1 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0403010 A2 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0403015 B1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0403020 B2 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPRDSH-BS MKT ANLYT MKT 368 3 CREDITS  
 Prereq: MKT 340  
 Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS SOPH & ABOVE.

7151005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PROMOTIONAL STRATEG MKT 410 3 CREDITS  
 Prereq: MKT 340  
 Note: SEC A1,B1 RESTRICTED TO MKT MAJORS SOPH & ABOVE. SEC A2,B2 FOR ALL OTHER MAJORS SOPH & ABOVE. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

5355005 A1 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5355010 A2 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5355015 B1 MW 3:45-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5355020 B2 MW 3:45-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SALES MANAGEMENT MKT 442 3 CREDITS  
 Prereq: MKT 340, STAT 226  
 Note: COURSE RESTRICTED TO UNDERGRAD STUDENTS SOPH & ABOVE. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

5357005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5357010 2 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

STRATEGC MRKTNG MGT MKT 443 3 CREDITS  
 Prereq: MKT 342, MKT 444  
 Note: COURSE RESTRICTED TO MKT SENIORS

5358005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5358010 2 TR 5:10-6:25PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5358015 3 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## MARKETING (CONTINUED)

FUND MKT ANALYTICS MKT 444 3 CREDITS  
Prereq: MKT 340, STAT 226  
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS SOPH & ABOVE. GRADUATE STUDENTS GO TO 1200 FOR PERMISSION TO ADD

5359005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5359010 2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5359015 3 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5359020 4 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CUSTOMER RELATN MGT MKT 445 3 CREDITS  
Prereq: MKT 340, STAT 226  
Note: SEC A1 RESTRICTED TO MKT MAJORS SOPH & ABOVE. SEC A2 RESTRICTED TO UNDERGRAD STUDENTS SOPH & ABOVE.

9068005 A1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9068010 A2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONSUMER BEHAVIOR MKT 447 3 CREDITS  
Prereq: MKT 340  
Note: SEC A1,B1,C1 RESTRICTED TO MKT, AST, FS A, FS H, I TEC UNDERGRADS SOPH & ABOVE. SEC A2,B2,C2 FOR OTHER MAJORS SOPH & ABOVE. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

5362005 A1 MW 3:45-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5362010 A2 MW 3:45-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5362015 B1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5362020 B2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5362025 C1 MW 2:15-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5362030 C2 MW 2:15-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5362035 D1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

5362045 D3 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC D3 RESTRICTED TO BBA MAJORS ONLY  
Course delivery is WWW

GLOBAL MARKETING MKT 448 3 CREDITS  
Prereq: MKT 340  
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS SOPH & ABOVE. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO

9609005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV PROF SELLING MKT 450 3 CREDITS  
Prereq: MKT 340 AND EITHER MKT 342X OR I E 450  
Note: COURSE RESTRICTED TO UNDERGRAD STUDENTS SOPH & ABOVE.

0024005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0024010 2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

OMNICHANNEL MARKTNG MKT 451 3 CREDITS  
Prereq: MKT 340  
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS SOPH & ABOVE.

5823005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SALES TOOL ANALYTICS MKT 452 3 CREDITS  
Prereq: MKT 342  
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS, NOT OPEN TO P BBA, P BUS.

0883005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MARKETING (CONTINUED)

BRAND MANAGEMENT MKT 453 3 CREDITS  
Prereq: MKT 340  
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS SOPH & ABOVE

5127005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENTREPRENEUR MARKET MKT 454 3 CREDITS  
Prereq: MKT 340  
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS SOPH & ABOVE.

0539005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DIG MKT ANALYTICS MKT 456X 3 CREDITS  
Prereq: MKT 340, STAT 226  
Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD STUDENTS SOPH & ABOVE

0934005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NEW PRODUCT MKT MKT 458X 3 CREDITS  
Prereq: MKT 340; MKT 444  
Note: RESTRICTED TO UNDERGRAD BUSINESS STUDENTS JUNIOR AND ABOVE

1013005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY MKT 490 1- 3 CREDITS  
Prereq: MKT 340, SENIOR CLASSIFICATION;  
PERMISSION OF INSTRUCTOR  
Note: Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LIVE CASES IN MKTNG MKT 495 3 CREDITS  
Prereq: MKT 340  
Note: COURSE RESTRICTED TO UNDERGRAD STUDENTS SOPH & ABOVE. ONLY 3 CREDITS OF MKT 495 MAY COUNT AS A MKT MAJOR OR MINOR CHOICE ELECTIVE.

0327005 1 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONSUMER BEHAVIOR MKT 547 3 CREDITS  
Prereq: MKT 501 AND GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

7170005 1 T 6:00-9:20PM  
MEETS: AUG 29-NOV 14  
Note: Course delivery is On-site instruction

BRAND MANAGEMENT MKT 553X 3 CREDITS  
Prereq: MKT 501

1034005 1 R 6:00-9:20PM  
MEETS: AUG 28-NOV 17  
Note: Course delivery is On-site instruction

SPECIAL TOPICS MKT 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MKT ANLYT:QUANT APP MKT 605 3 CREDITS  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

0570005 1 M 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATERIALS ENGINEERING

LRNG CMUNTY SEMINAR MAT E 101 R CREDIT  
Satisfactory-Fail Only.

7650005 1 R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STRUCTRL CHARAC MAT MAT E 214 3 CREDITS  
Prereq: MAT E 215; PHYS 231

6333005 1 MW 12:05-12:55  
T 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO MTRLS SCI&E I MAT E 215 3 CREDITS  
Prereq: (CHEM 167 OR CHEM 177); MATH 165  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 273, MAT E 392. RESTRICTED TO MAT E MAJORS ONLY

7495005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATERIALS ENGINEERING

(CONTINUED)

INTRO MAT S&E LAB I MAT E 215L 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MAT E 215 OR MAT E 273 OR MAT E 392  
Note: COURSE RESTRICTED TO MAT E MAJORS ONLY  
7496005 1 W 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7496010 2 T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO MATRLS SCI II MAT E 216 3 CREDITS  
Prereq: (MAT E 215 OR MAT E 273 OR MAT E 392); CREDIT OR CONCURRENT ENROLLMENT IN PHYS 232  
Note: COURSE RESTRICTED TO MAT E MAJORS ONLY  
7497005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO M S E II LAB MAT E 216L 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MAT E 216  
2904005 1 R 8:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GLOBAL SUSTAINABLY MAT E 220 3 CREDITS  
Note: T SC/ANTR/ENV S/GLOBE/MAT E/M E/SOC 220  
MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT TOWARD ANY ENGINEERING COLLEGE DEGREE  
Meets international perspectives regmt  
9059005 1 ARRANGED HALLAM A  
MEETS: SEPT 5-DEC 15  
Note: Course delivery is WWW

PRIN MATRLS SCI&ENG MAT E 273 3 CREDITS  
Prereq: (CHEM 167 OR CHEM 177); MATH 165  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 273, MAT E 392.  
SECTIONS A1,B1 RESTRICTED TO M E, A E SOPH, JUNIORS, AND SENIORS. SECTIONS A2,B2 RESTRICTED TO C E, CH E, CON E, CPR E, E E, ENGR, MAT E, S E SOPH, JUNIORS, AND SENIORS AND ENGRS MAJORS. SEC A3,B3 RESTRICTED TO AER E, I E SOPHOMORES, JUNIORS AND SENIORS.  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

3814005 A1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3814010 A2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3814015 A3 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3814020 B1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3814025 B2 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3814030 B3 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THERMODYNM IN MAT E MAT E 311 3 CREDITS  
Prereq: CHEM 178; (MAT E 215 OR MAT E 273 OR MAT E 392); CREDIT OR CONCURRENT ENROLLMENT IN (MAT E 216 AND MATH 267)  
6316005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR ELEC PROP MATL MAT E 317 3 CREDITS  
Prereq: MAT E 216; PHYS 232  
Note: COURSE RESTRICTED TO MAT E MAJORS ONLY  
7500005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO CERAMIC SCIEN MAT E 321 3 CREDITS  
Prereq: MAT E 216  
Note: COURSE RESTRICTED TO MAT E MAJORS ONLY  
6591005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEMICND MTRLS&DEVIC MAT E 332 3 CREDITS  
Prereq: CPR E AND E MAJORS: E E 230; MAT E MAJORS: MAT E 317  
6597005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATERIALS ENGINEERING

(CONTINUED)

METALS PROCESSING MAT E 341 3 CREDITS  
Prereq: MAT E 214; AND MAT E 215 OR MAT E 273 OR MAT E 392  
Note: COURSE RESTRICTED TO MAT E MAJORS ONLY  
2910005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR POLYMER MATRLS MAT E 351 3 CREDITS  
Prereq: MAT E 216  
Note: COURSE RESTRICTED TO MAT E MAJORS ONLY  
6615005 1 TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN NONDESTRC TEST MAT E 362 3 CREDITS  
Prereq: PHYS 132 OR PHYS 232  
3011005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3011010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

NONDESTRC TEST LAB MAT E 362L 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN E M 362 OR MAT E 362  
3012005 1 T 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3012010 2 R 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRO PRACTICE I MAT E 413 3 CREDITS  
Prereq: SENIOR CLASSIFICATION  
6628005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRO PRACTICE II MAT E 414 3 CREDITS  
Prereq: MAT E 413  
6650005 1 MWF 2:15-3:05  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MECHANCL BEHAVR MAT MAT E 418 3 CREDITS  
Prereq: MAT E 216; CREDIT OR CONCURRENT ENROLLMENT IN MAT E 319  
6585005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GLASS SCI&ENGINEERG MAT E 425 3 CREDITS  
Prereq: MAT E 214, MAT E 321  
7501005 1 MW 7:45-8:35  
T 9:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MICROELEC FABRICATN MAT E 432 4 CREDITS  
Prereq: PHYS 232 AND PHYS 232L; MAT E MAJORS: R E MAT E 317; CPR E AND E E MAJORS: E E 230  
6677005 1 MW 12:05-12:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHYS MET FERR ALLOY MAT E 443 3 CREDITS  
Prereq: MAT E 311  
1172005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SCAN&AUGER MICRSCPY MAT E 452 3 CREDITS  
Prereq: PHYS 232  
0413005 1 MW 1:10-2:00  
M 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0413010 2 MW 1:10-2:00  
W 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHY&MC PROPRT POLYM MAT E 453 3 CREDITS  
Prereq: MAT E 214, MAT E 351  
Note: COURSE RESTRICTED TO MAT E MAJORS ONLY  
6681005 1 TR 11:00-11:50  
T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6681010 2 TR 11:00-11:50  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATERIALS ENGINEERING

(CONTINUED)

BIOMATERIALS MAT E 456 3 CREDITS  
Prereq: CHEM 178; (MAT E 216 OR MAT E 273 OR  
MAT E 392)  
8768005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EDDY CURRENT NDE MAT E 488 3 CREDITS  
Prereq: MAT E 216 OR MAT E 273 OR E E 311 OR  
PHYS 364  
5821005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5821010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INDEPENDENT STUDY MAT E 490 VAR. CREDITS  
Prereq: PERMISSION OF DEPARTMENT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MAT E 490H VAR. CREDITS  
Prereq: PERMISSION OF DEPARTMENT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNDGRD RSRCH OPPORT MAT E 499 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MATERIALS SCIENCE & ENGINEERING**

FUNDAMENTAL M S E I M S E 501 1 CREDIT  
Prereq: ENROLLMENT IN MSE GRADUATE PROGRAM (M.ENG  
M S OR PH.D.)  
3263005 1 T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FUND STRC&CHM MATRL M S E 510 3 CREDITS  
Prereq: MATH 165, PHYS 221, CHEM 167  
5610005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THRM MLTICMPO MTRLS M S E 520 3 CREDITS  
Prereq: MAT E 311 OR CHEM 321, MATH 266 OR  
MATH 267  
5611005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MICROEL FABRIC TCHQ M S E 532 4 CREDITS  
Prereq: PHYS 232 AND PHYS 232L; MAT E MAJORS: R E  
MAT E 317; CPR E AND E E MAJORS: E E 230  
0455005 1 MW 12:05-12:55  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: MATERIALS FEE: \$300.00  
Course delivery is On-site instruction

SCAN&AUGER MICRSCPY M S E 552 3 CREDITS  
Prereq: PHYS 232  
5092005 1 MW 1:10-2:00  
M 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5092010 2 MW 1:10-2:00  
W 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHY&MC PROPRT POLYM M S E 553 3 CREDITS  
Prereq: MAT E 214, MAT E 351  
8701005 1 TR 11:00-11:50  
T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8701010 2 TR 11:00-11:50  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BIOMATERIALS M S E 556 3 CREDITS  
Prereq: CHEM 178; (MAT E 216 OR MAT E 273 OR  
MAT E 392)  
5091005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FRACTURE & FATIGUE M S E 564 3 CREDITS  
Prereq: E E 324 AND EITHER MAT E 216 OR MAT E 272  
OR MAT E 392. UNDERGRADUATES: PERMISSION OF INSTRUCTOR  
5082005 1 MWF 8:55-9:40 BASTAWROS A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5082010 2 ARRANGED BASTAWROS A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

## MATERIALS SCIENCE &amp; ENGINEERING

(CONTINUED)

COMPTL MODLG MATRLS M S E 581 3 CREDITS  
Prereq: MATH 265; MAT E 311 OR CH E 381 OR  
CHEM 325 OR PHYS 304  
6980005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EDDY CURRENT NDE M S E 588 3 CREDITS  
0860005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0860010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPECIAL TOPICS M S E 590 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT M S E 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SEMINAR M S E 601 1 CREDIT  
Prereq: GRADUATE STANDING IN THE M S E DEPARTMENT  
Satisfactory-Fail Only.  
6399005 1 M 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TOPICS MATRL SC M S E 690 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M S E 697 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN  
Satisfactory-Fail Only.  
4307005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.

RESEARCH M S E 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MATHEMATICS**

ORIENTATION IN MATH MATH 101 1 CREDIT  
Prereq: NEW STUDENT MAJORING IN MATH  
Satisfactory-Fail Only.  
2759005 1 T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2759010 2 W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO TO PROBABILTY MATH 104 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
ASSESSMENT  
Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT  
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS  
EARNED IN MATH 104 CANNOT BE APPLIED TOWARD  
GRADUATION BY MATH MAJORS.  
5128005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO TO MATH IDEAS MATH 105 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
ASSESSMENT  
Note: CREDITS EARNED IN MATH 105 CANNOT BE APPLIED  
TOWARD GRADUATION BY MATH MAJORS  
5129005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COLLEGE ALGEBRA SUP MATH 139 1 CREDIT  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
ASSESSMENT  
Satisfactory-Fail Only.  
0943005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COLLEGE ALGEBRA MATH 140 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
ASSESSMENT OR CONCURRENT ENROLLMENT IN MATH 139  
5132005 1 TR 8:00-8:50  
W 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5132010 2 TR 8:00-8:50  
W 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5132015 3 TR 8:00-8:50  
W 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5132020 4 TR 8:00-8:50  
W 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5132025 5 TR 8:00-8:50  
W 8:50-9:40  
MEETS: AUG 21-DEC 15

## MATHEMATICS

(CONTINUED)

## COLLEGE ALGEBRA MATH 140 3 CREDITS

Note: Course delivery is On-site instruction	
5132030	6 TR 8:00-8:50 W 8:50-9:40 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132035	7 TR 8:00-8:50 W 11:00-11:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132040	8 TR 8:00-8:50 W 11:00-11:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132045	9 TR 8:00-8:50 W 11:00-11:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132050	10 TR 8:00-8:50 W 12:05-12:55 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132055	11 TR 8:00-8:50 W 12:05-12:55 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132060	12 WF 12:05-12:55 R 8:00-8:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132065	13 WF 12:05-12:55 R 8:00-8:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132070	14 WF 12:05-12:55 R 9:00-9:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132075	15 WF 12:05-12:55 R 9:00-9:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132080	16 WF 12:05-12:55 R 9:00-9:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132085	17 WF 12:05-12:55 R 11:00-11:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132090	18 WF 12:05-12:55 R 11:00-11:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132095	19 WF 12:05-12:55 R 11:00-11:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132100	20 WF 12:05-12:55 R 8:00-8:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132105	21 WF 1:10-2:00 R 12:10-1:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132110	22 WF 1:10-2:00 R 1:10-2:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
5132115	23 WF 1:10-2:00 R 2:10-3:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
PREP FOR CALCULUS MATH 143 4 CREDITS	
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT OR MATH 140	
Note: CREDIT FOR EITHER MATH 143 OR MATH 145, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. Night exams scheduled. For dates go to <a href="http://www.registrar.iastate.edu/students/exams/night-exams">http://www.registrar.iastate.edu/students/exams/night-exams</a> .	
7342005	1 MWF 11:00-11:50 T 8:00-8:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342010	2 MWF 11:00-11:50 T 8:00-8:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342015	3 MWF 11:00-11:50 T 9:00-9:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342020	4 MWF 11:00-11:50 T 9:00-9:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342025	5 MWF 11:00-11:50 T 11:00-11:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342030	6 MWF 11:00-11:50 T 11:00-11:50 MEETS: AUG 21-DEC 15

## MATHEMATICS

(CONTINUED)

## PREP FOR CALCULUS MATH 143 4 CREDITS

Note: Course delivery is On-site instruction	
7342035	7 MWF 1:10-2:00 R 10:00-10:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342040	8 MWF 1:10-2:00 R 10:00-10:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342045	9 MWF 1:10-2:00 R 1:10-2:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342050	10 MWF 1:10-2:00 R 1:10-2:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342055	11 MWF 1:10-2:00 R 3:10-4:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342060	12 MWF 1:10-2:00 R 3:10-4:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342065	13 MWF 2:15-3:05 T 1:10-2:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342070	14 MWF 2:15-3:05 T 1:10-2:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342075	15 MWF 2:15-3:05 T 2:10-3:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342080	16 MWF 2:15-3:05 T 2:10-3:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342085	17 MWF 2:15-3:05 T 4:10-5:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342090	18 MWF 2:15-3:05 T 4:10-5:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
7342095	19 MTWRF 2:15-3:45 MEETS: OCT 16-DEC 15
Note: Course delivery is On-site instruction	
7342100	20 MWF 2:15-3:05 T 3:10-4:00 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
APPLD TRIGONOMETRY MATH 145 3 CREDITS	
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT OR MINIMUM OF C- IN MATH 140	
Note: ONLY ONE OF MATH 143 AND MATH 145 MAY COUNT TOWARD GRADUATION	
9173005	1 MF 7:45-8:35 W 7:45-8:35 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
9173010	2 MF 7:45-8:35 W 8:50-9:40 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
9173015	3 MF 7:45-8:35 W 8:50-9:40 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
9173020	4 MF 7:45-8:35 W 9:55-10:45 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
9173025	5 MF 7:45-8:35 W 9:55-10:45 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
9173030	6 MF 7:45-8:35 W 11:00-11:50 MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	
MATH BUS&SOC S SUPL MATH 149 1 CREDIT	
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT	
Satisfactory-Fail Only.	
0950005	1 ARRANGED MEETS: AUG 21-DEC 15
Note: Course delivery is On-site instruction	



## MATHEMATICS

(CONTINUED)

DISC MATH BUS&SOC S MATH 150 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
ASSESSMENT OR CONCURRENT ENROLLMENT IN MATH 149  
Note: COURSE IS A WEB-BASED LECTURE. TESTS ARE OFFERED  
ONLY IN MATHEMATICS COMPUTER LABS IN CARVER HALL.  
THE SCHEDULED HOUR IS FOR LAB SESSIONS ONLY. CREDIT  
FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE  
APPLIED TOWARD GRADUATION. MATH 150 CANNOT BE APPLIED  
TOWARD GRADUATION BY MATH MAJORS.

5135005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
5135010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
5135015 3 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5135020 4 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5135025 5 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5135030 6 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BUS & SOC SCI CALC MATH 151 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
ASSESSMENT

Note: ONLY ONE OF MATH 151, MATH 160, OR THE SEQUENCE  
MATH 165-166 MAY BE COUNTED TOWARDS GRADUATION

5136005 1 MF 12:05-12:55  
T 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5136010 2 MF 12:05-12:55  
T 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5136015 3 MF 12:05-12:55  
W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5136020 4 MF 12:05-12:55  
W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5136025 5 MF 12:05-12:55  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5136030 6 MF 12:05-12:55  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5136035 7 MF 3:20-4:10  
T 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5136040 8 MF 3:20-4:10  
T 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5136045 9 MF 3:20-4:10  
W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5136050 10 MF 3:20-4:10  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5136055 11 MF 3:20-4:10  
W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5136060 12 MF 3:20-4:10  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SURVEY OF CALCULUS MATH 160 4 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
ASSESSMENT OR MINIMUM OF C- IN (MATH 140 OR MATH 143)

Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF  
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,  
MATH 160, MATH 165-166. CREDITS EARNED IN MATH 160  
CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5137005 1 MF 7:45-8:35  
TR 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5137010 2 MWF 12:05-12:55  
T 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5137015 3 MF 7:45-8:35  
TR 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5137020 4 MWF 12:05-12:55  
T 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATHEMATICS

(CONTINUED)

CALCULUS I MATH 165 4 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT

ASSESSMENT OR MINIMUM OF C- IN MATH 143

Note: ONLY ONE OF MATH 151 OR MATH 160 OR THE SEQUENCE

MATH 165-166 MAY BE COUNTED TOWARDS GRADUATION

Night exams scheduled. For dates go to

<http://www.registrar.iastate.edu/students/exams/night-exams>.

5138005 1 MWF 8:50-9:40  
T 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138010 2 MWF 8:50-9:40  
T 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138015 3 MWF 8:50-9:40  
T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138020 4 MWF 8:50-9:40  
T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138025 5 MWF 8:50-9:40  
T 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138030 6 MWF 8:50-9:40  
T 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138035 7 MWF 9:55-10:45  
R 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: SEC 7 RESTRICTED TO MATH, STAT MAJORS ONLY  
Course delivery is On-site instruction  
5138040 8 MWF 11:00-11:50  
T 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138045 9 MWF 11:00-11:50  
T 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138050 10 MWF 11:00-11:50  
T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138055 11 MWF 11:00-11:50  
T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138060 12 MWF 11:00-11:50  
T 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138065 13 MWF 11:00-11:50  
T 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138070 14 MWF 12:05-12:55  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138075 15 MWF 12:05-12:55  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138080 16 MWF 12:05-12:55  
R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138085 17 MWF 12:05-12:55  
R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138090 18 MWF 12:05-12:55  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138095 19 MWF 12:05-12:55  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138100 20 MWF 12:05-12:55  
R 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138105 21 MWF 12:05-12:55  
R 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138110 22 MWF 12:05-12:55  
R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138115 23 MWF 12:05-12:55  
R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5138120 24 MWF 12:05-12:55  
R 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATHEMATICS

(CONTINUED)

CALCULUS I		MATH 165	4 CREDITS
5138125	25	MWF 12:05-12:55 R 10:00-10:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138130	26	MWF 2:15-3:05 R 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138135	27	MWF 2:15-3:05 R 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138140	28	MWF 2:15-3:05 R 2:10-3:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138145	29	MWF 2:15-3:05 R 2:10-3:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138150	30	MWF 2:15-3:05 R 4:10-5:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138155	31	MWF 2:15-3:05 R 4:10-5:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138160	32	MWF 3:20-4:10 T 12:10-1:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138165	33	MWF 3:20-4:10 T 12:10-1:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138170	34	MWF 3:20-4:10 T 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138175	35	MWF 3:20-4:10 T 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138180	36	MWF 3:20-4:10 T 3:10-4:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138185	37	MWF 3:20-4:10 T 3:10-4:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138190	38	MWF 9:55-10:45 T 10:00-10:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138195	39	MWF 9:55-10:45 T 10:00-10:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138200	40	MWF 9:55-10:45 T 12:10-1:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138205	41	MWF 9:55-10:45 T 12:10-1:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138210	42	MWF 9:55-10:45 T 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138215	43	MWF 9:55-10:45 T 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138220	44	MWF 8:50-9:40 R 8:00-8:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138225	45	MWF 8:50-9:40 R 8:00-8:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138230	46	MWF 8:50-9:40 R 9:00-9:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138235	47	MWF 8:50-9:40 R 9:00-9:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138240	48	MWF 8:50-9:40 R 10:00-10:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5138245	49	MWF 8:50-9:40 R 10:00-10:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			

## MATHEMATICS

(CONTINUED)

CALCULUS II		MATH 166	4 CREDITS
Prereq: MINIMUM OF C- IN MATH 165 OR SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENTS			
Note: ONLY ONE OF MATH 151, MATH 160, OR THE SEQUENCE MATH 165-166 MAY BE COUNTED TOWARDS GRADUATION			
Night exams scheduled. For dates go to <a href="http://www.registrar.iastate.edu/students/exams/night-exams">http://www.registrar.iastate.edu/students/exams/night-exams</a> .			
5139005	1	MTRF 11:00-11:50 MEETS: AUG 21-DEC 15	
Note: SEC 1 RESTRICTED TO MATH & STAT MAJORS ONLY			
Course delivery is On-site instruction			
5139010	2	MWF 12:05-12:55 T 12:10-1:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139015	3	MWF 12:05-12:55 T 12:10-1:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139020	4	MWF 12:05-12:55 T 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139025	5	MWF 12:05-12:55 T 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139030	6	MWF 12:05-12:55 T 3:10-4:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139035	7	MWF 12:05-12:55 T 3:10-4:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139040	8	MWF 1:10-2:00 R 12:10-1:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139045	9	MWF 1:10-2:00 R 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139050	10	MWF 1:10-2:00 R 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139055	11	MWF 1:10-2:00 R 3:10-4:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139060	12	MWF 1:10-2:00 R 3:10-4:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139065	13	MWF 1:10-2:00 R 12:10-1:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139070	14	MWF 1:10-2:00 R 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139075	15	MWF 1:10-2:00 R 2:10-3:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139080	16	MWF 3:20-4:10 T 9:00-9:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139085	17	MWF 3:20-4:10 T 9:00-9:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139090	18	MWF 3:20-4:10 T 10:00-10:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139095	19	MWF 3:20-4:10 T 10:00-10:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139100	20	MWF 3:20-4:10 T 11:00-11:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139105	21	MWF 3:20-4:10 T 11:00-11:50 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139110	22	MWF 3:20-4:10 R 12:10-1:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139115	23	MWF 3:20-4:10 R 1:10-2:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			
5139120	24	MWF 3:20-4:10 R 2:10-3:00 MEETS: AUG 21-DEC 15	
Note: Course delivery is On-site instruction			

## MATHEMATICS

(CONTINUED)

- MATH FOR ELEM ED I MATH 195 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT; EARLY OR ELEMENTARY EDUCATION MAJOR  
Note: STUDENTS IN THE LAS COLLEGE MAY NOT APPLY CREDIT IN MATH 195 TOWARD GENERAL ED REQUIREMENTS FOR GRADUATION  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
- 5144005 1 MWF 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5144010 2 MWF 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5144015 3 MWF 12:40-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5144020 4 MWF 11:00-12:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5144025 5 MWF 12:40-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- MATH FOR ELEM ED II MATH 196 3 CREDITS  
Prereq: MINIMUM OF C- IN MATH 195; EARLY OR ELEMENTARY EDUCATION MAJOR  
Note: CREDITS EARNED IN MATH 196 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
- 8125005 1 MW 2:15-3:35  
F 2:15-3:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 8125010 2 MW 11:00-12:20  
F 11:00-12:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 8125015 3 MW 9:30-10:45  
F 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- INTRO TO PROOFS MATH 201 3 CREDITS  
Prereq: MATH 166 OR MATH 166H
- 6998005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 6998010 2 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 6998015 3 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- MATRCES&LINEAR ALGB MATH 207 3 CREDITS  
Prereq: MATH 166  
Note: CREDIT FOR MATH 207 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
- 5161005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5161010 2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5161015 3 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5161020 4 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5161025 5 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW
- DISCRETE CMP STRUCT MATH 230 3 CREDITS  
Prereq: MINIMUM OF C- IN (COM S 227; MATH 165); ENGL 150  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
- 0031005 A TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0031010 B TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0031015 C TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0031100 1 W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0031105 2 W 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0031110 3 W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATHEMATICS

(CONTINUED)

- INVESTM&CREDIT MATH MATH 240 3 CREDITS  
Prereq: MATH 166  
8997005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- CALCULUS III MATH 265 4 CREDITS  
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.
- 5151005 1 MWF 7:45-8:35  
T 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151010 2 MWF 7:45-8:35  
T 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151015 3 MWF 7:45-8:35  
T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151020 4 MWF 7:45-8:35  
T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151025 5 MWF 7:45-8:35  
T 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151030 6 MWF 7:45-8:35  
T 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151035 7 MF 1:10-2:00  
TR 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC 7 RESTRICTED TO MATH, STAT MAJORS ONLY  
Course delivery is On-site instruction
- 5151040 8 MWF 9:55-10:45  
T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151045 9 MWF 9:55-10:45  
T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151050 10 MWF 9:55-10:45  
T 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151055 11 MWF 9:55-10:45  
T 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151060 12 MWF 9:55-10:45  
T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151065 13 MWF 9:55-10:45  
T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151070 14 MWF 2:15-3:05  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151075 15 MWF 2:15-3:05  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151080 16 MWF 2:15-3:05  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151085 17 MWF 2:15-3:05  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151090 18 MWF 2:15-3:05  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151095 19 MWF 2:15-3:05  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151100 20 MWF 1:10-2:00  
R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151105 21 MWF 1:10-2:00  
R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151110 22 MWF 1:10-2:00  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5151115 23 MWF 1:10-2:00  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATHEMATICS

(CONTINUED)

CALCULUS III MATH 265 4 CREDITS  
5151120 24 MWF 1:10-2:00  
R 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5151125 25 MWF 1:10-2:00  
R 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ELEM DIFF EQUATNS MATH 266 3 CREDITS  
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H  
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269.

5152005 1 MWF 9:55-10:45  
MEETS: AUG 21-NOV 10  
Note: Course delivery is On-site instruction

5152010 2 MWF 1:10-2:00  
MEETS: AUG 21-NOV 10  
Note: Course delivery is On-site instruction

DIFF EQ & TRANSFMS MATH 267 4 CREDITS  
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H  
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267, MATH 266, MATH 269X, MATH 269.  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5153050 1 MWF 2:15-3:05  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153055 2 MWF 2:15-3:05  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153060 3 MWF 2:15-3:05  
R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153065 4 MWF 2:15-3:05  
R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153070 5 MWF 2:15-3:05  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153075 6 MWF 2:15-3:05  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153080 7 MWF 12:05-12:55  
R 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153085 8 MWF 12:05-12:55  
R 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153090 9 MWF 12:05-12:55  
R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153095 10 MWF 12:05-12:55  
R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153100 11 MWF 12:05-12:55  
R 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153105 12 MWF 12:05-12:55  
R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153110 13 MWF 4:25-5:15  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153115 14 MWF 4:25-5:15  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153120 15 MWF 4:25-5:15  
R 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153125 16 MWF 4:25-5:15  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5153130 17 MWF 4:25-5:15  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATHEMATICS

(CONTINUED)

DIFF EQ & TRANSFMS MATH 267 4 CREDITS  
5153135 18 MWF 4:25-5:15  
R 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LAPLACE TRANSFORMS MATH 268 1 CREDIT  
Prereq: MATH 266; DEPARTMENT PERMISSION  
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SYSTEMS OF DIFF EQUA MATH 269 1 CREDIT  
Prereq: DEPARTMENT PERMISSION  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 266, MATH 267, MATH 269X, MATH 269  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY MATH 290 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Department permission required.

5156005 1 ARRANGED  
MEETS: AUG 21-DEC 15

INDEP STUDY HONORS MATH 290H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Department permission required.

5157005 1 ARRANGED  
MEETS: AUG 21-DEC 15

INTMED TOPIC ELEM M MATH 297 3 CREDITS  
Prereq: MINIMUM OF C- IN MATH 196; EARLY OR ELEMENTARY EDUCATION MAJOR

4437005 1 MWF 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4437010 2 MWF 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ABSTRACT ALGEBRA I MATH 301 3 CREDITS  
Prereq: (MATH 166 OR MATH 166H); MATH 317; MINIMUM OF C- IN MATH 201

5158005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5158010 2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMBINATORICS MATH 304 3 CREDITS  
Prereq: (MATH 166 OR MATH 166H); (MATH 201 OR COM S 230 OR CPR E 310)

5160005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THRY LINEAR ALGEBRA MATH 317 4 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH 201 OR COM S 230 OR CPR E 310  
Note: CREDIT FOR EITHER MATH 207 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

7872005 1 MF 9:55-10:45  
TR 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7872010 2 MTRF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR THY PROBAB&S I MATH 341 4 CREDITS  
Prereq: MATH 265 OR MATH 265H  
Note: CREDIT FOR EITHER MATH/STAT 341 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

5166005 1 MWF 9:55-10:45  
T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR THY PR&STAT II MATH 342 4 CREDITS  
Prereq: (MATH 207 OR MATH 317); (STAT 101 OR STAT 104 OR STAT 105 OR STAT 201 OR STAT 226 OR STAT 231 OR STAT 305 OR STAT 322 OR STAT 330); STAT 341

5167005 1 MWF 8:50-9:40  
T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR SCIENTF CMPTNG MATH 373 3 CREDITS  
Prereq: MATH 265

2626005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATHEMATICS

(CONTINUED)

INTR PART DIFF EQUA MATH 385 3 CREDITS  
Prereq: MATH 265; (MATH 266 OR MATH 267)  
5170005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MATHMTCL COMMUNCATN MATH 392X 3 CREDITS  
Prereq: MATH 301 OR MATH 414  
4837005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVE EDUC MATH 398 R CREDIT  
Prereq: JUNIOR CLASSIFICATION; PERMISSION OF  
DEPARTMENT COOPERATIVE EDUCATION COORDINATOR  
4551005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.

APPL LINEAR ALGEBRA MATH 407 3 CREDITS  
Prereq: MATH 317 OR (MATH 207; MATH 201)  
7946005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANALYSIS I MATH 414 3 CREDITS  
Prereq: MINIMUM OF C- IN COM S 230 OR CPR E 310  
OR MATH 201  
5171005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR HI PRFM CMPUTG MATH 424 3 CREDITS  
Prereq: (MATH 265; [MATH 207 OR MATH 317]) OR  
PERMISSION OF INSTRUCTOR  
9406005 1 TR 11:00-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GEOMETRY I MATH 435 3 CREDITS  
Prereq: (COM S 230 OR CPR E 310 OR MATH 201);  
(MATH 207 OR MATH 317)  
5175005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LIFE CONTINGENCIE I MATH 441 3 CREDITS  
Prereq: MATH 240; CREDIT OR CONCURRENT ENROLLMENT  
IN MATH 265  
0130005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY MATH 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H  
MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS MATH 490H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H  
MAY BE APPLIED TOWARD GRADUATION, RESTRICTED TO  
MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.  
Department permission required.  
5183005 1 ARRANGED  
MEETS: AUG 21-DEC 15

UNDERGRAD THESIS MATH 491 2- 3 CREDITS  
Note: Department permission required.  
5184005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
5184010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 OFFERED FOR 3 CREDITS  
Instructor permission required.

TEACH SEC SCHL MATH MATH 497 3 CREDITS  
Prereq: 15 CREDITS IN COLLEGE MATH. ADMITTED TO  
THE EDUCATOR PREPARATION PROGRAM.  
5185005 1 T 5:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO REAL ANALYSIS MATH 501 3 CREDITS  
Prereq: MATH 265; MATH 207 OR MATH 317  
7394005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ABSTRACT ALGEBRA I MATH 504 3 CREDITS  
Prereq: MATH 302  
5186005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATHEMATICS

(CONTINUED)

APPL LINEAR ALGEBRA MATH 507 3 CREDITS  
Prereq: MATH 317 OR (MATH 207; MATH 201)  
7915005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

REAL ANALYSIS I MATH 515 3 CREDITS  
Prereq: MATH 414 OR MATH 501  
5196005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MTHD APPLIED MATH I MATH 519 3 CREDITS  
Prereq: MATH 414 OR MATH 501  
2281005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STOCHAST PROC MODEL MATH 554 3 CREDITS  
Prereq: STAT 542  
5214005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NUMERICL ANALYSIS I MATH 561 3 CREDITS  
Prereq: MATH 414 OR MATH 501  
7502005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DISCRETE OPTIMIZATN MATH 566 3 CREDITS  
Prereq: MATH 317 OR MATH 507 OR MATH 510  
4953005 1 TR 12:30-1:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GRAPH THEORY MATH 567 3 CREDITS  
Prereq: MATH 314 OR MATH 507 OR MATH 510  
3535005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LINEAR SYSTEMS MATH 577 3 CREDITS  
Prereq: E E 324 OR AER E 331 OR M E 414 OR  
MATH 415; AND MATH 307  
7904005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7904010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INDEPENDENT STUDY MATH 590 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MATH GRAD ORIENTN I MATH 591 .5 CREDIT  
Satisfactory-Fail Only.  
6385005 1 W 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS MATH 595 VAR. CREDITS  
3815005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 OFFERED FOR 4 CREDITS  
3815010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 OFFERED FOR 3 CREDITS

CREATIVE COMPONENT MATH 599 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CATEGORY THEORY MATH 617 3 CREDITS  
Prereq: MATH 504  
5226005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HARMONIC ANALYSIS MATH 631 3 CREDITS  
Prereq: MATH 515  
5595005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOUND PRBABLY THRY MATH 641 3 CREDITS  
Prereq: MATH 414 OR MATH 510 OR EQUIVALENT  
COURSE  
4896005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PARTIAL DIFF EQUA I MATH 655 3 CREDITS  
Prereq: MATH 515 OR MATH 519  
5227005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MATHEMATICS

(CONTINUED)

FINITE ELEMNT METHD MATH 666 3 CREDITS

Prereq: MATH 516 OR MATH 520 OR MATH 561 OR MATH 656

5378005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

RESEARCH MATH 699 VAR. CREDITS

Satisfactory-Fail Only.

\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MECHANICAL ENGINEERING**

PROBLM SOLV WTH CPR M E 160 3 CREDITS

Prereq: (MATH 143 OR MATH 145); CREDIT OR CONCURRENT ENROLLMENT IN MATH 165; M E MAJOR

Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES

MAY BE APPLIED TOWARD GRADUATION: ENGR 160, A B E

160, AER E 160, C E 160, CH E 160, CPR E 185, E E

185, I E 148, M E 160, AND S E 185. RESTRICTED TO M E

MAJORS ONLY.

9082005 1 MW 7:45-9:35

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9082010 2 MW 9:55-11:45

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9082015 3 MW 12:05-1:55

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9082020 4 TR 4:10-6:00PM

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9082025 5 MW 2:15-4:05

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9082030 6 TR 8:00-9:50

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9082035 7 TR 10:00-11:50

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9082040 8 TR 12:10-2:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

9082045 9 MW 4:25-6:15PM

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

ENG GRPHC&amp;INTR DSGN M E 170 3 CREDITS

Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH 143 OR MATH 145 OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT ASSESSMENTS

Note: THE ARRANGED TIMES REPRESENT ONE LARGE-GROUP EVENING MEETING ON A DATE TO BE DETERMINED. RESTRICTED TO M E MAJORS ONLY

8346005 1 MW 7:45-9:35, ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8346010 2 MW 9:55-11:45

ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8346015 3 MW 12:05-1:55

ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8346020 4 MW 2:15-4:05, ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8346025 5 TR 8:00-9:50, ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8346030 6 TR 12:10-2:00

ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8346035 7 TR 2:10-4:00, ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

8346040 8 TR 4:10-6:00PM

ARRANGED

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

LEARNING COMMUNITIE M E 190 1 CREDIT

7612005 1 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612010 2 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612015 3 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612020 4 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612025 5 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612030 6 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

## MECHANICAL ENGINEERING

(CONTINUED)

LEARNING COMMUNITIE M E 190 1 CREDIT

7612035 7 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612040 8 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612045 9 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612050 10 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612055 11 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612060 12 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612065 13 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612070 14 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612075 15 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612080 16 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612085 17 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

7612090 18 TR 3:10-4:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

MECH ENGR PRO PLAN M E 202 R CREDIT

Prereq: CREDIT OR CONCURRENT ENROLLMENT IN M E 231

Note: COURSE RESTRICTED TO M E SOPHOMORES, JUNIORS AND SENIORS ONLY

Satisfactory-Fail Only.

4870005 1 R 2:10-3:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

GLOBAL SUSTAINABLY M E 220 3 CREDITS

Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220

MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT

TOWARD ANY ENGINEERING COLLEGE DEGREE

Meets international perspectives reqmt

9058005 1 ARRANGED HALLAM A

MEETS: SEPT 5-DEC 15

Note: Course delivery is WWW

ENGR THERMODYNAMICS I M E 231 3 CREDITS

Prereq: CHEM 167; MATH 166; PHYS 231; PHYS 231L

Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY.

4877005 1 MWF 7:45-8:35

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

4877010 2 MWF 1:10-2:00

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

4877015 3 MWF 2:15-3:05

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

4877020 4 TR 9:30-10:45

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

4877025 5 TR 11:00-12:15

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

4877030 6 TR 2:10-3:25

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

INTR MCH ENG DESIGN M E 270 3 CREDITS

Prereq: M E 160 OR (A B E 160, AER E 160, C E 160

CH E 160, CPR E 185, E E 185, ENGR 160, I E 148, OR

S E 185); M E 170; PHYS 231; PHYS 231L

Note: COURSE RESTRICTED TO M E MAJORS ONLY

6270005 1 ARRANGED

MWF 9:55-11:45

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

6270010 2 ARRANGED

MWF 12:05-1:55

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

6270015 3 ARRANGED

MWF 2:15-4:05

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

6270020 4 ARRANGED

TR 8:00-10:50

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

6270025 5 ARRANGED

TR 11:00-1:50

MEETS: AUG 21-DEC 15

Note: Course delivery is On-site instruction

## MECHANICAL ENGINEERING

(CONTINUED)

INTR MCH ENG DESIGN M E 270 3 CREDITS  
6270030 6 ARRANGED, TR 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MANUFACTURING ENGR M E 324 3 CREDITS  
Prereq: E M 324; MAT E 273; M E 270; M E 324L  
Note: COURSE RESTRICTED TO M E AND A E MAJORS ONLY  
6277005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MFG ENGINEERING LAB M E 324L 1 CREDIT  
Prereq: ENGL 250; MAT E 273; M E 270  
4270005 1 T 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270010 2 W 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270015 3 R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270020 4 F 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270025 5 T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270030 6 W 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270035 7 R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270040 8 F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270045 9 M 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270050 10 T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270055 11 W 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270060 12 R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270065 13 M 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270070 14 T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270075 15 R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4270080 16 W 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MECH COMPONENT DSGN M E 325 3 CREDITS  
Prereq: E M 324; M E 170; STAT 305  
Note: COURSE RESTRICTED TO A E, M E MAJORS ONLY  
6287005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6287010 2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6287015 3 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGR THERMODYNMS II M E 332 3 CREDITS  
Prereq: M E 231  
Note: COURSE RESTRICTED TO M E MAJORS ONLY  
4878005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
4878010 2 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
4878015 3 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4878020 4 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FLUID FLOW M E 335 4 CREDITS  
Prereq: MATH 265; (MATH 266 OR MATH 267); (CREDIT OR CONCURRENT ENROLLMENT IN M E 332); M E 345  
Note: COURSE RESTRICTED TO M E MAJORS ONLY.  
2-PART COURSE. REGISTER FOR A LECTURE SEC FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.  
5703400 A TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703405 B TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MECHANICAL ENGINEERING

(CONTINUED)

FLUID FLOW M E 335 4 CREDITS  
5703410 C TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703005 1 W 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703010 2 F 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703015 3 T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703020 4 W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703025 5 R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703030 6 F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703035 7 W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703040 8 T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703045 9 W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703050 10 R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703055 11 T 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703060 12 W 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703065 13 R 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5703070 14 M 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGINEERING DYNAMICS M E 345 3 CREDITS  
Prereq: C E 274; CREDIT OR CONCURRENT ENROLLMENT IN (MATH 266 OR MATH 267)  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.  
2025005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2025010 2 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2025015 3 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2025020 4 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2025025 5 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
2025030 6 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGINRNG MEASUREMENTS M E 370 3 CREDITS  
Prereq: E E 442; STAT 305  
Note: COURSE RESTRICTED TO M E MAJORS ONLY.  
2-PART COURSE. REGISTER FOR A LECTURE SEC FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.  
4881005 A MW 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881010 B MW 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881015 C MW 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881020 1 T 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881025 2 W 8:50-11:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881030 3 R 9:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881035 4 F 7:45-10:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881040 5 M 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881045 6 T 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MECHANICAL ENGINEERING

(CONTINUED)

ENGINRNG MEASUREMENTS M E 370 3 CREDITS  
4881050 7 W 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881055 8 R 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881060 9 F 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881065 10 M 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881070 11 T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881075 12 W 3:20-6:10PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881080 13 R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4881085 14 F 2:15-5:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SCI&PRACT BREWING M E 373X 3 CREDITS  
Prereq: CHEM 167 OR CHEM 177 AND PHYS 221 OR PHYS 231 OR BIOL 211 OR BIOL 212; OR PERMISSION BY THE INSTRUCTOR; 21 YEARS OF AGE FOR ALL STUDENTS.  
0933005 1 T 11:00-12:15  
T 12:40-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0933010 2 T 11:00-12:15  
R 12:40-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HM-CTR DSN-PREDEPAR M E 401 1 CREDIT  
Prereq: ACCEPTANCE INTO STUDY ABROAD PROGRAM Satisfactory-Fail Only.  
9857005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction  
9857010 2 W 6:00-7:30PM  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

FLD ENG:HUM-CTR DSN M E 402 3 CREDITS  
Note: Meets international perspectives reqmt  
6097005 1 T 8:00-9:00PM  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

AUTOMATIC CONTROLS M E 411 3 CREDITS  
Prereq: M E 370; CREDIT OR CONCURRENT ENROLLMENT IN M E 421  
4885005 1 TR 9:55-10:45  
M 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ETHCL RSPNSBLT ENGR M E 412 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN M E 325  
4886005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FLUID POWER ENGR M E 413 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN (A B E 378 OR M E 335); (A B E 216 OR M E 270)  
8727005 1 MW 9:55-10:45  
M 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8727010 2 MW 9:55-10:45  
W 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8727015 3 MW 9:55-10:45  
M 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MECHANICAL SYST DSN M E 415 3 CREDITS  
Prereq: M E 324; M E 325  
4888005 1 TR 8:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4888010 2 TR 11:00-1:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4888015 3 TR 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4888020 4 MWF 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4888025 5 MWF 1:10-3:00  
MEETS: AUG 21-DEC 15

## MECHANICAL ENGINEERING

(CONTINUED)

MECHANICAL SYST DSN M E 415 3 CREDITS  
Note: Course delivery is On-site instruction  
4888030 6 MWF 3:20-5:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV MACHINE DESIGN M E 417 3 CREDITS  
Prereq: MAT E 273; M E 325  
7636005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMPUTER-AIDED DSGN M E 419 3 CREDITS  
Prereq: M E 325  
6207005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SYST DYNAM & CONTROL M E 421 4 CREDITS  
Prereq: E E 442; E E 448; MATH 267; M E 345  
Note: COURSE RESTRICTED TO M E MAJORS ONLY.  
2-PART COURSE. REGISTER FOR A LECTURE SEC FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.  
6310001 A TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310002 B TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310003 C TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310004 D TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310011 1 W 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310012 2 F 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310015 3 T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310020 4 W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310025 5 R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310030 6 F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310035 7 T 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310040 8 W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310045 9 R 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310050 10 F 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310055 11 T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310060 12 W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6310065 13 R 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ALTERNATIVE ENERGY M E 433 3 CREDITS  
Prereq: CHEM 167; PHYS 232; PHYS 232L  
7356005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7356010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

HEAT TRANSFER M E 436 4 CREDITS  
Prereq: M E 335  
Note: COURSE RESTRICTED TO M E, CON E, A E, BSE MAJORS.  
2-PART COURSE. REGISTER FOR A LECTURE SEC FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.  
5711001 A MWF 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5711002 B MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5711003 C MWF 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5711004 D MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction



## MECHANICAL ENGINEERING

(CONTINUED)

HEAT TRANSFER M E 436 4 CREDITS  
5711005 1 T 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5711010 2 W 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5711015 3 R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5711020 4 F 8:50-10:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5711025 5 T 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5711030 6 R 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5711035 7 T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5711040 8 W 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5711045 9 R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5711050 10 F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FUND HEAT, VENT, AIR M E 441 3 CREDITS  
Prereq: M E 332  
4892005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INTRNL COMBUS ENGIN M E 449 3 CREDITS  
Prereq: M E 332  
Note: COURSE RESTRICTED TO M E MAJORS ONLY  
4899005 1 MWF 3:20-4:10  
M 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4899010 2 MWF 3:20-4:10  
W 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENGINEERG ACOUSTICS M E 451 3 CREDITS  
Prereq: (MATH 266 OR MATH 267); PHYS 231; PHYS 231L  
4901005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4901010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

MACHINE VISION M E 456 3 CREDITS  
Prereq: MATH 207 OR MATH 317 OR PERMISSION OF INSTRUCTOR  
9944005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEP STUDY HONORS M E 490H 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY  
IN ORDER FOR AN INDEPENDENT STUDY PROPOSAL TO BE CONSIDERED FOR THE CURRENT SEMESTER, IT MUST BE COMPLETE & SUBMITTED NO LATER THAN THE END OF THE 3RD WEEK OF THE SEMESTER.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY:NON TECH E M E 490N 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: IN ORDER FOR AN INDEPENDENT STUDY PROPOSAL TO BE CONSIDERED FOR THE CURRENT SEMESTER, IT MUST BE COMPLETE & SUBMITTED NO LATER THAN THE END OF THE 3RD WEEK OF THE SEMESTER.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY:TECH ELECT M E 490T 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: IN ORDER FOR AN INDEPENDENT STUDY PROPOSAL TO BE CONSIDERED FOR THE CURRENT SEMESTER, IT MUST BE COMPLETE & SUBMITTED NO LATER THAN THE END OF THE 3RD WEEK OF THE SEMESTER.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV CONTROL DESIGN M E 511 3 CREDITS  
Prereq: M E 411  
8144005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8144010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO GRADUATE STUDENTS  
Course delivery is On-site instruction

## MECHANICAL ENGINEERING

(CONTINUED)

ADV MACHINE DESIGN M E 517 3 CREDITS  
Prereq: MAT E 273; M E 325  
Note: COURSE RESTRICTED TO GRADS ONLY  
8809005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8809010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO GRAD STUDENTS  
Course delivery is WWW

MICRO/NANOMANUFCTRG M E 528 3 CREDITS  
Prereq: M E 324  
1068005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1068010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO GRADUATE STUDENTS  
Course delivery is WWW

ADV THERMODYNAMICS M E 530 3 CREDITS  
Prereq: M E 332  
4928005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS  
Course delivery is WWW

4928010 2 TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THRMOCHM PROC BIOMS M E 535 3 CREDITS  
Prereq: M E 332 OR GRADUATE STATUS  
4858005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4858010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO GRADUATE STUDENTS  
Course delivery is WWW

ADVANCED FLUID FLOW M E 538 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN M E 436  
4935005 1 MW 3:20-4:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4935010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO GRADS STUDENTS ONLY  
Course delivery is WWW

ADVANCED COMBUSTION M E 542 3 CREDITS  
Prereq: M E 332 OR CH E 381  
4937005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4937010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO GRADS STUDENTS ONLY  
Course delivery is WWW

FLUI MECH&HEAT TR I M E 546 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN M E 538 OR AER E 541  
4939005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
DURBIN P  
Note: Course delivery is On-site instruction

4939010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
DURBIN P  
Note: Course delivery is WWW

MACHINE VISION M E 556 3 CREDITS  
Prereq: MATH 207 OR MATH 317 OR PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO GRADS ONLY  
9587005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FRACTURE & FATIGUE M E 564 3 CREDITS  
Prereq: E E 324 AND EITHER MAT E 216 OR MAT E 272 OR MAT E 392. UNDERGRADUATES: PERMISSION OF INSTRUCTOR  
4944005 1 MWF 8:55-9:40  
MEETS: AUG 21-DEC 15  
BASTAWROS A  
Note: Course delivery is On-site instruction

4944010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
BASTAWROS A  
Note: Course delivery is WWW

RANDOM SIGNAL&KALMN M E 573 3 CREDITS  
Prereq: E E 324 OR AER E 331 OR M E 370 OR M E 411 OR MATH 341 OR MATH 395  
8196005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
SHERMAN P  
Note: Course delivery is On-site instruction

8196010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
SHERMAN P  
Note: Course delivery is WWW

## MECHANICAL ENGINEERING

(CONTINUED)

LINEAR SYSTEMS M E 577 3 CREDITS  
Prereq: E E 324 OR AER E 331 OR M E 414 OR MATH  
415; AND MATH 307  
8199005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8199010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SP TOP LIT INVESTIG M E 590Q 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP BIO&NANO SCI M E 590T 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP CMLPX FLU SY M E 590U 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CLEAN ENRGY M E 590V 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP DS&MFG INNOV M E 590W 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP SIMUL&VISULZ M E 590Z 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT M E 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR M E 600 R CREDIT  
4964005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 IS FOR FIRST YEAR STUDENTS  
Course delivery is On-site instruction  
4964010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 2 IS FOR CONTINUING STUDENTS WHO HAVE  
ALREADY COMPLETED THEIR FIRST YEAR  
Course delivery is On-site instruction

ADV TOP ENGR COMPUT M E 690Q VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTG M E 690Q VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP BIOL&NANOSC M E 690T VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CPLX FLU SY M E 690U VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CL ENRGY TC M E 690V VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TP DS&MFG INNOV M E 690W VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SIMU&VISUAL M E 690Z VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M E 697 R CREDIT  
Prereq: PERMISSION OF DIRECTOR OF GRADUATE  
EDUCATION, GRAD CLASSIFICATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH M E 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## METEOROLOGY

SEVERE&HZRD WEATHER MTEOR 107 1 CREDIT  
9205005 1 ARRANGED MAUDLIN L  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

SYNOPTIC APPLICATNS MTEOR 111 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH  
165  
Note: COURSE RESTRICTED TO MTEOR MAJORS. OTHERS BY  
SIGNATURE OF THE METEOROLOGY DEPARTMENT ADVISING  
STAFF.  
5641005 1 T 12:10-1:00 FLORY D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://www.meteor.iastate.edu/classes/mt111/index.html>  
Syllabus: <http://www.meteor.iastate.edu/classes/mt111/index.html>

## METEOROLOGY

(CONTINUED)

GEOSCIENCE ORIENT MTEOR 112 1 CREDIT  
6630005 1 M 4:25-5:15 CERVATO C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLIMATE AND SOCIETY MTEOR 140 3 CREDITS  
Note: Meets international perspectives reqmt  
0598005 1 TR 11:00-12:15 MAUDLIN L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRODUCTORY SEMINAR MTEOR 201 R CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN PHYS  
231  
Satisfactory-Fail Only.  
5374005 1 R 1:10-2:00 FLORY D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO WEATHER&CLIMT MTEOR 206 3 CREDITS  
5375005 1 MWF 2:15-3:05 HORNBUCKLE B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMPUTNL METEOROL I MTEOR 227 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MTEOR  
206; CREDIT OR CONCURRENT ENROLLMENT IN PHYS 231  
8566005 1 MWF 9:55-10:45 FLORY D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVE EDUCATN MTEOR 298 R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR  
4813005 1 ARRANGED  
MEETS: AUG 21-DEC 15

INTR SYNOPTIC MTEOR MTEOR 311 2 CREDITS  
Prereq: MTEOR 301  
5379005 1 M 11:00-11:50 FLORY D  
T 2:10-4:00 FLORY D  
F 11:00-11:50 FLORY D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
Section info: <http://www.meteor.iastate.edu/classes/mt311/>  
Syllabus: <http://www.meteor.iastate.edu/classes/mt311/>

METEOROL INTERNSHIP MTEOR 321 1- 2 CREDITS  
Prereq: MTEOR 311; PERMISSION OF THE DEPARTMENT  
COOPERATIVE EDUCATION COORDINATOR  
Satisfactory-Fail Only.  
5381005 1 ARRANGED WU X  
MEETS: AUG 21-DEC 15

ATMOSPH PHYSICS I MTEOR 341 3 CREDITS  
Prereq: (CREDIT OR CONCURRENT ENROLLMENT IN MATH  
266); MTEOR 301; PHYS 232  
5382005 1 MWF 8:50-9:40 WU X  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COOPERATIVE EDUCATN MTEOR 398 R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR  
4823005 1 ARRANGED  
MEETS: AUG 21-DEC 15

WATERSHED HYDROLOGY MTEOR 402 3 CREDITS  
3442005 1 MW 11:00-11:50 GUTOWSKI W  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GLOBAL CHANGE MTEOR 404 3 CREDITS  
8141005 1 TR 2:10-3:25 MAUDLIN L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SYNOPTIC METEOROLGY MTEOR 411 3 CREDITS  
Prereq: MTEOR 311; MTEOR 454  
5387005 1 W 2:40-3:30 GALLUS W  
MWF 2:15-2:35 GALLUS W  
R 9:00-11:50 GALLUS W  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DYNAMIC METEOROLG I MTEOR 443 3 CREDITS  
Prereq: MTEOR 341  
5385005 1 MWF 1:10-2:00 WILLIAMS I  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ATMOSPHERIC CHEM MTEOR 460X 3 CREDITS  
Prereq: CHEM 163 OR CHEM 167 OR CHEM 178 OR CHEM  
201  
4705005 1 TR 12:40-1:55 MAUDLIN L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## METEOROLOGY

(CONTINUED)

SURV REMOTE SNS TEC MTEOR 489 3 CREDITS  
9748005 1 MW 9:55-10:45 ZHOU Y  
ARRANGED ZHOU Y  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

IND STUDY SYNOPTIC MTEOR 490A 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8424005 1 ARRANGED  
MEETS: AUG 21-DEC 15

INDEP STUDY DYNAMIC MTEOR 490B 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8425005 1 ARRANGED  
MEETS: AUG 21-DEC 15

IND STUDY PHYSICAL MTEOR 490C 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8426005 1 ARRANGED  
MEETS: AUG 21-DEC 15

IND STU INSTRUMENTN MTEOR 490D 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
1010005 1 ARRANGED  
MEETS: AUG 21-DEC 15

IND STUDY HYDROLOGY MTEOR 490E 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8668005 1 ARRANGED  
MEETS: AUG 21-DEC 15

COOPERATIVE EDUCATN MTEOR 498 R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
4824005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SENIOR RESEARCH MTEOR 499 2 CREDITS  
Prereq: MTEOR 399  
5392005 1 T 4:10-5:00 PATRICOLA C  
W 4:25-5:15 PATRICOLA C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WATERSHED HYDROLOGY MTEOR 502 3 CREDITS  
6290005 1 MW 11:00-11:50 GUTOWSKI W  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GLOBAL CHANGE MTEOR 504 3 CREDITS  
8142005 1 TR 2:10-3:25 MAUDLIN L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SYNOPTIC METEOROLGY MTEOR 511 3 CREDITS  
Prereq: MTEOR 311; MTEOR 454  
4575005 1 W 2:40-3:30 GALLUS W  
MWF 2:15-2:35 GALLUS W  
R 9:00-11:50 GALLUS W  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHYSICAL METEOROLGY MTEOR 542 3 CREDITS  
Prereq: MTEOR 342, MATH 266, PHYS 232  
5395005 1 MWF 2:15-3:05 WU X  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DYNAMIC METEOROLG I MTEOR 543X 3 CREDITS  
Prereq: MTEOR 341  
4628005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SURV REMOTE SNS TEC MTEOR 589 3 CREDITS  
9750005 1 MW 9:55-10:45 ZHOU Y  
ARRANGED ZHOU Y  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## METEOROLOGY

(CONTINUED)

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8427005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8429005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8430005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8431005 1 R 4:10-5:00  
MEETS: AUG 21-DEC 15

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
8432005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8433005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8434005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8435005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8437005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
1230005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3901005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3904005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8669005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SP TOP GEOPH FLU DY MTEOR 590N 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
9186005 1 ARRANGED  
MEETS: AUG 21-DEC 15

GRADUATE SEMINAR MTEOR 595B R CREDIT  
Prereq: SENIOR OR GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
3599005 1 T 4:10-5:25 WILLIAMS I  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH MTEOR 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MICROBIOLOGY**

MICROBIAL WORLD MICRO 101 3 CREDITS  
9323005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRO&ED PREP MICROBI MICRO 110 1 CREDIT  
Satisfactory-Fail Only.  
8683005 1 R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8683010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is WWW

## MICROBIOLOGY (CONTINUED)

PHAGE DISCOVERY LAB MICRO 115 2 CREDITS  
0172005 1 MWF 11:00-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO MICROBIOLOGY MICRO 201 2 CREDITS  
Prereq: ONE BIOL COURSE EXCEPT BIOL 110, BIOL 111, BIOL 112, BIOL 173, BIOL 201, BIOL 307  
5305005 1 MW 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO MICROBIOL LAB MICRO 201L 1 CREDIT  
Prereq: MICRO 201 OR MICRO 302  
Note: CREDIT FOR EITHER MICRO 201L OR MICRO 302L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
1433005 1 MW 8:50-10:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1433010 2 MW 10:35-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1433015 3 MW 12:05-1:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1433020 4 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1433025 5 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1433030 6 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LIV ONE HLTH WORLD MICRO 265 2 CREDITS  
0931005 1 ARRANGED BOURY N  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

BIOL MICROORGANISMS MICRO 302 3 CREDITS  
Prereq: BIOL 211; BIOL 212; 3 CREDITS OF CHEM  
1426005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MICROBIOLOGY LAB MICRO 302L 1 CREDIT  
Prereq: MICRO 201 OR MICRO 302  
Note: CREDIT FOR EITHER MICRO 201L OR MICRO 302L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
3024005 1 MW 1:50-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3024010 2 MW 3:20-4:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3024015 3 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3024020 4 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MEDICAL MICROBIOLGY MICRO 310 3 CREDITS  
Prereq: MICRO 302 OR (MICRO 201 MINIMUM B GRADE)  
5307005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MEDICL MICROBIO LAB MICRO 310L 1 CREDIT  
Prereq: (MICRO 201 OR MICRO 302); (MICRO 201L OR MICRO 302L); MICRO 310  
3025005 1 TR 9:15-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO MICRO MAJORS ONLY  
Course delivery is On-site instruction  
3025010 2 TR 9:15-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3025015 3 TR 11:00-12:30  
MEETS: AUG 21-DEC 15  
Note: SEC 3 RESTRICTED TO MICRO MAJORS ONLY  
Course delivery is On-site instruction  
3025020 4 TR 11:00-12:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GLOBAL HEALTH MICRO 360 3 CREDITS  
Prereq: BIOL 211  
Note: Meets international perspectives reqmt  
0526005 1 TR 4:10-5:25 DAVIS R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SAFTY FOOD FROM ANI MICRO 407 3 CREDITS  
Prereq: MICRO 201 OR MICRO 302  
1881005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MICROBIOLOGY (CONTINUED)

VIROLOGY MICRO 408 3 CREDITS  
Prereq: BMB 301 OR BIOL 313  
5314005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOOD MICROBIOLOGY MICRO 420 3 CREDITS  
Prereq: MICRO 201 OR MICRO 302  
5315005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LAB MICR PHYSL,DVRS MICRO 440 4 CREDITS  
Prereq: BIOL 313L; CHEM 332; MICRO 302; MICRO 302L  
Note: COURSE RESTRICTED TO MICR MAJORS ONLY  
6135005 1 TR 1:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SURVEY IN MICROBIOL MICRO 451 R CREDIT  
Prereq: 12 CREDITS IN MICRO  
Satisfactory-Fail Only  
7214005 1 T 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRINCIP OF MYCOLOGY MICRO 456 3 CREDITS  
Prereq: 10 CREDITS IN BIOL OR MICRO  
7203005 1 MW 11:00-11:50  
W 2:15-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7203010 2 MW 11:00-11:50  
F 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MICROBIAL ECOLOGY MICRO 487 3 CREDITS  
Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
3849005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEP STU:LAB RSRCH MICRO 490A VAR. CREDITS  
Prereq: 6 CREDITS OF 300-LEVEL CREDIT IN MICRO;  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU:LIT RVIEW MICRO 490B VAR. CREDITS  
Prereq: 6 CREDITS OF 300-LEVEL CREDIT IN MICRO;  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDP STU:INSTR ASST MICRO 490C VAR. CREDITS  
Prereq: 6 CREDITS OF 300-LEVEL CREDIT IN MICRO;  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MICRO 490H 1- 5 CREDITS  
Prereq: 6 CREDITS OF 300-LEVEL CREDIT IN MICRO;  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP MICRO 495 1- 2 CREDITS  
Prereq: 6 CREDITS OF 300-LEVEL CREDIT IN MICRO;  
PERMISSION OF ACADEMIC ADVISOR  
Satisfactory-Fail Only  
9679005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SAFTY FOOD FROM ANI MICRO 507 3 CREDITS  
Prereq: MICRO 201 OR MICRO 302  
2129005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GUT MICROBIOME:HLTH MICRO 517 3 CREDITS  
Prereq: 2-3 CREDITS IN MICROBIOLOGY AND/OR IMMUNOLOGY  
7736005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## MICROBIOLOGY

(CONTINUED)

- MICROB DIVRS&PHYLOG MICRO 551 1 CREDIT  
Prereq: MICRO 302, BIOL 301  
7016005 1 MWF 1:10-2:00  
MEETS: AUG 21-SEPT 22  
Note: Course delivery is On-site instruction
- BACT MOLE GEN&PHYSL MICRO 552 1 CREDIT  
Prereq: MICRO 302, BIOL 313  
7024005 1 MWF 1:10-2:00  
MEETS: SEPT 25-OCT 27  
Note: Course delivery is On-site instruction
- PATHOGENIC MICROORG MICRO 553 1 CREDIT  
Prereq: MICRO 302, BIOL 313  
7078005 1 MWF 1:10-2:00  
MEETS: OCT 30-DEC 15  
Note: Course delivery is On-site instruction
- MEDICL BACTERIOLOGY MICRO 586 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
6947005 1 MWF 9:00-9:50  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- MICROBIAL ECOLOGY MICRO 587 3 CREDITS  
Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
6759005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- SPECIAL TOPICS MICRO 590 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- SEMINAR MICRO 604 1 CREDIT  
Satisfactory-Fail Only.  
6962005 1 R 2:35-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- MOLECULAR IMMUNOLGY MICRO 615 3 CREDITS  
Prereq: BMB 405 OR BMB 502  
5339005 1 W 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- CURR TOPIC MICROBIO MICRO 690A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- GRAD RESEARCH ROTAT MICRO 697 VAR. CREDITS  
7161005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- RESEARCH MICRO 699 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MILITARY SCIENCE

(CONTINUED)

- BASC LEADRS LAB III M S 201L 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN M S 201  
Note: CONCURRENT ENROLLMENT IN M S 201 REQUIRED  
4998005 1 W 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- ADV PHY READINESS I M S 250 2 CREDITS  
Prereq: M S 150  
6398005 1 MTRF 6:00-7:15  
MEETS: AUG 21-DEC 15  
Note: Permission of department chair required.  
Course delivery is On-site instruction
- IND STDY:BASIC MILI M S 290 1- 3 CREDITS  
Prereq: PERMISSION OF THE M S DEPT CHAIR  
8153005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.
- MTHD INSTR MIL SKIL M S 301 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN M S 301L  
Note: Department permission required.  
5004005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5004010 2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- ADV LEADERSHP LAB I M S 301L 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN M S 301  
Note: Permission of department chair required.  
5003005 1 W 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- SEMNR:MILITARY TEAM M S 401 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN M S 401L  
Note: Permission of department chair required.  
5007005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 5007010 2 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- ADV LEADRSHP LAB III M S 401L 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN M S 401  
Note: Permission of department chair required.  
5008005 1 W 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- IND STDY:ADV MIL ST M S 490 1- 3 CREDITS  
Prereq: M S 301; M S 302; M S 401; M S 402;  
PERMISSION OF THE CHAIR OF THE MILITARY SCIENCE  
DEPARTMENT  
9598005 1 ARRANGED  
MEETS: AUG 21-DEC 15

## MOLECULAR CELLULAR DEV BIOLOGY

- ADVNCVS DEVELTL BIOL MCDB 533 3 CREDITS  
Prereq: BIOL 314  
4592005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- PLANT MOLEC&DEV BIO MCDB 545 3 CREDITS  
Prereq: BIOL 314, BIOL 330  
5257005 1 TR 9:30-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- SPECIAL TOPICS MCDB 590 VAR. CREDITS  
5260005 1 ARRANGED  
MEETS: AUG 21-DEC 15
- GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS  
Satisfactory-Fail Only.  
7278005 1 ARRANGED  
MEETS: AUG 21-DEC 15
- RESEARCH MCDB 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MUSIC

- INTRO MILITARY SCI M S 101 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN M S 101L  
Note: CONCURRENT ENROLLMENT IN M S 101L REQUIRED  
4993005 1 W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 4993010 2 W 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- BASC LEADRSHP LAB I M S 101L 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN M S 101  
Note: CONCURRENT ENROLLMENT IN M S 101 REQUIRED  
4994005 1 W 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- ARMY PHY READINESS M S 150 1 CREDIT  
8414010 2 MTR 6:00-7:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- PRIN OF LEADERSHIP M S 201 2 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN M S 201L  
Note: CONCURRENT ENROLLMENT IN M S 201L REQUIRED  
4997005 1 MW 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 4997010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 4997015 3 MW 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

- FUNDAMNTLS OF MUSIC MUSIC 101 2 CREDITS  
Note: CREDIT IN ONLY ONE OF THE FOLLOWING  
COURSES MAY BE APPLIED TOWARD GRADUATION:  
MUSIC 101, MUSIC 105, MUSIC 201X  
7180005 1 MWF 8:50-9:40 WORK G  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 7180010 2 MWF 3:20-4:10 MARTINIC-JERCIC  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MUSIC (CONTINUED)

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS  
 Note: Meets international perspectives reqmt  
 5406005 1 MWF 8:50-9:40 CHRISTENSEN A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 5406010 2 MWF 9:55-10:45 CHRISTENSEN A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 5406015 3 ARRANGED TAM T  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

WIND ENSEMBLE MUSIC 111 1 CREDIT  
 Note: ADDITIONAL EXPENSES MAY APPLY  
 5408005 1 MWF 12:05-12:55 GOLEMO M  
 R 12:10-1:00 GOLEMO M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CONCERT BAND MUSIC 112 1 CREDIT  
 Note: ADDITIONAL EXPENSES MAY APPLY  
 5409005 1 TR 9:30-10:45 SHIELDS J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

JAZZ ENSEMBLE MUSIC 113 1 CREDIT  
 Note: ADDITIONAL EXPENSES MAY APPLY  
 5410005 1 TR 2:10-3:40 GILES M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5410010 2 MW 3:20-4:50 GILES M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MARCHING BAND MUSIC 114A 1 CREDIT  
 Note: ADDITIONAL EXPENSES MAY APPLY. STUDENTS  
 MAY NOT BE CONCURRENTLY ENROLLED IN MUSIC 114C.  
 5411005 1 MWF 5:30-6:50PM CARICHNER C  
 S 10:00-11:50 CARICHNER C  
 TR 5:10-6:25PM CARICHNER C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PEP BAND FOR SOCC&W MUSIC 114C 1 CREDIT  
 9818005 1 TR 5:10-6:25PM SHIELDS J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SYMPHONIC BAND MUSIC 115 1 CREDIT  
 Note: ADDITIONAL EXPENSES MAY APPLY  
 9610005 1 MWF 11:00-11:50 GOLEMO M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: CREDIT IN MUSIC 118A WILL NOT SATISFY APPLIED  
 MUSIC REQUIREMENTS FOR MUSIC MAJORS  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: CREDIT IN MUSIC 118B WILL NOT SATISFY APPLIED  
 MUSIC REQUIREMENTS FOR MUSIC MAJORS  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 118C 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 118D 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 118E 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 118F 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 118G 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: CREDIT IN MUSIC 118G WILL NOT SATISFY APPLIED  
 MUSIC REQUIREMENTS FOR MUSIC MAJORS  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSIC (CONTINUED)

APPLD MUSIC PERCUSS MUSIC 118I 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: CREDIT IN MUSIC 118I WILL NOT SATISFY APPLIED  
 MUSIC REQUIREMENTS FOR MUSIC MAJORS  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 118K 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: CREDIT IN MUSIC 118K WILL NOT SATISFY APPLIED  
 MUSIC REQUIREMENTS FOR MUSIC MAJORS  
 Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 119D 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 119I 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 119K 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CLASS VOICE MUSIC 125 1 CREDIT  
 1956005 1 MW 4:25-5:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CLASS STUDY PIANO I MUSIC 127 1 CREDIT  
 Prereq: MUSIC MAJOR OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
 THE INSTRUCTOR.  
 5432005 1 TR 11:00-11:50 RODGERS J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5432010 2 TR 9:55-10:45 BRONSON J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5432015 3 MW 8:50-9:40 BRONSON J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

LYRICA ENSEMBLE MUSIC 141 1 CREDIT  
 Note: ADDITIONAL EXPENSES MAY APPLY  
 5437005 1 MW 2:15-3:05 RODGERS J  
 F 2:15-3:05 RODGERS J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CANTAMUS ENSEMBLE MUSIC 151A 1 CREDIT  
 Note: ADDITIONAL EXPENSES MAY APPLY  
 4461005 1 MWF 11:00-11:50 RODGERS J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT  
 4471005 1 MWF 1:10-2:00 RODDE J  
 MEETS: AUG 21-DEC 15  
 Note: ADDITIONAL EXPENSES MAY APPLY  
 Course delivery is On-site instruction

MUSIC (CONTINUED)

MUSIC (CONTINUED)

IOWA STATE SINGERS MUSIC 161 1 CREDIT  
 Note: ADDITIONAL EXPENSES MAY APPLY  
 5441005 1 MWF 12:05-12:55 RODDE J  
 TR 12:10-1:00 RODDE J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT  
 Note: ADDITIONAL EXPENSES MAY APPLY  
 5443005 1 TR 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 219C 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 219D 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 219K 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSIC THEORY I MUSIC 224 4 CREDITS  
 Prereq: MUSIC MAJOR OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY  
 OR PERMISSION OF INSTRUCTOR  
 2419005 1 MWF 2:15-3:05 STURM J  
 R 3:10-4:00 BRYDEN K  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2419010 2 MWF 3:20-4:10 STURM J  
 T 2:10-3:00 BRYDEN K  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2419015 3 MWF 3:20-4:10 STURM J  
 R 2:10-3:00 BRYDEN K  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2419020 4 MWF 3:20-4:10 STURM J  
 R 3:10-4:00 BRYDEN K  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2419025 5 MWF 2:15-3:05 STURM J  
 T 2:10-3:00 BRYDEN K  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

2419030 6 MWF 2:15-3:05 STURM J  
 R 2:10-3:00 BRYDEN K  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AURAL THEORY I MUSIC 225 1 CREDIT  
 Prereq: (MUSIC MAJOR; CREDIT OR CONCURRENT  
 ENROLLMENT IN MUSIC 224) OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY  
 2420005 1 MW 9:55-10:45 DISHMAN N  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CLASS STU PIANO III MUSIC 227 1 CREDIT  
 Prereq: MUSIC 128 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY  
 Instructor permission required 1st week.  
 5455005 1 MW 11:00-11:50 BRONSON J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5455010 2 TR 9:00-9:50 BRONSON J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO CRTV DGTL MUS MUSIC 246 2 CREDITS  
 5578005 1 MW 1:10-2:00 HOPKINS C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

MUSIC IN ELEM EDUC MUSIC 265 2 CREDITS  
 Prereq: HD FS 102 OR PSYCH 230  
 7209005 1 TR 3:10-4:00 VERSTEEGT K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7209010 2 TR 4:10-5:00 VERSTEEGT K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7209015 3 TR 5:10-6:00PM VERSTEEGT K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7209020 4 TR 2:10-3:00 VERSTEEGT K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB CONDUCTING MUSIC 290G VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 290H VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: COURSE RESTRICTED TO STUDENTS IN THE  
 UNIVERSITY HONORS PROGRAM ONLY  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

OPERA/OPRTTA STUDIO MUSIC 301A 1- 3 CREDITS  
 8656005 1 ARRANGED SONKA C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HIS AMER ROCK'N'ROL MUSIC 304 3 CREDITS  
 Prereq: MUSIC 101, MUSIC 102, MUSIC 224,  
 OR MUSIC 225  
 8118005 1 ARRANGED OAKES G  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

APPLIED MUSIC VOICE MUSIC 318A 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 318B 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MUSIC

(CONTINUED)

APPLIED MUSIC ORGAN MUSIC 318C 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 318D 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 318E 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 318F 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 318G 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 318I 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 318K 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1- 3 CREDITS  
Prereq: MUSIC MAJOR; PASSING GRADE ON  
CONTINUATION EXAM; PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CREDITS  
Prereq: MUSIC MAJOR; PASSING GRADE ON  
CONTINUATION EXAM; PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 319C 1- 3 CREDITS  
Prereq: MUSIC MAJOR; PASSING GRADE ON  
CONTINUATION EXAM; PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 319D 1- 3 CREDITS  
Prereq: MUSIC MAJOR; PASSING GRADE ON  
CONTINUATION EXAM; PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS  
Prereq: MUSIC MAJOR; PASSING GRADE ON  
CONTINUATION EXAM; PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CREDITS  
Prereq: MUSIC MAJOR; PASSING GRADE ON  
CONTINUATION EXAM; PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS  
Prereq: MUSIC MAJOR; PASSING GRADE ON  
CONTINUATION EXAM; PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CREDITS  
Prereq: MUSIC MAJOR; PASSING GRADE ON  
CONTINUATION EXAM; PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 319K 1- 3 CREDITS  
Prereq: MUSIC MAJOR; PASSING GRADE ON  
CONTINUATION EXAM; PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE MUSIC 321A 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MUSIC

(CONTINUED)

ADV ENSEMBLE ORGAN MUSIC 321C 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL STRINGS MUSIC 321D 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSM PERCUSSION MUSIC 321I 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED MUSIC 321J 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSIC THEORY III MUSIC 334 3 CREDITS  
Prereq: MUSIC 234  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.

2506005 1 MWF 7:45-8:35 GOBLE J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2506010 2 MWF 8:50-9:40 BRONSON J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AURAL THEORY III MUSIC 335 1 CREDIT  
Prereq: MUSIC 235; CREDIT OR CONCURRENT  
ENROLLMENT IN MUSIC 334  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.

2544005 1 TR 8:00-8:50 BRYDEN K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2544010 2 TR 9:00-9:50 STURM J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STRING TECHNIQUES MUSIC 350 1 CREDIT  
Prereq: MUSIC MAJOR; CONCURRENT ENROLLMENT IN  
MUSIC 358B OR MUSIC 358C  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.

5499005 1 MW 2:15-3:05 WORK G  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WDWIND:OBOE,BASSN MUSIC 352 1 CREDIT  
Prereq: MUSIC MAJOR; CONCURRENT ENROLLMENT IN  
MUSIC 358B OR MUSIC 358C

5501005 1 TR 11:00-11:50 CHRISTENSEN A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BRASS:TRMPT,FR HORN MUSIC 353 1 CREDIT  
Prereq: MUSIC MAJOR; CONCURRENT ENROLLMENT IN  
MUSIC 358B OR MUSIC 358C  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.

5502005 1 MW 2:15-3:05 JOHNSON J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LAB ENSEMBLE:CHORAL MUSIC 358A R CREDIT  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.  
Satisfactory-Fail Only.

7331005 1 W 4:25-5:30 SVEC C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LAB ENSEMBLE:INSTRUM MUSIC 358B R CREDIT  
Note: ADDITIONAL EXPENSES MAY APPLY  
COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.  
Satisfactory-Fail Only.

7330005 1 T 12:10-1:00 ROYSTON N  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction



MUSIC

(CONTINUED)

CONDUCTING I MUSIC 361 2 CREDITS  
 Prereq: (MUSIC 234; MUSIC 235; MUSIC MAJOR) OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.  
 5507005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

METHODS MUSIC EDUC MUSIC 366 2 CREDITS  
 Prereq: MUSIC MAJOR; MUSIC 266; CONCURRENT ENROLLMENT IN MUSIC 480K  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.  
 4596005 1 TR 11:00-11:50 SVEC C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INSTRUM MTHD FOR VO MUSIC 374 1 CREDIT  
 Prereq: MUSIC MAJOR; MUSIC 280K  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.  
 8763005 1 F 7:45-8:35 VAN DUSEN S  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HISTORY OF MUSIC I MUSIC 383 3 CREDITS  
 Prereq: (MUSIC 120; MUSIC MAJOR) OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.  
 Meets international perspectives reqmt  
 5511005 1 MWF 9:55-10:45 STURM J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

LIT & PEDAGOGY VOICE MUSIC 415A 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY PIANO MUSIC 415B 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY ORGAN MUSIC 415C 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG STRINGS MUSIC 415D 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG WOODWIND MUSIC 415F 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY BRASS MUSIC 415G 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG PERCUSSN MUSIC 415I 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG JAZZ PERF MUSIC 415J 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

STUDNT TCH ELEM MUS MUSIC 417R VAR. CREDITS  
 Prereq: MINIMUM GPA OF 2.5; ADMISSION TO TEACHER EDUCATION; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM  
 6741005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

6741010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

6741015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

6741020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

STUDNT TCHG SEC MUS MUSIC 417S VAR. CREDITS  
 Prereq: MINIMUM GPA OF 2.5; ADMISSION TO TEACHER EDUCATION; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS OF THE EDUCATOR PREP PROGRAM  
 6690005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

6690010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

6690015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA. OFFERED FOR 8 CREDITS.

6690020 2R ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

APPLIED MUSIC VOICE MUSIC 419A 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 419B 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 419C 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 419D 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 419E 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 419F 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 419I 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 419K 1- 3 CREDITS  
 Prereq: MUSIC MAJOR; PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

JR/SENIOR RECITAL MUSIC 420 R CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN MUSIC 219, MUSIC 319, OR MUSIC 419  
 Note: ADDITIONAL EXPENSES MAY APPLY Satisfactory-Fail Only.  
 5584005 1 ARRANGED DELL B  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MUSIC

(CONTINUED)

SOUND SYNTHES DESGN MUSIC 446 3 CREDITS  
 Prereq: MUSIC 246 OR PERMISSION OF INSTRUCTOR  
 5524005 1 M 3:20-4:10 STURM J  
 W 3:20-5:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

CHORAL MATRLS&METHD MUSIC 465 2 CREDITS  
 Prereq: MUSIC MAJOR; MUSIC 366; CONCURRENT  
 ENROLLMENT IN MUSIC 358A  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
 THE INSTRUCTOR.  
 5526005 1 TR 2:10-3:00 SVEC C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PGM DEV&EVAL MUS ED MUSIC 466 2 CREDITS  
 Prereq: MUSIC 362; CREDIT OR CONCURRENT  
 ENROLLMENT IN MUSIC 366; CONCURRENT ENROLLMENT IN  
 MUSIC 480K  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 5527005 1 TR 9:55-10:45 HOPKINS C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

HISTORY AMERI MUSIC MUSIC 472 3 CREDITS  
 Prereq: MUSIC 101 OR MUSIC 224  
 Note: Meets U.S. diversity reqmt  
 5529005 1 MWF 3:20-4:10 STURM J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MUSIC & NEUROSCIENC MUSIC 474X 3 CREDITS  
 Prereq: KIN 372 OR PERMISSION BY INSTRUCTOR  
 1395005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

EXPERNCE III: MUSIC MUSIC 480K 1- 2 CREDITS  
 Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
 THE INSTRUCTOR. STUDENTS MUST HAVE 2.5 DAYS AVAILABLE  
 FOR FIELD EXPERIENCE.  
 Satisfactory-Fail Only.  
 7691005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

INDEP STDY MUSIC ED MUSIC 490A VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY THEORY MUSIC 490B VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU COMPOSITION MUSIC 490C VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY MUSIC 490D VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY LITERATURE MUSIC 490E VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY APPL MUSIC MUSIC 490F VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY CONDUCTG MUSIC 490G VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS MUSIC 490H VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
 HONORS PROGRAM ONLY  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

IND STDY ELECTRNC M MUSIC 490I VAR. CREDITS  
 Prereq: 12 CREDITS IN MUSIC; DEPARTMENT  
 PERMISSION  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

STUDNT TCH:ELEM MUS MUSIC 517R VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 6061005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 6061010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 6061015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 6061020 2R ARRANGED  
 MEETS: OCT 16-DEC 15

STUDNT TCHG SEC MUS MUSIC 517S VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 6177005 1A ARRANGED  
 MEETS: AUG 21-OCT 13  
 6177010 1R ARRANGED  
 MEETS: AUG 21-OCT 13  
 6177015 2A ARRANGED  
 MEETS: OCT 16-DEC 15  
 6177020 2R ARRANGED  
 MEETS: OCT 16-DEC 15

SPECL TOPICS THEORY MUSIC 590B VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
 DEPARTMENT HEAD  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS COMPOSIT MUSIC 590C VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
 DEPARTMENT HEAD  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC MUSIC 590F VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
 DEPARTMENT HEAD  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRNC MU MUSIC 590I VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
 DEPARTMENT HEAD  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**NATURAL RESOURCE ECOLOGY AND MGMT**

NAT RESOURC ORIENTA NREM 110 1 CREDIT  
 Satisfactory-Fail Only.  
 1054005 1 TR 2:10-3:00  
 MEETS: AUG 21-OCT 13  
 Note: SEC 1 FOR ADULT AND TRANSFER STUDENTS  
 Course delivery is On-site instruction

1054010 2 T 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO FRESHMEN ONLY  
 Course delivery is On-site instruction

1054015 3 R 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO FRESHMEN ONLY  
 Course delivery is On-site instruction

1054020 4 W 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 RESTRICTED TO FRESHMEN ONLY  
 Course delivery is On-site instruction

1054025 5 W 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

NREM LRN CMM SEMINR NREM 111 1 CREDIT  
 Prereq: MEMBER OF THE NREM TRANSITIONS LEARNING  
 COMMUNITY  
 Satisfactory-Fail Only.  
 8032005 1 M 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8032010 2 W 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

8032015 3 R 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTR RENEW RESOURCS NREM 120 3 CREDITS  
 1297005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1297010 2 ARRANGED SKRYNNIKOVA L  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

## NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NAT RESOURC CAREERS NREM 211 1 CREDIT  
Prereq: SOPHOMORE CLASSIFICATION  
Satisfactory-Fail Only.  
4467005 1 TR 2:10-3:00  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

ENVIRONMTL GEOGRPHY NREM 250 3 CREDITS  
0808005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0808010 2 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FND NAT R PLCY&HIST NREM 270 3 CREDITS  
3541005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
3541010 2 ARRANGED SKRYNNIKOVA L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

FOREST ECOLOGY&SOILS NREM 301 4 CREDITS  
Prereq: BIOL 211; BIOL 211L; (FOR 201 OR A SECOND COURSE IN BIOLOGY)  
3717005 1 TR 8:00-9:15  
T 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3717010 2 TR 8:00-9:15  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERNSHIP NREM 303 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; SOPHOMORE CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR NREM 305 1- 3 CREDITS  
1058005 1 M 2:15-3:05  
F 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: SEC 1 OFFERED FOR 3 CREDITS. TOPIC: WILDLIFE CARE  
Course delivery is On-site instruction

GENET FOR N RES MGR NREM 315 3 CREDITS  
Prereq: BIOL 211; BIOL 212  
7686005 1 MWF 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FIELD ECO RSCH&TCHG NREM 380 3 CREDITS  
Prereq: CREDIT OR CURRENT ENROLLMENT IN (A ECL 312 OR BIOL 312 OR ENSCI 312 OR NREM 301) OR DEPARTMENT PERMISSION  
8730005 1 WF 7:45-8:35  
F 11:00-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FIRE ECOLOGY & MGT NREM 390 3 CREDITS  
3726005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WATERSHED HYDROLOGY NREM 402 3 CREDITS  
5332005 1 MW 11:00-11:50 GUTOWSKI W  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GIS&GPS NAT RESOURC NREM 446 3 CREDITS  
Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE  
3032005 1 TR 8:00-8:50  
T 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3032010 2 TR 8:00-8:50  
W 11:00-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STREAM RESTORATION NREM 455 2 CREDITS  
Prereq: A ECL 418 OR A B E 431 OR C E 372 OR GEOL 402 OR NREM 407  
0564005 1 MW 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STREAM RSTORATN LAB NREM 455L 1 CREDIT  
Prereq: A ECL 418 OR A B E 431 OR C E 372 OR GEOL 402 OR NREM 407  
0566005 1 W 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

CONTRV NAT RSRC MGT NREM 460 3 CREDITS  
Prereq: (A ECL 312 OR NREM 301); NREM 120; JUNIOR CLASSIFICATION  
7598005 1 MW 1:10-2:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7598010 2 MW 4:25-5:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SURV REMOTE SNS TEC NREM 489 3 CREDITS  
9752005 1 MW 9:55-10:45 ZHOU Y  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

IND STDY ANIMAL ECO NREM 490A 1- 4 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC NREM 498 1- 3 CREDITS  
Prereq: DEPARTMENT CHAIR PERMISSION  
Note: Permission of department chair required.  
Satisfactory-Fail Only.  
7593005 1 ARRANGED  
MEETS: AUG 21-DEC 15

WATERSHED HYDROLOGY NREM 502 3 CREDITS  
1329005 1 MW 11:00-11:50 GUTOWSKI W  
R 3:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEMINAR NREM 505 1- 3 CREDITS  
Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION  
1083005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS. UNDERGRADS  
NEED PERMISSION OF THE DEPARTMENT TO REGISTER.  
TOPIC: READING AND DISCUSSION CLASS FOCUSED ON THE  
BOOK "BRAIDING SWEETGRASS" OFFERED FOR 1 CREDIT.  
Course delivery is On-site instruction

INTR PROTEOMCS TCNQ NREM 542E 1 CREDIT  
Satisfactory-Fail Only.  
3810005 1 TR 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR METABLMCS TCNQ NREM 542F 1 CREDIT  
Satisfactory-Fail Only.  
9025005 1 M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTEGRATING GIS&GPS NREM 546 3 CREDITS  
Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE  
3821005 1 TR 8:00-8:50  
T 12:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
3821010 2 TR 8:00-8:50  
W 11:00-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STREAM RESTORATION NREM 555 2 CREDITS  
Prereq: A ECL 418 OR A B E 431 OR C E 372 OR GEOL 402 OR NREM 407  
0565005 1 MW 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STREAM RSTORATN LAB NREM 555L 1 CREDIT  
Prereq: A ECL 418 OR A B E 431 OR C E 372 OR GEOL 402 OR NREM 407  
0567005 1 W 12:05-2:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SURV REMOTE SNS TEC NREM 589 3 CREDITS  
9757005 1 MW 9:55-10:45 ZHOU Y  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

SPL TOPCS ANIML ECO NREM 590A 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY NREM 590B 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP NREM 593 1- 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: Instructor permission required 1st week.

1106005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1106010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

1106015 3 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TEACHING PRACTICUM NREM 598 1 CREDIT  
Prereq: GRAD CLASSIFICATION AS M.S. CANDIDATE  
IN AN NREM MAJOR, PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT NREM 599 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR NREM 600 1 CREDIT  
3827005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TEACHING PRACTICUM NREM 698 1 CREDIT  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1-12 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## NAVAL SCIENCE

INTRO NAVAL SCIENCE N S 111 3 CREDITS  
Note: THE TUESDAY AND THURSDAY AFTERNOON LABS ARE NOT  
REQUIRED OF NON-ROTC PROGRAM STUDENTS

5551005 1 MWF 7:45-8:35  
TR 4:10-5:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LEADERSHIP&MANAGEMT N S 220 3 CREDITS  
Note: THE TUESDAY AND THURSDAY AFTERNOON LABS ARE NOT  
REQUIRED OF NON-ROTC PROGRAM STUDENTS

5731005 1 MWF 9:55-10:45  
TR 4:10-5:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NAVAL SHIP SYSTMS I N S 320 3 CREDITS  
Prereq: PHYS 231; PHYS 231L; SOPHOMORE  
CLASSIFICATION  
Note: THE TUESDAY AND THURSDAY AFTERNOON LABS ARE  
NOT REQUIRED OF NON-ROTC PROGRAM STUDENTS.  
COURSE NOT OPEN TO FRESHMEN.

5687005 1 MWF 8:50-9:40  
TR 4:10-5:25  
MEETS: AUG 21-DEC 15  
Note: SEC 1 FOR NROTC STUDENTS ONLY  
Course delivery is On-site instruction

5687010 2 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: SEC 2 IS FOR NON-NROTC STUDENTS.  
NROTC STUDENTS SHOULD REGISTER FOR SECTION 1.  
Course delivery is On-site instruction

NAVAL OPER&SEAMNSHP N S 410 3 CREDITS  
Prereq: N S 230; SENIOR CLASSIFICATION  
Note: THE TUESDAY AND THURSDAY AFTERNOON LABS ARE NOT  
REQUIRED OF NON-ROTC PROGRAM STUDENTS

5721005 1 TR 9:30-10:45  
TR 4:10-5:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SENIOR N S SEMINAR N S 440 1 CREDIT  
Prereq: SENIOR CLASSIFICATION  
Note: COURSE RESTRICTED TO SENIORS  
Satisfactory-Fail Only.

4061005 1 W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## NAVAL SCIENCE (CONTINUED)

INDEPENDENT STUDY N S 490 1- 3 CREDITS  
Prereq: 6 CREDITS IN N S; PERMISSION OF  
DEPARTMENT CHAIR; SENIOR CLASSIFICATION  
Note: NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## NEUROSCIENCE

NEUROSCIENCE ROTATN NEURO 557 2 CREDITS  
Note: Instructor permission required 1st week.

8552005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TOPCS NEUROSCNC NEURO 661 3 CREDITS  
Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR

8553005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NEUROSCIENCE SEMINR NEURO 696 1 CREDIT  
8555005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH NEURO 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## NURSING

RN-TO-BSN NRS ORIEN NRS 250 1 CREDIT  
Prereq: NRS A MAJOR OR NRS H MAJOR  
Note: COURSE RESTRICTED TO NRS A, NRS H, PNRSA,  
PNRSH MAJORS ONLY

8959005 1 T 3:25-4:15, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

CNCPTS NURSNG PRCTC NRS 320 3 CREDITS  
Prereq: NRS A MAJOR OR NRS H MAJOR  
Note: COURSE RESTRICTED TO NRS A, NRS H, PNRSA,  
PNRSH MAJORS ONLY

8960005 1 T 1:10-2:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

EVIDNC BASED PRACTC NRS 340 4 CREDITS  
Prereq: NRS A MAJOR OR NRS H MAJOR  
Note: COURSE RESTRICTED TO NRS A, NRS H, PNRSA,  
PNRSH MAJORS ONLY  
AN ADDITIONAL MATERIALS COSTS MAY APPLY

8977005 1 T 2:10-3:15, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROMO CULTR OF HLTH NRS 420 3 CREDITS  
Prereq: NRS A MAJOR OR NRS H MAJOR  
Note: COURSE RESTRICTED TO NRS A, NRS H, PNRSA,  
PNRSH MAJORS ONLY

8968005 1 T 9:55-10:45, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

IND ST:TRAN PROF PC NRS 490A 1- 2 CREDITS  
Prereq: NRS A MAJOR OR NRS H MAJOR  
Note: MAXIMUM OF 4 CREDITS OF NRS 490 MAY BE USED  
TOWARD GRADUATION

0208005 1 ARRANGED  
MEETS: AUG 21-DEC 15

IND ST:SPEC TOP NRS NRS 490B 1- 2 CREDITS  
Prereq: NRS A MAJOR OR NRS H MAJOR  
Note: MAXIMUM OF 4 CREDITS OF NRS 490 MAY BE USED  
TOWARD GRADUATION

0210005 1 ARRANGED  
MEETS: AUG 21-DEC 15

IND STDY:INTL EXPRC NRS 490C 1- 2 CREDITS  
Prereq: NRS A MAJOR OR NRS H MAJOR  
Note: MAXIMUM OF 4 CREDITS OF NRS 490 MAY BE USED  
TOWARD GRADUATION

0212005 1 ARRANGED  
MEETS: AUG 21-DEC 15

## NUTRITIONAL SCIENCES

NUTRI BIOCHM&PHYSOL NUTRS 501 4 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN BBMB 404 OR BBMB  
420  
Note: CREDIT FOR EITHER DIET 558 OR NUTRS 501,  
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

8364005 1 TR 12:40-2:30  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## NUTRITIONAL SCIENCES (CONTINUED)

INTR PROTEOMCS TCNQ NUTRS 542E 1 CREDIT  
Satisfactory-Fail Only.  
8645005 1 TR 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR METABLMCS TCNQ NUTRS 542F 1 CREDIT  
Satisfactory-Fail Only.  
9030005 1 M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV VERTB PHYSIOL I NUTRS 549 4 CREDITS  
Prereq: RECOMMENDED: AN UNDERGRADUATE PHYSIOLOGY  
COURSE AND A BIOCHEMISTRY COURSE  
3819005 1 TR 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MED NUTRIT&DISEAS I NUTRS 561 4 CREDITS  
Prereq: (BIOL 256 OR BIOL 355); FS HN 360;  
FS HN 361; FS HN 367  
Note: CREDIT FOR ONLY TWO OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: DIET 560, NUTRS 561,  
NUTRS 564  
8581005 1 TR 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMMUNITY NUTR&HLTH NUTRS 563 3 CREDITS  
Prereq: FS HN 265 OR FS HN 360; FS HN 361  
7794005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MODERN VIEWS NUTRIT NUTRS 680 R CREDIT  
7814005 1 W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7814010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL PROBLEMS NUTRS 690 VAR. CREDITS  
6201005 1 ARRANGED  
MEETS: AUG 21-DEC 15

GRANT PROPOSAL WRIT NUTRS 695 1 CREDIT  
Prereq: 3 CREDITS OF GRADUATE COURSE WORK IN  
FOOD SCIENCE AND/OR NUTRITIONAL SCIENCES  
8561005 1 R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESRCH NUTRITNL SCI NUTRS 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ORGANIZATION FOR TROPICAL STUDIES**

ECO TROPICAL BIOLGY OTS 510 8 CREDITS  
7535005 1 ARRANGED  
MEETS: AUG 21-DEC 15

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS  
7544005 1 ARRANGED  
MEETS: AUG 21-DEC 15

**PERFORMING ARTS**

PERFORM ARTS SEMINR PERF 105 .5 CREDIT  
Satisfactory-Fail Only.  
3673005 1 T 12:40-1:55 DELL B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PERFORM ARTS INTERN PERF 310 R CREDIT  
Satisfactory-Fail Only.  
3677005 1 ARRANGED  
MEETS: AUG 21-DEC 15

PERFRM ARTS CAP SEM PERF 401 2 CREDITS  
Prereq: SENIOR CLASSIFICATION  
3706005 1 T 3:40-4:55 JOHNSON T  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

**PHILOSOPHY**

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS  
5824005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## PHILOSOPHY (CONTINUED)

INTR LOGIC&SCI REAS PHIL 206 3 CREDITS  
5825005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5825010 2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR SYMBOLIC LOGIC PHIL 207 3 CREDITS  
5826005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MORAL THEOR&PRCTICE PHIL 230 3 CREDITS  
5827005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5827010 2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO BUSINESS COLLEGE MAJORS  
Course delivery is On-site instruction

5827015 3 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: SEC 3 RESTRICTED TO BUSINESS COLLEGE MAJORS

Course delivery is On-site instruction

5827025 5 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5827030 6 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: SEC 6 RESTRICTED TO BUSINESS COLLEGE MAJORS  
Course delivery is On-site instruction

5827040 8 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5827045 9 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5827050 10 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ETH ISS DIVERSE SOC PHIL 235 3 CREDITS  
Note: Meets U.S. diversity reqmt  
4962005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANCIENT PHILOSOPHY PHIL 310 3 CREDITS  
Prereq: 3 CREDITS IN PHIL OR PERMISSION OF  
INSTRUCTOR  
5830005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ETHICAL THEORY PHIL 330 3 CREDITS  
Prereq: 3 CREDITS IN PHIL OR PERMISSION OF  
INSTRUCTOR  
9628005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENVIRONMNTAL ETHICS PHIL 334 3 CREDITS  
Prereq: 3 CREDITS IN PHIL OR PERMISSION OF  
INSTRUCTOR  
3722005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOC &POLITICAL PHIL PHIL 335 3 CREDITS  
Prereq: 3 CREDITS IN PHIL OR PERMISSION OF  
INSTRUCTOR  
5837005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LIBERTY&LAW IN AMER PHIL 339 3 CREDITS  
9805005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AESTHETICS PHIL 340 3 CREDITS  
5838005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHIL OF TECHNOLOGY PHIL 343 3 CREDITS  
7343005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7343010 2 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7343015 3 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## PHILOSOPHY

(CONTINUED)

PHILOS OF RELIGION PHIL 350 3 CREDITS  
Prereq: 6 CREDITS IN PHIL OR PERMISSION OF INSTRUCTOR  
5839005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

METAPHYS SCI FI&POP PHIL 363 3 CREDITS  
Prereq: 3 CREDITS IN PHIL OR PERMISSION OF INSTRUCTOR  
0194005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TRUTH,BELIEF&REASON PHIL 366 3 CREDITS  
Prereq: 6 CREDITS IN PHIL OR PERMISSION OF INSTRUCTOR  
6256005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BRAINS,MINDS&CMPTRS PHIL 465 3 CREDITS  
5845010 1 M 3:20-5:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY PHIL 490 1- 4 CREDITS  
Prereq: 6 CREDITS IN PHIL; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHIL 490H 1- 4 CREDITS  
Prereq: 6 CREDITS IN PHIL; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVEY PHIL 492 R CREDIT  
Prereq: SENIOR CLASSIFICATION  
Note: COURSE RESTRICTED TO PHIL SENIORS GRADUATING FALL 2022  
Satisfactory-Fail Only.  
3891005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
5850005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
5851005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
Note: Instructor permission required.  
5852005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
5853005 1 ARRANGED  
MEETS: AUG 21-DEC 15

## PHYSICS

INTRO PHYSICS PREP PHYS 50 0 CREDITS  
1282005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHYS FOR NON-SCIENT PHYS 101 3 CREDITS  
5855005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHYSCL SC FOR EL ED PHYS 102L 3 CREDITS  
Prereq: MATH 140 OR MATH 195  
8651005 1 M 3:20-4:10  
TR 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8651010 2 M 3:20-4:10  
TR 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8651015 3 M 3:20-4:10  
TR 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8651020 4 M 3:20-4:10  
TR 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8651025 5 M 3:20-4:10  
TR 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## PHYSICS

(CONTINUED)

PHYSCL SC FOR EL ED PHYS 102L 3 CREDITS  
8651030 6 M 3:20-4:10  
WF 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8651035 7 M 3:20-4:10  
WF 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8651040 8 M 3:20-4:10  
WF 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8651045 9 M 3:20-4:10  
WF 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHYSICS FOR LIFE SCI PHYS 115 4 CREDITS  
9212005 1 TR 2:10-3:25  
W 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9212010 2 TR 2:10-3:25  
W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9212015 3 TR 2:10-3:25  
W 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9212020 4 TR 2:10-3:25  
W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9212025 5 TR 2:10-3:25  
W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9212030 6 TR 2:10-3:25  
W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9212035 7 TR 2:10-3:25  
W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9212040 8 TR 2:10-3:25  
W 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LAB PHYS FOR LF SCI PHYS 115L 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN PHYS 115  
9252005 1 R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9252010 2 R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9252015 3 R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9252020 4 R 3:40-5:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9252025 5 F 7:45-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9252030 6 F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9252035 7 F 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GENERAL PHYSICS I PHYS 131 4 CREDITS  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

0667005 1 TR 9:30-10:45  
F 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0667010 2 TR 9:30-10:45  
F 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0667015 3 TR 9:30-10:45  
F 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0667020 4 TR 9:30-10:45  
F 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0667025 5 TR 9:30-10:45  
F 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0667030 6 TR 9:30-10:45  
F 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## PHYSICS

(CONTINUED)

## GENERAL PHYSICS I PHYS 131 4 CREDITS

- 0667035 7 TR 9:30-10:45  
F 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0667040 8 TR 9:30-10:45  
F 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0667045 9 TR 9:30-10:45  
F 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0667050 10 TR 11:00-12:15  
F 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0667055 11 TR 11:00-12:15  
F 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0667060 12 TR 11:00-12:15  
F 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0667065 13 TR 11:00-12:15  
F 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0667070 14 TR 11:00-12:15  
F 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0667075 15 TR 11:00-12:15  
F 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0667080 16 TR 11:00-12:15  
F 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0667085 17 TR 11:00-12:15  
F 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: SEC 17 HAS ONLINE DISCUSSIONS. THE 11:00 AM LECTURES ARE DELIVERED FACE-TO-FACE & STREAMED LIVE, YOU HAVE BOTH OPTIONS. EXAMS ARE IN PERSON. YOU NEED TO BE ON-CAMPUS FOR EXAMS.  
Course delivery is Hybrid (Online and F2F)
- 0667090 18 TR 11:00-12:15  
F 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: SEC 18 HAS ONLINE DISCUSSIONS. THE 11:00 AM LECTURES ARE DELIVERED FACE-TO-FACE & STREAMED LIVE, YOU HAVE BOTH OPTIONS. EXAMS ARE IN PERSON. YOU NEED TO BE ON-CAMPUS FOR EXAMS.  
Course delivery is Hybrid (Online and F2F)

## LAB GEN PHYSICS I PHYS 131L 1 CREDIT

- 0668005 1 T 8:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668010 2 T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668015 3 T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668020 4 T 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668025 5 W 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668030 6 W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668035 7 W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668040 8 W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668045 9 W 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668050 10 R 8:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668055 11 R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668060 12 R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668065 13 R 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668070 14 F 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: SEC 14 DO NOT SIGN UP FOR THIS SEC-FRIDAY LAB- IF YOU ARE SIGNED UP FOR THE PHYS 131 RECITATION WHICH MEETS AT THE SAME DAY & TIME.  
Course delivery is On-site instruction
- 0668075 15 F 9:55-11:45  
MEETS: AUG 21-DEC 15

## PHYSICS

(CONTINUED)

## LAB GEN PHYSICS I PHYS 131L 1 CREDIT

- Note: SEC 15 DO NOT SIGN UP FOR THIS SEC-FRIDAY LAB- IF YOU ARE SIGNED UP FOR THE PHYS 131 RECITATION WHICH MEETS AT THE SAME DAY & TIME.  
Course delivery is On-site instruction
- 0668080 16 F 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: SEC 15 DO NOT SIGN UP FOR THIS SEC-FRIDAY LAB- IF YOU ARE SIGNED UP FOR THE PHYS 131 RECITATION WHICH MEETS AT THE SAME DAY & TIME.  
Course delivery is On-site instruction
- 0668085 17 W 6:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668090 18 R 6:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0668095 19 TR 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW
- 0668100 20 TR 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

## GENERAL PHYSICS II PHYS 132 4 CREDITS

- Prereq: PHYS 111 OR PHYS 131
- 0693005 1 MWF 12:05-12:55  
R 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0693010 2 MWF 12:05-12:55  
R 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0693015 3 MWF 12:05-12:55  
R 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0693020 4 MWF 12:05-12:55  
R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0693025 5 MWF 12:05-12:55  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0693030 6 MWF 12:05-12:55  
R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0693035 7 MWF 12:05-12:55  
R 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0693040 8 MWF 12:05-12:55  
R 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## LAB GEN PHYSICS II PHYS 132L 1 CREDIT

- Prereq: CREDIT OR CONCURRENT ENROLLMENT IN PHYS 112 OR PHYS 132
- 0692005 1 T 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0692010 2 T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0692015 3 T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0692020 4 T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0692025 5 T 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0692030 6 W 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0692035 7 W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0692040 8 W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction
- 0692045 9 W 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## INTRODUCTORY SEMINAR PHYS 199 1 CREDIT

- Satisfactory-Fail Only.
- 7305005 1 W 3:20-5:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## PHYSICS

(CONTINUED)

INTR CLASSC PHYS I PHYS 231 4 CREDITS  
Prereq: MATH 165; CREDIT OR CONCURRENT ENROLLMENT  
IN MATH 166  
Night exams scheduled. For dates go to  
[http://www.registrar.iastate.edu/students/exams/  
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

0694005 1 MWF 3:20-4:10  
TR 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: SEC 1 HAS FACE-TO-FACE LECTURES & DISCUSSIONS.  
THE 3.20 PM LECTURE IS ALSO LIVE STREAMED.  
Course delivery is On-site instruction

0694010 2 MWF 3:20-4:10  
TR 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC 2 HAS FACE-TO-FACE LECTURES & DISCUSSIONS.  
THE 3.20 PM LECTURE IS ALSO LIVE STREAMED.  
Course delivery is On-site instruction

0694015 3 MWF 3:20-4:10  
TR 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: SEC 3 HAS FACE-TO-FACE LECTURES & DISCUSSIONS.  
THE 3.20 PM LECTURE IS ALSO LIVE STREAMED.  
Course delivery is On-site instruction

0694020 4 MWF 3:20-4:10  
TR 5:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: SEC 4 HAS ONLINE DISCUSSIONS. LECTURES ARE  
DELIVERED FACE-TO-FACE AND STREAMED LIVE, STUDENTS  
HAVE BOTH OPTIONS FOR LECTURES. EXAMS ARE IN PERSON.  
YOU NEED TO BE ON CAMPUS FOR EXAMS.  
Course delivery is Hybrid (Online and F2F)

0694025 5 MWF 8:50-9:40  
TR 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694030 6 MWF 8:50-9:40  
TR 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694035 7 MWF 8:50-9:40  
TR 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694040 8 MWF 8:50-9:40  
TR 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694045 9 MWF 8:50-9:40  
TR 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694050 10 MWF 8:50-9:40  
TR 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694055 11 MWF 8:50-9:40  
TR 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694060 12 MWF 8:50-9:40  
TR 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694065 13 MWF 8:50-9:40  
TR 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694070 14 MWF 9:55-10:45  
TR 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694075 15 MWF 9:55-10:45  
TR 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694080 16 MWF 9:55-10:45  
TR 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694085 17 MWF 9:55-10:45  
TR 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694090 18 MWF 9:55-10:45  
TR 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694095 19 MWF 9:55-10:45  
TR 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694100 20 MWF 9:55-10:45  
TR 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694105 21 MWF 9:55-10:45  
TR 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0694110 22 MWF 9:55-10:45  
TR 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## PHYSICS

(CONTINUED)

HONORS-CLASSIC PH I PHYS 231H 4 CREDITS  
Prereq: MATH 165; CREDIT OR CONCURRENT ENROLLMENT  
IN MATH 166  
Night exams scheduled. For dates go to  
[http://www.registrar.iastate.edu/students/exams/  
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

0710015 H1 MWF 8:50-9:40  
TR 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0710020 H2 MWF 9:55-10:45  
TR 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LAB CLSCL PHYSICS I PHYS 231L 1 CREDIT  
Prereq: MATH 165; CREDIT OR CONCURRENT ENROLLMENT  
IN PHYS 221 OR PHYS 221H OR PHYS 231 OR PHYS 231H OR  
PHYS 241 OR PHYS 241H

0695005 1 M 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695010 2 M 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695015 3 M 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695020 4 M 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695025 5 M 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695030 6 T 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695035 7 T 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695040 8 T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695045 9 T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695050 10 T 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695055 11 W 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695060 12 W 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695065 13 W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695070 14 W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695075 15 W 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695080 16 R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695085 17 R 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695090 18 R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695095 19 R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695100 20 R 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695105 21 F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695110 22 F 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0695115 23 W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

0695120 24 W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INTR CLASSC PHYS II PHYS 232 4 CREDITS  
Prereq: MATH 166; PHYS 221 OR PHYS 221H OR PHYS  
231 OR PHYS 231H OR PHYS 241 OR PHYS 241H  
Night exams scheduled. For dates go to  
[http://www.registrar.iastate.edu/students/exams/  
night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

0381005 1 MWF 1:10-2:00  
T 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0381010 2 MWF 1:10-2:00  
T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction



## PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 232 4 CREDITS  
 0381015 3 MWF 1:10-2:00  
 T 10:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0381020 4 MWF 1:10-2:00  
 T 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0381025 5 MWF 1:10-2:00  
 T 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0381030 6 MWF 1:10-2:00  
 T 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0381035 7 MWF 1:10-2:00  
 T 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0381040 8 MWF 1:10-2:00  
 T 3:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0381045 9 MWF 2:15-3:05  
 T 8:00-8:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 9 HAS FACE-TO-FACE LECTURES AND DISCUSSIONS  
 BUT THE 2:15 PM LECTURE WILL BE STREAMED LIVE AND CA  
 BE FOLLOWED ONLINE.  
 Course delivery is On-site instruction

0381050 10 MWF 2:15-3:05  
 T 9:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 10 HAS FACE-TO-FACE LECTURES AND DISCUSSIONS  
 BUT THE 2:15 PM LECTURE WILL BE STREAMED LIVE AND CA  
 BE FOLLOWED ONLINE.  
 Course delivery is On-site instruction

0381055 11 MWF 2:15-3:05  
 T 10:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 11 HAS FACE-TO-FACE LECTURES AND DISCUSSIONS  
 BUT THE 2:15 PM LECTURE WILL BE STREAMED LIVE AND CA  
 BE FOLLOWED ONLINE.  
 Course delivery is On-site instruction

0381060 12 MWF 2:15-3:05  
 T 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 12 HAS FACE-TO-FACE LECTURES AND DISCUSSIONS  
 BUT THE 2:15 PM LECTURE WILL BE STREAMED LIVE AND CA  
 BE FOLLOWED ONLINE.  
 Course delivery is On-site instruction

0381065 13 MWF 2:15-3:05  
 T 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 13 HAS FACE-TO-FACE LECTURES AND DISCUSSIONS  
 BUT THE 2:15 PM LECTURE WILL BE STREAMED LIVE AND CA  
 BE FOLLOWED ONLINE.  
 Course delivery is On-site instruction

0381070 14 MWF 2:15-3:05  
 T 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 14 HAS FACE-TO-FACE LECTURES AND DISCUSSIONS  
 BUT THE 2:15 PM LECTURE WILL BE STREAMED LIVE AND CA  
 BE FOLLOWED ONLINE.  
 Course delivery is On-site instruction

0381075 15 MWF 2:15-3:05  
 T 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 15 HAS FACE-TO-FACE LECTURES AND DISCUSSIONS  
 BUT THE 2:15 PM LECTURE WILL BE STREAMED LIVE AND CA  
 BE FOLLOWED ONLINE.  
 Course delivery is On-site instruction

0381080 16 MWF 2:15-3:05  
 T 5:30-6:20PM  
 MEETS: AUG 21-DEC 15  
 Note: SEC 16 HAS ONLINE DISCUSSIONS. LECTURES ARE  
 DELIVERED FACE-TO-FACE AND STREAMED LIVE, STUDENTS  
 HAVE BOTH OPTIONS FOR LECTURES. EXAMS ARE IN PERSON.  
 YOU NEED TO BE ON CAMPUS FOR EXAMS.  
 Course delivery is Hybrid (Online and F2F)

INTRO CL PHY II:HON PHYS 232H 4 CREDITS  
 Prereq: MATH 166; PHYS 221 OR PHYS 221H OR PHYS  
 231 OR PHYS 231H OR PHYS 241 OR PHYS 241H  
 Night exams scheduled. For dates go to  
[http://www.registrar.iastate.edu/students/exams/  
 night-exams](http://www.registrar.iastate.edu/students/exams/night-exams).

0427005 H1 MWF 1:10-2:00  
 T 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC H1 HAS FACE-TO-FACE LECTURES AND DISCUSSIONS,  
 BUT THE 1.10 PM LECTURE WILL BE STREAMED LIVE AND CAN  
 BE FOLLOWED ONLINE.  
 Course delivery is On-site instruction

0427010 H2 MWF 2:15-3:05  
 T 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC H2 HAS FACE-TO-FACE LECTURES AND DISCUSSIONS,  
 BUT THE 2:15 PM LECTURE WILL BE STREAMED LIVE AND CAN  
 BE FOLLOWED ONLINE.  
 Course delivery is On-site instruction

## PHYSICS

(CONTINUED)

INT CLAS PHY II LAB PHYS 232L 1 CREDIT  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN PHYS  
 222 OR PHYS 222H OR PHYS 232 OR PHYS 232H OR PHYS 242  
 OR PHYS 242H  
 Note: PHYS 232L IS A LAB COURSE WHICH RUNS PARALLEL TO  
 PHYS 232. REGISTER FOR PHYS 232 IF YOU WOULD LIKE  
 TO ATTEND LECTURES AND DISCUSSIONS.

0382005 1 T 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382010 2 T 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382015 3 T 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382020 4 T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382025 5 W 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382030 6 W 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382035 7 W 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382040 8 W 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382045 9 W 4:25-6:15PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382050 10 R 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382055 11 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382060 12 R 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382065 13 R 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382070 14 R 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0382075 15 F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRIN&SYMME CLS PH I PHYS 241 5 CREDITS  
 Prereq: MATH 165; CREDIT OR CONCURRENT ENROLLMENT  
 IN MATH 166  
 Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC  
 (NUMBERED SEC 1-2) FIRST AND THEN A LAB SEC  
 (LETTERED SEC A-B). STUDENTS WHO DON'T REGISTER  
 FOR BOTH LECTURE AND LAB WILL BE DROPPED FROM THE  
 COURSE DUE TO INCOMPLETE REGISTRATION. COURSE FOR  
 PHYS MAJORS AND OTHER STUDENTS WHO HAD A STRONG  
 PHYSICS PREP PROGRAM.

5994005 1 MWF 1:10-2:00  
 TR 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5994010 2 MWF 1:10-2:00  
 TR 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5994015 A R 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5994020 B R 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5994025 C F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRIN&SYMME CLS PH I PHYS 241H 5 CREDITS  
 Prereq: MATH 165; CREDIT OR CONCURRENT ENROLLMENT  
 IN MATH 166  
 Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC  
 (NUMBERED SEC 1-2) FIRST AND THEN A LAB SEC  
 (LETTERED SEC A-B). STUDENTS WHO DON'T REGISTER  
 FOR BOTH LECTURE AND LAB WILL BE DROPPED FROM THE  
 COURSE DUE TO INCOMPLETE REGISTRATION. COURSE  
 RESTRICTED TO STUDENTS WHO ARE MEMBERS OF THE  
 UNIVERSITY HONORS PROGRAM.

9402005 1 MWF 1:10-2:00  
 TR 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9402010 2 MWF 1:10-2:00  
 TR 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9402015 A R 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9402020 B R 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## PHYSICS

(CONTINUED)

PRIN&SYMME CLS PH I PHYS 241H 5 CREDITS  
9402025 C F 9:55-11:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY PHYS 290 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ELEC INSTRUMENTATN PHYS 310 4 CREDITS  
Prereq: MATH 166; ([PHYS 222 OR PHYS 222H] OR  
[PHYS 232 OR PHYS 232H; PHYS 232L] OR [PHYS 242 OR  
PHYS 242H])  
8182005 1 TR 11:00-11:50  
TR 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR MODRN PHYSICS I PHYS 321 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN (MATH  
266 OR MATH 267); ([PHYS 222 OR PHYS 222H] OR [PHYS  
232; PHYS 232L] OR [PHYS 242 OR PHYS 242H])  
5874005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR MOD PHYS LAB I PHYS 321L 1 CREDIT  
Prereq: CREDIT OR CONCURRENT ENROLLENMT IN PHYS  
321  
5875005 1 M 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5875010 2 T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5875015 3 W 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5875020 4 M 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERMED MECHANICS PHYS 362 3 CREDITS  
Prereq: PHYS 361  
5881005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ELECTR & MAGNETISM I PHYS 364 3 CREDITS  
Prereq: (MATH 266 OR MATH 267); ([PHYS 222 OR  
PHYS 222H] OR [PHYS 232 OR PHYS 232H; PHYS 232L] OR  
[PHYS 242 OR PHYS 242H])  
5882005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5886005 1 R 6:00-8:00PM  
MEETS: AUG 21-DEC 15

ULTRFAST LASER&SPCT PHYS 421 3 CREDITS  
Prereq: (PHYS 321; PHYS 365) OR PERMISSION OF  
INSTRUCTOR  
9359005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

UNDERGRAD RESEARCH PHYS 450 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH PHYS 450L 1- 6 CREDITS  
Prereq: PHYS 322L; PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PHYS OF BIOMOLECULE PHYS 461 3 CREDITS  
Prereq: (BBMB 301; [CHEM 325 OR PHYS 304]) OR  
PERMISSION OF INSTRUCTOR  
9424005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

APPLIED PHYSICS LAB PHYS 470L 2- 5 CREDITS  
Prereq: PHYS 322; PERMISSION OF INSTRUCTOR  
3161005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

QUANTUM MECHANICS I PHYS 480 3 CREDITS  
Prereq: MATH 385; PHYS 321  
5890005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## PHYSICS

(CONTINUED)

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS  
Prereq: 6 CREDITS IN PHYS; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHYS 490H 1- 4 CREDITS  
Prereq: 6 CREDITS IN PHYS; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE  
APPLIED TOWARD GRADUATION. RESTRICTED TO MEMBERS  
OF THE UNIVERSITY HONORS PROGRAM ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MODERN OPTICS PHYS 496 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN (PHYS  
322; PHYS 365; PHYS 480)  
5884005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ORAL COMM PHYS SEMN PHYS 501 1 CREDIT  
Satisfactory-Fail Only.  
7408005 1 T 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO RESRCH SEMINR PHYS 502 R CREDIT  
Satisfactory-Fail Only.  
2189005 1 R 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONDENSED MATTER I PHYS 511 3 CREDITS  
Prereq: PHYS 304, CREDIT OR ENROLLMENT IN PHYS  
481  
5896005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ULTRFAST LASER&SPCT PHYS 521 3 CREDITS  
Prereq: (PHYS 321; PHYS 365) OR PERMISSION OF  
INSTRUCTOR  
9358005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PARTICLE&NUCLR PHYS PHYS 526 4 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN PHYS 481  
5905005 1 MWF 2:10-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MATH METHD PHYS SCI PHYS 528 3 CREDITS  
Prereq: MATH 266 OR MATH 267  
5899005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GROUP THEORY APPLIC PHYS 534 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN PHYS 481  
5098005 1 TR 12:40-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SEMICONDCTR PHYSICS PHYS 535 4 CREDITS  
Prereq: E E 311, E E 332  
5903005 1 M 6:10-7:20PM  
ARRANGED  
T 6:10-7:30PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GENERAL RELATIVITY PHYS 541 3 CREDITS  
Prereq: PHYS 362, MATH 207 OR MATH 317  
5906005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PHYS OF BIOMOLECULE PHYS 561 3 CREDITS  
Prereq: (BBMB 301; [CHEM 325 OR PHYS 304]) OR  
PERMISSION OF INSTRUCTOR  
9421005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV ELECT & MAGNET I PHYS 571 3 CREDITS  
Prereq: PHYS 365, PHYS 528  
5908005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5910005 1 ARRANGED  
MEETS: AUG 21-DEC 15

## PHYSICS

(CONTINUED)

SPL TOP COND MATTER PHYS 590B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5911005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC 1 OFFERED FOR 3 CREDITS

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5912005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5913005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOPICS APPL PHYS PHYS 590E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5914005 1 ARRANGED  
MEETS: AUG 21-DEC 15

QUANTUM PHYSICS I PHYS 591 4 CREDITS  
Prereq: PHYS 481  
5915005 1 MWF 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CREATIVE COMPONENT PHYS 599 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV NUCLEAR PHYSICS PHYS 624 3 CREDITS  
Prereq: PHYS 526, PHYS 592  
3143005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ELEM PARTICLE PH II PHYS 638 3 CREDITS  
Prereq: PHYS 637  
5922005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEMINAR NUCLEAR PHYS 650A 1 CREDIT  
Satisfactory-Fail Only.  
5923005 1 R 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEM COND MATTER PHYS 650B 1 CREDIT  
Satisfactory-Fail Only.  
5924005 1 R 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEM HIGH ENERGY PHYS 650C 1 CREDIT  
Satisfactory-Fail Only.  
5925005 1 W 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEMINAR PHYSICS PHYS 650D 1 CREDIT  
Satisfactory-Fail Only.  
5926005 1 M 3:20-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEMINAR APPLIED PHYS 650E 1 CREDIT  
Satisfactory-Fail Only.  
5927005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SEMINAR BIOPHYS PHYS 650F 1 CREDIT  
Satisfactory-Fail Only.  
6583005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TOP COND MATTER PHYS 660B 1- 3 CREDITS  
5929005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CREDITS  
5930005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TOPICS PHYSICS PHYS 660D 1- 3 CREDITS  
5931005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TOPICS APPLIED PHYS 660E 1- 3 CREDITS  
5932005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## PHYSICS

(CONTINUED)

QUANTUM FLD THEOR I PHYS 681 3 CREDITS  
Prereq: PHYS 564, PHYS 572, PHYS 592  
5935005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH PHYS 699 VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION REQUIRED  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PLANT BIOLOGY

PLANT MOLEC&DEV BIO PLBIO 545 3 CREDITS  
Prereq: BIOL 314, BIOL 330  
6807005 1 TR 9:30-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH SEMINAR PLBIO 696 1 CREDIT  
Satisfactory-Fail Only.  
8828005 1 W 4:25-5:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH PLBIO 699 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PLANT PATHOLOGY

PRIN OF PLANT PATH PL P 408 3 CREDITS  
Prereq: (BIOL 211 OR BIOL 212); 4 ADDITIONAL  
CREDITS IN LIFE SCIENCES  
3898005 1 TR 11:00-11:50  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3898010 2 TR 11:00-11:50  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOREST INSECT&DISEAS PL P 416 3 CREDITS  
Prereq: BIOL 211; 4 ADDITIONAL CREDITS IN LIFE  
SCIENCES  
5942005 1 TR 12:40-1:55  
M 1:10-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5942010 2 TR 12:40-1:55  
M 3:20-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEP STDY PLT PATH PL P 490A 1- 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
7 CREDITS IN BIOL; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE  
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY PL P 490H 1- 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
7 CREDITS IN BIOL; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE  
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
FOR GRADUATION. COURSE RESTRICTED TO MEMBERS OF THE  
UNIVERSITY HONORS PROGRAM ONLY.  
3155005 1 ARRANGED  
MEETS: AUG 21-DEC 15

PRIN OF PLANT PATH PL P 508 3 CREDITS  
Prereq: (BIOL 211 OR BIOL 212); 4 ADDITIONAL  
CREDITS IN LIFE SCIENCES  
3902005 1 TR 11:00-11:50  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

3902010 2 TR 11:00-11:50  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ECOL BASED PEST MGT PL P 530 3 CREDITS  
Prereq: SUSAG 509  
4501005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PLANT NEMATOLOGY PL P 574 2 CREDITS  
Prereq: PL P 408 OR PL P 416  
5951005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## PLANT PATHOLOGY

(CONTINUED)

LAB TCNQ PLT NEMATO PL P 574L 1 CREDIT  
Prereq: 8 CR BIOLOGICAL SCI, INCLUDING BIOL 211  
OR EQUIV. CONCURRENT ENROLLMENT IN PL P 574 REQUIRED.  
1393005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS PL P 590 1- 3 CREDITS  
Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT PL P 599 VAR. CREDITS  
Prereq: FOR NON-THESIS MASTER OF SCIENCE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR PL P 698 1 CREDIT  
Satisfactory-Fail Only.  
5959005 1 T 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THESIS&DIS RESEARCH PL P 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**POLITICAL SCIENCE**

EXPLR POLITICAL SCI POL S 101 1 CREDIT  
Note: COURSE RESTRICTED TO POL S MAJORS ONLY  
3912005 1 MW 11:00-11:50  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

INTR AMERIC GOVERNMENT POL S 111 3 CREDITS  
5961005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5961010 2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5961015 3 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO INTERNATL POL POL S 121 3 CREDITS  
Note: Meets international perspectives reqmt  
0832005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0832010 2 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR CMPAR DEM&DICT POL S 125 3 CREDITS  
Note: Meets international perspectives reqmt  
5963005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5963010 2 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INTRO ETHICS&POLITCS POL S 235 3 CREDITS  
5715005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

QUALITATIVE APPROCH POL S 261 3 CREDITS  
0984005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PUBLIC ORGS &LDRSHIP POL S 271 3 CREDITS  
5982005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMPARATV POL BEHAV POL S 305 3 CREDITS  
5966005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

VIDEO GAMES&POLITCS POL S 308X 3 CREDITS  
2162005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STATE & LOCAL GOVT POL S 310 3 CREDITS  
5968005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CAMPAIGNS&ELECTIONS POL S 318 3 CREDITS  
2728005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## POLITICAL SCIENCE

(CONTINUED)

LAW AND POLITICS POL S 319 3 CREDITS  
Note: ONLY ONE OF POL S 230, 319 MAY COUNT TOWARD  
GRADUATION  
3865005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DMCRCY&DVRSTY IN US POL S 333 3 CREDITS  
Note: Meets U.S. diversity reqmt  
6471005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

POLITICS & SOCIETY POL S 334 3 CREDITS  
Prereq: A COURSE IN POL S OR SOC  
7403005 1 TR 2:10-3:25 KRIER D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HLTH POLITICS&POLCY POL S 337X 3 CREDITS  
Note: Meets U.S. diversity reqmt  
4316005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LIBERTY&LAW IN AMER POL S 339 3 CREDITS  
9803005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PUBLIC POLICY POL S 344 3 CREDITS  
9243005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

EUROPEAN POLITICS POL S 346 3 CREDITS  
Note: Meets international perspectives reqmt  
5976005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

IMMIGRATION POLICY POL S 353 3 CREDITS  
3564005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

POL PARTI&INTRST GR POL S 364 3 CREDITS  
6003005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RELIGION & POLITICS POL S 370 3 CREDITS  
3166005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

POLITCL ANALY&RSRCH POL S 401 3 CREDITS  
Prereq: 6 CREDITS IN POL S  
0182005 1 M 2:15-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROSEM COMPAR POLIT POL S 405X 3 CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
4076005 1 W 2:15-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

POLICY IMPLEMENTATN POL S 408 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
0644005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

CONSTITUTIONAL LAW POL S 420 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
5988005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTERNATIONAL LAW POL S 422 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
5990005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MASS POLITCL BEHAVR POL S 425X 3 CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
4068005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENERGY POLICY POL S 443 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
0500005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## POLITICAL SCIENCE (CONTINUED)

GOVT,BUSINESS&SOCIE POL S 477 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
9288005 1 M 6:10-8:50PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

INDEPENDENT STUDY POL S 490 VAR. CREDITS  
Prereq: 6 CREDITS IN POL S; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE COUNTED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CREDITS  
Prereq: 6 CREDITS IN POL S; PERMISSION OFRS PROG INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
RESTRICTED TO UNIVERSITY HONORS PROGRAM MEMBERS.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491 3 CREDITS  
Prereq: 21 CREDITS OF POL S; PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVY POL S 492 R CREDIT  
Prereq: GRADUATING SENIOR  
Satisfactory-Fail Only.  
0998005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

TEACHING INTERNSHIP POL S 496 3 CREDITS  
Prereq: 12 CREDITS IN POL S; PERMISSION OF INSTRUCTOR  
Note: USE OF POL S 496 CREDIT IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP POL S 497 3 CREDITS  
Prereq: 12 CREDITS IN POL S; PERMISSION OFRMISSN INSTRUCTOR  
Note: USE OF POL S 497 CREDIT IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

POL SCI INTERNSHIP POL S 499 VAR. CREDITS  
Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR CLASSIFICATION; INTERNSHIP COORDINATOR PERMISSION  
Note: USE OF POL S 499 CREDIT IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

POLITCL ANALY&RSRCH POL S 501 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
8752005 1 M 2:15-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROSEM COMPAR POLIT POL S 505 3 CREDITS  
Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING  
4638005 1 W 2:15-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

POLICY IMPLEMENTATN POL S 508 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
0645005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

INTERNATIONAL LAW POL S 522 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
3569005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MASS POLITCL BEHAVR POL S 525 3 CREDITS  
Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING  
7993005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## POLITICAL SCIENCE (CONTINUED)

ENERGY POLICY POL S 543 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
0501005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GOVT,BUSINESS&SOCIE POL S 577 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
9281005 1 M 6:10-8:50PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

SPL TOP:AMRCN POLTC POL S 590A 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP:GLBL POLTCS POL S 590D 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP:PUBLC POLCY POL S 590G 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD FIRST WEEK. PROCESS APPROVED ADD REQUEST THROUGH ACCESSPLUS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP POL S 598 3- 6 CREDITS  
Prereq: 15 CREDITS IN POL S, INSTRUCTR PERMISSION  
4540005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CREATIVE COMPONENT POL S 599 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH POL S 699 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**PORTUGUESE**

BRAZIL TODAY PORT 375 3 CREDITS  
Note: Meets international perspectives reqmnt  
7204005 1 TR 12:40-1:55 DEPAULA F  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

**PSYCHOLOGY**

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS  
6069005 1 MW 1:10-2:00 BLANKENSHIP K  
F 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6069010 2 MW 1:10-2:00 BLANKENSHIP K  
F 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6069015 3 MW 1:10-2:00 BLANKENSHIP K  
F 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6069020 4 MW 1:10-2:00 BLANKENSHIP K  
F 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6069025 5 MW 1:10-2:00 BLANKENSHIP K  
F 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6069030 6 MW 1:10-2:00 BLANKENSHIP K  
F 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6069035 7 MW 11:00-11:50 HESSLING R  
F 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6069040 8 MW 11:00-11:50 HESSLING R  
F 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6069045 9 MW 11:00-11:50 HESSLING R  
F 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6069050 10 MW 11:00-11:50 HESSLING R  
F 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: SEC 10 RECOMMENDED FOR STUDENTS PARTICIPATING IN THE PSYCHOLOGY FRESHMAN LEARNING COMMUNITY  
Course delivery is On-site instruction

6069055 11 MW 11:00-11:50 HESSLING R  
F 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6069060 12 MW 11:00-11:50 HESSLING R  
F 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## PSYCHOLOGY

(CONTINUED)

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS  
 6069065 13 MW 12:05-12:55 TYNAN M  
 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6069070 14 MW 12:05-12:55 TYNAN M  
 F 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6069075 15 MW 12:05-12:55 TYNAN M  
 R 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6069080 16 MW 12:05-12:55 TYNAN M  
 R 3:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6069085 17 MW 12:05-12:55 TYNAN M  
 R 4:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6069090 18 MW 12:05-12:55 TYNAN M  
 R 5:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6069095 19 ARRANGED GENTILE D  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

ORIENTATN TO PSYCH PSYCH 111 1 CREDIT  
 Satisfactory-Fail Only.

6068005 1 R 11:00-12:15 WOLF G  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6068010 2 W 1:10-2:00 PHIPPS A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PSY LRN CMNTY SEMNR PSYCH 112 1 CREDIT  
 Satisfactory-Fail Only.

9388005 1 R 2:10-3:00 CUTRONA C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9388010 2 R 2:10-3:00 SCHEEL K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9388015 3 R 9:55-10:45 BAKER W  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9388020 4 R 2:10-3:00 RICHIE C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ACAD LEARNG SKILLS PSYCH 131 1 CREDIT  
 Note: Instructor permission required 1st week.

6071005 1 M 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071010 2 M 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071015 3 M 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071020 4 T 9:30-10:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071025 5 T 12:40-1:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071030 6 T 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071035 7 W 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071040 8 W 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071045 9 W 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071050 10 R 2:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 10 RESTRICTED TO M E MAJORS ONLY  
 Course delivery is On-site instruction

6071055 11 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071060 12 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071065 13 MW 1:10-2:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

6071070 14 R 9:30-10:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6071075 15 TR 3:40-4:30  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

## PSYCHOLOGY

(CONTINUED)

CAREER OPPOR PSYCH PSYCH 211 1 CREDIT  
 Prereq: PSYCH 111 OR PSYCH 112 OR SOPHOMORE  
 CLASSIFICATION  
 Satisfactory-Fail Only.

0254005 1 W 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0254010 2 W 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0254015 3 T 3:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RECOMMENDED FOR STUDENTS WHO PARTICIPATED  
 IN THE PSYCHOLOGY FRESHMAN LEARNING COMMUNITY  
 Course delivery is On-site instruction

0254020 4 T 4:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0254025 5 T 10:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

0254030 6 F 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DEVELOPMENTAL PSYCH PSYCH 230 3 CREDITS  
 6072005 1 TR 9:30-10:45 PHILLIPS W  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6072010 2 ARRANGED PHILLIPS W  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.

6075005 1 TR 12:40-1:55 HESSLING R  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6075010 2 TR 11:00-12:15 HESSLING R  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6075015 3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INTRO RESRCH EXPRNC PSYCH 291 1- 4 CREDITS  
 Prereq: PSYCH 101; SOPHOMORE CLASSIFICATION;  
 PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES DSGN & METHODOL PSYCH 301 3 CREDITS  
 Prereq: (STAT 101 OR STAT 104 OR STAT 226);  
 1 PSYCH COURSE  
 Note: PSYCH MINORS ARE ELIGIBLE TO ADD THIS COURSE,  
 SEE EMAIL FROM PSYCHADV@IASTATE.EDU FOR INSTRUCTIONS

6076005 A1 MWF 2:15-3:05 TYNAN M  
 MEETS: AUG 21-DEC 15  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 Course delivery is On-site instruction

6076010 A2 MWF 2:15-3:05 TYNAN M  
 MEETS: AUG 21-DEC 15  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
 Course delivery is On-site instruction

6076015 B1 TR 2:10-3:25 TYNAN M  
 MEETS: AUG 21-DEC 15  
 Note: SEC B1 RESTRICTED TO PSYCH MAJORS ONLY  
 Course delivery is On-site instruction

6076020 B2 TR 2:10-3:25 TYNAN M  
 MEETS: AUG 21-DEC 15  
 Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
 Course delivery is On-site instruction

RESRCH METHODS PSYC PSYCH 302 3 CREDITS  
 Prereq: PSYCH 301; ENGL 250  
 Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY

1173005 1 TR 8:55-10:45 GRUNDY J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1173010 2 MW 9:55-11:45 RICHIE C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1173015 3 MW 8:50-10:40 TYNAN M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1173020 4 TR 11:00-12:50 ACERBO M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS  
 Prereq: PSYCH 101

1515005 A1 MWF 9:55-10:45 ACERBO M  
 MEETS: AUG 21-DEC 15  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 Course delivery is On-site instruction

1515010 A2 MWF 9:55-10:45 ACERBO M  
 MEETS: AUG 21-DEC 15  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
 Course delivery is On-site instruction

## PSYCHOLOGY (CONTINUED)

SENSATION & PERCEPTN PSYCH 312 3 CREDITS  
Prereq: PSYCH 101  
6079005 A1 MWF 1:10-2:00 ACERBO M  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
6079010 A2 MWF 1:10-2:00 ACERBO M  
MEETS: AUG 21-DEC 15  
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH  
Course delivery is On-site instruction

MOTIVATION PSYCH 314 3 CREDITS  
Prereq: PSYCH 101  
6081005 A1 MWF 11:00-11:50 SCHEEL K  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
6081010 A2 MWF 11:00-11:50 SCHEEL K  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
Course delivery is On-site instruction

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS  
Prereq: PSYCH 101  
6082015 A1 MWF 8:50-9:40 ACERBO M  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
6082020 A2 MWF 8:50-9:40 ACERBO M  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
Course delivery is On-site instruction

COGNITIVE PSYCHOLGY PSYCH 316 3 CREDITS  
Prereq: PSYCH 101  
6083005 A1 TR 3:40-4:55 GRUNDY J  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
6083010 A2 TR 3:40-4:55 GRUNDY J  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
Course delivery is On-site instruction

JUDGMENT&DECISN MAK PSYCH 318 3 CREDITS  
Prereq: PSYCH 101; (STAT 101 OR STAT 104 OR  
STAT 226 OR PERMISSION OF INSTRUCTOR)  
0310005 A1 MW 1:10-3:00 SMITH A  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
0310010 A2 MW 1:10-3:00 SMITH A  
MEETS: AUG 21-DEC 15  
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH  
Course delivery is On-site instruction

PERSUASN&SOC INFLUE PSYCH 327 3 CREDITS  
1941005 1 MWF 9:55-10:45 BLANKENSHIP K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EDUCATIONAL PSYCHOL PSYCH 333 3 CREDITS  
Prereq: PSYCH 230 OR HD FS 102, MAJOR IN PSYCH  
OR APPLICATION TO THE TEACHER ED PROGRAM  
Note: FOR PSYCHOLOGY AND SECONDARY EDUCATION MAJORS  
ONLY  
4361005 1 MW 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
4361010 2 MW 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CHD&ADOL PSYCHPATH PSYCH 335 3 CREDITS  
Prereq: PSYCH 101; (HD FS 102 OR PSYCH 230)  
4299005 A1 TR 11:00-12:15 MARSEE M  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
4299010 A2 TR 11:00-12:15 MARSEE M  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
Course delivery is On-site instruction

PSYCHOLOGY OF WOMEN PSYCH 346 3 CREDITS  
Prereq: PSYCH 101; 1 ADDITIONAL PSYCH COURSE  
6085005 A1 TR 12:40-1:55 SCHEEL K  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
6085010 A2 TR 12:40-1:55 SCHEEL K  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
Course delivery is On-site instruction

## PSYCHOLOGY (CONTINUED)

PERSONALITY PSYCHOL PSYCH 360 3 CREDITS  
Prereq: PSYCH 101  
6087005 A1 MW 11:00-11:50 KRIZAN Z  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: THE ARRANGED PORTION OF THE COURSE WILL BE  
DELIVERED VIA WWW. SEC A1 RESTRICTED TO PSYCH MAJORS.  
Course delivery is Hybrid (Online and F2F)  
6087010 A2 MW 11:00-11:50 KRIZAN Z  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: THE ARRANGED PORTION OF THE COURSE WILL BE  
DELIVERED VIA WWW. SEC A2 RESTRICTED TO MAJORS  
OTHER THAN PSYCH.  
Course delivery is Hybrid (Online and F2F)  
6087015 B1 TR 2:10-3:25 NESBIT S  
MEETS: AUG 21-DEC 15  
Note: SEC B1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
6087020 B2 TR 2:10-3:25 NESBIT S  
MEETS: AUG 21-DEC 15  
Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN  
PSYCH  
Course delivery is On-site instruction

PSYCHOLOGY AND LAW PSYCH 383 3 CREDITS  
Prereq: PSYCH 101 OR PSYCH 280  
9080005 A1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
9080010 A2 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO CJ ST,C J, INDIS MAJORS  
Course delivery is On-site instruction  
9080015 A3 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: FOR MAJORS OTHER THAN CJ ST, C J, INDIS, PSYCH  
Course delivery is On-site instruction

MEDIA PSYCHOLOGY PSYCH 386 3 CREDITS  
Prereq: PSYCH 101 OR PSYCH 230 OR PSYCH 280  
8576005 1 ARRANGED GENTILE D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

COUNSEL THEOR&TCHNQ PSYCH 422 3 CREDITS  
Prereq: 3 COURSES IN PSYCH  
6093005 A1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
6093010 A2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
Course delivery is On-site instruction

LAB CONSL THR&TCHNQ PSYCH 422L 1 CREDIT  
Prereq: 3 COURSES PSYCH; CREDIT OR CONCURRENT  
ENROLLMENT IN PSYCH 422  
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
2844005 1 M 1:10-3:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)  
2844010 2 M 3:40-5:30, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

PSYCH MEASUREMENT I PSYCH 440 3 CREDITS  
Prereq: PSYCH 301; 9 ADDITIONAL PSYCH CREDITS;  
(STAT 101 OR STAT 104 OR STAT 226)  
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
6099005 1 M 1:10-3:00 ARMSTRONG P  
W 8:00-9:50 ARMSTRONG P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6099010 2 M 1:10-3:00 ARMSTRONG P  
W 1:10-3:00 ARMSTRONG P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6099015 3 M 1:10-3:00 ARMSTRONG P  
W 4:25-6:15PM ARMSTRONG P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6099020 4 M 1:10-3:00 ARMSTRONG P  
F 1:10-3:00 ARMSTRONG P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6099025 5 M 1:10-3:00 ARMSTRONG P  
F 1:10-3:00 ARMSTRONG P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDUSTRIAL PSYCHOLG PSYCH 450 3 CREDITS  
Prereq: PSYCH 101; 1 ADDITIONAL PSYCH COURSE;  
(STAT 101 OR STAT 104 OR STAT 226)  
6100005 A1 MW 3:20-4:40 HANISCH K  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
6100010 A2 MW 3:20-4:40 HANISCH K  
MEETS: AUG 21-DEC 15  
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH  
Course delivery is On-site instruction

## PSYCHOLOGY

(CONTINUED)

GENERAL PSYCHPATH PSYCH 460 3 CREDITS  
Prereq: PSYCH 101; 2 ADDITIONAL PSYCH COURSES  
Note: COURSE MEETS SYNCHRONOUSLY AT THE SCHEDULED CLASS TIMES

6102005 A1 TR 11:00-12:15 PRIETO L  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction

6102010 A2 TR 11:00-12:15 PRIETO L  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH, KIN, KIN H  
Course delivery is On-site instruction

6102015 A3 TR 11:00-12:15 PRIETO L  
MEETS: AUG 21-DEC 15  
Note: SEC A3 RESTRICTED TO A TR, KIN, KIN H MAJORS ONLY  
Course delivery is On-site instruction

6102025 B1 TR 12:40-1:55 NESBIT S  
MEETS: AUG 21-DEC 15  
Note: SEC B1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction

6102030 B2 TR 12:40-1:55 NESBIT S  
MEETS: AUG 21-DEC 15  
Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN PSYCH, KIN, KIN H  
Course delivery is On-site instruction

6102035 B3 TR 12:40-1:55 NESBIT S  
MEETS: AUG 21-DEC 15  
Note: SEC B3 RESTRICTED TO A TR, KIN, KIN H MAJORS ONLY  
Course delivery is On-site instruction

CLOSE RELATIONSHIPS PSYCH 484 3 CREDITS  
Prereq: PSYCH 280; 6 ADDITIONAL CREDITS IN PSYCH

5693005 A1 TR 9:30-10:45 CUTRONA C  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction

5693010 A2 TR 9:30-10:45 CUTRONA C  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
Course delivery is On-site instruction

INDEPENDENT STUDY PSYCH 490 1- 3 CREDITS  
Prereq: 6 CREDITS IN PSYCH; JUNIOR CLASSIFICATION; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PSYCH 490H 1- 3 CREDITS  
Prereq: JR CLASSIFCATN, 6 CR IN PSYCH, INSTRUCTOR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM PSYCH 491 VAR. CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN PSYCH 301; JUNIOR CLASSIFICATION; PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD PRACTCM:HUMN SV PSYCH 492A VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH; JUNIOR CLASSIFICATION; PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD PRACTCM:I/O PSY PSYCH 492B VAR. CREDITS  
Prereq: (PSYCH 250 OR PSYCH 450); 9 ADDITIONAL PSYCH CREDITS; JUNIOR CLASSIFICATION; PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOUND BEHAVRL RSRCH PSYCH 501 3 CREDITS  
Prereq: STAT 401 OR EQUIVALENT  
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY

9277005 1 MWF 11:00-11:50 CREDE M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED COGNITION PSYCH 516 3 CREDITS  
Prereq: PSYCH 316

6115005 1 M 12:05-1:35 MEISSNER C  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

## PSYCHOLOGY

(CONTINUED)

COGNI PSY HUMN&CPTR PSYCH 521 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
Note: UNDERGRADS AND SPECIAL STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR TO ENROLL

5298005 1 TR 9:30-10:45 KELLY J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5298010 2 ARRANGED KELLY J  
MEETS: AUG 21-DEC 15  
Note: FOR PERMISSION TO REGISTER, CONTACT: TIFFANY KAYSER, TLKAYSER@IASTATE.EDU  
Course delivery is On-site instruction  
Course delivery is WWW

DEVELOPMNTL DISABIL PSYCH 538 3 CREDITS  
Prereq: 9 CREDITS IN HD FS OR PSYCH

8563005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ADV SOCIAL PSYCHOLG PSYCH 580 3 CREDITS  
Prereq: 4 COURSES IN PSYCHOLOGY, INCLUDING PSYCH 280

6131005 1 TR 12:40-1:55 ANDERSON C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPCL TOP COUNSELING PSYCH 590A VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC COGNITIVE PSYCH 590Q VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS SOCIAL PSYCH 590R VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GENERAL PSYCH 590Z VAR. CREDITS  
Prereq: 12 HOURS IN PSYCH, INSTRUCTOR PERMISSION \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM SOC:SELF&IDNTY PSYCH 595L 1- 3 CREDITS  
4101005 1 F 9:00-12:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEM COUNS:MLTICULTR PSYCH 596C VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2023

6031005 1 R 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: SEC 1 OFFERED FOR 3 CREDITS FALL 2023  
Course delivery is On-site instruction

SEMNAR COGNITIV PSY PSYCH 598I VAR. CREDITS  
Prereq: PSYCH 516; PSYCH 501 OR STAT 401

6395005 1 W 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PSY COUNSELING THRY PSYCH 621 3 CREDITS  
Prereq: 3 COURSES IN PSYCH AND PERMISSION OF INSTRUCTOR

6150005 1 TR 9:30-10:45 SCHEEL K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COUNSELING TECHNIQ PSYCH 621L 3 CREDITS  
Prereq: PSYCH 621L

6151005 1 T 2:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

VOCATIONAL BEHAVIOR PSYCH 623 3 CREDITS  
Prereq: 3 COURSES IN PSYCH OR GRAD CLASSIFICATION

6152005 1 W 2:10-5:00 ARMSTRONG P  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADULT PSYCHOPATHOLOGY PSYCH 661 3 CREDITS  
Prereq: DOCTORAL STUDENT ENROLLED IN THE ISU COUNSELING PSYCHOLOGY PROGRAM OR BY PERMISSION OF THE INSTRUCTOR

0395005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRACT INTMD COUNSEL PSYCH 691B VAR. CREDITS  
Prereq: PSYCH 691A, PERMISSION OF INSTRUCTOR

5217005 NW M 9:55-11:50 WADE N  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction



## PSYCHOLOGY

(CONTINUED)

PRACTCM ADV COUNSEL PSYCH 691C VAR. CREDITS  
Prereq: PSYCH 691A, PSYCH 691B, PERMISSION OF INSTRUCTOR  
Note: OFFERED FOR 3 CREDITS FALL 2023  
5235005 1 M 9:55-11:55 WADE N  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EXT PRCTCM ADV CNSL PSYCH 691D VAR. CREDITS  
Prereq: PSYCH 691A, PSYCH 691B, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACT GROUP COUNSEL PSYCH 691G VAR. CREDITS  
Prereq: PSYCH 626, PSYCH 691A, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING PSYCH 691T VAR. CREDITS  
Prereq: PSYCH 633, PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEMNR COGNITV PSYCH 692Q 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2023  
7667005 1 W 12:05-12:55 CARPENTER S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
9085005 1 F 12:05-1:25 COSTABILE K  
MEETS: AUG 21-DEC 15  
Note: OFFERED FOR 1 CREDIT  
Course delivery is On-site instruction

INTERN COUNSELING PSYCH 697 R CREDIT  
Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN  
6182005 1 ARRANGED  
MEETS: AUG 21-DEC 15

RESEARCH PSYCH 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PUBLIC RELATIONS

PRIN PUBLIC RELATNS P R 220 3 CREDITS  
Note: SEC A1 RESTRICTED TO GREENLEE MAJORS.  
SEC A2 FOR MAJORS OTHER THAN GREENLEE MAJORS  
6906005 A1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6906010 A2 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STRATEG PLAN AD&P.R P R 301 3 CREDITS  
Prereq: ADVRT 230 OR P R 220  
Note: SEC A1,B1,ETC. RESTRICTED TO ADVRT, JL MC, P R SOPHOMORES AND ABOVE, SEC A2,B2,ETC. RESTRICTED TO MAJORS OTHER THAN ADVRT, JL MC, P R.  
6910005 A1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6910010 A2 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6910015 B1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6910020 B2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6910025 C1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
6910030 C2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

PUBLICITY METHODS P R 305 3 CREDITS  
Prereq: ENGL 250, SOPHOMORE CLASSIFICATION  
Note: JL MC, ADVRT, AND P R MAJORS ARE NOT TO ENROLL IN JL MC 305. CREDIT DOES NOT APPLY TOWARD A DEGREE IN JL MC OR ADVRT OR P R.  
6911005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PUBLIC RELATNS WRIT P R 321 3 CREDITS  
Prereq: JL MC 110, C+ OR BETTER IN JL MC 201; CREDIT OR CONCURRENT ENROLLMENT IN ADVRT 301 OR P R 301  
Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS  
7171005 1 TR 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7171010 2 MW 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## PUBLIC RELATIONS

(CONTINUED)

BRAND STORYTELLING P R 324 3 CREDITS  
Prereq: JL MC 201  
0914005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRO SKILL DEVEL:MAP P R 390A 1 CREDIT  
Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR PERMISSION FOR NONMAJORS  
0418005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AUD LAB-CRT PODCAST P R 391B 1 CREDIT  
Satisfactory-Fail Only.  
0813005 1 W 6:00-8:00PM  
MEETS: OCT 16-DEC 15  
Note: SEC 1 TOPIC: AUDIO LAB - CREATING YOUR OWN PODCAST. WILL MEET AT KHOI STUDIO IN AMES.  
Course delivery is On-site instruction

MEDIA: LAUNCH BAND P R 391Q 1 CREDIT  
Satisfactory-Fail Only.  
0927005 1 W 4:25-6:25PM  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

PUBLIC REL CAMPAIGN P R 424 3 CREDITS  
Prereq: C+ OR BETTER IN P R 321; ADVRT 301 OR P R 301  
7211005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOCL MEDIA STRATEGY P R 473 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
0607005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SP TP SPRT&MDIA,DIG P R 497K 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: TOPIC: SPORTS & THE MEDIA IN A DIGITAL 24/7 WORLD  
RESTRICTED TO JUNIORS & ABOVE  
0154005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRO MDIA INTERN:REQ P R 499A 3 CREDITS  
Prereq: JL MC 110, FORMAL FACULTY ADVISR APPROVAL  
JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303  
ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301  
P R MAJORS: P R 301, C+ OR BETTER IN P R 321  
Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION  
Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRO MDIA INTERN:OPT P R 499B 1- 3 CREDITS  
Prereq: JL MC 110, FORMAL FACULTY ADVISR APPROVAL  
JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303  
ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301  
P R MAJORS: P R 301, C+ OR BETTER IN P R 321  
Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION  
Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## RELIGIOUS STUDIES

WORLD RELIGIONS RELIG 205 3 CREDITS  
Note: Meets international perspectives reqmt  
6109005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6109010 2 TR 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6109015 3 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6109020 4 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6109025 5 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
6109030 6 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## RELIGIOUS STUDIES

(CONTINUED)

RELIGION IN AMERICA RELIG 210 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 6188005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6188010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 6188015 3 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO FRESHMAN ONLY  
 Course delivery is On-site instruction  
 6188020 4 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CHRISTNTY:EARL-MEDV RELIG 242 3 CREDITS  
 Note: Meets international perspectives reqmt  
 6247005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MAGIC,WITHC,&RELIG RELIG 340 3 CREDITS  
 Prereq: ANTHR 201 OR ANTHR 306  
 Note: Meets international perspectives reqmt  
 6198005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PHILO OF RELIGION RELIG 350 3 CREDITS  
 Prereq: 6 CREDITS IN PHIL OR PERMISSION OF  
 INSTRUCTOR  
 6199005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RELIGIONS OF INDIA RELIG 352 3 CREDITS  
 Prereq: ENGL 250 OR PERMISSION OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 1436005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

QURAN RELIG 359 3 CREDITS  
 Prereq: ENGL 250 OR PERMISSION OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 0397005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RELG,HLTH & MEDICNE RELIG 361X 3 CREDITS  
 3003005 1 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RELIGION & POLITICS RELIG 370 3 CREDITS  
 3165005 1 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDEPENDENT STUDY RELIG 490 1- 3 CREDITS  
 Prereq: 6 CREDITS IN RELIG; PERMISSION OF  
 INSTRUCTOR  
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS RELIG 490H 1- 3 CREDITS  
 Prereq: 6 CREDITS IN RELIG; PERMISSION OF  
 INSTRUCTOR  
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE  
 APPLIED TOWARD GRADUATION. RESTRICTED TO MEMBERS  
 OF THE UNIVERSITY HONORS PROGRAM ONLY.  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

MAGIC,WITHC,&RELIG RELIG 540 3 CREDITS  
 Prereq: ANTHR 201 OR ANTHR 306  
 Note: Meets international perspectives reqmt  
 9760005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPL TOP RELIG STUDI RELIG 590 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

## RESEARCH &amp; EVALUATION

(CONTINUED)

BASIC EDUC STATISTC RESEV 552 3 CREDITS  
 Note: COURSE RESTRICTED TO GRADS STUDENTS ONLY  
 7368005 1 T 5:30-8:30PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPECIAL TOPICS RESEV 590 1- 3 CREDITS  
 Prereq: GRADUATE STANDING  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SUPRVSD FIELD EXPER RESEV 591 2- 4 CREDITS  
 Prereq: RESEV 553 OR RESEV 680  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

FOUND EDUC INQUIRY RESEV 601 3 CREDITS  
 Prereq: ADMISSION TO A DOCTORAL PROGRAM  
 9509005 1 R 5:30-8:30PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADV QLTV INQUIRY ED RESEV 604 3 CREDITS  
 Prereq: RESEV 603  
 0316005 1 R 5:30-8:20PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADV SPECIAL TOPICS RESEV 690 1- 3 CREDITS  
 Prereq: GRADUATE STANDING  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RESEV 699 VAR. CREDITS  
 Prereq: GRADUATE STANDING  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

## RUSSIAN

INTR RUS LNG&CLTR I RUS 101 4 CREDITS  
 Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS  
 OF HIGH SCHOOL RUSSIAN MAY NOT ENROLL IN 101.  
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED.  
 6225005 1 TR 12:40-1:55 VOROZHBIT M  
 ARRANGED VOROZHBIT M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)  
 6225010 2 ARRANGED VOROZHBIT M  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW

READG LIT&CULTR TXT RUS 314 3 CREDITS  
 Prereq: RUS 102  
 Note: Meets international perspectives reqmt  
 6161005 1 TR 9:30-10:45 VOROZHBIT M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RUS STU IN ENGL:WMN RUS 370R 3 CREDITS  
 Note: Meets international perspectives reqmt  
 6782005 1 ARRANGED MESROPOVA O  
 MEETS: OCT 16-DEC 15  
 Note: 1 TOPIC: WOMEN'S VOICES IN RUSSIA  
 Course delivery is WWW

RUSSIA TODAY RUS 375 3 CREDITS  
 Note: Meets international perspectives reqmt  
 7072005 1 ARRANGED MESROPOVA O  
 MEETS: OCT 16-DEC 15  
 Note: SEC 1 TOPIC: ROM GORBACHEV TO PUTIN.  
 CONTEMPORARY RUSSIAN CULTURE  
 Course delivery is WWW

RUSSN FILM STU ENGL RUS 378 3 CREDITS  
 Note: Meets international perspectives reqmt  
 5090005 1 M 6:10-9:00PM MESROPOVA O  
 ARRANGED MESROPOVA O  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

INDEPENDENT STUDY RUS 490 1- 6 CREDITS  
 Prereq: 6 CR IN RUS; PERMISSION OF DEPARTMENT  
 CHAIR  
 Note: NO MORE THAN 9 CREDITS IN RUS 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 Permission of department chair required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

## SEED TECHNOLOGY AND BUSINESS

D SCI AGRI PRFSSNLS STB 513 3 CREDITS  
 Prereq: AGRON 181 OR EQUIVALENT; MATH 140; STAT  
 104  
 0791005 1 ARRANGED HARBUR M  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ENROLLED  
 IN THE MS AGRONOMY AND STB GRADUATES.  
 AGRONOMY GRADUATE CERTIFICATE ONLINE DEGREE PROGRAMS.  
 ALL OTHER MAJORS CONTACT THE AGRONOMY PROGRAM OFFICE  
 AT 515-294-2999 OR MSAGRON@IASTATE.EDU.  
 Course delivery is WWW

## RESEARCH &amp; EVALUATION

INTRO EDUC RESEARCH RESEV 550 3 CREDITS  
 Note: COURSE RESTRICTED TO GRAD STUDENTS  
 6211005 1 R 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO GRAD STUDENTS  
 Course delivery is On-site instruction  
 6211010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 6211015 3 W 1:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## SEED TECHNOLOGY AND BUSINESS (CONTINUED)

SEED CONDITNNG&STOR STB 539 2 CREDITS  
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR  
APPROVAL OF INSTRUCTOR  
3170005 1 ARRANGED MISRA M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SEED PHYSIOLOGY STB 543 2 CREDITS  
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR  
APPROVAL OF INSTRUCTOR  
6234005 1 ARRANGED GOGGI A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPECIAL TOPICS STB 590 1- 3 CREDITS  
Prereq: ADMISSION TO THE GRADUATE PROGRAM IN SEED  
TECHNOLOGY AND BUSINESS  
0510005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.  
Course delivery is WWW

CREATIVE COMPONENT STB 599 1- 3 CREDITS  
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR  
APPROVAL OF INSTRUCTOR  
Note: ADMISSION TO THE GRADUATE PROGRAM IN SEED  
TECHNOLOGY AND BUSINESS (STB MAJOR) OR APPROVAL OF  
THE INSTRUCTOR. MUST EMAIL FOR APPROVAL AT  
SEEDGRAD@IASTATE.EDU  
3239005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Department permission required.

**SOCIOLOGY**

ORIEN AG&RUL PLC ST SOC 110 1 CREDIT  
Satisfactory-Fail Only.  
6318005 1 R 2:10-3:00 PETERS D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOCIOLOGY ORIENTATN SOC 115 1 CREDIT  
Satisfactory-Fail Only.  
6345005 1 MW 9:55-10:45  
MEETS: AUG 21-OCT 13  
Note: Course delivery is On-site instruction

INTRO TO SOCIOLOGY SOC 134 3 CREDITS  
Note: CREDIT FOR EITHER SOC 134 OR SOC 130, BUT NOT  
BOTH, MAY BE APPLIED TOWARD GRADUATION  
6346005 1 MWF 9:55-10:45 SCHWEINGRUBER D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6346010 2 MWF 11:00-11:50 SCHWEINGRUBER D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FAM&INTMTE RLTNShP SOC 219 3 CREDITS  
Prereq: SOC 134  
6349005 1 MWF 8:50-9:40 STEWART S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GLOBAL SUSTAINBLTY SOC 220 3 CREDITS  
Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220  
MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT  
TOWARD ANY ENGINEERING COLLEGE DEGREE  
Meets international perspectives reqmt  
3847005 1 ARRANGED HALLAM A  
MEETS: SEPT 5-DEC 15  
Note: Course delivery is WWW

RURL SOCIE TRANSITN SOC 230 3 CREDITS  
6319005 1 TR 11:00-12:15 BALAYAR R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CNSRVIN VALUE&ETHCS SOC 234X 3 CREDITS  
Note: INCLUDES TRAVEL COMPONENT TO ISU MONTANA CAMPUS,  
8/5-8/18. PERMISSION OF INSTRUCTOR REQUIRED.  
1415005 1 TR 12:40-1:55 DORIUS S  
ARRANGED  
MEETS: AUG 5-SEPT 29  
Note: Instructor permission required.  
Course delivery is WWW

YOUTH & CRIME SOC 241 3 CREDITS  
Note: SEC A1,B1 IS RESTRICTED TO CJ ST, C J, SOC  
MAJORS ONLY  
SEC A2,B2 IS RESTRICTED TO MAJORS OTHER THAN  
CJ ST, C J, SOC  
6350005 A1 ARRANGED HOCHSTETLER A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

6350010 A2 ARRANGED HOCHSTETLER A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

6350015 B1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6350020 B2 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## SOCIOLOGY (CONTINUED)

PUBLIC ISSUES IN AG SOC 264 3 CREDITS  
1234005 1 TR 3:40-4:55 PETERS D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COMMUNITY SOC 310 3 CREDITS  
Prereq: SOC 134  
6321005 1 ARRANGED DORIUS S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

GNDR&SEXUL IN SOCIE SOC 327 3 CREDITS  
Prereq: SOC 134  
Note: SEC A1,B1 RESTRICTED TO AGRPS, C J, SOC,  
WGS. SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN  
AGRPS, C J, SOC, WGS.  
6356005 A1 MWF 1:10-2:00 STOHR A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6356010 A2 MWF 1:10-2:00 STOHR A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MASCULINIT & MANHOOD SOC 328 3 CREDITS  
Prereq: SOC 134 OR W S 201/WGS 201  
2242005 1 TR 9:30-10:45 DENTZMAN K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ETHNIC&RACE RELATNS SOC 330 3 CREDITS  
Prereq: SOC 134  
6352005 1 TR 8:00-9:15 KUSOW A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOC CLASS & INEQUAL SOC 331 3 CREDITS  
Prereq: SOC 134  
6357005 1 ARRANGED PETERS D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

POLITICS & SOCIETY SOC 334 3 CREDITS  
Prereq: A COURSE IN POLITICAL SCIENCE OR  
SOCIOLOGY  
7401005 1 TR 2:10-3:25 KRIER D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DEVIANT & CRIM BEHAV SOC 340 3 CREDITS  
Prereq: SOC 134 OR C J 240  
Note: SEC A1 RESTRICTED TO C J, SOC MAJORS  
ONLY. SEC A2 RESTRICTED TO MAJORS OTHER THAN C J,  
SOC.  
6358005 A1 ARRANGED BEHNKEN M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

6358010 A2 ARRANGED BEHNKEN M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

6358015 B1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6358020 B2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

POPULATION & SOCIETY SOC 345 3 CREDITS  
Prereq: SOC 134  
Note: Meets international perspectives reqmt  
6359005 1 MWF 11:00-11:50 STEWART S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GLBL POV&SUSTNB DEV SOC 348 3 CREDITS  
Prereq: SOC 134  
Note: Meets international perspectives reqmt  
9576005 1 TR 8:00-9:15 BALAYAR R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HMN DVS AG&FOOD SYS SOC 350 3 CREDITS  
Prereq: 3 CREDITS IN SOCIAL SCIENCES OR  
PERMISSION OF INSTRUCTOR  
0255005 1 TR 2:10-3:25 DENTZMAN K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ENVIRONMENTL SOCIO SOC 382 3 CREDITS  
Prereq: SOC 134 OR 3 CREDITS OF ENV S  
Note: Meets international perspectives reqmt  
7713005 1 MWF 3:40-4:10 BALAYAR R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## SOCIOLOGY

(CONTINUED)

CONTEM SOC THEORIES SOC 401 3 CREDITS  
Prereq: 9 CREDITS IN SOC  
6365005 1 TR 11:00-12:15 KRIER D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HUMAN TRAFFICKING SOC 410 3 CREDITS  
0686005 1 TR 3:40-4:55 STOEHR A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOC CHNGE DEV CNTRI SOC 411 3 CREDITS  
Prereq: SOC 134 PLUS 3 CREDITS IN SOCIAL SCIENCES  
6323005 1 MWF 8:50-9:40 OBERHAUSER A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RURAL RSLLCY&VTILTY SOC 433 3 CREDITS  
Prereq: SOC 230 OR INSTRUCTOR PERMISSION  
1268005 1 TR 3:40-4:55 MINDES S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CRIM&JUV JUST INTRN SOC 460 3- 9 CREDITS  
Prereq: JR/SR CLASSIFICATION; MAJOR OR MINOR IN  
CRIMINAL JUSTICE OR SOCIOLOGY.  
Note: NO MORE THAN 9 CREDITS OF SOC 460/C J 460  
MAY BE COUNTED TOWARD GRADUATION.  
Satisfactory-Fail Only.  
6370005 1 ARRANGED DELISI M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AGRPS INTERNSHIP SOC 470X 3- 9 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION; MAJOR  
IN AGRICULTURAL AND RURAL POLICY STUDIES  
Satisfactory-Fail Only.  
2413005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEP STUDY GEN SOC SOC 490A 1- 3 CREDITS  
Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR  
Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY  
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD  
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN  
9 CREDITS OF SOC 490 TOWARD GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC SOC 490B 1- 3 CREDITS  
Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION  
Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY  
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD  
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN  
9 CREDITS OF SOC 490 TOWARD GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS SOC 490H 1- 3 CREDITS  
Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR,  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY  
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD  
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN  
9 CREDITS OF SOC 490 TOWARD GRADUATION. RESTRICTED  
TO UNIVERSITY HONORS PROGRAM STUDENTS ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HUMAN TRAFFICKING SOC 510 3 CREDITS  
0687005 1 TR 3:40-4:55 STOEHR A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEM SOC PSY SYMBOLC SOC 525C 3 CREDITS  
Prereq: SOC 305 OR PSYCH 280  
5246005 1 W 5:30-8:30PM SCHWEINGRUBER D  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RURAL RSLLCY&VTILTY SOC 533 3 CREDITS  
Prereq: GRADUATE STANDING OR INSTRUCTOR  
PERMISSION  
6330005 1 TR 3:40-4:55 MINDES S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPCL TOPICS GEN SOC SOC 590A 1- 3 CREDITS  
Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS RURAL SOC SOC 590B 1- 3 CREDITS  
Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## SOCIOLOGY

(CONTINUED)

MASTERS RES GEN SOC SOC 599A 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOUND SUSTAINBLE AG SOC 610 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
Note: COURSE IS FOR SUSAG MAJORS. NON-MAJORS BY  
PERMISSION OF THE INSTRUCTOR.  
7637005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH GENERL SOC SOC 699A 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC SOC 699B 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## SOFTWARE ENGINEERING

SOFTWAR ENGR ORIENT S E 101 R CREDIT  
Note: COURSE RESTRICTED TO S E MAJORS ONLY  
Satisfactory-Fail Only.  
7288005 1 T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7288010 2 T 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOFTWR ENGR CAREERS S E 166 R CREDIT  
Satisfactory-Fail Only.  
7290005 1 W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROB SOLV SFTWR ENG S E 185 3 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH  
143 (OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT  
EXAMINATIONS)  
Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES  
MAY BE APPLIED TOWARD GRADUATION: M E 160, ENGR 160,  
AER E 160, C E 160, A B E 160, CPR E 185, E E 185,  
S E 185, I E 148, CH E 160  
4922005 1 TR 8:00-8:50  
T 4:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4922010 2 TR 8:00-8:50  
T 6:10-8:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4922015 3 TR 8:00-8:50  
W 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4922020 4 TR 8:00-8:50  
W 2:15-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4922025 5 TR 8:00-8:50  
R 11:00-12:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4922030 6 TR 8:00-8:50  
R 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4922035 7 TR 8:00-8:50  
R 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4922040 8 TR 8:00-8:50  
F 7:45-9:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4922045 9 TR 8:00-8:50  
R 7:00-9:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOFTWR DEV PRACTCES S E 309 3 CREDITS  
Prereq: MINIMUM OF C- IN (COM S 228; MATH 165)  
0032005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0032010 2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

0032015 3 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## SOFTWARE ENGINEERING

(CONTINUED)

INTRO SOFTWR TESTNG S E 317 3 CREDITS  
Prereq: (COM S 230 OR CPR E 310); (COM S 309 OR S E 309)  
0508005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CONSTR USER INTRFAC S E 319 3 CREDITS  
Prereq: COM S 228  
7191005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOFTWARE PROJCT MGT S E 329 3 CREDITS  
Prereq: COM S 309  
7377005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SFTWR ARCHITC&DSIGN S E 339 3 CREDITS  
Prereq: S E 319  
7259005 1 TR 4:10-5:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRIN PROGR LANGUAGS S E 342 3 CREDITS  
Prereq: C- OR BETTER IN COM S 228;  
C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310  
Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION.  
Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.  
1043005 1 TR 11:00-12:15  
W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

OBJCT-ORIEN ANALY&D S E 362 3 CREDITS  
Prereq: MINIMUM OF C- IN (COM S 228; MATH 165); ENGL 250  
0033005 1 TR 4:10-5:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SOFTWRE REQMTS ENGR S E 409 3 CREDITS  
Prereq: COM S 309  
7215005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PROGRAM ANALYSIS S E 413 3 CREDITS  
Prereq: (COM S 327 OR CPR E 288); COM S 342  
0798005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SFTWRE SAFETY ANALY S E 421 3 CREDITS  
Prereq: (COM S 230 OR CPR E 310); COM S 309  
8648005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY S E 490 VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGINEERING; PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO S E 491 3 CREDITS  
Prereq: S E 317 AND S E 339, ENGL 309 OR ENGL 314  
CO-REQ: CPR E 308 OR COM S 352.  
Note: COURSE RESTRICTED TO CPR E, CYB E, E E, S E JUNIORS & SENIORS  
Instructor permission required 1st week.  
7366005 1 T 2:10-4:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7366010 2 R 2:10-4:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SR DESIGN PROJCT II S E 492 2 CREDITS  
Prereq: CPR E 491 OR E E 491 OR S E 491  
7371005 1 R 2:10-3:00, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## SPANISH

ACCEL SPANISH REVIEW SPAN 97 0 CREDITS  
Note: DEVELOPMENTAL WORLD LANGUAGES FEE APPLIES.  
SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEE.  
8246005 1 ARRANGED WILHELM J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

## SPANISH

(CONTINUED)

ELEMENTRY SPANISH I SPAN 101 4 CREDITS  
Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS OF HIGH SCHOOL SPANISH MAY NOT ENROLL IN 101.  
TESTOUT NOT AVAILABLE IF ALSO REGISTERED.  
FOR PERMISSION TO ADD PLEASE CALL 294-8988.  
6473005 1 MW 9:55-10:45  
TR 9:55-10:45  
MEETS: AUG 21-DEC 15  
GOODMAN N  
GOODMAN N  
Note: Course delivery is On-site instruction

6473010 2 MW 11:00-11:50  
TR 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6473015 3 MW 12:05-12:55  
TR 12:05-12:55  
MEETS: AUG 21-DEC 15  
AMORIN N  
AMORIN N  
Note: Course delivery is On-site instruction

ELEM SPANISH II SPAN 102 4 CREDITS  
Prereq: SPAN 101 OR SPAN 97 OR PLACEMENT BY DEPARTMENTAL EXAM  
Note: Meets international perspectives reqmt  
6474005 1 MTWR 11:00-11:50  
MEETS: AUG 21-DEC 15  
GONZALEZ-CHAVES  
Note: Course delivery is On-site instruction

6474010 2 MW 12:05-12:55  
TR 12:05-12:55  
MEETS: AUG 21-DEC 15  
GONZALEZ-CHAVES  
GONZALEZ-CHAVES  
Note: Course delivery is On-site instruction

INTERMED SPANISH I SPAN 201 4 CREDITS  
Prereq: SPAN 102 OR PLACEMENT BY DEPARTMENTAL EXAM  
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
Meets international perspectives reqmt  
6477005 1 TR 9:55-10:45  
M 9:55-10:45  
W 9:55-10:45  
MEETS: AUG 21-DEC 15  
AMORIN N  
AMORIN N  
AMORIN N  
Note: Course delivery is On-site instruction

6477010 2 TWR 11:00-11:50  
M 11:00-11:50  
MEETS: AUG 21-DEC 15  
AMORIN N  
AMORIN N  
Note: Course delivery is On-site instruction

6477015 3 TWR 1:10-2:00  
M 1:10-2:00  
MEETS: AUG 21-DEC 15  
GONZALEZ-CHAVES  
GONZALEZ-CHAVES  
Note: Course delivery is On-site instruction

INTERMED SPANISH II SPAN 202 4 CREDITS  
Prereq: SPAN 201 OR PLACEMENT BY DEPARTMENTAL EXAM  
Note: ADMISSION TO SPAN 202 BY PLACEMENT ONLY, SEE DEPT. TESTOUT NOT AVAILABLE IF ALSO REGISTERED.  
Meets international perspectives reqmt  
6478005 1 MTWR 11:00-11:50  
MEETS: AUG 21-DEC 15  
VESSONI-DE-LENCE  
Note: Course delivery is On-site instruction

INTSVE INTRMED SPAN SPAN 297 4 CREDITS  
Prereq: SPAN 201 OR PLACEMENT BY DEPARTMENTAL EXAM  
Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: SPAN 285B, SPAN 285C, SPAN 297  
Meets international perspectives reqmt  
9101005 1 MTWR 9:55-10:45  
MEETS: AUG 21-DEC 15  
VESSONI-DE-LENCE  
Note: Course delivery is On-site instruction

GLOB PROF:TOUR&HOSP SPAN 302A 1 CREDIT  
Prereq: SPAN 202 OR SPAN 297 OR PLACEMENT BY DEPARTMENTAL EXAM  
Note: Meets international perspectives reqmt  
0916005 1 M 2:15-3:05, ARRANGED  
MEETS: AUG 21-SEPT 25  
VESSONI-DE-LENCE  
Note: Course delivery is Hybrid (Online and F2F)

GLOB PROF:HLTH&MED SPAN 302B 1 CREDIT  
Prereq: SPAN 202 OR SPAN 297 OR PLACEMENT BY DEPARTMENTAL EXAM  
Note: Meets international perspectives reqmt  
0991005 1 M 2:15-3:05, ARRANGED  
MEETS: OCT 2-OCT 30  
MYERS M  
Note: Course delivery is Hybrid (Online and F2F)

GLOB PROF:CR JU&LAW SPAN 302C 1 CREDIT  
Prereq: SPAN 202 OR SPAN 297 OR PLACEMENT BY DEPARTMENTAL EXAM  
Note: Meets international perspectives reqmt  
0997005 1 M 2:15-3:05, ARRANGED  
MEETS: OCT 30-DEC 8  
PARDO-BALLESTER  
Note: Course delivery is WWW

CONVERS THRU CULTUR SPAN 303A 3 CREDITS  
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM  
Note: Meets international perspectives reqmt  
6142005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
WILHELM J  
Note: Course delivery is On-site instruction

6142010 2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
HAYWOOD R  
Note: Course delivery is On-site instruction

6142015 3 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
LADNER E

## SPANISH

(CONTINUED)

CONVERS THRU CULTUR SPAN 303A 3 CREDITS  
Note: Course delivery is On-site instruction

CONVERS FOR PROFSNL SPAN 303B 3 CREDITS  
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM  
Note: Meets international perspectives reqmt  
6160005 1 TR 12:40-1:55 VESSONI-DE-LENCE  
MEETS: AUG 21-DEC 15

6160010 Note: Course delivery is On-site instruction  
2 MWF 9:55-10:45 WALDEMER T  
MEETS: AUG 21-DEC 15

6160015 Note: Course delivery is On-site instruction  
3 TR 9:30-10:45 LADNER E  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPANISH FOR PROFSNL SPAN 304 3 CREDITS  
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM  
Note: Meets international perspectives reqmt  
6482005 1 ARRANGED LADNER E  
MEETS: AUG 21-DEC 15

6482010 Note: Course delivery is WWW  
2 MWF 11:00-11:50 WALDEMER T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TXTUAL&MEDIA ANALYS SPAN 314 3 CREDITS  
Prereq: SPAN 303A OR SPAN 303B  
Note: Meets international perspectives reqmt  
8894005 1 TR 11:00-12:15 SUAREZ L  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LATIN AMER CIVILIZA SPAN 322 3 CREDITS  
Prereq: 1 SPAN COURSE AT THE 300-LEVEL  
Note: Meets international perspectives reqmt  
6484005 1 ARRANGED RIZO E  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPAIN TODAY SPAN 323 3 CREDITS  
Prereq: 1 SPAN COURSE AT THE 300-LEVEL  
Note: Meets international perspectives reqmt  
4047005 1 TR 12:40-1:55 LADNER E  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STU HISPAN ART/FILM SPAN 326 3 CREDITS  
Prereq: 1 SPAN COURSE AT THE 300-LEVEL  
Note: Meets international perspectives reqmt  
5030005 1 MW 3:10-4:30 DAPENA X  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STDI LATIN AMER LIT SPAN 332 3 CREDITS  
Prereq: SPAN 314  
Note: Meets international perspectives reqmt  
6487005 1 MWF 9:55-10:45 HAYWOOD R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR SPAN/ENG TRNSL SPAN 351 3 CREDITS  
Prereq: SPAN 303A OR SPAN 303B OR SPAN 304  
Note: Meets international perspectives reqmt  
5071005 1 ARRANGED PARDO-BALLESTER  
MEETS: AUG 21-DEC 15

5071010 Note: Course delivery is WWW  
2 ARRANGED WALDEMER T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPANISH PRONUNCIATN SPAN 352 3 CREDITS  
Prereq: SPAN 303A OR SPAN 303B OR SPAN 304  
Note: Meets international perspectives reqmt  
3382005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR SPN-ENG INTERP SPAN 354 3 CREDITS  
Prereq: SPAN 351  
Note: Meets international perspectives reqmt  
9273005 1 MWF 11:00-11:50 PARDO-BALLESTER  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEM LIT&CULTR SPAIN SPAN 440 3 CREDITS  
Prereq: SPAN 332  
Note: Meets international perspectives reqmt  
7688005 1 MW 3:20-4:40 RIZO E  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY SPAN 490 1- 6 CREDITS  
Prereq: 6 CR IN SPAN; PERMISSION OF DEPARTMENT CHAIR  
Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED TOWARD GRADUATION  
Permission of department chair required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## SPANISH

(CONTINUED)

SPANISH INTERNSHIP SPAN 499 1- 3 CREDITS  
Prereq: 9 CREDITS IN SPAN AT THE 300-LEVEL;  
PERMISSION OF ADVISOR AND WLC INTERNSHIP COORDINATOR  
Note: NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR  
Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

STU HISPAN ART/FILM SPAN 526 3 CREDITS  
Prereq: ONE SPAN COURSE AT THE 300 LEVEL  
Note: Meets international perspectives reqmt  
4728005 1 MW 3:10-4:30 DAPENA X  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SEM LIT&CULTR SPAIN SPAN 540 3 CREDITS  
Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333  
(RECOMMEND SPAN 330 & SPAN 331)  
7467005 1 MW 3:20-4:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR SPN-ENG INTERP SPAN 554 3 CREDITS  
Prereq: SPAN 351  
Note: Meets international perspectives reqmt  
9097005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPL TOP LINGUISTICS SPAN 590B 1- 4 CREDITS  
Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN  
2588005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP SPAN CIVLZN SPAN 590D 1- 4 CREDITS  
Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN  
3907005 1 ARRANGED  
MEETS: AUG 21-DEC 15

### SPECIAL EDUCATION

EDU EXCEPTIONAL LRN SP ED 250 3 CREDITS  
Prereq: EDUC 204 OR EDUC 205  
6452005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR INST MI/M DSAB SP ED 330 3 CREDITS  
Prereq: SP ED 250 AND EDUC 280I, CONCURRENT ENROLLMENT IN EDUC 377; ADMITTED TO THE EDUCATOR PREPARATION PROGRAM.  
Note: ADMISSION TO EDUCATOR PREPARATION PROGRAM  
CONCURRENT ENROLLMENT IN EDUC 377 & SP ED 334  
2260005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EXCEP LRN GEN CLASS SP ED 334 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN SP ED 330; ADMITTED TO EDUCATOR PREPARATION PROGRAM  
Note: CONCURRENT ENROLLMENT IN EDUC 377 & SP ED 330  
6461005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TCH SCDRY EXCEP GEN SP ED 401 3 CREDITS  
Prereq: ADMITTED TO EDUCATOR PREPARTION PROGRAM.  
5059005 1 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ASMT&INSTR INCLS K3 SP ED 405 4 CREDITS  
Prereq: SP ED 250 OR EQUIVALENT, EDUC 377, EDUC 438; ADMITTED TO EDUCATOR PREPARATION PROGRAM; CONCURRENT ENROLLMENT IN SP ED 458, EDUC 433, EDUC 439, EDUC 468I  
5773005 1 MW 11:00-1:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS  
Prereq: ADMITTED TO EDUCATOR PREP PROG, SENIOR CLASSIFICATION, MAJOR IN ELEMENTARY EDUC, SP ED 330, SP ED 334, SP ED 365, SP ED 436, SP ED 439, EDUC 280I, EDUC 452  
Note: Department permission required 1st week.  
3286005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1A OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING IN CENTRAL IOWA.

3286010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

3286015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2A OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING IN CENTRAL IOWA.

3286020 2R ARRANGED  
MEETS: OCT 16-DEC 15  
Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA.

## SPECIAL EDUCATION

(CONTINUED)

PRE-TCHG III:M/M K3 SP ED 458 1 CREDIT  
Prereq: EDUC 377, EDUC 438, ADMISSION TO EDUCATOR PREPARATION PROGRAM  
Satisfactory-Fail Only.  
5841005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC 1 IN SCHOOLS 9/26-10/19. MUST BE AVAILABLE M/W 7:30 TO 4:30  
Course delivery is On-site instruction

PRE-TCHG III:M DSBL SP ED 459 1 CREDIT  
Prereq: SP ED 330, SP ED 334, SP ED 365, SP ED 436; ADMITTED TO EDUCATOR PREPARATION PROGRAM  
Satisfactory-Fail Only.  
1883005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL ED SEMINAR SP ED 460 1 CREDIT  
Prereq: SP ED 436 AND CONCURRENT ENROLLMENT IN SP ED 459  
Note: ADMISSION TO EDUCATOR PREPARATION PROGRAM  
1360005 1 R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

COLLAB PARTNERSHIPS SP ED 464 3 CREDITS  
Prereq: SP ED 365, SP ED 436  
Note: ADMISSION TO EDUCATOR PREPARATION PROGRAM  
7963005 1 M 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY SP ED 490 1- 5 CREDITS  
Prereq: 12 CR IN EL ED  
Note: Department permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TCH ADOL STRGL RDR SP ED 553 3 CREDITS  
Prereq: TEACHING LICENSE OR SENIOR CLASSIFICATION  
7663005 1 W 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7663010 2 M 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SYS-LEVL SUPP DISAB SP ED 570 3 CREDITS  
Prereq: SP ED 511  
5068005 1 T 5:30-8:20PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPECIAL TOPICS SP ED 590 1- 5 CREDITS  
Prereq: 6 CREDITS IN EDUC  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPV FLD EXP BHV/DS SP ED 591K 1- 6 CREDITS  
Prereq: 15 GRAD CREDITS IN SPECIAL AREA; ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1- 5 CREDITS  
Prereq: 15 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SP ED 699 VAR. CREDITS  
Prereq: 15 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**SPEECH COMMUNICATION**

LISTENING SP CM 110 3 CREDITS  
6418005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS  
8643005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643010 2 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643015 3 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643020 4 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643025 5 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643030 6 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643035 7 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643040 8 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643045 9 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## SPEECH COMMUNICATION

(CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS  
8643050 10 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643055 11 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643060 12 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643065 13 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643070 14 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643075 15 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643080 16 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643085 17 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643090 18 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643095 19 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643100 20 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643105 21 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643110 22 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643115 23 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643120 24 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643125 25 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643130 26 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643135 27 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643140 28 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643145 29 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643150 30 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643155 31 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643160 32 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643165 33 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643170 34 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643175 35 TR 8:00-9:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643180 36 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643185 37 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643190 38 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
8643195 39 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GREAT AMER SPEECHES SP CM 216 3 CREDITS  
4976005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

SPEECH COMMUNICATION (CONTINUED)

ANLYS POP CULTR TXT SP CM 275 3 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ENGL 250  
 1325005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPECIAL PROJECTS SP CM 290 1- 2 CREDITS  
 Prereq: 3 CREDITS IN SP CM; DEPARTMENT PERMISSION  
 Note: NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINOR.  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RHETORICAL ANALYSIS SP CM 310 3 CREDITS  
 Prereq: ENGL 250  
 Note: SEC A1,B1 RESTRICTED TO ENGL, TCOMM, SP CM MAJORS ONLY. A2,B2 FOR MAJORS OTHER THAN ENGL, TCOMM, SP CM  
 0115005 A1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0115010 A2 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0115015 B1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 0115020 B2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BUSINESS&PRO SPEAKG SP CM 312 3 CREDITS  
 Note: COURSE FOR MAJORS OTHER THAN SP CM.  
 6429005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6429010 2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6429015 3 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO THE COLLEGE OF BUSINESS MAJORS - PLEASE CONTACT THE BUSINESS COLLEGE WITH QUESTIONS.  
 Course delivery is On-site instruction  
 6429020 4 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 RESTRICTED TO THE COLLEGE OF BUSINESS MAJORS - PLEASE CONTACT THE BUSINESS COLLEGE WITH QUESTIONS.  
 Course delivery is On-site instruction

GENDER & COMMUNICTN SP CM 323 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 2640005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

INDEPENDENT STUDY SP CM 490 1- 3 CREDITS  
 Prereq: 18 CREDITS IN SP CM; JUNIOR CLASSIFICATION; DEPARTMENT PERMISSION  
 Note: NO CREDITS IN SP CM 490 MAY BE APPLIED TOWARD THE MINOR  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TEACHING SPEECH SP CM 495B 3 CREDITS  
 Prereq: 9 CREDITS IN SP CM; MINIMUM GPA OF 2.5 IN SP CM COURSES  
 6446005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required.  
 Course delivery is On-site instruction

SPECIAL TOPICS SP CM 590 1- 4 CREDITS  
 Prereq: PERMISSION OF PROGRAM CHAIR  
 Note: NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINOR.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CORE STU:PRO CMUNIC SP CM 592C 3 CREDITS  
 Note: RESTRICTED TO MASTERS IN ACCOUNTING  
 1388005 1 MW 11:00-12:40  
 MEETS: AUG 21-NOV 8  
 Note: Course delivery is On-site instruction

STATISTICS (CONTINUED)

PRIN OF STATISTICS STAT 101 4 CREDITS  
 6502015 3 MWF 9:55-10:45  
 T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

6502020 4 MWF 9:55-10:45  
 T 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

6502025 5 MWF 12:05-12:55  
 W 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

6502030 6 MWF 12:05-12:55  
 W 4:25-6:15PM  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

6502035 7 MWF 2:15-3:05  
 T 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

6502040 8 MWF 2:15-3:05  
 T 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

6502045 9 ARRANGED  
 W 11:00-12:55  
 MEETS: AUG 21-DEC 15  
 Note: SEC 9 ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR APPROVED BY THE ISU TEST CENTER. SEARCH IOWA STATE UNIVERSITY TEST CENTER PROCTOR REQUIREMENTS FOR DETAILS.  
 Course delivery is WWW

INTRO TO STATISTICS STAT 104 3 CREDITS  
 Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226.  
 Instructor permission required 1st week.

6503005 1 TR 1:10-2:00  
 F 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6503010 2 TR 1:10-2:00  
 F 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6503015 3 ARRANGED  
 R 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR APPROVED BY THE ISU TEST CENTER. SEARCH IOWA STATE UNIVERSITY TEST CENTER PROCTOR REQUIREMENTS FOR DETAILS.  
 Course delivery is WWW

6503020 4 ARRANGED, F 9:55-11:50  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR APPROVED BY THE ISU TEST CENTER. SEARCH IOWA STATE UNIVERSITY TEST CENTER PROCTOR REQUIREMENTS FOR DETAILS.  
 Course delivery is WWW

6503025 5 MW 12:05-12:55  
 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6503030 6 MW 12:05-12:55  
 R 12:05-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

STATISTICS ORIENTAT STAT 110 1 CREDIT  
 Satisfactory-Fail Only.  
 6501005 1 W 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTR STAT CNCPT&MTH STAT 201 4 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH 165  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226

4709005 1 MWF 12:05-12:55  
 R 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

STATISTICS

PRIN OF STATISTICS STAT 101 4 CREDITS  
 Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226.  
 6502005 1 MWF 8:50-9:40  
 M 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction

6502010 2 MWF 8:50-9:40  
 M 4:25-6:15PM  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required 1st week.  
 Course delivery is On-site instruction



STATISTICS

(CONTINUED)

INTR BUSINES STAT I STAT 226 3 CREDITS  
 Prereq: MATH 150 OR MATH 165  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 226, STAT 101, STAT 104, STAT 105, STAT 201. ON-CAMPUS SECTIONS RESTRICTED TO ACCT, AG B, BUS S, BUSAD, BUS U, BUSEC, BU AN, ECON, ENTP, FIN, HCM, HRM, I BUS, MGMT, MIS, MKT, P BUS, SCM MAJORS.  
 3975005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3975010 2 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3975015 3 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3975020 4 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3975025 5 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3975030 6 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 3975045 7 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 7 ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR APPROVED BY THE ISU TEST CENTER. SEARCH IOWA STATE UNIVERSITY TEST CENTER PROCTOR REQUIREMENTS FOR DETAILS.  
 Course delivery is WWW

PROB&INFERNC, ENGRS STAT 231 4 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH 265 OR MATH 265H  
 6507005 1 MF 12:05-12:55  
 TR 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTMD STT CNCPT&MTH STAT 301 4 CREDITS  
 Prereq: STAT 101 OR STAT 104 OR STAT 105 OR STAT 201 OR STAT 226 OR STAT 231 OR STAT 305 OR STAT 322 OR STAT 330  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326, STAT 401, OR STAT 587  
 4710005 1 TR 8:00-9:15  
 W 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4710010 2 TR 8:00-9:15  
 W 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4710015 3 TR 9:30-10:45  
 W 2:15-4:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4710020 4 TR 9:30-10:45  
 W 4:25-6:15PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ENGINEERING STAT STAT 305 3 CREDITS  
 Prereq: MATH 165  
 Note: CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO ENGR COLLEGE MAJORS AND MTEOR, PHYS, PHYSA, COM S, P CS MAJORS ONLY.  
 6509005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6509010 2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6509015 3 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6509020 4 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6509025 5 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6509030 6 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6509035 7 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 7 RESTRICTED TO THE COLLEGE OF ENGINEERING ONLY  
 SEC 7 ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR APPROVED BY THE ISU TEST CENTER. SEARCH IOWA STATE UNIVERSITY TEST CENTER PROCTOR REQUIREMENTS FOR DETAILS.  
 Course delivery is WWW

STATISTICS

(CONTINUED)

PROBAB MTH,ELEC ENG STAT 322 3 CREDITS  
 Prereq: E E 224  
 6857005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 INTR BUSINS STAT II STAT 326 3 CREDITS  
 Prereq: STAT 226  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326, STAT 401, OR STAT 587  
 6510005 1 MW 12:05-12:55  
 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6510010 2 MW 12:05-12:55  
 R 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6510015 3 MW 12:05-12:55  
 R 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6510020 4 MW 12:05-12:55  
 R 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6510025 5 MW 12:05-12:55  
 R 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6510030 6 MW 12:05-12:55  
 F 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6510035 7 ARRANGED, F 12:05-2:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 7 ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR APPROVED BY THE ISU TEST CENTER. SEARCH IOWA STATE UNIVERSITY TEST CENTER PROCTOR REQUIREMENTS FOR DETAILS.  
 Course delivery is WWW

PROBAB&STAT COM SCI STAT 330 3 CREDITS  
 Prereq: MATH 166  
 7372005 1 MWF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7372010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 ALL EXAMS WILL BE TAKEN THROUGH IOWA STATE UNIVERSITY CENTERS, EITHER ON CAMPUS OR REMOTELY VIA A TEST-CENTER-APPROVED PROCTOR. STUDENTS UNABLE TO BE ON CAMPUS FOR EXAMS ARE REQUIRED TO FIND A PROCTOR APPROVED BY THE ISU TEST CENTER. SEARCH IOWA STATE UNIVERSITY TEST CENTER PROCTOR REQUIREMENTS FOR DETAILS.  
 Course delivery is WWW

INTR THY PROBAB&S I STAT 341 4 CREDITS  
 Prereq: MATH 265 OR MATH 265H  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 341, STAT 347, STAT 447, OR STAT 588  
 6511005 1 MWF 9:55-10:45  
 T 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTR THY PR&STAT II STAT 342 4 CREDITS  
 Prereq: (MATH 207 OR MATH 317); (STAT 101 OR STAT 104 OR STAT 105 OR STAT 201 OR STAT 226 OR STAT 231 OR STAT 305 OR STAT 322 OR STAT 330); STAT 341  
 6512005 1 MWF 8:50-9:40  
 T 2:10-4:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DS PROB&STAT THEORY STAT 347 4 CREDITS  
 Prereq: (MATH 207 OR MATH 317); MATH 265; (STAT 301 OR STAT 326)  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: STAT 341, STAT 347, STAT 447, OR STAT 588  
 0009005 1 MWF 9:55-10:45  
 R 10:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

STAT QUALITY ASSURN STAT 361 3 CREDITS  
 Prereq: STAT 231, STAT 301, STAT 326, STAT 401, OR STAT 587  
 Note: COURSE RESTRICTED TO I E, STAT MAJORS ONLY  
 TWO-HOUR LECTURE DELIVERY IS WWW.  
 6513005 1 ARRANGED, T 3:40-5:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## STATISTICS

(CONTINUED)

COOPERATIVE EDUCATN STAT 398 R CREDIT  
Prereq: DEPARTMENT CHAIR PERMISSION  
1530005 1 ARRANGED  
MEETS: AUG 21-DEC 15

INTRO EXPERMTL DSGN STAT 471 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT  
587  
Note: CREDIT IN ONLY ONE OF STAT 402, STAT 471, OR STAT  
571 MAY BE APPLIED TO GRADUATION. MAY NOT BE USED FOR  
GRADUATE CREDIT IN THE STATISTICS MS AND PH D DEGREE  
PROGRAMS  
6515005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO MULTVT DTA AN STAT 475 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT  
587  
Note: CREDIT FOR ONLY ONE OF STAT 407, STAT 475, OR  
STAT 575 MAY BE APPLIED TO GRADUATION. MAY NOT BE  
USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND  
PH D DEGREE PROGRAMS  
6519005 1 TR 8:25-9:15  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

REGRES SOC&BHAV RES STAT 482 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT  
587  
Note: CREDIT FOR ONLY ONE OF STAT 404, STAT 482, OR  
STAT 582 MAY BE APPLIED TO GRADUATION. MAY NOT BE  
USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND  
PH D DEGREE PROGRAMS  
6517005 1 TR 11:00-11:50  
F 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EMPRCL MTHD CMP SCI STAT 483 3 CREDITS  
Prereq: MATH 166; STAT 330  
Note: CREDIT FOR ONLY ONE OF STAT 430, STAT 483, OR  
STAT 583 MAY BE APPLIED TO GRADUATION. MAY NOT BE  
USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND  
PH D DEGREE PROGRAMS  
8331005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CMPTR PROC SCI DATA STAT 484 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT  
587  
Note: CREDIT FOR ONLY ONE OF STAT 479, STAT 484, OR  
STAT 584 MAY BE APPLIED TO GRADUATION. MAY NOT BE  
USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND  
PH D DEGREE PROGRAMS  
6526005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY STAT 490 VAR. CREDITS  
Prereq: 10 CREDITS IN STAT; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS STAT 490H VAR. CREDITS  
Prereq: 10 CREDITS IN STAT; PERMISSION OF  
INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE  
APPLIED TOWARD GRADUATION. RESTRICTED TO STUDENTS  
IN THE UNIVERSITY HONORS PROGRAM ONLY.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

STATISTCL METHDS I STAT 500 4 CREDITS  
Prereq: STAT 447 OR STAT 588 OR CURRENT  
ENROLLMENT IN STAT 542; KNOWLEDGE OF MATRIX ALGEBRA  
6529005 1 MWF 9:55-10:45  
T 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STATISTCL METHDS III STAT 520 3 CREDITS  
Prereq: STAT 510, STAT 447 OR STAT 543 OR STAT  
588  
4876005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

APPLD STAT MODELING STAT 526 3 CREDITS  
Prereq: ADMISSION TO MASTER OF BUSINESS ANALYTICS  
PROGRAM  
Note: CREDIT IN STAT 526 MAY NOT BE APPLIED TOWARD  
GRADUATE CREDIT IN THE STATISTICS PROGRAM  
RESTRICTED TO BUSINESS ANALYTICS, SCM, ISBA GRADUATE  
STUDENTS  
9455005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

## STATISTICS

(CONTINUED)

VISUAL BSNSS ANLYTC STAT 528 3 CREDITS  
Prereq: ADMISSION TO THE MASTER OF BUSINESS  
ANALYTICS PROGRAM  
Note: CREDIT IN STAT 528 MAY NOT BE APPLIED TOWARD  
GRADUATE CREDIT IN THE STATISTICS PROGRAM  
RESTRICTED TO BUSINESS ANALYTICS STUDENTS.  
9456005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

RELIABILITY STAT 533 3 CREDITS  
Prereq: STAT 342 OR STAT 432 OR STAT 447 OR STAT  
478 OR STAT 578 OR STAT 588  
6538005 1 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THRY PROBAB &STAT I STAT 542 4 CREDITS  
Prereq: MATH 414  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY  
BE APPLIED TOWARD GRADUATION BY DIETETICS STUDENTS:  
DIET 554, STAT 401, STAT 495, STAT 542  
6546005 1 MF 8:50-9:40  
TR 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NONPARAM METHODS ST STAT 546 3 CREDITS  
Prereq: STAT 510, STAT 542  
6549005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TIME SERIES ANALYS STAT 551 3 CREDITS  
Prereq: STAT 447 OR STAT 542 OR STAT 588  
4590005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STOCHAST PROC MODEL STAT 554 3 CREDITS  
Prereq: STAT 542  
6617005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MTHDS BIostat&EPIDM STAT 565 3 CREDITS  
Prereq: STAT 401 OR STAT 500 OR STAT 587; STAT  
447 OR STAT 543 OR STAT 588  
6540005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SYSTEMS BIOLOGY STAT 570 3 CREDITS  
Prereq: BCB 567 OR COM S 311, COM S 228, 208  
GEN 409, EITHER STAT 430, STAT 483, OR STAT 583  
5074005 1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO EXPERMTL DSGN STAT 571 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT  
587  
Note: CREDIT IN ONLY ONE OF STAT 402, STAT 471, OR STAT  
571 MAY BE APPLIED TO GRADUATION. MAY NOT BE USED FOR  
GRADUATE CREDIT IN THE STATISTICS MS AND PH D DEGREE  
PROGRAMS  
0229005 1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO MULTVT DTA AN STAT 575 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT  
587  
Note: CREDIT FOR ONLY ONE OF STAT 407, STAT 475, OR  
STAT 575 MAY BE APPLIED TO GRADUATION. MAY NOT BE  
USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND  
PH D DEGREE PROGRAMS  
0234005 1 TR 8:25-9:15  
R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AN INTRODUCTN TO R STAT 579 1 CREDIT  
Prereq: ENROLLMENT IN STAT 500  
6552005 1 R 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO STAT MAJORS ONLY  
Course delivery is On-site instruction  
6552010 2 T 12:10-2:00  
MEETS: AUG 21-DEC 15  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN STAT  
Course delivery is On-site instruction

REGRES SOC&BHAV RES STAT 582 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT  
587  
Note: CREDIT FOR ONLY ONE OF STAT 404, STAT 482, OR  
STAT 582 MAY BE APPLIED TO GRADUATION. MAY NOT BE  
USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND  
PH D DEGREE PROGRAMS  
0238005 1 TR 11:00-11:50  
F 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## STATISTICS

(CONTINUED)

EMPRCL MTHD CMP SCI STAT 583 3 CREDITS  
Prereq: MATH 166; STAT 330  
Note: CREDIT FOR ONLY ONE OF STAT 430, STAT 483, OR STAT 583 MAY BE APPLIED TO GRADUATION. MAY NOT BE USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND PH D DEGREE PROGRAMS  
0239005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CMPTR PROC SCI DATA STAT 584 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401 OR STAT 587  
Note: CREDIT FOR ONLY ONE OF STAT 479, STAT 484, OR STAT 584 MAY BE APPLIED TO GRADUATION. MAY NOT BE USED FOR GRADUATE CREDIT IN THE STATISTICS MS AND PH D DEGREE PROGRAMS  
0240005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

STAT MTHD FOR RSRCH STAT 587 4 CREDITS  
Prereq: ONE OF THE FOLLOWING: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226, OR EQUIVALENT UNDERGRAD LEVEL APPLIED STATISTICS COURSE; OR PERMISSION OF DEPARTMENT  
Note: CREDIT IN STAT 587 MAY NOT BE APPLIED TOWARD GRADUATION AS GRADUATE CREDIT IN STATISTICS MS AND PH D DEGREE PROGRAMS. CREDIT IN EITHER STAT 587 OR STAT 401, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
3680005 1 MWF 1:10-2:00  
R 2:10-4:00  
MEETS: AUG 21-DEC 15  
Note: SEC 1 FOR ENGINEERING, PHYSICAL SCIENCES MAJORS  
Instructor permission required 1st week.  
Course delivery is On-site instruction  
3680010 2 MWF 8:50-9:40  
W 12:05-1:55  
MEETS: AUG 21-DEC 15  
Note: SEC 2 FOR AG COLLEGE AND VET COLLEGE MAJORS, A E, A B E, BCB, BIOL, BOT S, D EX, D EXH, DIETH, EEB, EEOB, EEOBS, FS H, FSHNH, GDCB, GDCBS, GENET, HHP, IMBIO, MCDB, NEURO, NS H, NUTR, P PHY, PPEXH, PLBIO, SUSAG, TOX, ZLGNS  
Instructor permission required 1st week.  
Course delivery is On-site instruction

STAT THEORY FOR RES STAT 588 4 CREDITS  
Prereq: MATH 151 AND INSTR PERMISSN, OR MATH 265  
Note: CREDIT IN STAT 588 MAY NOT BE APPLIED TOWARD GRADUATION AS GRADUATE CREDIT IN STATISTICS MS AND PH D DEGREE PROGRAMS. CREDIT IN STAT 588 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
3694005 1 MW 3:20-4:10  
F 2:15-4:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS  
6557005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOPCS STAT EDUC STAT 590E VAR. CREDITS  
8521005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOP COMP&GRPHCS STAT 590F VAR. CREDITS  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2022  
9765005 1 ARRANGED  
MEETS: AUG 21-DEC 15

COOPERATIVE EDUCATN STAT 598 R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT CHAIR  
4153005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CREATIVE COMPONENT STAT 599 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPATIAL STATIST STAT 606 3 CREDITS  
Prereq: STAT 506, STAT 543  
6560005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV BAYESIAN METHDS STAT 615 3 CREDITS  
Prereq: STAT 544, STAT 601  
5076005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## STATISTICS

(CONTINUED)

FOUND PRBABLY THRY STAT 641 3 CREDITS  
Prereq: MATH 414 OR MATH 510 OR EQUIVALENT COURSE  
4887005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV THRY ST INFERNC STAT 643 3 CREDITS  
Prereq: STAT 543, STAT 642  
6566005 1 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV STAT COMPUTING STAT 680 3 CREDITS  
Prereq: STAT 543 AND STAT 580  
3421005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV SPL TOP METHODS STAT 690B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
6852005 1 ARRANGED  
MEETS: AUG 21-DEC 15

ADV TOP SAMP SURVEY STAT 690D VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
6855005 1 ARRANGED  
MEETS: AUG 21-DEC 15

ADV TOP STAT COMPUT STAT 690E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2022  
1709005 1 ARRANGED  
MEETS: AUG 21-DEC 15

ADV TOPICS GRAPHICS STAT 690F VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3189005 1 ARRANGED  
MEETS: AUG 21-DEC 15

RESEARCH STAT 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**SUPPLY CHAIN MANAGEMENT**

SUPPLY CHAIN MGMT SCM 301 3 CREDITS  
Prereq: ECON 101, STAT 226  
Note: SEC A1,B1,ETC. RESTRICTED TO ACCT, ACSCI, AG B, AG SO, AST, BU AN, BUS S, BUS U, BUSEC, ENTSP, FIN, HCM, HRM, I TEC, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS SEC A2,B2,ETC. RESTRICTED TO UNDERGRAD STUDENTS SOPH & ABOVE.  
GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.  
1629005 A1 MWF 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629010 A2 MWF 7:45-8:35  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629015 B1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629020 B2 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629025 C1 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629030 C2 TR 3:40-4:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629035 D1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629040 D2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629045 E1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629050 E2 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629055 F1 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629060 F2 MWF 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629065 G1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629070 G2 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629085 J1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
1629090 J2 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## SUPPLY CHAIN MANAGEMENT (CONTINUED)

SUPPLY CHAIN MGMT SCM 301 3 CREDITS  
 1629095 K1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1629100 K2 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1629105 L1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1629110 L2 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1629115 M1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

1629130 N2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

1629135 N3 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC N3 RESTRICTED TO BBA MAJORS ONLY  
 Course delivery is WWW

HLTHCR QUALITY MGMT SCM 303 3 CREDITS  
 Prereq: SCM 301; CREDIT OR CONCURRENT ENROLLMENT  
 IN HCM 301  
 Note: COURSE RESTRICTED TO UNDERGRADS SOPH &  
 ABOVE

0765005 1 MWF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PROJECT MANAGEMENT SCM 340 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MIS 301  
 Note: COURSE RESTRICTED TO UNDERGRADUATE  
 BUSINESS STUDENTS ONLY. NOT OPEN TO P BBA, P BUS.

7426005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7426010 2 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7426015 3 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7426020 4 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

7426025 5 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 5 RESTRICTED TO BBA MAJORS ONLY  
 Course delivery is WWW

PROCSS MGT,AN&IMPRV SCM 424 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS  
 SOPH & ABOVE

5287005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

5287010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO BBA MAJORS ONLY  
 Course delivery is WWW

5287015 3 MWF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SUPPLY CHAIN ANALYTIC SCM 430 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO UNDERGRAD STUDENTS  
 SOPH & ABOVE

0399005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPLY CHN PLAN&CNTRL SCM 453 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS  
 SOPH & ABOVE. GRADUATE STUDENTS GO TO 1200 GERDIN FOR  
 PERMISSION TO ADD.

4729005 1 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4729010 2 MW 3:45-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4729015 3 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DECISN TOOLS LOG&OP SCM 460 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS  
 UNDERGRAD MAJORS SOPH & ABOVE.  
 COURSE NOT OPEN TO GRADUATE STUDENTS GO TO 1200 FOR  
 PERMISSION TO ADD.

6790005 1 MWF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6790010 2 MWF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6790015 3 MW 2:15-3:30  
 MEETS: AUG 21-DEC 15

## SUPPLY CHAIN MANAGEMENT (CONTINUED)

DECISN TOOLS LOG&OP SCM 460 3 CREDITS  
 Note: Course delivery is On-site instruction

PRIN TRANSPORTATION SCM 461 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO BUSINESS UNDERGRAD  
 MAJORS SOPH & ABOVE.  
 GRADUATE STUDENTS GO TO 1200 GERDIN FOR  
 PERMISSION TO ADD

6791005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6791010 2 TR 3:40-4:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GLOBL TRADE MANAGMT SCM 466 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS  
 UNDERGRADS SOPH & ABOVE. GRADUATE STUDENTS GO TO  
 1200 GERDIN FOR PERMISSION TO ADD.

6793005 1 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SUP CHAIN WAR&PEACE SCM 473 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS  
 SOPH & ABOVE

0809005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRIN PRCHS&SPLY MGT SCM 486 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS STUDENTS  
 SOPH & ABOVE

4788005 1 MW 8:50-9:40, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

4788010 2 MW 9:55-10:45  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

4788015 3 MW 12:05-12:55  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

INDEPENDENT STUDY SCM 490 1-3 CREDITS  
 Prereq: SCM 301, SENIOR CLASSIFICATN, INSTRUCTOR  
 PERMISSION  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EXEC ANALY & PRES SCM 495 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN SCM 301  
 Note: COURSE IS RESTRICTED BUSINESS COLLEGE UNDERGRADS  
 SOPH & ABOVE.  
 WILL MEET MONDAY IN A CLASSROOM WITH THE REMAINDER  
 OF THE COURSE CONTENT ARRANGED.  
 ONLY 3 CREDITS OF SCM 495 MAY COUNT AS A SUPPLY CHAIN  
 MANAGEMENT MAJOR CHOICE ELECTIVE.

4577005 1 M 5:30-6:45PM  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is Hybrid (Online and F2F)

HEALTHCARE SCM 503 3 CREDITS  
 Prereq: ADMISSION INTO MHAO PROGRAM

1849005 1 ARRANGED  
 MEETS: AUG 28-NOV 17  
 Note: Course delivery is WWW

STRATG PRCESS ANALY SCM 524 3 CREDITS  
 Prereq: SCM 501 OR PERMISSION OF INSTRUCTOR  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

8590005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

APPLD SCM ANALYTICS SCM 530X 3 CREDITS  
 Prereq: GRADUATE STUDENT IN BUSINESS

3010005 1 T 6:00-9:20PM  
 MEETS: AUG 28-NOV 17  
 Note: Course delivery is On-site instruction

PURCHASI&SUPPLY MGT SCM 563 3 CREDITS  
 Prereq: SCM 501 OR PERMISSION OF INSTRUCTOR  
 Note: RESTRICTED TO GRADUATE STUDENTS

7251005 1 W 5:00-5:50, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 REQUIRED ONLINE CONFERENCE MEETINGS ARE TO  
 BE HELD ON WEDNESDAYS FROM 5:00-5:50PM. ALL OTHER  
 CONTENT WILL BE DELIVERED ASYNCHRONOUSLY. CONTACT  
 COURSE INSTRUCTOR FOR MORE INFORMATION  
 Course delivery is WWW

SUPPLY CHAIN MANAGEMENT (CONTINUED)

SUSTNB SPLY CHN MGT SCM 571X 3 CREDITS  
 Prereq: SCM 501  
 3348005 1 ARRANGED  
 MEETS: AUG 28-NOV 17  
 Note: SEC 1 REQUIRED ONLINE CONFERENCE MEETINGS ARE TO BE HELD ON TUESDAYS FROM 12:00 TO 12:50PM. ALL OTHER CONTENT WILL BE DELIVERED ASYNCHRONOUSLY. CONTACT COURSE INSTRUCTOR FOR MORE INFORMATION.  
 Course delivery is WWW

SPECIAL TOPICS SCM 590 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINR IN PURCHASNG SCM 603 3 CREDITS  
 Prereq: SCM 601 OR CONCURRENT ENROLLMENT  
 Note: MUST BE A PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION  
 8039005 1 T 9:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RSEARCH PRACTICUM I SCM 650 1 CREDIT  
 Prereq: ENROLLMENT IN THE PH D PROGRAM  
 Note: MUST BE A BUSAD PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICUM II SCM 651 1 CREDIT  
 Prereq: ENROLLMENT IN THE PH D PROGRAM  
 Note: MUST BE A BUSAD PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**SUSTAINABLE AGRICULTURE**

INTEG CROP&LVSTK SY SUSAG 515 3 CREDITS  
 Prereq: SUSAG 509  
 4934005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPECIAL TOPICS SUSAG 590 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SUSAG 599 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUSTAINB AG COLLOQU SUSAG 600 1 CREDIT  
 5035005 1 W 3:20-5:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 Section info: <https://susag.iastate.edu/colloquium>

FOUND SUSTAINBLE AG SUSAG 610 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: COURSE IS FOR SUSAG MAJORS. NON-MAJORS BY PERMISSION OF THE INSTRUCTOR.  
 5047005 1 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RESEARCH SUSAG 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**TECHNOLOGY SYSTEMS MANAGEMENT**

INTRO TO TECHNOLOGY TSM 110 1 CREDIT  
 Prereq: AGRICULTURAL SYSTEMS TECHNOLOGY OR INDUSTRIAL TECHNOLOGY MAJOR  
 Note: COURSE RESTRICTED TO AST AND I TEC MAJORS ONLY  
 2533005 1 F 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

EXPERNCING TECHNOL TSM 111 1 CREDIT  
 Prereq: AGRICULTURAL SYSTEMS TECHNOLOGY OR INDUSTRIAL TECHNOLOGY MAJOR  
 8507005 1 W 2:15-4:05  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction  
 8507010 2 W 2:15-4:05  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

SOLV TECHNOL PROBLM TSM 115 3 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN MATH 140 OR HIGHER  
 1358005 1 MW 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO AST, I TEC MAJORS ONLY  
 Course delivery is On-site instruction  
 1358010 2 MW 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 FOR MAJORS OTHER THAN AST, I TEC.  
 Course delivery is On-site instruction

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

INTR DSIGN IN TCNOL TSM 116 3 CREDITS  
 4496005 1 TR 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4496010 2 MW 12:05-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SMNR:PREP FOR WRKPL TSM 201 1 CREDIT  
 Prereq: MAJOR IN AE, AST, BSE, OR I TEC;  
 SOPHOMORE CLASSIFICATION  
 1384005 1 MW 4:25-5:15  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction

FUND OF TECHNOLOGY TSM 210 3 CREDITS  
 Prereq: (TSM 115, ENGR 160, A B E 160, AER E 160, C E 160, CPR E 185, E E 185, I E 148, M E 160, OR S E 185); MATH 140 OR HIGHER  
 1359005 1 TR 3:40-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

MANAGING TECNL PROJ TSM 214 1 CREDIT  
 Prereq: (A B E 201 OR TSM 201); SOPHOMORE CLASSIFICATION  
 4057005 1 MW 4:25-5:15  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

ADV TECH GRPHCS&CAD TSM 216 2 CREDITS  
 Prereq: TSM 116  
 4504005 1 TR 12:40-1:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 4504010 2 TR 8:00-9:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO ADV MFG&METAL TSM 240 3 CREDITS  
 Prereq: MATH 145  
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY  
 6601005 1 M 2:15-3:05  
 T 10:00-10:50  
 R 9:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6601010 2 M 2:15-3:05  
 T 10:00-10:50  
 R 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6601015 3 M 2:15-3:05  
 T 10:00-10:50  
 R 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6601020 4 M 2:15-3:05  
 W 9:55-10:45  
 F 8:50-10:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6601025 5 M 2:15-3:05  
 W 9:55-10:45  
 F 11:00-12:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6601030 6 M 2:15-3:05  
 W 9:55-10:45  
 F 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INTRO MFG PLASTICS TSM 241 2 CREDITS  
 Prereq: MATH 145  
 5943005 1 M 3:20-4:10  
 T 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5943010 2 M 3:20-4:10  
 T 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5943015 3 M 3:20-4:10  
 W 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

5943020 4 M 3:20-4:10  
 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5943025 5 M 3:20-4:10  
 F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

PRIN INJURY PREVENT TSM 270 3 CREDITS  
 5625700 F ARRANGED WRIGHT J  
 MEETS: AUG 21-DEC 15  
 Note: SEC F CONTACT GPIDEA COORDINATOR TO ENROLL.  
 IOWASTATEONLINE@IASTATE.EDU OR 800-747-4478.  
 Course delivery is On-site instruction  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

5625705 H ARRANGED WRIGHT J  
 MEETS: AUG 21-DEC 15  
 Note: SEC H CONTACT GPIDEA COORDINATOR TO ENROLL.  
 IOWASTATEONLINE@IASTATE.EDU OR 800-747-4478.  
 Tuition Category: GPIDEA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

5625005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

5625710 2 ARRANGED WRIGHT J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

TOTAL QUAL IMPROVMT TSM 310 3 CREDITS  
 Prereq: (STAT 101 OR STAT 104); JUNIOR CLASSIFICATION

9202008 1 TR 11:00-11:50  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO AST & I TEC MAJORS ONLY  
 Course delivery is Hybrid (Online and F2F)

9202010 2 TR 11:00-11:50  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 FOR JRS AND SRS NOT AST, I TEC MAJORS  
 Course delivery is Hybrid (Online and F2F)

BIORENEWABLE SYSTMS TSM 325 3 CREDITS  
 Prereq: CHEM 163 OR HIGHER; MATH 140 OR HIGHER

4747700 F ARRANGED BRUMM T  
 MEETS: AUG 21-DEC 15  
 Note: SEC F CONTACT GPIDEA COORDINATOR TO ENROLL.  
 IOWASTATEONLINE@IASTATE.EDU, 800-747-4478  
 Course delivery is Hybrid (Online and F2F)  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

4747705 H ARRANGED BRUMM T  
 MEETS: AUG 21-DEC 15  
 Note: SEC F CONTACT GPIDEA COORDINATOR TO ENROLL.  
 IOWASTATEONLINE@IASTATE.EDU, 800-747-4478  
 Tuition Category: GPIDEA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

4747005 1 ARRANGED BRUMM T  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

4747010 2 TR 11:00-12:15  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

LVSTCK&PLTRY PRDCTN TSM 327 3 CREDITS  
 1362005 1 MW 8:50-9:40  
 M 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TRACTOR POWER TSM 335 4 CREDITS  
 Prereq: MATH 145; TSM 210  
 Note: COURSE RESTRICTED TO AST, I TEC, M E MAJORS ONLY

1348005 1 MWF 9:55-10:45  
 M 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1348010 2 MWF 9:55-10:45  
 M 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1348015 3 MWF 9:55-10:45  
 W 11:00-1:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FLUID PWR SYS TCNOL TSM 337 3 CREDITS  
 Prereq: TSM 210

3335005 1 MW 8:50-9:40  
 T 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3335010 2 MW 8:50-9:40  
 W 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

3335015 3 MW 8:50-9:40  
 T 3:40-5:30  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

ADV AUTOMA MFG PROC TSM 340 3 CREDITS  
 Prereq: MATH 151; TSM 210; TSM 216; TSM 240  
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY

4522005 1 MW 11:00-11:50  
 W 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4522010 2 MW 11:00-11:50  
 R 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4522015 3 MW 11:00-11:50  
 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4522020 4 MW 11:00-11:50  
 R 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4522025 5 MW 11:00-11:50  
 R 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

4522030 6 MW 11:00-11:50  
 W 3:20-5:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ELEC&CTRL SY AG&IND TSM 363 4 CREDITS  
 Prereq: MATH 145; TSM 210

6831005 1 TR 9:30-10:45  
 M 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6831010 2 TR 9:30-10:45  
 M 3:20-6:10PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6831015 3 TR 9:30-10:45  
 T 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6831020 4 TR 9:30-10:45  
 W 12:05-2:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

6831025 5 TR 9:30-10:45  
 R 12:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

OCCUPATIONAL SAFETY TSM 370 3 CREDITS  
 Prereq: TSM 270; JUNIOR CLASSIFICATION

7282005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO JR & SR ONLY  
 Course delivery is WWW

7282010 2 ARRANGED WRIGHT J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

LEGAL ASPCT OCC SAF TSM 372 2 CREDITS  
 Prereq: TSM 371

5879705 F ARRANGED WRIGHT J  
 MEETS: AUG 21-DEC 15  
 Note: SEC F GPIDEA COURSE: CONTACT GPIDEA COORDINATOR  
 TO ENROLL. IOWASTATEONLINE@IASTATE.EDU  
 OR 800-747-4478  
 Course delivery is WWW  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

5879710 H ARRANGED WRIGHT J  
 MEETS: AUG 21-DEC 15  
 Note: SEC H GPIDEA COURSE: CONTACT GPIDEA COORDINATOR  
 TO ENROLL. IOWASTATEONLINE@IASTATE.EDU  
 OR 800-747-4478  
 Tuition Category: GPIDEA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

5879005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

5879010 2 ARRANGED WRIGHT J  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

FIRE PROTECTN&PREVN TSM 376 3 CREDITS  
 5885700 F ARRANGED KEREN N  
 MEETS: AUG 21-DEC 15  
 Note: CONTACT GP IDEA COORDINATOR FOR STEPS TO  
 ENROLL: EMAIL IOWASTATEONLINE@IASTATE.EDU  
 OR 800-747-4478.  
 Course delivery is WWW  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: <https://www.agonline.iastate.edu/resources/computer-requirements>

5885705 H ARRANGED KEREN N  
 MEETS: AUG 21-DEC 15  
 Note: CONTACT GP IDEA COORDINATOR FOR STEPS TO  
 ENROLL: EMAIL IOWASTATEONLINE@IASTATE.EDU  
 OR 800-747-4478.

## TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

FIRE PROTECTN&PREVN TSM 376 3 CREDITS  
 Tuition Category: GPIDEA Consortium  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: https://www.agonline.iastate.edu/resources/computer-requirements  
 5885005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 5885715 2 ARRANGED KEREN N  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW  
 Cmptr reqmt: https://www.agonline.iastate.edu/resources/computer-requirements

INTRNSHP IN TCHNOL TSM 399 R CREDIT  
 Prereq: AT LEAST 45 CREDITS OF COURSEWORK;  
 AST OR I TEC MAJOR; APPROVAL OF INTERNSHIP  
 COORDINATOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APP PROJ MGT TECHNL TSM 415 2 CREDITS  
 Prereq: SENIOR CLASSIFICATION; TSM 214; CREDIT OR  
 CONCURRENT ENROLLMENT IN TSM 310  
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY  
 6830005 1 F 8:50-9:40, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6830010 2 F 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TECHNOLOGY CAPSTONE TSM 416 3 CREDITS  
 Prereq: TSM 415  
 7031005 1 T 11:00-11:50  
 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7031010 2 W 3:20-4:10, ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRECISION AGRICULTR TSM 433 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 5333005 A1 MW 2:15-3:05  
 R 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333010 A2 MW 2:15-3:05  
 R 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333015 B1 MW 2:15-3:05  
 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333020 B2 MW 2:15-3:05  
 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333025 C1 MW 2:15-3:05  
 R 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333030 C2 MW 2:15-3:05  
 R 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333035 D1 MW 2:15-3:05  
 R 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333040 D2 MW 2:15-3:05  
 R 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333045 E1 MW 2:15-3:05  
 F 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333050 E2 MW 2:15-3:05  
 F 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333055 F1 MW 2:15-3:05  
 F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333060 F2 MW 2:15-3:05  
 F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333065 G1 MW 2:15-3:05  
 F 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5333070 G2 MW 2:15-3:05  
 F 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

CELLULR LEAN MFG SY TSM 440 3 CREDITS  
 Prereq: TSM 310  
 4536005 1 M 3:20-4:10  
 T 3:40-6:30PM  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO AST, I TEC SENIORS ONLY  
 Course delivery is On-site instruction  
 4536010 2 M 3:20-4:10  
 T 12:40-3:25  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO AST, I TEC MAJORS  
 Course delivery is On-site instruction

MATERLS FOR TECHNOL TSM 443 3 CREDITS  
 Prereq: PHYS 131 OR ABOVE; (MATH 145 OR MATH 151)  
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY.  
 6985005 1 MW 1:10-2:00  
 T 12:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 6985010 2 MW 1:10-2:00  
 T 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FACILITY PLANNING TSM 444 3 CREDITS  
 Prereq: (STAT 101 OR STAT 104); TSM 216; TSM 240  
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY  
 4527005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FEED PROCESSG&TECNL TSM 455 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 8452005 1 T 9:30-10:45  
 R 9:30-10:45  
 R 11:00-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

AUTOMATION SYSTEMS TSM 465 3 CREDITS  
 Prereq: TSM 363  
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY  
 7973005 1 MW 12:05-12:55  
 M 3:20-5:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7973010 2 MW 12:05-12:55  
 W 3:20-5:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 7973015 3 MW 12:05-12:55  
 T 9:00-10:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RISK ANALYSIS &MGMT TSM 477 3 CREDITS  
 Prereq: MATH 151; (STAT 101 OR STAT 104)  
 6873005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

INDEP STUDY HONORS TSM 490H 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 DEPARTMENT PERMISSION; INSTRUCTOR PERMISSION  
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS  
 ONLY. NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MANUFACTRG TSM 490I 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 DEPARTMENT PERMISSION; INSTRUCTOR PERMISSION  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY BIOSYS MGT TSM 490J 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 DEPARTMENT PERMISSION; INSTRUCTOR PERMISSION  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.  
 PERMISSION OF DEPARTMENT REQUIRED TO ADD. PROCESS  
 APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES CENTER.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN SYS TSM 490M 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 DEPARTMENT PERMISSION; INSTRUCTOR PERMISSION  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

IND STU OCCUP SAFET TSM 4900 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION;  
 DEPARTMENT PERMISSION; INSTRUCTOR PERMISSION  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WKSHP OCCUPA SAFETY TSM 493D 1- 4 CREDITS  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2022.  
 PERMISSION OF OCCUPATIONAL SAFETY CERTIFICATE  
 ADVISER REQUIRED TO ADD. 493D MUST BE THE LAST  
 COURSE TAKEN TO COMPLETE THE OCCUPATIONAL SAFETY  
 CERTIFICATE.  
 Satisfactory-Fail Only.  
 1344005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: PERMISSION IS REQUIRED TO ENROLL.  
 CONTACT BEN MCCARTY: BMCCARTY@IASTATE.EDU  
 OR 515-294-4087 TO ENROLL.  
 Course delivery is WWW

1344010 2 ARRANGED FREEMAN S  
 MEETS: AUG 21-DEC 15  
 Note: PERMISSION IS REQUIRED TO ENROLL.  
 CONTACT BEN MCCARTY: BMCCARTY@IASTATE.EDU  
 OR 515-294-4087 TO ENROLL.  
 Department permission required.  
 Course delivery is WWW

PRECISION FARM SYST TSM 533 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION

1200005 A1 MW 2:15-3:05  
 R 8:00-9:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1200015 B1 MW 2:15-3:05  
 R 10:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1200025 C1 MW 2:15-3:05  
 R 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1200035 D1 MW 2:15-3:05  
 R 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1200045 E1 MW 2:15-3:05  
 F 7:45-9:35  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1200055 F1 MW 2:15-3:05  
 F 9:55-11:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

1200065 G1 MW 2:15-3:05  
 F 1:10-3:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FEED PROCESSG&TECNL TSM 555 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION

8453005 1 T 9:30-10:45  
 R 9:30-10:45  
 R 11:00-12:20  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SAFTY&PBLCL HLTH ISS TSM 575 2 CREDITS  
 4695005 1 M 3:20-5:10  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

RISK ANALYSIS &MGMT TSM 577 3 CREDITS  
 Prereq: MATH 151; (STAT 101 OR STAT 104)

6878005 1 TR 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPL TP AG&BIOSY MGT TSM 590A 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MACHINE SYS TSM 590B 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC MANUFACTRG TSM 590C 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

SPL TOP OCCUP SAFET TSM 590D 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT TSM 599 1- 3 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR TSM 601 1 CREDIT  
 4583005 1 M 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

TEACHING PRACTICUM TSM 694 1- 3 CREDITS  
 1919005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

TECHNOLGY INTERNSHP TSM 697 R CREDIT  
 Prereq: PERMISSION OF MAJOR PROFESSOR AND  
 APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION  
 Satisfactory-Fail Only.  
 4646005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

RESEARCH TSM 699 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THEATRE

INTR PERFORMNG ARTS THTRE 106 3 CREDITS  
 6729005 1 MWF 9:55-10:45 MURPHY C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

THEATRE AND SOCIETY THTRE 110 3 CREDITS  
 1103005 1 ARRANGED SCHAEFER K  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

ACTOR VOICE&MOVMENT THTRE 151 3 CREDITS  
 6730005 1 TR 11:00-12:15 ANTONE T  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO MAJORS OTHER THAN EL ED  
 Course delivery is On-site instruction

6730010 2 TR 11:00-12:15 ANTONE T  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO EL ED MAJORS ONLY  
 Course delivery is On-site instruction

CONCERT&THTRE DANCE THTRE 224 .5- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 6731005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 OFFERED FOR 1 CREDIT  
 Course delivery is On-site instruction

6731010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 OFFERED FOR 2 CREDITS  
 Course delivery is On-site instruction

TECH THTRE PRACTCUM THTRE 250 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 6732005 1 ARRANGED COEUR W  
 MEETS: AUG 21-DEC 15

ACTING FOUNDATIONS THTRE 251 3 CREDITS  
 6733005 1 MWF 2:15-3:05 ANTONE T  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO MAJORS OTHER THAN EL ED  
 Course delivery is On-site instruction

6733010 2 MWF 1:10-2:00 ANTONE T  
 MEETS: AUG 21-DEC 15  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN EL ED  
 Course delivery is On-site instruction

6733015 3 TR 2:10-3:25 JOHNSON T  
 MEETS: AUG 21-DEC 15  
 Note: SEC 3 RESTRICTED TO MAJORS OTHER THAN EL ED  
 Course delivery is On-site instruction

6733020 4 MWF 2:15-3:05 ANTONE T  
 MEETS: AUG 21-DEC 15  
 Note: SEC 4 RESTRICTED TO EL ED MAJORS ONLY  
 Course delivery is On-site instruction

6733025 5 MWF 1:10-2:00 ANTONE T  
 MEETS: AUG 21-DEC 15  
 Note: SEC 5 RESTRICTED TO EL ED MAJORS ONLY  
 Course delivery is On-site instruction

6733030 6 TR 2:10-3:25 JOHNSON T  
 MEETS: AUG 21-DEC 15  
 Note: SEC 6 RESTRICTED TO EL ED MAJORS ONLY  
 Course delivery is On-site instruction



## THEATRE

(CONTINUED)

INTR THEATRICAL PROD THTRE 255 4 CREDITS  
6734005 1 MWF 11:00-11:50 COEUR W  
M 2:15-5:05 COEUR W  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6734010 2 MWF 11:00-11:50 COEUR W  
T 2:10-5:00 COEUR W  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6734015 3 MWF 11:00-11:50 COEUR W  
W 2:15-5:05 COEUR W  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6734020 4 MWF 11:00-11:50 COEUR W  
F 2:15-5:05 COEUR W  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SCRIPT ANALYSIS THTRE 263 3 CREDITS  
6763005 1 MWF 9:55-10:45 PETEFISH-SCHRAG  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL PROJECTS THTRE 290 1- 3 CREDITS  
Prereq: 3 CREDITS IN THTRE; PERMISSION OF  
INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THTRE PERF PRACTCUM THTRE 301 1- 3 CREDITS  
0563005 1 ARRANGED DELL B  
MEETS: AUG 21-DEC 15  
0563010 2 ARRANGED PETEFISH-SCHRAG  
MEETS: AUG 21-DEC 15

PUPPET DSN&PERFORM THTRE 352 3 CREDITS  
0743005 1 TR 9:30-10:45 PETEFISH-SCHRAG  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MUSIC THTR HIS&PERF THTRE 354 3 CREDITS  
Prereq: THTRE 251 OR PERMISSION OF INSTRUCTOR  
3130005 1 TR 3:40-4:55 MURPHY C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ORAL INTERPRETATION THTRE 358 3 CREDITS  
6740005 1 TR 9:30-10:45 MENEFEE C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

6740010 2 TR 9:30-10:45 ANTONE T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6740015 3 TR 11:00-12:15 MENEFEE C  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

WRKSP:SCENIC PAINTG THTRE 393L 3 CREDITS  
0244005 1 TR 11:00-12:15 SECKFORT B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WRKSP:COSTUM CONST THTRE 393M 3 CREDITS  
0245005 1 MWF 9:55-10:45 SCHAEFER K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DIRECTING THTRE 455 3 CREDITS  
Prereq: (THTRE 255; THTRE 263) OR PERMISSION OF  
INSTRUCTOR  
6747005 1 MW 3:40-4:55 DELL B  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THTR HIST:ANC-19TH THTRE 465 3 CREDITS  
6748005 1 TR 2:10-3:25 PETEFISH-SCHRAG  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV TECH THTR PRACT THTRE 469 1- 3 CREDITS  
Prereq: 9 CREDITS IN THTRE; JUNIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CREDITS  
Prereq: 9 CREDITS IN THTRE; JUNIOR  
CLASSIFICATION; DEPARTMENT PERMISSION  
Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1- 8 CREDITS  
Prereq: 12 CREDITS IN THTRE; DEPARTMENT  
PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## THEATRE

(CONTINUED)

SPECIAL TOPICS THTRE 590 1- 4 CREDITS  
Prereq: APPROVED WRITTEN PROPOSAL  
Note: Permission of department chair required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**TOXICOLOGY**

PRIN OF TOXICOLOGY TOX 401 3 CREDITS  
Prereq: BBMB 404 OR EQUIVALENT  
7562005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FOOD MICROBIOLOGY TOX 420 3 CREDITS  
Prereq: MICRO 201 OR MICRO 302  
6765005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

UNDERGRAD RESEARCH TOX 499 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR IS REQUIRED  
PRIOR TO REGISTRATION  
Note: STUDENTS IN THE PHARMACOLOGY AND TOXICOLOGY  
MINOR MAY APPLY NO MORE THAN 9 CREDITS OF UNIVERSITY-  
WIDE 499 CREDITS TOWARD THE TOTAL OF 120 CREDITS  
REQUIRED FOR GRADUATION  
Satisfactory-Fail Only.  
7417005 1 ARRANGED  
MEETS: AUG 21-DEC 15

PRIN OF TOXICOLOGY TOX 501 3 CREDITS  
Prereq: BBMB 404 OR EQUIVALENT  
6767005 1 TR 2:10-3:25  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

TOXICOLOGY SEMINAR TOX 504 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
7126005 1 T 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

REGULATORY TOXICOLG TOX 515 2 CREDITS  
Prereq: GRADUATE CLASSIFICATION IN THE LIFE OR  
SOCIAL SCIENCES; UNDERGRADUATE WITH PERMISSION OF  
INSTRUCTOR  
4387005 1 R 8:00-9:15, ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CREDITS  
Prereq: D.V.M. DEGREE OR VDPAM 526  
1231005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MTHDS BIostat&EPIDM TOX 565 3 CREDITS  
Prereq: STAT 401 OR STAT 500 OR STAT 587; STAT  
447 OR STAT 543 OR STAT 588  
4103005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS TOX 590 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CURRNT TOPC TOXICOL TOX 689 R CREDIT  
Satisfactory-Fail Only.  
4280005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GRAD RESEARCH ROTAT TOX 697 1-12 CREDITS  
Prereq: ADMISSION TO TOX GRADUATE PROGRAM  
8363005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH TOX 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**TRANSPORTATION**

CREATIVE COMPONENT TRANS 599 1- 3 CREDITS  
Prereq: PRE-ENROLLMENT CONTRACT REQUIRED  
4160005 1 ARRANGED  
MEETS: AUG 21-DEC 15

**U.S. LATINO/A STUDIES**

INTR U.S. LATINO ST US LS 211 3 CREDITS  
Note: Meets U.S. diversity reqmt  
2890005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2890010 2 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2890015 3 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

## U.S. LATINO/A STUDIES

(CONTINUED)

LTNO/AS/X CR JST CM US LS 333X 3 CREDITS  
Prereq: US LS 211 OR C J 240  
4620005 1 TR 2:10-3:25 HARPER S  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR SPAN/ENG TRNSL US LS 351 3 CREDITS  
Prereq: SPAN 303A OR SPAN 303B OR SPAN 304  
Note: Meets international perspectives reqmt  
0881005 1 ARRANGED PARDO-BALLESTER  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

0881010 2 ARRANGED WALDEMER T  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

BILINGUAL&LATIN YTH US LS 420 3 CREDITS  
Prereq: EDUC 405 OR EDUC 406  
Note: Meets U.S. diversity reqmt  
6253005 1 F 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY US LS 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 3 CREDITS IN US LS 490 MAY BE  
APPLIED TOWARDS THE U.S. LATINO/A STUDIES CERTIFICATE  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN US LATINO ST US LS 499 1- 3 CREDITS  
Prereq: US LS 211 AND PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## UNIVERSITY STUDIES

FIRST-YR SMNR I:HIX U ST 101A 1 CREDIT  
Prereq: ACCEPTANCE/PARTICIPATION IN HIXSON  
SCHOLARS PROGRAM  
Satisfactory-Fail Only.  
5662005 1 T 4:10-5:00  
W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5662010 2 T 4:10-5:00  
W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5662015 3 T 4:10-5:00  
W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5662020 4 T 4:10-5:00  
W 2:15-3:05  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5662025 5 T 4:10-5:00  
R 9:30-10:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5662030 6 T 4:10-5:00  
R 9:30-10:20  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5662035 7 T 4:10-5:00  
R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5662040 8 T 4:10-5:00  
R 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FIRST-YR SMNR I:MVP U ST 101B 1 CREDIT  
Prereq: ACCEPTANCE/PARTICIPATION IN MULTICULTURAL  
VISION PROGRAM  
Satisfactory-Fail Only.  
5670005 1 M 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5670010 2 T 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5670015 3 W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5670020 4 R 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FIRST-YR SMNR I:SCI U ST 101C 1 CREDIT  
Prereq: ACCEPTANCE/PARTICIPATION IN SCIENCE  
BOUND PROGRAM  
Satisfactory-Fail Only.  
5706005 1 W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5706010 2 W 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## UNIVERSITY STUDIES

(CONTINUED)

FRST-YR SEM I:ATHLT U ST 101D 1 CREDIT  
Prereq: ACCEPTANCE/PARTICIPATION IN STUDENT  
ATHLETE EXPERIENCE  
Satisfactory-Fail Only.  
5713005 1 M 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5713010 2 M 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5713015 3 T 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

5713020 4 T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CARVER FRSHMN SEMNR U ST 105 1 CREDIT  
Prereq: GEORGE WASHINGTON CARVER SCHOLARSHIP  
RECIPIENT  
Satisfactory-Fail Only.  
2884005 1 M 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2884010 2 T 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2884015 3 R 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

2884020 4 W 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INT'L FIRST YR SMNR U ST 110 1 CREDIT  
Satisfactory-Fail Only.  
8806005 1 M 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8806010 2 M 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8806015 3 W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8806020 4 W 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GWC/MVP SCHOLAR SMN U ST 205 1 CREDIT  
Prereq: U ST 106 OR U ST 102A  
Satisfactory-Fail Only.  
4183005 1 W 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

4183010 2 R 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SCI PRE-PRO SEMINAR U ST 207 1 CREDIT  
Prereq: U ST 102B  
Satisfactory-Fail Only.  
9747005 1 W 4:25-5:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

9747010 2 W 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MCNR:INTRO TO RES I U ST 301 2 CREDITS  
Prereq: ACCEPTANCE IN MCNAIR SCHOLAR PROGRAM  
6475005 1 M 4:25-6:15PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CALM LIFE SKILL SEM U ST 303 1 CREDIT  
Prereq: U ST 101D  
Note: COURSE RESTRICTED TO YR JR, SR, & GRADS ONLY.  
Satisfactory-Fail Only.  
9395005 1 W 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

LEADRS SMNR II:HIXS U ST 312A 1 CREDIT  
Prereq: U ST 311A  
Satisfactory-Fail Only.  
3091005 1 R 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

NCORE:RACE&ETHN U.S U ST 321 3 CREDITS  
Prereq: SELECTION AS AN NCORE STUDENT SCHOLAR  
9295005 1 ARRANGED, R 3:40-5:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## UNIVERSITY STUDIES (CONTINUED)

MCNAIR SR SEMINAR I U ST 401 1 CREDIT  
 Prereq: U ST 301  
 Satisfactory-Fail Only.  
 6491005 1 T 4:10-6:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

**VET DIAGNOSTIC & PRODUCTION AN MED**

AN WLFARE JDG&ASESS VDPAM 365 1 CREDIT  
 7529005 1 R 5:10-7:00PM  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADV DY INF EXPRNC I VDPAM 402B 2 CREDITS  
 Prereq: VDPAM 402A  
 4987005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADV DY INF EXPRC II VDPAM 402C 2 CREDITS  
 Prereq: VDPAM 402A, VDPAM 402B  
 5133005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

ADV DY INFM EXP III VDPAM 402D 2 CREDITS  
 Prereq: VDPAM 402A, VDPAM 402B, VDPAM 402C  
 5162005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

VET PRACTCE MGT&ORG VDPAM 409 2 CREDITS  
 Prereq: CLASSIFICATION IN VET MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 8766005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

BOVIN REPROD EV LAB VDPAM 416 1 CREDIT  
 Prereq: 3RD YEAR CLASSIFICATION IN V MED.  
 10 STUDENTS PER SECTION.  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 5110005 1 M 1:10-5:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction  
 5110010 2 W 1:10-5:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction  
 5110015 3 F 1:10-5:00  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is On-site instruction  
 5110020 4 M 1:10-5:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 5110025 5 W 1:10-5:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction  
 5110030 6 F 1:10-5:00  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is On-site instruction

ADV SWI PRD INFMTCS VDPAM 419 1 CREDIT  
 Prereq: VDPAM 309 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 8709005 1 T 7:00-7:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

PRECP:FD AN EMPHSIS VDPAM 420A 1- 6 CREDITS  
 Prereq: 4TH YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO V MED STUDENTS ONLY  
 9072005 1 ARRANGED

PRECP PRD AN MD:MXD VDPAM 420B 1- 6 CREDITS  
 Prereq: 4TH YEAR CLASSIFICATION IN V MED  
 5207005 1 ARRANGED

PRECP PROD AN:GOVT VDPAM 420C 1- 6 CREDITS  
 Prereq: 4TH YEAR CLASSIFICATION IN V MED  
 5210005 1 ARRANGED

PRECP PRD AN MD:POU VDPAM 420P 1- 6 CREDITS  
 Prereq: 4TH YEAR CLASSIFICATION IN V MED.  
 RECOMMENDED: VDPAM 408 OR VDPAM 498.  
 Note: NO MORE THAN 6 CREDITS IN VDPAM 420P MAY BE  
 APPLIED TOWARD GRADUATION  
 9110005 1 ARRANGED

GPVEEC: FEEDLOT MGT VDPAM 421D 1 CREDIT  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;  
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 4423005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

## VET DIAGNOSTIC &amp; PRODUCTION AN MED (CONTINUED)

GPVEEC:CALF WEANING VDPAM 421E 1 CREDIT  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;  
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 4426005 1 ARRANGED

GPVEEC: PREGNCY EXAM VDPAM 421F 1 CREDIT  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;  
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 4427005 1 ARRANGED

GPVEEC:BOVINE SURGRY VDPAM 421P 1 CREDIT  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;  
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 4570005 1 ARRANGED

GPVEEC:SWINE HUSBDRY VDPAM 421Q 1 CREDIT  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;  
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE  
 9792005 1 ARRANGED

GPVEEC:PREG ULTSOUND VDPAM 421S 1 CREDIT  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;  
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE  
 9791005 1 ARRANGED

GPVEEC:FOOD AN CLNCL VDPAM 421T 1 CREDIT  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;  
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE  
 0313005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

DIAG PATHLGY PRCSHP VDPAM 424 1- 6 CREDITS  
 Prereq: VDPAM 455  
 0247005 1 ARRANGED  
 MEETS: AUG 21-DEC 15

BF RECRD ANLY:INTRO VDPAM 436A 1 CREDIT  
 Prereq: 1ST, 2ND OR 3RD YEAR CLASSIF IN VET MED  
 OR PERMISSION OF INSTRUCTOR  
 4535005 1 R 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: SEC 1 RESTRICTED TO VET MED STUDENTS ONLY  
 Course delivery is On-site instruction  
 4535010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required.  
 Course delivery is On-site instruction

BF RCRDS:PRVNTV MED VDPAM 436C 1 CREDIT  
 Prereq: VDPAM 436A, VDPAM 436B; 2ND OR 3RD YEAR  
 CLASSIFICATION IN VET MED OR PERMISSION OF INSTRUCTOR  
 5262005 1 T 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction  
 5262010 2 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Instructor permission required.  
 Course delivery is On-site instruction

DISTURB OF REPRODUC VDPAM 450 4 CREDITS  
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 Department permission required 1st week.  
 6872005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

CLIN EMBRYO TRANSFR VDPAM 451 2 CREDITS  
 Prereq: VDPAM 351; FOURTH YEAR CLASSIFICATION IN  
 VET MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 4334005 1 MTWRF 8:00-5:00  
 Note: Course delivery is On-site instruction

DIAGNOS LAB PRACTCM VDPAM 455 1 CREDIT  
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN  
 VET MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 6827005 1 MTWRF 8:00-11:50  
 Note: Course delivery is On-site instruction

VET DIAGN LAB MTHDS VDPAM 456 1 CREDIT  
 Prereq: SECOND OR THIRD YEAR CLASSIFICATION IN  
 VETERINARY MEDICINE  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 8703005 1 R 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

FEEDLOT PRODUC MED VDPAM 463 1 CREDIT  
 Prereq: VDPAM 310; CONCURRENT ENROLLMENT IN  
 VDPAM 421D  
 9766005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

## VET DIAGNOSTIC &amp; PRODUCTION AN MED (CONTINUED)

ANIM WELFARE CLINIC VDPAM 465 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
9642005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

AN REPRD:COMPARATIV VDPAM 471C 2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE  
0800005 1 MTWRF 8:00-5:00

AN RE:EQUINE REPROD VDPAM 471E 2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE  
0805005 1 ARRANGED

AN RE:FOOD ANML THR VDPAM 471F 2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE  
0602005 1 ARRANGED

FOOD AN&CAM FLD SRV VDPAM 476 1- 2 CREDITS  
Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY.  
OFFERED FOR 2 CREDITS.  
8725005 1 MTWRFS 8:00-5:00  
Note: Course delivery is On-site instruction

FD ANM&CAM MED&SURG VDPAM 477 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
6909005 1 MTWRFS 8:00-5:00  
Note: Course delivery is On-site instruction

SWINE PRD MG&CONSUL VDPAM 478A 2 CREDITS  
Prereq: VDPAM 310  
0248005 1 ARRANGED

SWINE EMGNCY RSPNS VDPAM 478C 2 CREDITS  
Prereq: VDPAM 310, VDPAM 480  
0251005 1 ARRANGED

SWI PROD MED PRECEP VDPAM 479 1- 6 CREDITS  
Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
5454005 1 ARRANGED  
Note: Course delivery is On-site instruction

SWINE PRODUCTN MED VDPAM 480 2 CREDITS  
Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED OR PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
5572005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

BF PROD MED PRECPTR VDPAM 482 1- 6 CREDITS  
Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
4331005 1 ARRANGED

BEEF PRODUCTION MED VDPAM 483 2 CREDITS  
Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
5562005 1 MTWRF 8:00-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS  
Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATN IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
5431005 1 ARRANGED  
Note: Course delivery is On-site instruction

LVSTK DISEAS PREVNT VDPAM 487 3 CREDITS  
6952005 1 TR 11:00-12:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLINIC MICROBIO LAB VDPAM 488 1 CREDIT  
Prereq: 4TH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
6950005 1 MTWRF 1:10-5:00  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY VDPAM 490 1- 5 CREDITS  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV RUMINANT NUTRIT VDPAM 491 2 CREDITS  
Prereq: VDPAM 350 IS RECOMMENDED  
3991005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## VET DIAGNOSTIC &amp; PRODUCTION AN MED (CONTINUED)

ADV SM RUMN PROD MD VDPAM 495 2 CREDITS  
Prereq: VDPAM 486, FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE, OR PERMISSION OF INSTRUCTOR  
9309005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS  
Prereq: 2ND, 3RD OR 4TH YR CLASSIFICATN IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
7848005 1 ARRANGED

EPIDEM MTH POP RSCH VDPAM 529 3 CREDITS  
Prereq: STAT 587, VDPAM 528  
7692005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is Hybrid (Online and F2F)

INTR PROTEOMCS TCNQ VDPAM 542E 1 CREDIT  
Satisfactory-Fail Only.  
7412005 1 TR 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR METABLMCS TCNQ VDPAM 542F 1 CREDIT  
Satisfactory-Fail Only.  
9033005 1 M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS  
Prereq: D.V.M. DEGREE OR VDPAM 526  
7676005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADV VET DIAGNS PATH VDPAM 551 1- 3 CREDITS  
Prereq: VDPAM 455, V PTH 570, V PTH 571  
4233005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS VDPAM 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP VDPAM 596 1-12 CREDITS  
Prereq: ADMISSION TO GRADUATE COLLEGE  
7868005 1 ARRANGED  
MEETS: AUG 21-DEC 15

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS  
Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SWINE DIAGNOSTC MED VDPAM 650 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
6907005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH VDPAM 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**VETERINARY CLINICAL SCIENCES**

VET IN SOCIETY I V C S 311 R CREDIT  
Prereq: VET MED CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
6002005 1 W 3:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

VET IN SOCIETY III V C S 313 1 CREDIT  
Prereq: VET MED CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
Satisfactory-Fail Only.  
6064005 1 T 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

VET IN SOCIETY IV V C S 314 1 CREDIT  
Prereq: VET MED CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
6066005 1 M 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLINICL FOUNDATNS I V C S 339 1 CREDIT  
Prereq: FIRST-YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
8079005 1 W 9:50-11:00  
R 9:50-11:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8079010 2 W 9:50-11:00  
R 10:50-12:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8079015 3 W 9:50-11:00  
T 9:50-11:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## VETERINARY CLINICAL SCIENCES (CONTINUED)

CLINICL FOUNDATNS I V C S 339 1 CREDIT  
8079020 4 W 9:50-11:00  
T 10:50-12:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8079025 5 W 9:50-11:00  
T 8:50-10:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

8079030 6 W 9:50-11:00  
R 8:50-10:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GRAND ROUNDS V C S 385 R CREDIT  
Prereq: VET MED CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
Satisfactory-Fail Only.

7446005 1 F 8:00-8:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLINICAL IMAGING I V C S 391 1 CREDIT  
Prereq: VET MED CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
Instructor permission required 1st week.

6868005 1 W 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6868010 2 F 2:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PRINCIP OF SURGERY V C S 393 3 CREDITS  
Prereq: VET MED CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

6869005 1 M 11:00-11:50  
T 10:00-10:50  
T 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

6869010 2 M 11:00-11:50  
T 10:00-10:50  
T 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLINICL CARDIOLGY I V C S 402 1 CREDIT  
Prereq: VET MED 3 OR 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

6871050 1 TR 12:10-1:00  
MEETS: OCT 16-DEC 15  
Note: Course delivery is On-site instruction

ONCOLOGY V C S 409 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

9213005 1 MTWRF 8:00-5:00

PRCEP COM AN/EQ VMP V C S 419 2- 6 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
0590005 1 MTWRF 8:00-5:00  
Note: Permission of instructor required. Process  
Approved add slip in 2270A Vet Med.  
Course delivery is On-site instruction

PRACTICUM V C S 420 R CREDIT  
Prereq: VET MED 4 CLASSIFICATION  
Satisfactory-Fail Only.

4548005 1 MTWRF 8:00-5:00

ZOO PRECEPTORSHIP V C S 423 2-12 CREDITS  
Prereq: (V C S 405 OR V C S 406); PERMISSION OF  
INSTRUCTOR

0536005 1 MTWRF 8:00-5:00

SM ANIM INTERNL MED V C S 436 3 CREDITS  
Prereq: VET MED 3 CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

3915005 1 W 9:00-10:40  
R 10:00-10:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SM ANIML SHELTR MED V C S 437 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION

7944005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

CANINE REHABILITATN V C S 441 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

9232005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

## VETERINARY CLINICAL SCIENCES (CONTINUED)

SMALL ANIMAL MED V C S 444 4 CREDITS  
Prereq: VET MED CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
Instructor permission required 1st week.

6883005 1 W 9:00-9:50  
F 9:00-9:50  
TR 9:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

EQUINE MEDICINE V C S 445 2 CREDITS  
Prereq: VET MED CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

6884005 1 T 1:10-2:00  
R 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLINICAL NEUROLOGY V C S 446 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS

5112005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

EQUINE DIAGNOS SKIL V C S 447 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

9171005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

TRADITIONL SURG LAB V C S 449B 3 CREDITS  
Prereq: VET MED CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
Department permission required 1st week.

7662005 1 W 11:00-11:50  
M 1:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7662010 2 W 11:00-11:50  
W 1:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

7662015 3 W 11:00-11:50  
F 1:10-6:00PM  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLINICL DERMATOLOGY V C S 452 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY

1931005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

SMALL ANIMAL MED I V C S 453 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS

6889005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

SM AN SOFT TISS SUR V C S 455 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS

6891005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

SM AN ORTHOPED SURG V C S 456 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS

6892005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

EQUINE MEDICINE V C S 457 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS

6893005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

EQUINE SURGERY V C S 458 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS

6894005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS

4050005 1 ARRANGED  
Note: Course delivery is On-site instruction

SM AN OVERPOP K.C. V C S 459C 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS

4313005 1 ARRANGED  
Note: Course delivery is On-site instruction

## VETERINARY CLINICAL SCIENCES (CONTINUED)

SM AN OVERPOP BOULD V C S 459D 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE TRAVELING TO BOULDER, CO  
6542005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SM AN OVERPOP ASHVL V C S 459E 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE TRAVELING TO NORTH CAROLINA  
6640005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RADIOLOGY V C S 460 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6896005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

PRIMARY CARE V C S 463 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
2322005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

EQUINE FIELD SERVIC V C S 464 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
4247005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

FARRIER V C S 465 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
7756005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

VET ANESTHESIOLOGY V C S 466 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6898005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

INTENSIVE CARE V C S 468 4 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6900005 1 ARRANGED  
Note: Course delivery is On-site instruction

OPHTHALMOLOGY V C S 469 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6901005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

VET CARDIOLGY ROTAT V C S 475 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: Department permission required.  
9128005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

EQUINE ANESTHESIOLOGY V C S 476E 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.  
7136005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

SM ANIML ANESTHESIO V C S 476S 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.  
7145005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

INTENSV&CRITCL CARE V C S 478 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS ONLY  
9816005 1 MTWRF 8:00-5:00  
Note: Course delivery is On-site instruction

VETERINRY DENTISTRY V C S 480 1 CREDIT  
Prereq: VET MED 3 OR 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
Satisfactory-Fail Only.  
2247005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY V C S 490 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRAND RNDS PRESENTN V C S 495 R CREDIT  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
Satisfactory-Fail Only.  
6914005 1 F 8:00-8:50  
Note: Course delivery is On-site instruction

## VETERINARY CLINICAL SCIENCES (CONTINUED)

INT'L PRECEPTORSHIP V C S 496 1-12 CREDITS  
Prereq: VET MED CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
Satisfactory-Fail Only.  
6094005 1 ARRANGED  
MEETS: AUG 21-DEC 15

SPL TOPICS MEDICINE V C S 590A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR V C S 604 1 CREDIT  
6921005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED RADIOLOGY V C S 640 2 CREDITS  
Prereq: V C S 448  
6922005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED MEDICINE V C S 676 2 CREDITS  
Prereq: V C S 445  
6927005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ADVANCED MEDICINE V C S 677 2 CREDITS  
Prereq: V C S 445  
6928005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RESEARCH MEDICINE V C S 699A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: CARDIOLOGY V C S 699G VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**VETERINARY MICROBIOLOGY & PREV MED**

GLOBAL HEALTH V MPM 360 3 CREDITS  
Prereq: BIOL 211  
Note: Meets international perspectives reqmt  
0524005 1 TR 4:10-5:25 DAVIS R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

VETNRY MICROBIOLOGY V MPM 386 5 CREDITS  
Prereq: VET MED CLASSIFICATION  
Note: COURSE RESTRICTED TO FIRST-YEAR THROUGH  
FOURTH-YEAR VET MED STUDENTS ONLY  
6942005 1 MW 9:00-9:50 GRIFFITH R  
MW 1:00-3:00 GRIFFITH R  
F 8:00-8:50 GRIFFITH R  
F 9:00-10:00 GRIFFITH R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6942010 2 MW 9:00-9:50 GRIFFITH R  
MW 3:00-5:00 GRIFFITH R  
F 8:00-8:50 GRIFFITH R  
F 10:00-10:50 GRIFFITH R  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO RSRCH CAREER V MPM 450X 1 CREDIT  
Prereq: JUNIOR CLASSIFICATION OR HIGHER  
Satisfactory-Fail Only.  
3112005 1 ARRANGED MILLER C  
MEETS: AUG 21-OCT 13  
Note: Course delivery is Hybrid (Online and F2F)

PUBLIC HEALTH LAB V MPM 486 2 CREDITS  
Prereq: VET MED 4 CLASSIFICATION  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
6951005 1 MWF 2:10-5:00 DAVIS R  
TR 2:10-5:00 DAVIS R  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY V MPM 490 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CDC EPIDEM PRECEPTR V MPM 491 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
1885005 1 ARRANGED DAVIS R  
MEETS: AUG 21-DEC 15

## VETERINARY MICROBIOLOGY &amp; PREV MED (CONTINUED)

BASIC PRIN MICROBIO V MPM 501 3 CREDITS  
Prereq: MASTER OF SCIENCE IN BIOMEDICAL SCIENCES  
(ONE-YEAR, NON-THESIS) OR PERMISSION OF INSTRUCTOR  
9215005 1 TR 1:10-2:00 BROWN G  
F 1:10-2:00 BROWN G  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO B M S 1ST YEAR GRADS  
Course delivery is On-site instruction

GUT MICROBIOME:HLTH V MPM 517 3 CREDITS  
Prereq: 2-3 CREDITS IN MICROBIOLOGY AND/OR IMMUNOLOGY  
7737005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

IMMUNOLOGY PRNCPLES V MPM 520 3 CREDITS  
Prereq: MICRO 310 OR PERMISSION OF INSTRUCTOR  
Note: CREDIT FOR EITHER V MPM 520 OR MICRO/V MPM 575,  
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
6955005 1 TR 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR PROTEOMCS TCNQ V MPM 542E 1 CREDIT  
Satisfactory-Fail Only.  
9678005 1 TR 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTR METABLMCS TCNQ V MPM 542F 1 CREDIT  
Satisfactory-Fail Only.  
9680005 1 M 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO RSRCH CAREER V MPM 550X 1 CREDIT  
Prereq: JUNIOR CLASSIFICATION OR HIGHER  
Satisfactory-Fail Only.  
3175005 1 ARRANGED  
MEETS: AUG 21-OCT 13  
Note: Course delivery is Hybrid (Online and F2F)

MEDICL BACTERIOLOGY V MPM 586 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
9271005 1 MWF 9:00-9:50  
R 12:10-1:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MED BACTERIOLOGY LAB V MPM 586L 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
7378005 1 MWF 1:10-2:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS V MPM 590 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V MPM 599 VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR V MPM 604 1 CREDIT  
Satisfactory-Fail Only.  
6770005 1 R 4:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MOLECULAR IMMUNOLGY V MPM 615 3 CREDITS  
Prereq: BBMB 405 OR 502  
6773005 1 W 1:10-4:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CURR TOPICS IMMUNOL V MPM 690A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CURR TOP INFECT DIS V MPM 690B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2022  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH V MPM 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**VETERINARY PATHOLOGY**

ANATOMIC PATHOLG II V PTH 372 4 CREDITS  
Prereq: V PTH 342  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
5748005 1 MWR 10:00-10:50 FALES-WILLIAMS A  
MW 1:10-3:00 FALES-WILLIAMS A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
5748010 2 MWR 10:00-10:50  
MW 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## VETERINARY PATHOLOGY (CONTINUED)

VET PARASITOLOGY V PTH 376 4 CREDITS  
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
6999005 1 TWR 11:00-11:50  
TR 1:10-3:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
6999010 2 TWR 11:00-11:50  
TR 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CASE STUDY III V PTH 377 2 CREDITS  
Prereq: 2ND-YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
6956005 1 T 8:00-8:50  
R 8:00-9:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INTRO TO PATHOLOGY V PTH 402 3 CREDITS  
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L  
9538005 1 ARRANGED SMITH J  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

NECROPSY LAB PRACTM V PTH 456 1 CREDIT  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
7007005 1 MTWRF 1:10-5:00 FASINA O  
S 10:00-11:50 FASINA O  
Note: Course delivery is On-site instruction

CLIN PATH LAB PRACT V PTH 457 1 CREDIT  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
7008005 1 MTWRF 9:00-11:50 MORTON M  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY V PTH 490 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TEACH&LRN VET MD ED V PTH 530 3 CREDITS  
7482005 1 R 2:30-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS  
Prereq: V PTH 376 OR V PTH 57  
9668005 1 ARRANGED BREWER M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT  
Prereq: V PTH 457, PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
7037005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Instructor permission required.  
Course delivery is On-site instruction

SURGICAL PATHOL LAB V PTH 550 1- 3 CREDITS  
Prereq: V PTH 570 OR V PTH 571, PERMISSION OF  
INSTRUCTOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
7479005 1 ARRANGED FASINA O  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

POSTMORT PATHOL LAB V PTH 551 1- 3 CREDITS  
Prereq: V PTH 542, PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
7038005 1 MTWRF 1:10-5:00  
S 10:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SYSTEMIC PATHOLGY I V PTH 570 4 CREDITS  
Prereq: GRADUATE CLASSIFICATION; V PTH 372 OR  
PERMISSION OF INSTRUCTOR  
7020005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ANATOMIC PATHOLG II V PTH 572 4 CREDITS  
0679005 1 MWR 10:00-10:50 FALES-WILLIAMS A  
MW 1:10-3:00 YAEGER M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0679010 2 MWR 10:00-10:50  
MW 3:10-5:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

VETERINARY PATHOLOGY

(CONTINUED)

WISE

VET PARASITOLOGY V PTH 576 4 CREDITS  
 Prereq: GRAD CLASSIFICATION, V PTH 542  
 9012005 1 TWR 11:00-11:50 BREWER M  
 TR 1:10-3:00 BREWER M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

9012010 2 TWR 11:00-11:50 BREWER M  
 TR 3:10-5:00 BREWER M  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

SPL TOPC VET PATHOL V PTH 590A 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 590B 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP VET CLIN PTH V PTH 590D 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS V PTH 590E 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PATHOL V PTH 599A VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASI V PTH 599B VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP V CLIN PTH V PTH 599D VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PATHOL CASE SEMINAR V PTH 604 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 7027005 1 R 12:10-1:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

CURR TOPICS SEMINAR V PTH 605 1 CREDIT  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 7029005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DIAG INTERP V PARAS V PTH 606B R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 7030005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DIAG INTERP VET TOX V PTH 606C R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 5787005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

DIAG INTERP CLINPTH V PTH 606D R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 9694005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

VET PATHOLOGY RSRCH V PTH 699A VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLGY RES V PTH 699B VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

STEM:FDTN DEV WOMEN WISE 201 3 CREDITS  
 0982005 1 T 2:10-3:25  
 R 2:10-3:25  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WOMEN IN SCI & ENGR WISE 307 3 CREDITS  
 Prereq: A 200-LEVEL COURSE IN SCIENCE OR ENGR OR  
 WOMEN'S STUDIES; ENGL 250  
 0874005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WISE-LIFE AFTR GRAD WISE 401X 1 CREDIT  
 Satisfactory-Fail Only.  
 4883005 1 W 3:10-5:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WOMEN'S AND GENDER STUDIES

INTRO WOMN&GNDR STU WGS 201 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 7058005 1 M 9:55-10:45 STOHR A  
 WF 8:50-9:40  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7058010 2 M 9:55-10:45 STOHR A  
 WF 9:55-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7058015 3 M 9:55-10:45 STOHR A  
 WF 11:00-11:50  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7058020 4 M 9:55-10:45 STOHR A  
 WF 12:05-12:55  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7058025 5 M 9:55-10:45 STOHR A  
 WF 1:10-2:00  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7058030 6 M 9:55-10:45 STOHR A  
 WF 2:15-3:05  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

7058035 7 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW

7058040 8 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW

7058045 9 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

7058050 10 ARRANGED  
 MEETS: AUG 21-OCT 13  
 Note: Course delivery is WWW

7058055 11 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW

7058060 12 ARRANGED  
 MEETS: OCT 16-DEC 15  
 Note: Course delivery is WWW

INTRO LESBIAN COMMU WGS 203 3 CREDITS  
 2184005 1 TR 12:40-1:55 COLLIER C  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

GNDR&SXL AM POP CUL WGS 210 3 CREDITS  
 9809005 1 TR 2:10-3:25 STOHR A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WOMEN & GENDER INT'L WGS 301 3 CREDITS  
 Prereq: WGS 201 OR 3 CREDITS IN WGS AT  
 300 LEVEL OR ABOVE  
 Note: Meets international perspectives reqmt  
 7060005 1 ARRANGED OBERHAUSER A  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is WWW

WOMEN IN SCI & ENGR WGS 307 3 CREDITS  
 Prereq: A 200-LEVEL COURSE IN SCIENCE OR ENGR OR  
 WOMEN'S STUDIES; ENGL 250  
 1111005 1 TR 9:30-10:45  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction

WIND ENERGY SCIENCE, ENGINEERING AND POL

WIND ENRGY RES SMNR WESEP 594 1 CREDIT  
 Prereq: GRADUATE STANDING  
 9662005 1 ARRANGED  
 MEETS: AUG 21-DEC 15  
 Note: Course delivery is On-site instruction



## WOMEN'S AND GENDER STUDIES (CONTINUED)

WRITE LIKE A WOMAN WGS 308 3 CREDITS  
Prereq: ENGL 250  
Note: COURSE NOT OPEN TO FRESHMEN  
8493005 1 TR 11:00-12:15  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

ECOFEMINISM WGS 320 3 CREDITS  
Prereq: WGS 201 OR 3 CREDITS IN WGS AT THE  
300 LEVEL OR ABOVE  
6268005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ECON OF DISCRIMINAT WGS 321 3 CREDITS  
Prereq: ECON 101  
7070005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

GENDER & COMMUNICTN WGS 323 3 CREDITS  
Note: Meets U.S. diversity reqmt  
3533005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

GNDR&SEXUL IN SOCIE WGS 327 3 CREDITS  
Prereq: SOC 134  
Note: SEC A1,B1 RESTRICTED TO AGRPS, C J, SOC,  
WGS. SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN  
AGRPS, C J, SOC, WGS.  
7061005 A1 MWF 1:10-2:00 STOEHR A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7061010 A2 MWF 1:10-2:00 STOEHR A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

MASCULINIT & MANHOOD WGS 328 3 CREDITS  
Prereq: SOC 134 OR W S 201/WGS 201  
5672005 1 TR 9:30-10:45 DENTZMAN K  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WOMN,GNDR&LEADERSHP WGS 333 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: Meets U.S. diversity reqmt  
7481005 1 TR 9:30-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WOMEN & LIT TOPICS WGS 345 3 CREDITS  
Prereq: ENGL 250  
Note: SEC A1 RESTRICTED TO ENGL, TCOMM.  
SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM  
7063005 A1 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
7063010 A2 TR 12:40-1:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

PSYCHOLOGY OF WOMEN WGS 346 3 CREDITS  
Prereq: PSYCH 101; 1 ADDITIONAL PSYCH COURSE  
7064005 A1 TR 12:40-1:55 SCHEEL K  
MEETS: AUG 21-DEC 15  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
Course delivery is On-site instruction  
7064010 A2 TR 12:40-1:55 SCHEEL K  
MEETS: AUG 21-DEC 15  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
Course delivery is On-site instruction

FR STU IN ENGL:GNDR WGS 370F 3 CREDITS  
Note: Meets international perspectives reqmt  
6727005 1 MWF 1:10-2:00 SCHAAL M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RUS STU IN ENGL:WMN WGS 370R 3 CREDITS  
Note: Meets international perspectives reqmt  
6794005 1 ARRANGED MESROPOVA O  
MEETS: OCT 16-DEC 15  
Note: SEC 1 TOPIC: WOMEN'S VOICES IN RUSSIA  
Course delivery is WWW

SX,CLTR ANC MEDITRR WGS 374 3 CREDITS  
Note: Meets international perspectives reqmt  
2256005 1 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

FEMINIST THEORIES WGS 401 3 CREDITS  
Prereq: WGS 201 OR 3 CREDITS IN WGS AT 300-LEVEL  
OR ABOVE  
Note: Meets U.S. diversity reqmt  
Department permission required 1st week.  
7069005 1 M 3:20-6:10PM SCHAAL M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## WOMEN'S AND GENDER STUDIES (CONTINUED)

HUMAN TRAFFICKING WGS 410 3 CREDITS  
Prereq: WGS 201 OR 3 CREDITS IN WGS OR W S AT THE  
300 LEVEL OR ABOVE  
0758005 1 TR 3:40-4:55 STOEHR A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

INDEPENDENT STUDY WGS 490 1- 3 CREDITS  
Prereq: ANY TWO COURSES IN WGS  
Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE  
APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP WGS 491 1- 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WOMEN/GENDER IN ART WGS 494 3 CREDITS  
Note: Instructor permission required 1st week.  
1271005 1 TR 2:10-3:30  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SENIOR THESIS WGS 499 3 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CNTMP FEMINST THEOR WGS 501 3 CREDITS  
4873005 1 M 3:20-6:10PM SCHAAL M  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

HUMAN TRAFFICKING WGS 510 3 CREDITS  
Prereq: WGS 201 OR 3 CREDITS IN WGS OR W S AT THE  
300 LEVEL OR ABOVE  
0759005 1 TR 3:40-4:55 STOEHR A  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

SPECIAL TOPICS WGS 590 VAR. CREDITS  
Prereq: PERMISSION OF WOMEN'S AND GENDER STUDIES  
PROGRAM DIRECTOR  
Note: Department permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## WORLD FILM STUDIES

INTRO GLOBAL FILM W F S 278 3 CREDITS  
Note: Meets international perspectives reqmt  
0611005 1 ARRANGED  
MEETS: OCT 16-DEC 15  
Note: Course delivery is WWW

## WORLD LANGUAGES AND CULTURES

INTRO WORLD LANGUAG WLC 119 3 CREDITS  
Note: Meets international perspectives reqmt  
5865005 1 MWF 3:20-4:10  
MEETS: AUG 21-DEC 15  
Note: SEC 1 RESTRICTED TO LING MAJORS ONLY  
Course delivery is On-site instruction  
5865010 2 MWF 3:20-4:10  
ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

WORLD RELIGIONS WLC 205 3 CREDITS  
Note: Meets international perspectives reqmt  
0605005 1 MWF 1:10-2:00  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0605010 2 TR 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0605015 3 MWF 8:50-9:40  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0605020 4 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction  
0605025 5 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
0605030 6 MWF 9:55-10:45  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

RELIGIONS OF INDIA WLC 352 3 CREDITS  
Prereq: ENGL 250 OR PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
0606005 1 MWF 11:00-11:50  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

## WORLD LANGUAGES AND CULTURES (CONTINUED)

QURAN WLC 359 3 CREDITS  
Prereq: ENGL 250 OR PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
0398005 1 MWF 12:05-12:55  
MEETS: AUG 21-DEC 15  
Note: Course delivery is On-site instruction

THE ARABIAN NIGHTS WLC 371X 3 CREDITS  
Note: Meets international perspectives reqmt  
2274005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

STDT TCH WORLD LANG WLC 417G VAR. CREDITS  
Prereq: MINIMUM GPA OF 2.5; ADMITTED TO EDUCATOR  
PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING  
SEMESTER BEFORE STUDENT TEACHING  
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION  
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
8139005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
8139010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
8139015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
8139020 2R ARRANGED  
MEETS: OCT 16-DEC 15

STDT TCH WORLD LANG WLC 517G VAR. CREDITS  
Prereq: MINIMUM GPA OF 2.5; ADMITTED TO EDUCATOR  
PREPARATION PROGRAM, APPROVAL OF COORDINATOR DURING  
SEMESTER BEFORE STUDENT TEACHING  
8617005 1A ARRANGED  
MEETS: AUG 21-OCT 13  
8617010 1R ARRANGED  
MEETS: AUG 21-OCT 13  
8617015 2A ARRANGED  
MEETS: OCT 16-DEC 15  
8617020 2R ARRANGED  
MEETS: OCT 16-DEC 15

## YOUTH

FOUND POSIT YTH DEV YTH 502 3 CREDITS  
1865700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
Tuition Category: GPIDEA Consortium

ADOLESES&THEIR FAMILI YTH 510 3 CREDITS  
7294700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

YTH PRO CNSMRS RSCH YTH 540 3 CREDITS  
7258700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

YOUTH POLICY YTH 550 3 CREDITS  
7740700 G ARRANGED  
MEETS: AUG 28-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS.  
EMAIL GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL  
ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

YTH-ADULT RELATNSHP YTH 560 3 CREDITS  
0827700 F ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
0827705 H ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium  
0827005 1 ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW

ISS:ADOL SE&PRE&PAR YTH 570J 3 CREDITS  
1856700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: Course delivery is WWW  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

## YOUTH (CONTINUED)

PERSONNEL&PROG MGT YTH 580 3 CREDITS  
7210700 G ARRANGED  
MEETS: AUG 28-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS.  
EMAIL GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL  
ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

DSGN&EVAL YTH PROG YTH 585 3 CREDITS  
7310700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

CREATIVE COMPONENT YTH 599 VAR. CREDITS  
2118700 F ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC F RESTRICTED TO GPIDEA STUDENTS  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

YOUTH DEVELOPMENT YTH 634 3 CREDITS  
7185700 G ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC G RESTRICTED TO GPIDEA STUDENTS. EMAIL  
GPIDEAINFO@IASTATE.EDU ABOUT POTENTIAL ENROLLMENT  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

INTERNSHIP YTH 691 VAR. CREDITS  
2370700 F ARRANGED  
MEETS: AUG 21-DEC 15  
Note: SEC F RESTRICTED TO GPIDEA STUDENTS  
Tuition Category: GPIDEA Consortium  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium