

# Fall Semester 2018

Classes Begin	August 20
University Holiday	September 3
Thanksgiving Break	November 19-23
Final Exams	December 9-14
University Commencement	December 15

## Registration Start Dates for Fall 2018

Veterinary Medicine students:	Monday, March 19
Graduate students:	Monday, March 19 - Wednesday, March 21
All seniors:	Tuesday, March 20 - Monday, March 26
Projected juniors:	Tuesday, March 27 - Monday, April 2
Projected sophomores:	Tuesday, April 3 - Monday, April 9
Continuing freshmen:	Tuesday, April 10 - Monday, April 16

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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75	Communication Studies (COMST)	140	Human Development & Family Studies (HD FS)	206	Statistics (STAT)
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80	Computer Science (COM S)	144	Industrial Design (IND D)	210	Sustainable Environments (SUS E)
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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, 294-2331.

## Fee Payment Deadlines

Fee payment deadlines for Fall 2018 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 2018

Refer to page 1 for registration start dates.

## Room Assignments

Room assignments will be show on their AccessPlus class schedule on Saturday, 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 24. For additional schedule change deadlines and information go to the ISU index under Schedule Changes.

## Student Answer Center

Have a question and not sure where to go for the answer? Contact the Student Answer Center, Ground Floor, Beardshear. The Answer Center is open, Monday-Friday, 8 a.m.-5 p.m. or e-mail: [answercenter@iastate.edu](mailto:answercenter@iastate.edu).

# University Calendar Fall 2018

July 20, Fri.	<ul style="list-style-type: none"> <li>• Beginning Class lists available on AccessPlus</li> </ul>		
Aug. 1, Wed.	<ul style="list-style-type: none"> <li>• University bills with Fall 2018 tuition and fees charges available on AccessPlus.</li> </ul>		
Aug. 17, Fri.	<ul style="list-style-type: none"> <li>• Last day to initiate registration in person without a late registration fee in the Registrar's Scheduling &amp; Fees Office, 10 Enrollment Services Center by 5 p.m. Registration may be initiated using AccessPlus until 11 p.m. Aug 19, without a late registration fee.</li> </ul>		
Aug. 19, Sun.	<ul style="list-style-type: none"> <li>• Last day to initiate registration through AccessPlus without a late registration fee. Registration must be completed by 11 p.m.</li> <li>• Last day to cancel registration on AccessPlus for fall to avoid tuition assessment. All courses must be dropped on AccessPlus by 11 p.m.</li> </ul>	Sept. 3, Mon.	<ul style="list-style-type: none"> <li>• Last day to elect to audit a course for fall. The instructor of the course must approve an audit.</li> <li>• Last day to receive a tuition and fee adjustment for full-semester courses when dropping below full-time status. No refunds for full-semester courses after day 10 of the semester.</li> <li>• Last day to change degree audit information for fall semester.</li> </ul>
Aug. 20, Mon.	<ul style="list-style-type: none"> <li>• Fee payment deadline for fall. First payment (minimum due) or payment in full.</li> <li>• Class work begins.</li> <li>• Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center.</li> </ul>	Sept. 20, Thurs.	<ul style="list-style-type: none"> <li>• University holiday—offices closed, classes recessed.</li> <li>• Fee payment deadline for fall semester. Second payment (minimum due).</li> <li>• Last day to add/drop a first half-semester course without extenuating circumstances.</li> <li>• Last day to change a first half-semester course to or from Pass/Not Pass.</li> </ul>
Aug. 24, Fri.	<ul style="list-style-type: none"> <li>• Last day to initiate registration through AccessPlus. A late registration fee applies.</li> <li>• Last day to process most schedule changes without signatures of instructor and adviser (full-semester courses) and first half-semester courses). See the tuition adjustment schedule for financial deadlines.</li> <li>• Last day to drop full-semester or first half-semester courses without the drop appearing on the permanent record or counting toward the limit of dropped courses.</li> <li>• Last day to process a schedule change for fall through AccessPlus registration.</li> <li>• Last day to change a course from audit to credit basis.</li> <li>• Graduate College applications for graduation for Fall 2018 are due in the Graduate College, 1137 Pearson Hall.</li> </ul>	Sept. 21, Fri.	<ul style="list-style-type: none"> <li>• Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat.</li> <li>• Schedule of Classes for Spring 2019 available for viewing on the Web at <a href="http://classes.iastate.edu/">http://classes.iastate.edu/</a></li> <li>• Advising period for Spring 2019 registration begins.</li> <li>• Midterm grade reports due from all departments (Blackboard, WebCT and AccessPlus)</li> <li>• First half-semester courses end.</li> <li>• Second half-semester courses begin.</li> <li>• Registration period for Spring 2019 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.</li> <li>• First day of assigned Spring 2019 registration dates for students in the College of Veterinary Medicine and students in the Graduate College. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.</li> <li>• Seniors graduating Spring 2019 should submit a Graduation Application to the Registrar's Graduation Office, 210 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar's Graduation Office, 210 Enrollment Services Center.</li> </ul>
Aug. 26, Sat.	<ul style="list-style-type: none"> <li>• Last day to return textbooks for refund to University Book Store. Exclusions apply. See <a href="http://www.isubookstore.com">www.isubookstore.com</a> for details.</li> </ul>	Sept. 29, Sat.	
Aug 31, Fri.	<ul style="list-style-type: none"> <li>• Last day to change a full-semester or first half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation.</li> </ul>	Oct. 1 Mon.	
		Oct. 12, Fri.	
		Oct. 15 Mon.	
		Oct. 17, Wed.	

# University Calendar Fall 2018

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| <p>Oct. 19, Fri.</p> <p>Oct. 20, Sat.</p> <p>Oct. 25, Thurs..</p> <p>Oct. 26, Fri.</p> <p>Oct. 29, Mon.</p> <p>Oct. 31, Wed.</p> <p>Nov. 1, Thurs.</p> | <ul style="list-style-type: none"> <li>• Last day to process most schedule changes in a second half-semester course without signatures of instructor and adviser. See the tuition adjustment schedule for financial deadlines.</li> <li>• Last day to drop a second half-semester course without the drop appearing on the permanent record or counting toward the limit of dropped courses.</li> <li>• Last day to change a second half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/ NP credits used for graduation.</li> <li>• Fee payment deadline for fall. Final payment due.</li> <li>• First day of assigned Spring 2019 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.</li> <li>• First day of assigned Spring 2019 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.</li> <li>• Last day to add/drop full-semester courses without extenuating circumstances.</li> <li>• Last day to file a Designation of Repeated Course form for a full-semester or secondhalf-semester course that is not an automatic designated repeat.</li> <li>• Preliminary Spring 2019 room assignments distributed</li> <li>• Graduate College: last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee.</li> <li>• First day of assigned Spring 2019 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.</li> </ul> | <p>Nov. 8, Thurs.</p> <p>Nov. 16, Fri.</p> <p>Nov. 19-23 Mon.—Fri.</p> <p>Nov. 22-23 Thurs.—Fri.</p> <p>Nov. 29, Thurs.</p> <p>Dec. 1, Sat.</p> <p>Dec. 6, Thurs.</p> <p>Dec. 10-14 Mon.—Fri.<br/>Dec. 14, Fri.</p> <p>Dec. 15, Sat.<br/>Dec. 19, Wed.</p> <p>Dec. 20, Thurs.</p> <p>Dec. 24-25 Fri-Mon.</p> | <ul style="list-style-type: none"> <li>• First day of assigned Spring 2019 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.</li> <li>• Last day to add/drop a second half-semester course without extenuating circumstances.</li> <li>• Last day to change a second half-semester course to or from Pass/ Not Pass.</li> <li>• Thanksgiving break, classes recessed.</li> <li>• University holidays—offices closed.</li> <li>• Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation.</li> <li>• Graduate College: last day for final oral examinations.</li> <li>• Graduate College: last day for final submission of graduate student graduation approval slip.</li> <li>• Graduate College: last day to submit final electronic thesis/ dissertation copy for Thesis Office review.</li> <li>• Spring 2019 room assignments for courses displayed in the online Schedule of Classes.</li> <li>• End of term textbook buyback begins at University Bookstore.</li> <li>• Final examinations.</li> <li>• Fall semester ends.</li> <li>• Undergraduate graduation applications for Spring 2018 are due in the Registrar's Graduation Office, 210 Enrollment Services Center.</li> <li>• University Commencement: Electronic grades due from all departments (Blackboard, WebCT and AccessPlus)</li> <li>• Grade reports available on AccessPlus</li> <li>• University holidays—offices closed.</li> </ul> |
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# 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/)

Certifications ..... 214 Enrollment Services Center ..... 294-1840  
 Degree Audits ..... 210 Enrollment Services Center ..... 294-0802  
 Graduation ..... 210 Enrollment Services Center ..... 294-9372  
 Registrar's Office Information ..... 214 Enrollment Services Center ..... 294-1840  
 Registration ..... 10 Enrollment Services Center ..... 294-2331  
 Residency Status for Fees & Admission ..... 210 Enrollment Services Center ..... 294-3632  
 Schedule Changes ..... 10 Enrollment Services Center ..... 294-2331  
 Student Records ..... 214 Enrollment Services Center ..... 294-1840  
 Transcripts ..... 214 Enrollment Services Center ..... 294-1840  
 Scheduling & Fees ..... 10 Enrollment Services Center ..... 294-2331  
 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 ..... 294-2331  
 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.

**Summer Trial Enrollment** Some students who do not meet the freshman admission requirements may be offered the opportunity to enroll during the summer session on a trial basis. This allows some students otherwise would be denied admission to Iowa State an opportunity to demonstrate they are capable of successfully completing college-level courses. Students who successfully complete the summer trial enrollment will be allowed to continue their enrollment in the fall semester. For more specific information, contact the Office of Admissions.

**Reentering Students** 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.

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 515-294-2331, 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,  
515-294-2331

**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**  
141 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 Tuition and Fees area at 0460 Beardshear Hall. 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 515-294-2034 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 515-294-2331 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, Tuition and Fees area, at 515-294-1889 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 2018 through AccessPlus registration or the Scheduling & Fees Office in 10 Enrollment Services Center is Friday, August 24. 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 17, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m. Sunday, August 19 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 LTM 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. 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, 294-2331.

## 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 count toward a student's ISU drop limit and 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*.

## Drop Limit

Undergraduate students have a limited number of courses they may drop during their academic careers. (These are drops processed after the fifth day of classes each semester.) Students who enter Iowa State as freshmen are allowed to drop a maximum of five courses during their undergraduate career. Students entering at a level above freshman classification or in the College of Veterinary Medicine are allowed to drop a maximum of four courses. Courses dropped during a student's first semester do not count towards this limit. The summer semester does not count as a first semester for this purpose. Students enrolling at Iowa State after receiving a bachelor's degree will be allowed two drops.

Exceptions may be made for courses that are requested to be dropped for reasons beyond the student's control. These exceptions are granted only by the college student services office and/or dean.

Each semester your grade report on AccessPlus indicates the number of drops you have left. Students are responsible for not exceeding the limit. If you attempt to drop a course beyond the limit without special permission from your college dean, the course will remain on your schedule and you will receive a grade at the end of the semester.

# Fall 2018 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.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is \$277 for undergraduate students and \$452 for graduate students.
- **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 behind the Student Answer Center - Ground Floor - 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 behind the Student Answer Center 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 17; or drop all of your classes through AccessPlus by 10 p.m. Sunday, August 19.

You may cancel your registration by contacting the Office of the Registrar at 515-294-2331 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 20), 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 2018:

Withdrawal Date	Student Pays
Aug. 20-24	10%
Aug. 25- 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 515-294-2331 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 \$329.70 each fall and spring semester, and all students will be charged \$165.50 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.

### Delivery Fees

Some distance education courses have expenses above the cost of tuition to support the added cost of distance education. Applicable delivery fees are listed with the specific course in the Schedule of Classes. Delivery fees also appear on each student's schedule under detail on AccessPlus.

### Health Facility Fee

All students are assessed an \$8 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 \$98 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 7) 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 \$98 Health Fee and \$8 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 \$98 Health Fee and \$8 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, August 20 is the last day to initiate a registration for full semester courses for Fall 2018 without a late registration fee.

Beginning Monday, August 20, 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 \$195 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 2018, 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.

# Graduation

## Undergraduate Students

Fall 2018 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, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 210 Enrollment Services Center by the last working day in May.

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, 210 Enrollment Services Center, (515)294-9372; e-mail: graduation@iastate.edu.

University commencement ceremony will be held Saturday, December 15, at 1:30 p.m., 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, 210 Enrollment Services Center, (515)294-9372 or e-mail: 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 2018.

- 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 Friday, September 7.
- Last day for graduate students to cancel graduation is October 31. 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 Wednesday, November 21.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, November 27. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, November 29.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Tuesday, November 27. 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, 210 Enrollment Services Center, (515)294-9372 or e-mail: 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, 214 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, 214 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, 214 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 \$15 per card, payable by cash or check, and the cards expire on June 30 each year.

# Course Information

Course Title	Department	Course Number	Number of Credits
LEGAL ENVIRONMT BUS	ACCT	215	3 CR.
PREREQ: SOPH CLASSIFICATION			Special Notes:
COURSE RESTRICTED TO SOPH AND ABOVE			(prerequisites, restrictions. etc)
5277005 A MWF 9:00-9:50			
5277010 B MWF 11:00-11:50			
Reference Number	Days of the week a Course meets: M- Monday T- Tuesday W- Wednesday R- Thursday F- Friday	Course meeting time	

## 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.
- **Changing from audit to credit–(5 days allowed):**
  - Through day 5 of classes: instructor approval required.
  - After day 5: 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, 515-294-2331.

## 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 Scheduling & Fees Office 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 Centerl.

## 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)294-1889.

### 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 Saturday, July 24, 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 2018

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 ISU index and choose Test Out Exams.

## 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 College-Level Exam Program.

CLEP exams are administered by the Student Counseling Service Testing Office, Room. 2062 Student Services Building throughout the year. For information about test registration and fees go to the ISU index, Test Out Exams, CLEP Testing.

CLEP Exam	ISU Courses	Sem. Cr. Awarded
Financial Accounting*	Acct 284	3
American Govt.	Pol S 215	3
Biology**	Biol 101	3
Calculus	Math 165	4
Humanities*	Fine Arts Literature	2 4
Principles of Macroeconomics	Econ 102	3
Principles of Microeconomics	Econ 101 Econ 102	3 3
Natural Sciences*	Biological Science Physical Science	3 3
Introductory Psychology	Psych 101	3
Social Sciences and History*	Social Science History	4 2
Introductory Sociology	Soc 134	3
French Language	Frnc 101, 102 Frnc 101, 102, 201 Frnc 101, 102, 201, 202	8 12 16
German Language	Ger 101, 102 Ger 101, 102, 201 Ger 101, 102, 201, 202	8 12 16
Spanish Language	Span 101, 102 Span 101, 102, 201 Span 101, 102, 201, 202	8 12 16
* Excludes Engineering majors		
** Excludes biology and engineering majors		
***Excludes native or near-native speakers		

# 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 2018. (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.

Acct 215, 284, 285	Mat E 273
Aer E 160/160H	M E 270
Agron 114	Phys 111, 221, 221H, 222, 222H
Astro 120	Psych 101, 230, 280
C E 332	SCM 301
Chem 163, 167, 177, 331	Span 101, 201
Chin 101	Stat 326
Com S 207, 227, 228	
E M 274, 274H, 324, 345, 378	
Engr 160, 160H	
Fin 301	
Frnch 101, 201	
FS N 167 sec I	
Geol 100	
I E 305	
Math 140, 142, 151, 165, 166, 166H, 195, 196, 265, 265H	

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

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.
<b>7:00 a.m.</b>						
<b>8:00 a.m.</b>						
<b>9:00 a.m.</b>						
<b>10:00 a.m.</b>						
<b>11:00 a.m.</b>						
<b>12:10 noon</b>						
<b>1:10 p.m.</b>						
<b>2:10 p.m.</b>						
<b>3:10 p.m.</b>						
<b>4:10 p.m.</b>						
<b>5:10 p.m.</b>						
<b>6:00 p.m.</b>						
<b>7:00 p.m.</b>						
<b>8:00 p.m.</b>						
<b>9:00 p.m.</b>						



## Registration Trial Schedule Grid

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

## Campus Buildings and Abbreviations

<b>Abbr.</b>	<b>Building</b>	<b>Abbr.</b>	<b>Building</b>
Agron	Agronomy Hall	L A	Landscape Architecture Bldg. Bessey
Ames Hi	Ames High School	L Mech	Laboratory of Mechanics
Armory	Armory	Lagomar	Lagomarcino Hall
Atansff	Atanasoff Hall	LeBaron	LeBaron Hall
Bessey	Bessey Hall	Library	Parks Library
Beyer	Beyer Hall	Lloyd	Lloyd Veterinary Medical Center
BRL	Biorenewables Research Laboratory	MacKay	MacKay Hall
Black	Black Engineering Bldg.	MWL Com*	Maple-Willow-Larch Commons
Carver	Carver Hall	Martin	Martin Residence Hall
Com Bldg	Communications Bldg.	Marston	Marston Hall
Coover	Coover Hall	Meats L	Meats Laboratory
Curtiss	Curtiss Hall	Mem Un/MU	Memorial Union
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
Hamilton	Hamilton Hall	Seed	Seed Science Bldg.
Heady	Heady Hall	Sned H	Snedecor Hall
Hoover	Hoover Hall	St Gym	State Gymnasium
Horse B	Horse Barn	Sukup	Sukup Hall
Hort	Horticulture Hall & Greenhouse	Sweeney	Sweeney Hall
Howe	Howe Hall	Town	Town Engineering Bldg.
I Ed I	Industrial Education Bldg. I	Troxel	Troxel Hall
I Ed II	Industrial Education Bldg. II	Vet Med	Veterinary Medicine Bldg.
Insect	Insectary and Greenhouse	Wilhelm	Wilhelm Hall
Jischke	Martin Jischke Honors Bldg.	Zaffrno	Zaffarano Physics Addition
Kildee	Kildee Hall		
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	Jacobsn	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 A MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5277010 B MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5277015 C MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS  
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
 1110005 A TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 1110010 B MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 1110015 C MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 1110020 D MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS  
 Prereq: ACCT 284  
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION TO ADD  
 1112005 A MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 1112010 B MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 1112015 C MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 1112020 D MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 1112025 E MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 1112030 F TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 1112035 G TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 1112040 J TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 1112045 K MW 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 1112050 L MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 1112055 M TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 1112060 N TR 3:40-4:55  
 MEETS: AUG 20-DEC 14

THE ACCOUNTNG CYCLE ACCT 301 1 CREDIT  
 Prereq: ACCT 284  
 Note: CONCURRENT ENROLLMENT IN ACCT 285 RECOMMENDED.  
 COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN,  
 MGMT, MIS, MKT, P BUS, SCM UNDERGRAD MAJORS. GRADUATE  
 STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO REGISTER  
 THIS COURSE CARRIES AN ADDITIONAL COST OF  
 APPROXIMATELY \$50 TO ACCESS THE REQUIRED COMPUTER  
 SOFTWARE PROGRAM.  
 1078005 A ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Course delivery is WWW

BSNSS DATA STRM&ISS ACCT 315X 3 CREDITS  
 Prereq: COM S 113  
 Note: COURSE RESTRICTED TO ACCT, BUS U, BUSEC, ENTSP  
 FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY.  
 8259005 A T 6:40-9:25PM  
 MEETS: AUG 20-DEC 14

INTMD MANAGERL ACCT ACCT 383 3 CREDITS  
 Prereq: ACCT 285 OR ACCT 501; AND ACCT 301  
 Note: SEC A1,B1,ETC. RESTRICTED TO ACCT UNDERGRAD  
 MAJORS. SEC A2,B2,ETC. RESTRICTED TO BUS S,  
 BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM  
 UNDERGRADS. NOT OPEN TO P BUS MAJORS.  
 1117005 A1 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 1117010 A2 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 1117015 B1 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 1117020 B2 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 1117025 C1 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 1117030 C2 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

ACCT INFO SYSTEMS ACCT 384 3 CREDITS  
 Prereq: ACCT 285 OR ACCT 501; ACCT 301; MIS 301  
 Note: SEC A1,B1,ETC. RESTRICTED TO ACCT MAJORS  
 YR 1-4 ONLY. SEC A2,B2,ETC. RESTRICTED TO  
 BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT,  
 SCM MAJORS.  
 1123005 A1 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 1123010 A2 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 1123015 B1 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 1123020 B2 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

ACCOUNTING

(CONTINUED)

ACCT INFO SYSTEMS ACCT 384 3 CREDITS  
 1123025 C1 MW 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 1123030 C2 MW 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 1123035 D1 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 1123040 D2 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

INTMED ACCOUNTING I ACCT 386 3 CREDITS  
 Prereq: ACCT 284 AND ACCT 301  
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS  
 YR 1-4 ONLY. SEC A2,B2,C2 RESTRICTED TO BUS S,  
 BUS U, BUSEC, ENTSP, FIN, I BUS, MGMT, MIS, MKT,  
 SCM UNDERGRAD MAJORS. NOT OPEN TO P BUS MAJORS.  
 1118005 A1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 1118010 A2 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 1118015 B1 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 1118020 B2 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 1118025 C1 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 1118030 C2 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

INTMD ACCOUNTING II ACCT 387 3 CREDITS  
 Prereq: C- OR BETTER IN ACCT 386  
 Note: COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS  
 GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 1119005 A1 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO ACCT MAJORS YR 1-4 ONLY  
 1119010 A2 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO BUS S, BUS U, BUSEC, ENTSP,  
 FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY  
 1119015 B1 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 Note: SEC B1 RESTRICTED TO ACCT MAJORS YR 1-4 ONLY  
 1119020 B2 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 Note: SEC B2 RESTRICTED TO BUS S, BUS U, BUSEC, ENTSP,  
 FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY  
 1119025 C1 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC C1 RESTRICTED TO ACCT MAJORS YR 1-4 ONLY  
 1119030 C2 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC C2 RESTRICTED TO BUS S, BUS U, BUSEC, ENTSP,  
 FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY

ADV ACCT INFO SYSTM ACCT 484 3 CREDITS  
 Prereq: ACCT 384  
 Note: COURSE RESTRICTED TO UNDERGRAD ACCT MAJORS.  
 GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION  
 TO ADD.  
 9016005 A MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A RESTRICTED ACCT UNDERGRADS ONLY.

PRIN FED INCOME TAX ACCT 485 3 CREDITS  
 Prereq: C- OR BETTER IN ACCT 386 OR ACCT 501  
 Note: COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS  
 GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 SEC A1,B1,ETC. RESTRICTED TO ACCT UNDERGRADS.  
 SEC A2,B2,ETC. FOR BUS S, BUS U, BUSEC, ENTSP,  
 FIN, MGMT, MIS, MKT, SCM UNDERGRADS.  
 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)  
 1121005 A1 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 1121010 A2 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 1121015 B1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 1121020 B2 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 1121025 C1 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 1121030 C2 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

NONPROFIT INST ACCT ACCT 488 3 CREDITS  
 Prereq: ACCT 386  
 Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS  
 UNDERGRAD MAJORS ONLY. NOT OPEN TO P BUS MAJORS.  
 GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION  
 TO ADD.  
 1120005 A TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

## ACCOUNTING

(CONTINUED)

INDEPENDENT STUDY ACCT 490 1- 3 CREDITS  
Prereq: ACCT 285, SENIOR CLASSIFICATION,  
PERMISSION OF INSTRUCTOR  
Note: Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ACCT PROBLEMS ACCT 495 3 CREDITS  
Prereq: ACCT 387  
Note: COURSE RESTRICTED TO ACCT MAJORS YR 1-4 ONLY.  
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION  
TO ADD.  
7148005 A TR 11:00-12:15  
MEETS: AUG 20-DEC 14

ACCT IN GLOBAL ECON ACCT 496 3 CREDITS  
Prereq: ACCT 386 OR ACCT 501  
Note: COURSE RESTRICTED TO ACCT, I BUS MAJORS  
YR 1-4 ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN  
FOR PERMISSION TO ADD.  
9026005 A T 6:40-10:00PM  
MEETS: AUG 21-NOV 6

INTRO TO AUDITING ACCT 497 3 CREDITS  
Prereq: ACCT 384, ACCT 387 AND STAT 326  
Note: COURSE RESTRICTED TO ACCT MAJORS YR 1-4 ONLY.  
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION  
TO ADD.  
1126005 A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
1126010 B MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

CAPSTONE IN ACCOUNT ACCT 498 2 CREDITS  
Prereq: ACCT 383, ACCT 384, ACCT 387, CREDIT  
OR ENROLLMENT IN ACCT 485  
Note: COURSE RESTRICTED TO SENIOR ACCT MAJORS.  
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION  
TO ADD.  
4477005 A MW 9:00-9:50  
MEETS: AUG 20-DEC 14  
4477010 B MW 4:10-5:00  
MEETS: AUG 20-DEC 14

FINANCIAL ACCOUNTING ACCT 501 3 CREDITS  
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL  
PERMISSION  
Note: COURSE RESTRICTED TO ACCT, FIN, SCIS GRADUATE  
MAJORS ONLY  
9339005 A MW 7:30-10:50  
MEETS: OCT 8-NOV 14

ADV ACCT INFO SYSTM ACCT 584 3 CREDITS  
Prereq: ACCT 384  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
9023005 A MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

ADV FEDERAL TAXATN ACCT 586 3 CREDITS  
Prereq: ACCT 485  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
PERKINS J  
7001005 A MW 5:10-6:25PM  
MEETS: AUG 20-DEC 14

GOV'T&NON-PRFT ACCT ACCT 588 3 CREDITS  
Prereq: ACCT 387  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
CLEM A  
2909005 A TR 2:10-3:25  
MEETS: AUG 20-DEC 14

SPECIAL TOPICS ACCT 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
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  
DILLA W  
7436005 A M 6:40-10:00PM  
MEETS: AUG 20-NOV 12

ADV ACNTNG PROBLMS ACCT 595 3 CREDITS  
Prereq: ACCT 387  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
WANG Q  
1011005 A TR 11:00-12:15  
MEETS: AUG 20-DEC 14

ACCT IN GLOBAL ECON ACCT 596 3 CREDITS  
Prereq: ACCT 386 OR ACCT 501  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
JEFFREY C  
2892005 A T 6:40-10:00PM  
MEETS: AUG 21-NOV 6

FIN ACCT:THRY & ISS ACCT 598 3 CREDITS  
Prereq: ACCT 386 OR ACCT 501  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
JEFFREY C  
5338005 A W 6:40-10:00PM  
MEETS: AUG 22-NOV 7

## ACCOUNTING

(CONTINUED)

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

**ADVERTISING**

ADVERTISING PRINCIP ADVRT 230 3 CREDITS  
4667005 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

STRATEG PLAN AD&P.R ADVRT 301 3 CREDITS  
Prereq: ADVRT 230 OR P R 220  
Note: SEC 1A,2A,ETC. RESTRICTED TO ADVRT, JL MC, P R  
SOPHOMORES AND ABOVE. SEC 1B,2B,ETC. RESTRICTED  
TO MAJORS OTHER THAN ADVRT, JL MC, P R.  
4439005 1A MW 9:30-10:45  
MEETS: AUG 20-DEC 14  
4439010 1B MW 9:30-10:45  
MEETS: AUG 20-DEC 14  
4439015 2A TR 9:30-10:45  
MEETS: AUG 20-DEC 14  
4439020 2B TR 9:30-10:45  
MEETS: AUG 20-DEC 14  
4439025 3A TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
4439030 3B TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
4439035 4A TR 2:10-3:25  
MEETS: AUG 20-DEC 14  
4439040 4B TR 2:10-3:25  
MEETS: AUG 20-DEC 14  
4439045 5A MW 11:00-12:15  
MEETS: AUG 20-DEC 14  
4439050 5B MW 11:00-12:15  
MEETS: AUG 20-DEC 14

ADVERTSNG CREATIVTY ADVRT 334 3 CREDITS  
Prereq: JL MC 101; 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 8:00-9:40  
MEETS: AUG 20-DEC 14  
4669010 2 MW 10:00-11:40  
MEETS: AUG 20-DEC 14  
4669015 3 TR 12:10-1:50  
MEETS: AUG 20-DEC 14

ADVERT MEDIA PLANNG ADVRT 335 3 CREDITS  
Prereq: ADVRT 301 OR P R 301  
4670005 1A TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1A FOR JL MC, ADVRT, P R MAJORS ONLY  
4670010 1B TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT, P R  
4670015 2A TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
Note: SEC 2A FOR JL MC, ADVRT, P R MAJORS ONLY  
4670020 2B TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
Note: SEC 2B FOR MAJORS OTHER THAN JL MC, ADVRT, P R

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 5:10-6:25PM  
MEETS: AUG 20-DEC 14

PRO SKILL DEVEL:MAP ADVRT 390A 1 CREDIT  
Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR  
PERMISSION FOR NONMAJORS  
9707005 1 ARRANGED  
MEETS: AUG 20-DEC 14

ADVERTISING CAMPGNS ADVRT 434 3 CREDITS  
Prereq: C+ OR BETTER IN ADVRT 344 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 3:40-5:00  
MEETS: AUG 20-DEC 14  
Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

SPL TOPC MAGZN PUBL ADVRT 497C 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
9909005 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

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 306  
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 ADVISR APPROVAL  
 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 306  
 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 MATH  
 PLACEMENT EXAM; CREDIT OR 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 9:00-9:50  
 M 10:00-11:50  
 MEETS: AUG 20-DEC 14
- 6215010 2 MW 11:00-11:50  
 M 2:10-4:00  
 MEETS: AUG 20-DEC 14
- 6215015 3 MW 9:00-9:50  
 T 2:10-4:00  
 MEETS: AUG 20-DEC 14
- 6215020 4 MW 11:00-11:50  
 W 2:10-4:00  
 MEETS: AUG 20-DEC 14
- 6215025 5 MW 11:00-11:50  
 R 2:10-4:00  
 MEETS: AUG 20-DEC 14

HONORS AER ENG PROB AER E 160H 3 CREDITS  
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM,  
 MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT  
 EXAMS; CREDIT OR 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.

- 7571005 1 MW 1:10-2:00  
 T 10:00-11:50  
 MEETS: AUG 20-DEC 14
- 7571010 2 MW 1:10-2:00  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14
- 7571015 3 MW 1:10-2:00  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14

NUM&GRAPHIC&LAB TCNQ AER E 161 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN AER E 160  
 OR EQUIVALENT COURSE

- 7834005 1 MW 10:00-10:50  
 F 9:00-10:50  
 MEETS: AUG 20-DEC 14
- 7834010 2 MW 10:00-10:50  
 F 11:00-12:50  
 MEETS: AUG 20-DEC 14

AEROSPACE SEMINAR AER E 192 R CREDIT  
 Satisfactory-Fail Only.  
 1085005 W 4:10-5:00  
 MEETS: AUG 20-DEC 14

INTRO PERFRMNC&DSGN AER E 261 3 CREDITS  
 Prereq: MATH 166, PHYS 221, CREDIT OR ENROLLMENT  
 IN AER E 161

- 6021005 1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14
- 6021010 2 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14
- 6021015 3 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MAKE TO INNOVATE I AER E 294X 1 CREDIT  
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION,  
 PERMISSION OF INSTRUCTOR  
 Note: CREDIT IN AER E 294X MAY NOT BE APPLIED  
 TOWARD GRADUATION  
 9385005 ARRANGED  
 MEETS: AUG 20-DEC 14

FLIGHT EXPERIENCE AER E 301 R CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN AER E 355  
 Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
 Satisfactory-Fail Only.

- 1160005 1 W 5:10-6:00PM  
 T 8:00-9:50  
 MEETS: AUG 20-DEC 14
- Note: THE WEDNESDAY 5:10-6:00 P.M. IS A ONE-TIME ONLY  
 MTG ON AUG 26
- 1160010 2 W 5:10-6:00PM  
 T 10:00-11:50  
 MEETS: AUG 20-DEC 14

AEROSPACE ENGINEERING

(CONTINUED)

FLIGHT EXPERIENCE AER E 301 R CREDIT  
 1160015 3 W 5:10-6:00PM  
 T 1:10-3:00  
 MEETS: AUG 20-DEC 14

1160020 4 W 5:10-6:00PM  
 R 8:00-9:50  
 MEETS: AUG 20-DEC 14

1160025 5 W 5:10-6:00PM  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14

1160030 6 W 5:10-6:00PM  
 R 1:10-3:00  
 MEETS: AUG 20-DEC 14

AERODYNAM I:INCMPRS AER E 310 3 CREDITS  
 Prereq: GRADE OF C- OR BETTER IN AER E 261  
 AND MATH 265

- 1175005 1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14
- 1175010 2 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

AERODYN II:CMRPSBL AER E 311 3 CREDITS  
 Prereq: AER E 310, M E 231

1179005 1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

FLIGHT STRUCT ANALY AER E 321 3 CREDITS  
 Prereq: E M 324, CREDIT OR ENROLLMENT IN  
 MATH 266 OR MATH 267

- 7164005 1 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14
- 7164010 2 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

AEROSPC STRUCTR LAB AER E 322 2 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN AER E 321

- 9129005 1 M 4:10-5:00  
 T 8:00-9:50  
 MEETS: AUG 20-DEC 14
- 9129010 2 M 4:10-5:00  
 R 8:00-9:50  
 MEETS: AUG 20-DEC 14
- 9129015 3 M 4:10-5:00  
 T 10:00-11:50  
 MEETS: AUG 20-DEC 14
- 9129020 4 M 4:10-5:00  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14
- 9129025 5 M 4:10-5:00  
 T 1:10-3:00  
 MEETS: AUG 20-DEC 14
- 9129030 6 M 4:10-5:00  
 R 1:10-3:00  
 MEETS: AUG 20-DEC 14

FLIGHT CONTROL SYS I AER E 331 3 CREDITS  
 Prereq: AER E 355

- 1235005 1 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

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  
 T 12:10-2:00  
 MEETS: AUG 20-DEC 14
- 6493010 2 TR 9:00-9:50  
 R 12:10-2:00  
 MEETS: AUG 20-DEC 14
- 6493015 3 TR 9:00-9:50  
 W 3:10-5:00  
 MEETS: AUG 20-DEC 14
- 6493020 4 TR 9:00-9:50  
 T 2:10-4:00  
 MEETS: AUG 20-DEC 14
- 6493025 5 TR 9:00-9:50  
 R 2:10-4:00  
 MEETS: AUG 20-DEC 14
- 6493030 6 TR 9:00-9:50  
 F 3:10-5:00  
 MEETS: AUG 20-DEC 14

ASTRODYNAMICS I AER E 351 3 CREDITS  
 Prereq: E M 345  
 Note: COURSE RESTRICTED TO AER E 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)

- 1168005 1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14
- 1168010 2 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14



## AEROSPACE ENGINEERING (CONTINUED)

AIRCFT FLI DYN&CTL AER E 355 3 CREDITS  
Prereq: AER E 261, MATH 267, E M 345  
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
1056005 1 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14  
1056010 2 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

COMP TECHNQ AER DSN AER E 361 3 CREDITS  
Prereq: AER E 310, MATH 267, E M 324, E M 345  
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
1170010 1 TR 11:00-11:50  
T 2:10-4:00  
MEETS: AUG 20-DEC 14  
1170015 2 TR 11:00-11:50  
R 2:10-4:00  
MEETS: AUG 20-DEC 14  
1170020 3 TR 11:00-11:50  
T 12:10-2:00  
MEETS: AUG 20-DEC 14  
1170025 4 TR 11:00-11:50  
R 12:10-2:00  
MEETS: AUG 20-DEC 14

AEROSPC SYS INTEGRT AER E 362 3 CREDITS  
Prereq: JUNIOR STANDING IN AER E OR PERMISSION  
OF INSTRUCTOR  
4293005 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUC AER E 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND  
ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD FORMAL METHDS AER E 407X 3 CREDITS  
Prereq: MATH 166 AND INSTRUCTOR PERMISSION  
8822005 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

AERO VEHIC PROPUL I AER E 411 3 CREDITS  
Prereq: AER E 311, AER E 344  
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
6028005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
6028010 2 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

ADV FLIGHT STRUCTRS AER E 421 3 CREDITS  
Prereq: AER E 321, MATH 266 OR 267  
1176005 1 MW 10:00-10:50  
F 10:00-11:50  
MEETS: AUG 20-DEC 14

DSIGN AEROSP STRUCT AER E 426 3 CREDITS  
Prereq: E M 324  
6157005 1 MW 1:10-2:00  
F 1:10-3:00  
MEETS: AUG 20-DEC 14

FLT CONTROL SYST II AER E 432 3 CREDITS  
Prereq: AER E 331  
1181005 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

SPACCRFT DYNM&CNTRL AER E 433 3 CREDITS  
Prereq: E M 345  
9378005 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

V/STOL AERODYN&PERF AER E 442 3 CREDITS  
Prereq: AER E 261  
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
1183005 1 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

COMP FLUID MCH&HT I AER E 446 3 CREDITS  
Prereq: AER E 311, AER E 361, PROFICIENCY  
IN AT LEAST ONE PROGRAMMING LANGUAGE  
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
8091005 1 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

ASTRODYNAMICS II AER E 451 3 CREDITS  
Prereq: AER E 351  
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS  
1184005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

MOD DESIGN METHODOL AER E 461 3 CREDITS  
Prereq: AER E 361, AER E 311, AER E 321,  
AER E 322, AER E 344, AER E 351, AER E 355  
Note: COURSE RESTRICTED TO AER E SENIORS ONLY  
1186005 1 TR 10:00-10:50  
T 2:10-4:00  
MEETS: AUG 20-DEC 14  
1186010 2 TR 1:10-2:00  
R 11:00-12:35  
MEETS: AUG 20-DEC 14

## AEROSPACE ENGINEERING (CONTINUED)

DESIGN AEROSPC 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  
TR 12:10-1:50  
MEETS: AUG 20-DEC 14

MULTIDISC ENGR DSGN AER E 466 3 CREDITS  
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF  
GRADUATION, PERMISSION OF INSTRUCTOR  
8778005 1 MWF 3:10-5:00  
MEETS: AUG 20-DEC 14

IND STU A/GAS DYNAM AER E 490A 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY PROPULSION AER E 490B 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU AEROS STRUC AER E 490C 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FLIGHT DYNA AER E 490D 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU SPACECR SYS AER E 490E 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST FLT CONT SYS AER E 490F 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY AEROELASTI AER E 490G 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AER E 490H 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
UNIV HONORS PROGRAM MEMBERSHIP  
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: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU NONDESTR EV AER E 490J 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU WIND ENGINR AER E 490K 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ULTRALIGHT AER E 490L 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY AER E 4900 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MAKE TO INNOVATE II AER E 494X 2- 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION,  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS IN AER E 494X MAY BE  
APPLIED TOWARD GRADUATION AS TECHNICAL ELECTIVE  
9398005 ARRANGED  
MEETS: AUG 20-DEC 14

SENIOR PROJECT AER E 499 1- 2 CREDITS  
Prereq: SENIOR CLASSIFICATION, CR OR ENROLLMENT  
IN AER E 491  
4759005 ARRANGED  
MEETS: AUG 20-DEC 14

INTELLG TRNSPRT SYS AER E 504X 3 CREDITS  
Prereq: AER E 161 OR EQUIVALENT; PERMISSION  
OF INSTRUCTOR REQUIRED  
7384005 TR 2:10-3:25  
MEETS: AUG 20-DEC 14

APPLD FORMAL METHDS AER E 507X 3 CREDITS  
Prereq: MATH 166 AND INSTRUCTOR PERMISSION  
8842005 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

WIND ENRGY SYS DSGN AER E 511 3 CREDITS  
9891005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

AEROSPACE ENGINEERING (CONTINUED)

DSIGN AEROSP STRUCT AER E 526 3 CREDITS  
 Prereq: E M 324  
 9137005 1 MW 1:10-2:00  
 F 1:10-3:00  
 MEETS: AUG 20-DEC 14

INCOMPRESS FLOW AERO AER E 541 3 CREDITS  
 Prereq: AER E 310 OR M E 335 OR EQUIVALENT  
 1208005 A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

FLUI MECH&HEAT TR I AER E 546 3 CREDITS  
 Prereq: AER E 310 OR M E 335; PROGRAMMING EXPERIENCE  
 1212005 1 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

ORBITAL MECHANICS AER E 551 3 CREDITS  
 Prereq: AER E 351  
 1214005 1 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

METAHEUR OPTMZ&MODL AER E 554X 3 CREDITS  
 Prereq: GRADUATE STANDING IN COLLEGE OF ENGINEERING OR PERMISSION OF INSTRUCTOR  
 8818005 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

GUIDANCE AER VEHLCL AER E 556 3 CREDITS  
 Prereq: AER E 331  
 8722005 1 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

FRACTURE & FATIGUE AER E 564 3 CREDITS  
 Prereq: E M 324; MAT E 216 OR MAT E 273.  
 UNDERGRADUATES: PERMISSION OF INSTRUCTOR.  
 8817005 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

LG-SCAL CPLX ENG SY AER E 568 3 CREDITS  
 Prereq: SENIOR STANDING IN COLLEGE OF ENGINEERING OR PERMISSION OF 468 INSTRUCTOR  
 9248005 1 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

WIND ENGINEERING AER E 570 3 CREDITS  
 Prereq: E M 378, E M 345  
 7628005 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

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 12:10-1:00  
 MEETS: AUG 20-DEC 14

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 A TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

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

SPCL 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 2018  
 \*\*\*\*\* 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

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

AEROSPACE ENGINEERING (CONTINUED)

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

SPL TOP WIND ENGINR AER E 590N 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 INTERNSHP AER E 697 R CREDIT  
 Prereq: PERMISSION OF DOGE, GRADUATE CLASSIFICATN Satisfactory-Fail Only.  
 8131005 ARRANGED  
 MEETS: AUG 20-DEC 14

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 A TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

8310010 B TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

8310015 C TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

8310020 D TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

8310025 E MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

8310030 F MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

8310035 G MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

8310605 XV ARRANGED BEGLEY L  
 MEETS: AUG 20-DEC 14  
 Note: Section XV is off campus  
 Course delivery is WWW

8310600 XW ARRANGED DESTINE S  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

AFRI AMER RELIG EXP AF AM 334 3 CREDITS  
 Prereq: PRIOR COURSE WORK IN RELIG OR AF AM RECOMMENDED  
 Note: Meets U.S. diversity reqmt  
 8661005 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

SEM AFRIC AMER CULT AF AM 460 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 Instructor permission required.  
 6688005 ARRANGED  
 MEETS: AUG 20-DEC 14

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 ARRANGED  
 MEETS: AUG 20-DEC 14

**AGRICULTURAL AND BIOSYSTEMS ENGINEERING**

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

SYST PROB SOLV&PROG A B E 160 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MATH 143 OR MATH 165  
 Note: 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  
 6707005 A TR 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 6707010 B TR 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

ENG GRPHC&INTRO DSN A B E 170 3 CREDITS  
 Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT  
 6705005 A MW 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A RESTRICTED TO A E, BSE MAJORS ONLY  
 6705010 B TR 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC B RESTRICTED TO A E, BSE, M E, ENGR MAJORS

SMNR:PREP FOR WRKPLR A B E 201 1 CREDIT  
 Prereq: SOPHOMORE CLASSIFICATION IN A E, AST, BSE OR I TEC  
 1373005 MW 4:10-5:00  
 MEETS: AUG 20-OCT 12

FND AG &BIOSYS ENGR A B E 216 3 CREDITS  
 Prereq: A B E 160 OR PERMISSION OF INSTRUCTOR  
 1096005 A MW 1:10-2:00  
 M 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 1096010 B MW 1:10-2:00  
 W 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 1096020 C MW 1:10-2:00  
 F 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 1096025 D MW 1:10-2:00  
 F 8:00-9:50  
 MEETS: AUG 20-DEC 14

PARAM SLD MODEL ENG A B E 271 1 CREDIT  
 Prereq: A B E 170 OR TSM 116 OR EQUIVALENT  
 9153005 A M 9:00-9:50  
 W 8:00-9:50  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A RESTRICTED TO A E, BSE MAJORS ONLY  
 9153010 B M 9:00-9:50  
 W 8:00-9:50  
 MEETS: AUG 20-OCT 12  
 Note: SECTION B RESTRICTED TO AST, I TEC MAJORS

PRO/ENG MOD&ASSEMBL A B E 272 1 CREDIT  
 Prereq: A B E 170 OR TSM 116 OR EQUIVALENT  
 2650005 A M 9:00-9:50  
 W 8:00-9:50  
 MEETS: OCT 15-DEC 14  
 Note: SECTION A RESTRICTED TO A E, BSE MAJORS ONLY  
 2650010 B M 9:00-9:50  
 W 8:00-9:50  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B RESTRICTED TO AST, I TEC MAJORS

CAD FACILT&LAND USE A B E 273 1 CREDIT  
 4264005 A M 2:10-3:00  
 W 2:10-4:00  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A RESTRICTED TO A E, BSE MAJORS ONLY  
 4264010 B M 2:10-3:00  
 W 2:10-4:00  
 MEETS: AUG 20-OCT 12  
 Note: SECTION B RESTRICTED TO AST, I TEC MAJORS ONLY

APPLD NUMRCL METHDS A B E 316 3 CREDITS  
 Prereq: A B E 160, MATH 266 OR MATH 267  
 8355005 A TR 1:10-3:00  
 MEETS: AUG 20-DEC 14

BIORENEWABLE SYSTMS A B E 325 3 CREDITS  
 Prereq: ECON 101, CHEM 163 OR HIGHER, MATH 140 OR HIGHER  
 9073005 A TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 9073010 B TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION B RESTRICTED TO AST MAJORS ONLY

ANALY&DS FIELD MACH A B E 340 3 CREDITS  
 Prereq: A B E 216  
 1525005 A TR 10:00-10:50  
 W 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 1525010 B TR 10:00-10:50  
 W 3:10-5:00  
 MEETS: AUG 20-DEC 14

ELEC POWR&ELECTRONC A B E 363 4 CREDITS  
 Prereq: A B E 216  
 1019005 A TR 11:00-12:30  
 W 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 1019010 B TR 11:00-12:30  
 R 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 1019015 C TR 11:00-12:30  
 T 3:10-5:00  
 MEETS: AUG 20-DEC 14

SUSTNBL E&INT'L DEV A B E 388 3 CREDITS  
 Prereq: A B E 216 (OR EQUIVALENT), MATH 266 OR MATH 267  
 Note: COURSE RESTRICTED TO COLLEGE OF ENGINEERING JUNIORS AND SENIORS  
 Meets international perspectives reqmt  
 8107005 A MW 3:10-4:00  
 T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

COOPERATIVE EDUC A B E 398 R CREDIT  
 Prereq: A B E 218, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

A B E INSTRUMENTATN A B E 404 3 CREDITS  
 Prereq: A B E 363 OR CPR E 281  
 2661005 A TR 8:00-8:50  
 T 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 2661010 B TR 8:00-8:50  
 R 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 2661015 C TR 8:00-8:50  
 W 3:10-5:00  
 MEETS: AUG 20-DEC 14

FLUID POWER ENGR A B E 413 3 CREDITS  
 Prereq: CR OR ENROLLMENT IN E M 378 OR M E 335, A B E 216 OR M E 270  
 7961005 A MW 9:00-9:50  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 7961010 B MW 9:00-9:50  
 W 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 7961015 C MW 9:00-9:50  
 W 3:10-5:00  
 MEETS: AUG 20-DEC 14

AG&BIOSY ENGR DSN I A B E 415 2 CREDITS  
 Prereq: A B E 316, CLASSIFICATION IN A DEPARTMENT MAJOR  
 8253005 A M 12:10-1:00, ARRANGED  
 MEETS: AUG 20-DEC 14

AG&BIOSY ENGR DSN II A B E 416 2 CREDITS  
 Prereq: A B E 415  
 7302005 A W 12:10-1:00, ARRANGED  
 MEETS: AUG 20-DEC 14

FUND ENGINRG REVIEW A B E 418 1 CREDIT  
 4248005 M 3:10-5:00, ARRANGED  
 MEETS: AUG 20-OCT 12

SOIL&WTR CONSRV SYS A B E 431 3 CREDITS  
 Prereq: E M 378 OR CH E 356  
 9418005 MW 11:00-11:50  
 T 3:10-5:00  
 MEETS: AUG 20-DEC 14

MULTIDISC ENGR DSGN A B E 466 3 CREDITS  
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR  
 8891005 1 MWF 3:10-5:00  
 MEETS: AUG 20-DEC 14

DSIGN ANIM PROD SYS A B E 475 2 CREDITS  
 Prereq: A B E 271, A B E 272, OR A B E 273; E M 324 AND ENROLLMENT IN APSE OPTION OF A E PROGRAM  
 4206005 ARRANGED  
 MEETS: AUG 20-DEC 14

ENGR ANALY BIOL SYS A B E 480 3 CREDITS  
 Prereq: A B E 380 OR PERMISSION OF INSTRUCTOR  
 4864005 MW 8:00-8:50  
 F 8:00-9:50  
 MEETS: AUG 20-DEC 14

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

## AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

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

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

IND STU:FOOD ENGINR A B E 490F 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY A B E 490G 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS A B E 490H 1- 5 CREDITS  
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM  
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  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

INSTRUMNTN FOR ABSE A B E 504 3 CREDITS  
Prereq: A B E 316 AND A B E 363  
9225005 A TR 8:00-8:50  
T 1:10-3:00  
MEETS: AUG 20-DEC 14  
9225010 B TR 8:00-8:50  
R 1:10-3:00  
MEETS: AUG 20-DEC 14  
9225015 C TR 8:00-8:50  
W 3:10-5:00  
MEETS: AUG 20-DEC 14

SOIL&WTR CONSERV SY A B E 531 3 CREDITS  
Prereq: E M 378 OR CH E 356  
1577005 MW 11:00-11:50  
T 3:10-5:00  
MEETS: AUG 20-DEC 14

ENGR ANALY BIOL SYS A B E 580 3 CREDITS  
Prereq: A B E 216; MATH 266; BIOL 211 OR BIOL 212; M E 231  
1028005 MW 8:00-8:50  
F 8:00-9:50  
MEETS: AUG 20-DEC 14

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

MASTER'S TECH COMM A B E 598 1 CREDIT  
Satisfactory-Fail Only.  
8332005 ARRANGED  
MEETS: AUG 20-DEC 14

GRADUATE SEMINAR A B E 601 1 CREDIT  
1046005 A R 4:10-5:00  
MEETS: AUG 20-DEC 14

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 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

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

TEACHING PRACTICUM A B E 694 1- 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR  
6457005 ARRANGED  
MEETS: AUG 20-DEC 14

ENGINEERG INTERNSHP A B E 697 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF  
Satisfactory-Fail Only.  
1700005 ARRANGED  
MEETS: AUG 20-DEC 14

DOCTORAL TECH COMM A B E 698 1 CREDIT  
Satisfactory-Fail Only.  
8333005 ARRANGED  
MEETS: AUG 20-DEC 14

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

RES CMPTR AID DSIGN 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

## AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

RESEARCH FOOD ENGR A B E 699F 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 & STUDIES**

ORIENT AG &LIFE ED AGEDS 110A 1 CREDIT  
Note: COURSE RESTRICTED TO AGLSE MAJORS  
1268005 1 M 3:10-4:00  
W 3:10-5:00  
MEETS: AUG 20-OCT 12  
1268010 2 M 3:10-4:00  
W 3:10-5:00  
MEETS: AUG 20-OCT 12  
1268015 3 M 3:10-4:00  
W 3:10-5:00  
MEETS: AUG 20-OCT 12

ORIENTATION AGRI ST AGEDS 110B 1 CREDIT  
1383005 1 M 3:10-4:00  
W 3:10-5:00  
MEETS: AUG 20-OCT 12  
Note: SEC 1 RESTRICTED TO AG ST MAJORS ONLY  
1383010 2 M 3:10-4:00  
W 3:10-5:00  
MEETS: AUG 20-OCT 12  
Note: SEC 2 RESTRICTED TO AG ST SOPHOMORES, JUNIORS, AND SENIORS ONLY

AG &LIFE SCI EXPLOR AGEDS 110C 1 CREDIT  
8358005 TR 2:10-3:00  
MEETS: AUG 20-OCT 12

DEAN'S LDRSHP SEMNR AGEDS 111 1 CREDIT  
Prereq: PERMISSION OF THE AG LS COLLEGE ASSOCIATE DEAN FOR ACADEMIC PROGRAMS  
1334005 T 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: THE REQUIRED SIGNATURE IS THAT OF MARCIE STEVENSON, 20 CURTISS  
College permission required.

INITIAL FLD EXPRNCE AGEDS 116 1 CREDIT  
Prereq: CLASSIFICATION IN AGLSE MAJOR  
4766005 1 MW 3:10-4:00, ARRANGED  
MEETS: OCT 15-DEC 14  
4766010 2 MW 4:10-5:00, ARRANGED  
MEETS: OCT 15-DEC 14

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT  
Prereq: AGEDS 110  
7586005 1 ARRANGED  
MEETS: AUG 20-DEC 14

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT  
Prereq: AGEDS 110  
7603005 1 ARRANGED  
MEETS: AUG 20-DEC 14

CAREER SEMINAR AGEDS 215 1 CREDIT  
Prereq: SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPHOMORE CLASSIFICATION OR ABOVE  
1385005 1 W 3:10-5:00  
MEETS: OCT 15-DEC 14  
Note: SEC 1 FOR NEW STUDENTS  
1385010 2 TR 8:00-8:50  
MEETS: AUG 20-OCT 12  
Note: SEC 2 FOR RETURNING STUDENTS

FOUND AG ED PROGRMS AGEDS 310 3 CREDITS  
Note: COURSE RESTRICTED TO AGLSE MAJORS ONLY  
8790005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

PRESENTN STRATEGIES AGEDS 311 3 CREDITS  
1272005 1A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC 2A RESTRICTED TO AG ST, AGLSE MAJORS ONLY  
1272010 1B MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
1272015 2A TR 8:00-9:20  
MEETS: AUG 20-DEC 14  
Note: SEC 2A RESTRICTED TO AG ST, AGLSE MAJORS ONLY  
1272020 2B TR 8:00-9:20  
MEETS: AUG 20-DEC 14  
1272025 3A MWF 8:00-8:50  
MEETS: AUG 20-DEC 14  
1272030 3B MWF 8:00-8:50  
MEETS: AUG 20-DEC 14

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

PRESENTN STRATEGIES AGEDS 311 3 CREDITS  
1272035 4A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
1272040 4B MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

SCI WITH PRACTICE AGEDS 312 3 CREDITS  
Prereq: MAJOR IN THE COLLEGE OF AG LS  
8006005 1 W 2:10-3:00, ARRANGED  
MEETS: AUG 20-DEC 14  
8006010 2 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.  
Course delivery is WWW

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS  
1273005 1A T 12:40-1:55, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO AG ST MAJORS ONLY  
1273010 1B T 12:40-1:55, ARRANGED  
MEETS: AUG 20-DEC 14

STRTG COMM AG&ENVIR AGEDS 323X 3 CREDITS  
Prereq: ENGL 250, JUNIOR CLASSIFICATION  
8691005 1 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

SURV AG&LIF SC COMM AGEDS 327 3 CREDITS  
Prereq: ENGL 250 OR EQUIVALENT  
9159005 1 TR 11:00-11:50  
M 1:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO MAJORS OTHER THAN AGLSE  
9159010 2 TR 11:00-11:50  
F 1:10-3:00  
MEETS: AUG 20-DEC 14

AG MECHAN APPLCATNS AGEDS 388 3 CREDITS  
Note: COURSE LOCATED OFF CAMPUS, ALLOW 20 MINUTES  
TRAVEL TIME  
6067005 1A M 12:10-2:00  
W 12:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO AG ST, AGLSE MAJORS ONLY  
6067010 1B M 12:10-2:00  
W 12:10-3:00  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN AGEDS 398 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE  
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
1356005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Permission of department chair required.

PLAN AG ED PROGRAMS AGEDS 401 3 CREDITS  
Prereq: AGEDS 310  
1275005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

METHODS TEACHING AG AGEDS 402 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN AGEDS 401  
1276005 1 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CREDITS  
Prereq: JR CLASSIF IN AGEDS, INSTR PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRE-STDT TCHG EXPR AGEDS 416 1 CREDIT  
Prereq: AGEDS 211, AGEDS 402 AND ADMISSION TO  
TEACHER EDUC PROGRAM. CONCURRENT ENROLLMENT IN  
AGEDS 417 IS REQUIRED.  
1886005 ARRANGED  
MEETS: AUG 20-DEC 14

SUPRV TEACHNG IN AG AGEDS 417 1-16 CREDITS  
Prereq: AGEDS 211, AGEDS 402 & ADMISSION TO  
TEACHER EDUC PROG  
1281005 1 ARRANGED  
MEETS: AUG 20-DEC 14

FARM MGMT&OPERATION AGEDS 450 3 CREDITS  
Prereq: ECON 235, ECON 230, JUNIOR CLASSIFICATION  
1386005 1 T 1:10-3:00  
W 1:10-5:00  
MEETS: AUG 20-DEC 14  
1386010 2 T 1:10-3:00  
R 1:10-5:00  
MEETS: AUG 20-DEC 14

TECNL TRANSFR&AG ED AGEDS 461 3 CREDITS  
Note: Meets international perspectives reqmt  
9564005 1 M 2:10-5:00  
MEETS: AUG 20-DEC 14

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

AG MKTG&COMM COMPET AGEDS 475 1- 2 CREDITS  
Prereq: ADMISSION BY INVITATION  
6063005 1 TR 4:10-5:00  
MEETS: AUG 20-DEC 14

MTHDS TCHG AG MECHN AGEDS 488 3 CREDITS  
Note: COURSE LOCATED OFF CAMPUS, ALLOW 20 MINUTES  
TRAVEL TIME  
5124005 M 2:10-5:00  
W 3:10-5:00  
MEETS: AUG 20-DEC 14

IND STU PHIL,CURRIC AGEDS 490A 1- 3 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
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 LDRSHP,EVAL AGEDS 490B 1- 3 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
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: JR/SR CLASSIFICATION, INSTR PERMISSION  
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: JR/SR CLASSIFICATION, INSTR PERMISSION  
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 INSTR TCHNL AGEDS 490E 1- 3 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
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: JR/SR CLASSIFICATION, INSTR PERMISSION  
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

INDEP STUDY HONORS AGEDS 490H 1- 3 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION,  
MEMBERSHIP IN UNIV HONORS PROGRAM  
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: JR/SR CLASSIFICATION, INSTR PERMISSION  
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

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
7499005 ARRANGED  
MEETS: AUG 20-DEC 14

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, ADVISER, &  
DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
8361005 ARRANGED  
MEETS: AUG 20-DEC 14

PLAN AG ED PROGRAMS AGEDS 501 3 CREDITS  
Prereq: AGEDS 310  
7850005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

METHODS OF TEACH AG AGEDS 502 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN AGEDS 501  
7851005 1 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

PRO PRESENTN PRCTCE AGEDS 511 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
9244005 F 2:10-5:00  
MEETS: AUG 20-DEC 14

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

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 20-DEC 14

PROG DEVEL AG&EXTEN AGEDS 524 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
1301005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Course delivery is WWW

FOUNDATIONS AG EDUC AGEDS 550 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2931005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Course delivery is WWW

TECNL TRANSFR&AG ED AGEDS 561 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: Meets international perspectives reqmt  
1305005 M 2:10-5:00  
MEETS: AUG 20-DEC 14

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

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 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Tuition Category: Workshop

METHODS WORKSHOP AGEDS 593B 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1318005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Tuition Category: Workshop

WORKSHOP EVALUATION AGEDS 593C 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1319005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Tuition Category: Workshop

ADMINISTRN WORKSHP AGEDS 593D 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1320005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Tuition Category: Workshop

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1321005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Tuition Category: Workshop

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1322005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Tuition Category: Workshop

WRKSH PROGRAM PLAN AGEDS 593G 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1323005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Tuition Category: Workshop

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1890005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Tuition Category: Workshop

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
6536005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: 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 15-DEC 14

AGEDS SEMINR ETHICS AGEDS 615B 1 CREDIT  
Satisfactory-Fail Only.  
2938005 1 ARRANGED  
MEETS: OCT 15-DEC 14

SEMNR GRANT WRITING AGEDS 615C 1 CREDIT  
Satisfactory-Fail Only.  
2945005 ARRANGED  
MEETS: AUG 20-OCT 12

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**

PRO DEVEL:ORIENTATN AGRON 110 1 CREDIT  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018  
1390005 1 R 2:10-3:00  
MEETS: AUG 20-DEC 14  
1390010 LT T 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SECTION LT FOR LEARNING COMMUNITY STUDENTS ONLY

INTR RENEW RESOURCS AGRON 120 3 CREDITS  
1382005 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

GLOBL AG IN CHG WLD AGRON 180 3 CREDITS  
Note: Meets international perspectives reqmt  
1850005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

INTRO CROP SCIENCE AGRON 181 3 CREDITS  
1914005 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

INTRO SOIL SCIENCE AGRON 182 3 CREDITS  
Prereq: CHEM 163  
1946005 1 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14  
1946010 2 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

AGRONMST BASC SKILS AGRON 183 1 CREDIT  
Note: COURSE RESTRICTED TO AGRON MAJORS ONLY  
1948005 1 T 9:00-11:50  
MEETS: AUG 20-DEC 14

INTRO WEATHER&CLIMT AGRON 206 3 CREDITS  
1397005 1 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

AGRON CAREER PLANNG AGRON 210 1 CREDIT  
Prereq: SOPHOMORE CLASSIFICATION  
1398005 M 3:10-4:00  
MEETS: AUG 20-DEC 14



## AGRONOMY (CONTINUED)

WEED IDENTIFICATION AGRON 217 1 CREDIT  
Prereq: BIOL 101 OR EQUIVALENT  
7385005 1 W 2:10-5:00  
MEETS: AUG 20-OCT 12  
7385010 2 R 2:10-5:00  
MEETS: AUG 20-OCT 12

GEOSPATIAL TECHNOLG AGRON 270X 3 CREDITS  
8736005 TR 3:40-4:30 ARRANGED  
MEETS: AUG 20-DEC 14

FIELD EXPLORA AGRON AGRON 279 3 CREDITS  
Prereq: AGRON 181 OR EQUIVALENT, AGRON 182  
OR EQUIVALENT  
1069005 1 T 9:00-10:50, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: REQUIRED FIELD WORK/EXPERIENCE AUGUST 7-18  
1069010 2 T 12:10-2:00, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: REQUIRED FIELD WORK/EXPERIENCE AUGUST 7-18

CROP DEVEL, PROD&MGT AGRON 280 3 CREDITS  
Prereq: AGRON 181 OR EQUIVALENT, AGRON 182 OR  
EQUIVALENT  
1086005 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

SOIL CNSRV&LAND USE AGRON 282 3 CREDITS  
Prereq: AGRON 182 OR EQUIVALENT  
1544005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN AGRON 298 R CREDIT  
Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION  
COORDINATOR, SOPHOMORE CLASSIFICATION  
1401005 ARRANGED  
MEETS: AUG 20-DEC 14

PROF DEVEL:WORK EXP AGRON 310 R CREDIT  
Satisfactory-Fail Only.  
1389005 ARRANGED  
MEETS: AUG 20-DEC 14

PROFESNL INTERNSHIP AGRON 311 1 CREDIT  
Prereq: PERMISSION OF ADVISER  
8173005 1 T 1:10-2:00  
MEETS: AUG 20-DEC 14

CROP STRUC-FUNC REL AGRON 316 3 CREDITS  
Prereq: BIOL 212 RECOMMENDED  
1406005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

PRIN OF WEED SCIENC AGRON 317 3 CREDITS  
Prereq: BIOL 211  
1405010 1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

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 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

CROP & SEED ID LAB AGRON 330 2 CREDITS  
Prereq: AGRON 181 OR EQUIVALENT  
1407005 R 3:10-6:00PM  
MEETS: AUG 20-DEC 14

INTERCOLL CROP TEAM AGRON 331 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR. AGRON 330  
RECOMMENDED.  
1408005 MWF 2:10-5:00  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

SEED SCIENCE&TECHNL AGRON 338 3 CREDITS  
Prereq: AGRON 181 (OR EQUIVALENT) OR HORT 221;  
BIOL 212  
1410005 1 TR 9:30-10:45  
R 2:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO SEEDS MAJORS ONLY  
1410010 2 TR 9:30-10:45  
R 2:10-5:00  
MEETS: AUG 20-DEC 14

WORLD FOOD ISSUES AGRON 342 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
1402005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SECTION 1 RESTRICTED TO AGRON, CS A, CS H,  
DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA,  
PDEXH MAJORS ONLY  
1402010 2 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
1402015 3 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
1402020 4 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

## AGRONOMY (CONTINUED)

TURFGRASS ESTAB&MGT AGRON 351 3 CREDITS  
Prereq: HORT 221 OR AGRON 114 OR BIOL 211  
1412005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

TURFGR ESTB&MGT LAB AGRON 351L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN HORT 351  
1413005 A M 2:10-5:00  
MEETS: AUG 20-DEC 14  
1413010 B W 2:10-5:00  
MEETS: AUG 20-DEC 14

SOILS & PLANT GROWTH AGRON 354 3 CREDITS  
Prereq: AGRON 182 OR EQUIVALENT; BIOL 101  
1414015 1 MWF 8:00-8:50  
MEETS: AUG 20-DEC 14

SOIL&PLANT GRWTH LB AGRON 354L 1 CREDIT  
Prereq: AGRON OR HORT MAJOR WITH CREDIT OR  
ENROLLMENT IN AGRON 354  
8362005 A T 9:00-11:50  
MEETS: AUG 20-DEC 14  
8362010 B R 11:00-2:00  
MEETS: AUG 20-DEC 14  
8362015 C R 3:10-6:00PM  
MEETS: AUG 20-DEC 14

FLD EXP SOIL DESCRP AGRON 370 1 CREDIT  
Prereq: AGRON 182 OR EQUIVALENT, PERMISSION  
OF INSTRUCTOR  
1417005 R 3:10-6:00PM  
MEETS: AUG 20-DEC 14

SYST CROP&SOIL MGMT AGRON 392 3 CREDITS  
Prereq: AGRON 316 AND AGRON 354  
4515005 1 MW 1:10-2:00  
M 2:10-5:00  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN AGRON 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION  
1411005 ARRANGED  
MEETS: AUG 20-DEC 14

GLOBAL CHANGE AGRON 404 3 CREDITS  
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
SCIENCES OR ENGINEERING, JUNIOR CLASSIFICATION  
8140600 XW ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

PRO DEVELP SR FORUM AGRON 410 1 CREDIT  
Prereq: SENIOR CLASSIFICATION  
1428005 A T 2:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.agron.iastate.edu/courses/agron410/index.asp>

INTRO PLANT BREEDNG AGRON 421 3 CREDITS  
Prereq: GEN 320 OR BIOL 313  
1431005 1 TR 8:00-9:15  
MEETS: AUG 20-DEC 14

ISSUES SUSTAIN AGRI AGRON 450 3 CREDITS  
9430005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
9430010 2 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SECTION 2 RESTRICTED TO MAJORS OTHER THAN AGRON

GIS FOR GEOSCIENTST AGRON 452 3 CREDITS  
Prereq: GEOL 100, GEOL 201 OR EQUIVALENT  
8577005 MW 3:10-4:00 HARDING C  
MW 4:10-5:00  
MEETS: AUG 20-DEC 14

ENVIR SOIL&WTR CHEM AGRON 459 4 CREDITS  
Prereq: TWO SEMESTERS COLLEGE-LEVEL CHEMISTRY,  
MATH 140, AGRON 182 (OR EQUIVALENT) OR AGRON 360.  
GEOL 100 AND AGRON 354 RECOMMENDED.  
4370005 1 MWF 11:00-11:50  
T 3:10-6:00PM  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY AGRON 490G 1- 3 CREDITS  
Prereq: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON  
INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN  
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: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON  
INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN  
MEMBERSHIP IN THE HONORS PROGRAM  
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

## AGRONOMY (CONTINUED)

IND STU SERVC LEARN AGRON 490Z 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  
7954005 ARRANGED  
MEETS: AUG 20-DEC 14

SEED SCI INTERNSHIP AGRON 491 1- 2 CREDITS  
Prereq: AGRON 338, ADVANCED APPROVAL AND PARTICIPATION OF EMPLOYER AND INSTRUCTOR  
Note: Instructor permission required.  
9369005 1 ARRANGED  
MEETS: AUG 20-DEC 14

AGRONOMY WORKSHOP AGRON 493 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
6804005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Tuition Category: Workshop

AGROECOLOGY FLD CRS AGRON 497 3 CREDITS  
Prereq: JR/SR CLASSIFICATION, 8 CREDITS IN AGRONOMY  
Note: REQUIRED FIELD EXPERIENCE JULY 20-27  
8311010 ARRANGED  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN AGRON 498 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
1416005 ARRANGED  
MEETS: AUG 20-DEC 14

AGROECOSYSTEMS ANALYS AGRON 509 4 CREDITS  
Prereq: SENIOR OR ABOVE CLASSIFICATION  
Note: COURSE RESTRICTED TO SUSAG MAJORS.  
NON-MAJORS MAY SEEK PERMISSION OF INSTRUCTOR TO ADD.  
7812005 1 TR 2:10-3:30, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: REQUIRED FIELD TRIP WEEK BEFORE CLASSES BEGIN

PRIN CULTIVAR DEVEL AGRON 521 3 CREDITS  
Prereq: AGRON 421; STAT 401  
1447005 1 MW 9:00-10:20  
MEETS: AUG 20-DEC 14

APP PLNT MOL GENETC AGRON 524 3 CREDITS  
Prereq: AGRON 506  
6717005 1 ARRANGED  
MEETS: AUG 20-DEC 14

CROP & SOIL MODELING AGRON 525 3 CREDITS  
Prereq: MATH 181 OR MATH 165 OR EQUIVALENT, AGRON 316 OR AGRON 354 OR EQUIVALENT  
7957005 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

SEED PHYSIOLOGY AGRON 538 2 CREDITS  
Prereq: AGRON 316; CHEM 231 OR CHEM 331  
1453005 W 12:10-2:00  
MEETS: AUG 20-DEC 14

NUM WEA&CLIMAT PRED AGRON 540X 3 CREDITS  
8919005 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

GIS FOR GEOSCIENTST AGRON 552 3 CREDITS  
Prereq: GEOL 100, GEOL 201 OR EQUIVALENT  
1490005 MW 3:10-4:00 HARDING C  
MW 4:10-5:00  
F 3:10-5:00  
MEETS: AUG 20-DEC 14

ENVIR SOIL&WTR CHEM AGRON 559 4 CREDITS  
Prereq: AGRON 354 OR ENSCI 360; CHEM 178; MATH 140. CHEM 211 OR CHEM 231 RECOMMENDED  
4371010 1 MWF 11:00-11:50  
T 3:10-6:00PM  
MEETS: AUG 20-DEC 14

POP&QUANT GEN BREED AGRON 561 4 CREDITS  
Prereq: STAT 401  
6460005 1 TR 9:00-10:50  
MEETS: AUG 20-DEC 14

AG&VET RISK ASEMNT AGRON 570 3 CREDITS  
Prereq: STATISTICS 300 LEVEL OR HIGHER  
8557005 ARRANGED  
MEETS: AUG 20-DEC 14

SOIL FORM&TRANSFORM AGRON 575 3 CREDITS  
Prereq: AGRON 463 OR EQUIVALENT  
1463005 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

## AGRONOMY (CONTINUED)

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

CR COMP AG METEOROL AGRON 599A VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1472005 ARRANGED  
MEETS: AUG 20-DEC 14

CR COMP CROP PRD&PH AGRON 599B VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1473005 ARRANGED  
MEETS: AUG 20-DEC 14

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1474005 ARRANGED  
MEETS: AUG 20-DEC 14

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1476005 ARRANGED  
MEETS: AUG 20-DEC 14

CRTV COMPN SOIL MGT AGRON 599F VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1477005 ARRANGED  
MEETS: AUG 20-DEC 14

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1478005 ARRANGED  
MEETS: AUG 20-DEC 14

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1479005 ARRANGED  
MEETS: AUG 20-DEC 14

CR COMP SOIL PHYSCS AGRON 599I VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1480005 ARRANGED  
MEETS: AUG 20-DEC 14

CRTV COMP SEED SCI AGRON 599K VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1639005 ARRANGED  
MEETS: AUG 20-DEC 14

CRTV COMP WEED SCI AGRON 599L VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
1649005 ARRANGED  
MEETS: AUG 20-DEC 14

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 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

ADV SOIL PHYSICS AGRON 677 3 CREDITS  
Prereq: AGRON 577; MATH 266. RECOMMENDED:  
COM S 207.  
1495005 ARRANGED  
MEETS: AUG 20-DEC 14

RESEARCH SEMINAR AGRON 696 1 CREDIT  
Satisfactory-Fail Only.  
8829005 W 4:10-5:30  
MEETS: AUG 20-DEC 14

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  
\*\*\*\*\* 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

AGRONOMY (CONTINUED)

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  
 Prereq: MEMBERSHIP AS A CADET IN AFROTC  
 Satisfactory-Fail Only.  
 7300005 A MWR 6:30-7:30 BALDWIN J  
 T 6:30-7:30  
 MEETS: AUG 20-DEC 14  
 FOUND U S AIR FORCE AFAS 141 1 CREDIT  
 1260005 A T 9:00-9:50 TORRENCE D  
 MEETS: AUG 20-DEC 14  
 1260010 B W 1:10-2:00 TORRENCE D  
 MEETS: AUG 20-DEC 14  
 BASIC LDRSH LAB&TRN AFAS 203 2 CREDITS  
 Prereq: MEMBERSHIP AS A CADET IN AFROTC  
 Satisfactory-Fail Only.  
 7317005 A MWR 6:30-7:30 BALDWIN J  
 T 6:30-7:30  
 MEETS: AUG 20-DEC 14  
 EVOL USAF AIR POWER AFAS 241 1 CREDIT  
 1262005 A W 9:00-9:50 TORRENCE D  
 MEETS: AUG 20-DEC 14  
 1262010 B R 9:00-9:50 TORRENCE D  
 MEETS: AUG 20-DEC 14  
 INTMD LDRSH LAB&TRN AFAS 303 2 CREDITS  
 Prereq: MEMBERSHIP AS A CADET IN AFROTC  
 Satisfactory-Fail Only.  
 7383005 A MWR 6:30-7:30 BALDWIN J  
 T 6:30-7:50  
 MEETS: AUG 20-DEC 14  
 AIR F LDRSHP STDI I AFAS 341 3 CREDITS  
 1264005 A TR 11:00-12:20 BALDWIN J  
 MEETS: AUG 20-DEC 14  
 1264010 B TR 2:10-3:30 BALDWIN J  
 MEETS: AUG 20-DEC 14  
 ADV LDRSHP LAB&TRNG AFAS 403 2 CREDITS  
 Prereq: MEMBERSHIP AS A CADET IN AFROTC  
 Satisfactory-Fail Only.  
 7388005 A MWR 6:30-7:30 BALDWIN J  
 T 6:30-7:50  
 MEETS: AUG 20-DEC 14  
 PREPARATN ACTV DUTY AFAS 441 3 CREDITS  
 1266005 A TR 12:40-2:00 MCTERNAN W  
 MEETS: AUG 20-DEC 14  
 1266010 B TR 4:10-5:30 MCTERNAN W  
 MEETS: AUG 20-DEC 14

**AMERICAN INDIAN STUDIES**

INTR AM INDIAN STDI AM IN 210 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 1506005 A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 1506010 B MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 1506015 C MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 AMERIC INDIANS IOWA AM IN 225 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 8441005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 INTRO AM INDIAN LIT AM IN 240 3 CREDITS  
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150  
 OR ENGL 104  
 Note: Meets U.S. diversity reqmt  
 5612005 A TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

AMERICAN INDIAN STUDIES (CONTINUED)

CNTMPY TOPC AM INDN AM IN 310 3 CREDITS  
 Prereq: AM IN 210 RECOMMENDED  
 Note: Meets U.S. diversity reqmt  
 1044005 A TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 TOPCS NATIVE AM ARC AM IN 426 3 CREDITS  
 Note: NO MORE THAN 6 CREDITS OF ARCH/AM IN/DSN S 426  
 MAY BE APPLIED TO THE ARCHITECTURE DEGREE PROGRAM  
 Meets U.S. diversity reqmt  
 1774005 1A T 7:00-10:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 1A TOPIC: NATIVE AMERICAN ARCHITECTURE.  
 SECTION 1A RESTRICTED TO ARC, ARCH MAJORS ONLY.  
 1774010 1B T 7:00-10:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 1B TOPIC: NATIVE AMERICAN ARCHITECTURE.  
 SECTION 1B RESTRICTED TO MAJORS OTHER THAN ARC, ARCH.  
 INDEPENDENT STUDY AM IN 490 VAR. CREDITS  
 Prereq: 6 CR IN AM IN STUDIES, PERMISSION  
 OF INSTRUCTOR AND 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  
 Note: Meets U.S. diversity reqmt  
 9364005 1 MTWR 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 9364010 2 MTWR 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 9364015 3 MTWR 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 9364020 4 MTWR 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 INTRO TO DEAF-WORLD ASL 107 1 CREDIT  
 Note: Meets U.S. diversity reqmt  
 8371600 XW ARRANGED BUCHHOLZ S  
 MEETS: AUG 20-OCT 12  
 Note: Section XW is off campus  
 Course delivery is WWW  
 INTMD AM SIGN LNG I ASL 201 4 CREDITS  
 Prereq: ASL 102 OR EQUIVALENT  
 9372005 1 MTWR 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 TOPICS DEAF CULTURE ASL 275 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 9396005 1 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 INDEPENDENT STUDY ASL 490 1- 6 CREDITS  
 Prereq: 6 CREDITS IN ASL, PERMISSION OF  
 DEPARTMENT CHAIR  
 Note: NO MORE THAN 6 CREDITS IN ASL 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ANIMAL ECOLOGY**

ECOLOGY A ECL 312 4 CREDITS  
 Prereq: BIOL 211L AND BIOL 212L  
 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  
 MEETS: AUG 20-DEC 14  
 1061004 B TR 8:00-9:15 RUSSELL A  
 MEETS: AUG 20-DEC 14  
 Note: SECTION B IS TEAM BASED LEARNING  
 1061005 1 M 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 1061010 2 M 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 1061015 3 M 11:00-2:00  
 MEETS: AUG 20-DEC 14  
 1061020 4 M 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 1061025 5 M 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 1061030 6 M 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 1061040 7 T 10:00-1:00  
 MEETS: AUG 20-DEC 14  
 1061045 8 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 1061050 9 T 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 1061055 10 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 1061060 11 W 8:00-11:50  
 MEETS: AUG 20-DEC 14  
 1061065 12 W 9:00-12:50  
 MEETS: AUG 20-DEC 14

## ANIMAL ECOLOGY

(CONTINUED)

ECOLOGY A ECL 312 4 CREDITS  
 1061070 13 W 11:00-2:00  
 MEETS: AUG 20-DEC 14  
 1061075 14 W 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 1061080 15 W 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 1061085 16 W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 1061090 17 R 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 1061095 18 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 1061100 19 R 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 1061105 20 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

FISHERIES TECHNIQS A ECL 333 2 CREDITS  
 Prereq: BIOL 212  
 4065005 M 4:10-5:00  
 M 1:10-4:00  
 MEETS: AUG 20-DEC 14

VERTEBRATE BIOLOGY A ECL 365 4 CREDITS  
 Prereq: BIOL 212, BIOL 212L  
 1062005 1 MWF 9:00-9:50  
 T 6:00-8:00PM  
 MEETS: AUG 20-DEC 14  
 1062010 2 MWF 9:00-9:50  
 T 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 1062015 3 MWF 9:00-9:50  
 T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 1062020 4 MWF 9:00-9:50  
 T 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 1062025 5 MWF 9:00-9:50  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 1062030 6 MWF 9:00-9:50  
 W 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 1062035 7 MWF 9:00-9:50  
 W 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 1062040 8 MWF 9:00-9:50  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 1062045 9 MWF 9:00-9:50  
 R 12:10-2:00  
 MEETS: AUG 20-DEC 14

ECOLOGICAL METHODS A ECL 371 3 CREDITS  
 Prereq: A ECL 312; STAT 101 OR STAT 104  
 1073005 1 MW 12:10-1:00  
 T 9:30-12:20  
 MEETS: AUG 20-DEC 14  
 1073010 2 MW 12:10-1:00  
 R 11:00-2:00  
 MEETS: AUG 20-DEC 14

FISHERY MANAGEMENT A ECL 440 3 CREDITS  
 Prereq: A ECL 312, A ECL 321, STAT 101 OR  
 STAT 104; CREDIT OR ENROLLMENT IN A ECL 486  
 1076005 1 MW 9:00-9:50  
 W 2:10-5:00  
 MEETS: AUG 20-DEC 14

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 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

HERPETOLOGY A ECL 457 2 CREDITS  
 Prereq: BIOL 351 OR A ECL/BIOL 365  
 2751005 1 MW 11:00-11:50  
 MEETS: AUG 20-DEC 14

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 20-DEC 14  
 7948010 2 T 11:00-1:50  
 MEETS: AUG 20-DEC 14

AQUATIC ECOLOGY A ECL 486 3 CREDITS  
 Prereq: BIOL 312 OR ENSCI 381 OR ENSCI 402 OR  
 NREM 301  
 1074005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

## ANIMAL ECOLOGY

(CONTINUED)

AQUATIC ECOLOGY LAB A ECL 486L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN A ECL 486 OR  
 BIOL 486  
 1512005 1 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 1512010 2 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

FISHERY MANAGEMENT A ECL 540 3 CREDITS  
 Prereq: A ECL 312, A ECL 321; STAT 101 OR  
 STAT 104; CREDIT OR ENROLLMENT IN A ECL 486  
 1101005 1 MW 9:00-9:50  
 W 2:10-5:00  
 MEETS: AUG 20-DEC 14

BEHAVIORAL ECOLOGY A ECL 551 3 CREDITS  
 Prereq: A COURSE IN ECOLOGY OR ANIMAL BEHAVIOR  
 Note: Instructor permission required 1st week.  
 1104005 MW 10:00-10:50  
 F 9:00-10:50  
 MEETS: AUG 20-DEC 14

POPULATION ECOLOGY A ECL 589 3 CREDITS  
 Prereq: BIOL 312; STAT 101 OR STAT 104; A  
 CALCULUS OR GRADUATE STANDING  
 1087005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

CREATIVE COMPONENT A ECL 599 VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ANALYS OF POPULATNS A ECL 611 3 CREDITS  
 Prereq: BIOL 312, STAT 401, A COURSE IN CALCULUS  
 8093005 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

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

WORKING WITH ANIMALS AN S 101 2 CREDITS  
 1527005 1 W 1:10-2:00  
 F 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 1527010 2 W 1:10-2:00  
 F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 1527015 3 W 1:10-2:00  
 F 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 1527020 4 W 1:10-2:00  
 F 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 1527025 5 T 12:40-1:30  
 F 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 1527030 6 T 12:40-1:30  
 F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 1527035 7 T 12:40-1:30  
 F 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 1527040 8 T 12:40-1:30  
 F 2:10-4:00  
 MEETS: AUG 20-DEC 14

ORIENTATION IN AN S AN S 110 1 CREDIT  
 Note: COURSE RESTRICTED TO AN S, DY S, GENFV MAJORS  
 1518005 1 T 2:10-3:00  
 R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 1518010 2 T 2:10-3:00  
 R 3:10-4:00  
 MEETS: AUG 20-DEC 14

SURVEY ANIMAL INDUS AN S 114 2 CREDITS  
 1519005 A MW 8:00-8:50  
 MEETS: AUG 20-DEC 14

PRA SAFE EQUIN HNDL AN S 116 1 CREDIT  
 Satisfactory-Fail Only.  
 9373005 1 TR 2:10-4:00  
 MEETS: OCT 15-DEC 14

LVSTCK HANDL,SAFE,W AN S 190 2 CREDITS  
 Prereq: AN S 101  
 2885005 1 M 12:10-3:00  
 F 12:10-2:00  
 MEETS: OCT 15-DEC 14  
 Note: Instructor permission required.

## ANIMAL SCIENCE (CONTINUED)

LVSTOCK ART&HERITAG AN S 207 3 CREDITS  
9478005 1 TR 8:00-9:15  
MEETS: AUG 20-DEC 14

CAREER PREP AN SCI AN S 210 1 CREDIT  
Prereq: SOPHOMORE CLASSIFICATION IN AN S  
1621005 1 R 3:10-5:00  
MEETS: AUG 20-DEC 14  
1621010 2 R 3:10-5:00  
MEETS: AUG 20-DEC 14

ISSUES FACING AN S AN S 211 1 CREDIT  
Prereq: 114, SOPHOMORE CLASSIFICATION  
Satisfactory-Fail Only.  
1542005 1 T 4:10-6:00PM  
MEETS: AUG 20-DEC 14

DOMEST ANIM PHYSIOL AN S 214 3 CREDITS  
Prereq: BIOL 212, CHEM 163 OR CHEM 177  
1521010 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

DOM AN ANAT&PHY LAB AN S 214L 1 CREDIT  
1545005 1 T 8:00-9:50  
MEETS: AUG 20-DEC 14  
1545010 2 T 10:00-11:50  
MEETS: AUG 20-DEC 14  
1545015 3 T 12:10-2:00  
MEETS: AUG 20-DEC 14  
1545020 4 R 12:10-2:00  
MEETS: AUG 20-DEC 14  
1545025 5 R 2:10-4:00  
MEETS: AUG 20-DEC 14  
1545030 6 T 2:10-4:00  
MEETS: AUG 20-DEC 14  
1545035 7 R 10:00-11:50  
MEETS: AUG 20-DEC 14

EQUINE SCIENCE AN S 216 3 CREDITS  
Prereq: 101 OR 114; ONE COURSE IN BIOLOGY  
4825005 1 TR 9:00-9:50  
M 10:00-11:50  
MEETS: AUG 20-DEC 14  
4825010 2 TR 9:00-9:50  
M 12:10-2:00  
MEETS: AUG 20-DEC 14  
4825015 3 TR 9:00-9:50  
M 2:10-4:00  
MEETS: AUG 20-DEC 14

EQUINE FARM PRACTCM AN S 217 2 CREDITS  
Prereq: AN S 116 OR EQUIVALENT EXPERIENCE,  
CREDIT OR ENROLLMENT IN AN S 216  
1690005 1 T 11:00-11:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THERE IS A \$285 FEE ASSOCIATED WITH THIS COURSE

POULTRY SCIENCE AN S 223 3 CREDITS  
Prereq: 101, 114  
1695005 1 MW 11:00-11:50  
T 10:00-11:50  
MEETS: AUG 20-DEC 14

SWINE SCIENCE AN S 225 3 CREDITS  
Prereq: AN S 114, AN S 101  
Note: SEC 1A,2A,ETC. RESTRICTED TO AN S, DY S MAJORS.  
SEC 1B,2B,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 1A MF 10:00-10:50  
W 10:00-11:50  
MEETS: AUG 20-DEC 14  
1725010 1B MF 10:00-10:50  
W 10:00-11:50  
MEETS: AUG 20-DEC 14  
1725015 2A MF 10:00-10:50  
W 12:10-2:00  
MEETS: AUG 20-DEC 14  
1725020 2B MF 10:00-10:50  
W 12:10-2:00  
MEETS: AUG 20-DEC 14  
1725025 3A MF 10:00-10:50  
W 2:10-4:00  
MEETS: AUG 20-DEC 14  
1725030 3B MF 10:00-10:50  
W 2:10-4:00  
MEETS: AUG 20-DEC 14  
1725035 4A MF 10:00-10:50  
W 8:00-9:50  
MEETS: AUG 20-DEC 14  
1725040 4B MF 10:00-10:50  
W 8:00-9:50  
MEETS: AUG 20-DEC 14

## ANIMAL SCIENCE (CONTINUED)

BEEF CATTLE SCIENCE AN S 226 3 CREDITS  
Prereq: 114, 101  
Note: SEC 1A,2A,ETC. RESTRICTED TO AN S, DY S MAJORS.  
SEC 1B,2B,ETC. RESTRICTED TO MAJORS OTHER THAN AN S,  
DY S.  
1726005 1A MW 9:00-9:50  
R 8:00-9:50  
MEETS: AUG 20-DEC 14  
1726010 1B MW 9:00-9:50  
R 8:00-9:50  
MEETS: AUG 20-DEC 14  
1726015 2A MW 9:00-9:50  
R 10:00-11:50  
MEETS: AUG 20-DEC 14  
1726020 2B MW 9:00-9:50  
R 10:00-11:50  
MEETS: AUG 20-DEC 14  
1726025 3A MW 9:00-9:50  
R 12:10-2:00  
MEETS: AUG 20-DEC 14  
1726030 3B MW 9:00-9:50  
R 12:10-2:00  
MEETS: AUG 20-DEC 14  
1726035 4A MW 9:00-9:50  
R 2:10-4:00  
MEETS: AUG 20-DEC 14  
1726040 4B MW 9:00-9:50  
R 2:10-4:00  
MEETS: AUG 20-DEC 14

DAIRY CATTLE SCIENC AN S 235 3 CREDITS  
Prereq: 101, 114  
1523005 1 TR 1:10-2:00  
W 8:00-9:50  
MEETS: AUG 20-DEC 14  
1523010 2 TR 1:10-2:00  
W 10:00-11:50  
MEETS: AUG 20-DEC 14  
1523015 3 TR 1:10-2:00  
W 12:10-2:00  
MEETS: AUG 20-DEC 14  
1523020 4 TR 1:10-2:00  
W 2:10-4:00  
MEETS: AUG 20-DEC 14

FOODS ANIMAL ORIGIN AN S 270 2 CREDITS  
Prereq: BIOL 212, CHEM 163 OR CHEM 177  
1524010 1 TR 8:00-8:50  
MEETS: AUG 20-DEC 14

FOODS ANIM ORIG LAB AN S 270L 1 CREDIT  
Prereq: CREDIT OR CURRENT ENROLLMENT IN AN S 270  
7169005 1 W 8:00-9:50  
MEETS: AUG 20-DEC 14  
7169010 2 W 10:00-11:50  
MEETS: AUG 20-DEC 14  
7169015 3 W 12:10-2:00  
MEETS: AUG 20-DEC 14

LIVESTOCK EVALUATN AN S 305 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION; AN S 270L  
RECOMMENDED  
1526005 A TR 2:10-5:00  
MEETS: AUG 20-DEC 14

ADV CAREER PREP:VET AN S 310A 1 CREDIT  
Note: ONLY ONE CREDIT FROM THE FOLLOWING COURSES  
MAY BE APPLIED TOWARD GRADUATION: AN S 310A,  
AN S 310B, AN S 310C  
Satisfactory-Fail Only.  
8821005 1 F 8:00-8:50  
MEETS: AUG 20-DEC 14

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 2018.  
9192005 1 TR 2:10-4:00  
MEETS: AUG 20-OCT 12

ANIMAL NUTRITION AN S 319 3 CREDITS  
Prereq: 214, COURSE IN ORGANIC CHEM OR BIOCHEM  
1529005 1 TR 8:00-9:20  
MEETS: AUG 20-DEC 14

ANIML FEEDS&FEEDING AN S 320 3 CREDITS  
Prereq: 319  
1635010 2 MW 8:00-8:50  
F 8:00-9:50  
MEETS: AUG 20-DEC 14  
1635015 3 MW 8:00-8:50  
F 10:00-11:50  
MEETS: AUG 20-DEC 14  
1635020 4 MW 8:00-8:50  
F 12:10-2:00  
MEETS: AUG 20-DEC 14

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

FOOD PRC CMPAN ANIM AN S 324 3 CREDITS  
 Prereq: AN S 319, JUNIOR CLASSIFICATION  
 9443005 1 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

DOMSTC ANIM REPRODU AN S 331 3 CREDITS  
 Prereq: AN S 214, OR BIOL 255 AND BIOL 256,  
 OR BIOL 335, OR B M S 329  
 1531005 1 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

ANIM REPROD LAB MTH AN S 332A 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN AN S 331  
 1532005 1 W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

EMBRYO TRANSFER&TCH AN S 333 3 CREDITS  
 Prereq: 331 OR 332  
 4617005 1 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

EMBRYO TRANSFER LAB AN S 334 1 CREDIT  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
 AN S 333; OR AN S 332; PERMISSION OF INSTRUCTOR  
 5088005 1 F 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

DOMESTIC ANIM BEHAVR AN S 336 3 CREDITS  
 Prereq: ONE COURSE IN PHYSIOLOGY  
 1938005 1 TR 12:10-1:00  
 W 8:00-9:50  
 MEETS: AUG 20-DEC 14

1938010 2 TR 12:10-1:00  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14

GENET IMPRV DOM ANI AN S 352 3 CREDITS  
 Prereq: ONE COURSE IN STATISTICS, BIOL 211/201,  
 COURSE IN GENETICS  
 1534010 1 MW 10:00-10:50  
 T 8:00-9:50  
 MEETS: AUG 20-DEC 14

1534015 2 MW 10:00-10:50  
 T 10:00-11:50  
 MEETS: AUG 20-DEC 14

1534005 3 MW 10:00-10:50  
 T 12:10-2:00  
 MEETS: AUG 20-DEC 14

1534020 4 MW 10:00-10:50  
 T 2:10-4:00  
 MEETS: AUG 20-DEC 14

FRESH MEATS AN S 360 3 CREDITS  
 Prereq: 270; COURSE IN ORGANIC OR BIOCHEMISTRY  
 1536005 1 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS  
 Prereq: PERMISSION OF THE INSTRUCTOR  
 1538005 ARRANGED  
 MEETS: AUG 20-DEC 14

SUPERV'D INTERNSHIP AN S 399B R CREDIT  
 Prereq: PERMISSION OF INTERNSHIP COORDINATOR  
 2258005 ARRANGED  
 MEETS: AUG 20-DEC 14

ISSUES ANIMAL SCIEN AN S 411 1 CREDIT  
 Prereq: SENIOR CLASSIFICATION IN AN S  
 1713005 1 T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

EQUINE SYSTEMS MGMT AN S 415 3 CREDITS  
 Prereq: 216, 319, 320, 331  
 8779005 1 TR 12:40-1:30  
 W 12:10-2:00  
 MEETS: AUG 20-DEC 14

8779010 2 TR 12:40-1:30  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14

ADV ANIML NUTRITION AN S 419 2 CREDITS  
 Prereq: AN S 214, AN S 319  
 1756005 A TR 3:10-4:00  
 MEETS: AUG 20-DEC 14

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. ECON 230 OR EQUIVALENT  
 IS RECOMMENDED.  
 1549005 1 MF 1:10-2:00  
 W 12:10-2:00  
 MEETS: AUG 20-DEC 14

1549010 2 MF 1:10-2:00  
 W 2:10-4:00  
 MEETS: AUG 20-DEC 14

1549015 3 MF 1:10-2:00  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14

1549020 4 MF 1:10-2:00  
 W 8:00-9:50  
 MEETS: AUG 20-DEC 14

DAIRY SYSTEMS MGMT AN S 434 3 CREDITS  
 Prereq: 235, 319, 320, 331, 337, 352. ECON 230 OR  
 EQUIVALENT IS RECOMMENDED.  
 1552005 1 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

JUDGING MEAT ANIMAL AN S 475A 1- 2 CREDITS  
 Prereq: ADMISSION BY INVITATION  
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED  
 TOWARD GRADUATION  
 1556005 ARRANGED  
 MEETS: AUG 20-DEC 14

JUDGNG DAIRY CATTLE AN S 475B 1- 2 CREDITS  
 Prereq: ADMISSION BY INVITATION  
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED  
 TOWARD GRADUATION  
 1557005 ARRANGED  
 MEETS: AUG 20-DEC 14

JUDGING MEATS AN S 475C 1- 2 CREDITS  
 Prereq: ADMISSION BY INVITATION  
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED  
 TOWARD GRADUATION  
 1558005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

1558010 2 R 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 2: NOVICE. OFFERED FOR 1 CREDIT ONLY.

BEEF INDU LDR FELLOW AN S 480A 1 CREDIT  
 Prereq: 226, INSTRUCTOR PERMISSION  
 Satisfactory-Fail Only.  
 8710005 1 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

PORK INDU LDR FELLOW AN S 480C 1 CREDIT  
 Prereq: 225, INSTRUCTOR PERMISSION  
 Satisfactory-Fail Only.  
 4509005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

IND STDY ANIMAL SCI AN S 490A 1- 3 CREDITS  
 Prereq: PERMISSION OF THE 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

IND STUDY DAIRY SCI AN S 490B 1- 3 CREDITS  
 Prereq: PERMISSION OF THE 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 THE 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

IND STU CMPANION AN AN S 490D 1- 3 CREDITS  
 Prereq: PERMISSION OF THE 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

IND STU POULTRY SCI AN S 490G 1- 3 CREDITS  
 Prereq: PERMISSION OF THE 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 STUDY HONORS AN S 490H 1- 3 CREDITS  
 Prereq: PERMISSION OF THE INSTRUCTOR, MEMBERSHIP  
 IN THE HONORS PROGRAM  
 Note: NO MORE THAN 6 CREDITS OF AN S 490 MAY BE APPLIED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.  
 RESTRICTED TO STUDENTS IN THE UNIV HONORS PROGRAM.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORKSHP IN ANIM SCI AN S 493 1- 3 CREDITS  
 Prereq: PERMISSION OF THE INSTRUCTOR  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018  
 7744005 1 F 8:00-8:50, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Tuition Category: Workshop

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



## ANIMAL SCIENCE (CONTINUED)

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 20-DEC 14

GUT MICROBIOME:HLTH AN S 517X 3 CREDITS  
Prereq: BASIC KNOWLEDGE IN MICROBIOLOGY  
7735005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

ADV VERTB PHYSIOL I AN S 549 4 CREDITS  
Prereq: RECOMMENDED: AN UNDERGRADUATE PHYSIOLOGY  
COURSE AND A BIOCHEMISTRY COURSE  
7196005 TR 8:00-9:50  
MEETS: AUG 20-DEC 14

POP&QUANT GEN BREED AN S 561 4 CREDITS  
Prereq: STAT 401  
6459005 1 TR 9:00-10:50  
MEETS: AUG 20-DEC 14

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

SPCL TOP DAIRY PROD AN S 590D 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 MUSCLE BIOL AN S 590G 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

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 4:10-5:00  
MEETS: AUG 20-DEC 14

ADV NUTRI--ENERGY AN S 620 2 CREDITS  
Prereq: BBMB 405  
Note: Instructor permission required 1st week.  
1595005 1 T 2:10-4:00  
MEETS: AUG 20-DEC 14

## ANIMAL SCIENCE (CONTINUED)

SEMN ANIMAL REPROD AN S 633 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
1596005 ARRANGED  
MEETS: AUG 20-DEC 14

POULT&SWINE BREEDNG AN S 653A 2 CREDITS  
Prereq: 561 RECOMMENDED  
Note: Instructor permission required 1st week.  
1599005 1 ARRANGED  
MEETS: AUG 20-DEC 14

COMPUT&PREDCT BREED AN S 655A 2 CREDITS  
Prereq: 500, 562, COM S 207  
6386005 1 ARRANGED  
MEETS: AUG 20-DEC 14

COMPUTN&GENET ESTIM AN S 655B 2 CREDITS  
Prereq: AN S 500, AN S 562, COM S 207  
6393005 1 ARRANGED  
MEETS: AUG 20-DEC 14

SEM AN BREEDG&GENET AN S 658 1 CREDIT  
7083005 T 2:10-3:00  
MEETS: AUG 20-DEC 14

MOLECUL BIOL MUSCLE AN S 670 3 CREDITS  
Prereq: BBMB 405, BBMB 420, OR BBMB 502  
1602005 1 ARRANGED  
MEETS: AUG 20-DEC 14

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 9:00-9:50  
M 10:00-10:50  
MEETS: AUG 20-DEC 14

1615010 2 MW 9:00-9:50  
M 11:00-11:50  
MEETS: AUG 20-DEC 14

1615015 3 MW 9:00-9:50  
M 12:10-1:00  
MEETS: AUG 20-DEC 14

1615020 4 MW 9:00-9:50  
M 1:10-2:00  
MEETS: AUG 20-DEC 14

1615025 5 MW 9:00-9:50  
M 2:10-3:00  
MEETS: AUG 20-DEC 14

1615030 6 MW 9:00-9:50  
M 3:10-4:00  
MEETS: AUG 20-DEC 14

1615035 7 MW 9:00-9:50  
T 9:00-9:50  
MEETS: AUG 20-DEC 14

1615040 8 MW 9:00-9:50  
T 10:00-10:50  
MEETS: AUG 20-DEC 14

1615045 9 MW 9:00-9:50  
T 11:00-11:50  
MEETS: AUG 20-DEC 14

1615600 XW ARRANGED  
MEETS: OCT 15-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

1615050 10 MW 9:00-9:50  
T 12:10-1:00  
MEETS: AUG 20-DEC 14

1615055 11 MW 9:00-9:50  
T 1:10-2:00  
MEETS: AUG 20-DEC 14

1615060 12 MW 9:00-9:50  
T 2:10-3:00  
MEETS: AUG 20-DEC 14

ANTHROPOLOGY (CONTINUED)

INTR BIOL AN&ARCHEO ANTHR 202 3 CREDITS  
1616005 1 MW 11:00-11:50  
R 10:00-10:50  
MEETS: AUG 20-DEC 14

1616010 2 MW 11:00-11:50  
R 11:00-11:50  
MEETS: AUG 20-DEC 14

1616015 3 MW 11:00-11:50  
R 12:10-1:00  
MEETS: AUG 20-DEC 14

1616020 4 MW 11:00-11:50  
R 1:10-2:00  
MEETS: AUG 20-DEC 14

1616025 5 MW 11:00-11:50  
R 2:10-3:00  
MEETS: AUG 20-DEC 14

1616600 XW ARRANGED  
MEETS: OCT 15-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

GLOBAL SUSTAINABLT ANTHR 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  
3753600 XW ARRANGED HALLAM A  
MEETS: SEPT 3-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

AMERIC INDIANS IOWA ANTHR 225 3 CREDITS  
Note: Meets U.S. diversity reqmt  
8442005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

GLOBALZAT&HUMN COND ANTHR 230 3 CREDITS  
Note: Meets international perspectives reqmt  
7017005 1 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

ARCHAEOLOGY ANTHR 308 3 CREDITS  
Prereq: 202  
Note: Instructor permission required 1st week.  
1619005 1 MW 10:00-10:50  
F 8:00-9:50  
MEETS: AUG 20-DEC 14

1619010 2 MW 10:00-10:50  
F 10:00-11:50  
MEETS: AUG 20-DEC 14

1619015 3 MW 10:00-10:50  
F 1:10-3:00  
MEETS: AUG 20-DEC 14

1619020 4 MW 10:00-10:50  
F 3:10-5:00  
MEETS: AUG 20-DEC 14

INTRO CULTUR&LANGUA ANTHR 309 3 CREDITS  
Prereq: ANTHR 201 RECOMMENDED  
Note: Meets international perspectives reqmt  
1620600 XW ARRANGED VIATORI M  
MEETS: OCT 15-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

ASIAN AM MATRL CULT ANTHR 333 3 CREDITS  
Note: Meets U.S. diversity reqmt  
9136005 TR 8:00-9:20 DUSSELIER J  
MEETS: AUG 20-DEC 14

GLOBAL DEVELOPMENT ANTHR 336 3 CREDITS  
Prereq: 201 OR 306  
Note: Meets international perspectives reqmt  
3366005 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

MAGIC,WITHC,&RELIG ANTHR 340 3 CREDITS  
Prereq: 201 OR 306  
Note: Meets international perspectives reqmt  
1634005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

GRK ARCHAE:TO 700BC ANTHR 376A 3 CREDITS  
Note: Meets international perspectives reqmt  
2334005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

ROMN ARCHAE TO400CE ANTHR 376C 3 CREDITS  
Note: Meets international perspectives reqmt  
1151005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

PROFESNL PREP ANTHR ANTHR 425 2 CREDITS  
Prereq: JUNIOR CLASSIFICATION IN ANTHROPOLOGY OR  
PERMISSION FROM THE INSTRUCTOR  
Note: COURSE RESTRICTED TO ANTHR JUNIORS & SENIORS ONLY  
Satisfactory-Fail Only.  
9185005 W 3:10-5:00  
MEETS: AUG 20-DEC 14

ANTHROPOLOGY (CONTINUED)

INTERNSHIP ARCHAEO ANTHR 434A 2- 6 CREDITS  
Prereq: JUNIOR OR SENIOR STANDING  
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.  
7718001 ARRANGED  
MEETS: AUG 20-DEC 14

INTERNSHIP CULTRL A ANTHR 434B 2- 6 CREDITS  
Prereq: JUNIOR OR SENIOR STANDING  
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.  
1031005 ARRANGED  
MEETS: AUG 20-DEC 14

INTERNSHP BIOLOGC A ANTHR 434C 2- 6 CREDITS  
Prereq: JUNIOR OR SENIOR STANDING  
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 2018.  
Satisfactory-Fail Only.  
1072005 ARRANGED  
MEETS: AUG 20-DEC 14

INTERNSHP LINGUIS A ANTHR 434D 2- 6 CREDITS  
Prereq: JUNIOR OR SENIOR STANDING  
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 2018.  
Satisfactory-Fail Only.  
1094005 ARRANGED  
MEETS: AUG 20-DEC 14

HISTORIC&THEORETICL ANTHR 450 3 CREDITS  
Prereq: 306  
6249005 1 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

PRACTICUM ARCHAEO ANTHR 451A 1- 3 CREDITS  
Prereq: 201 OR 202 OR 308  
Note: Instructor permission required.  
4780015 MH ARRANGED  
MEETS: AUG 20-DEC 14

4780010 NC ARRANGED  
MEETS: AUG 20-DEC 14

PRACTICM CULTURAL A ANTHR 451B 1- 3 CREDITS  
Prereq: 201 OR 202 OR 308  
Note: Instructor permission required.  
1095010 JD ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION JD OFFERED FOR 3 CREDITS

PRACTICM LINGUIST A ANTHR 451D 1- 3 CREDITS  
Prereq: 201 OR 202 OR 308  
Note: Instructor permission required.  
1167005 MV ARRANGED  
MEETS: AUG 20-DEC 14

INDEP STDY ARCHAEO ANTHR 490A 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHROPOLOGY  
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 CULTR ANTHR ANTHR 490B 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHROPOLOGY  
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 BIOL ANTHRO ANTHR 490C 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHROPOLOGY  
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 STDY LING ANTHR ANTHR 490D 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHROPOLOGY  
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

ANTHROPOLOGY (CONTINUED)

INDEP STUDY HONORS ANTHR 490H 1- 5 CREDITS  
 Prereq: 9 CREDITS IN ANTHROPOLOGY, MEMBERSHIP IN THE HONORS PROGRAM  
 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

BIOLG ANTHRO&ARCHAE ANTHR 503 3 CREDITS  
 Prereq: ANTHR 307, ANTHR 308  
 Note: Instructor permission required 1st week.  
 1646005 1 W 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

THEORETCL CULT ANTH ANTHR 510 3 CREDITS  
 Prereq: 6 CREDITS IN ANTHROPOLOGY  
 Note: Instructor permission required 1st week.  
 1647005 1 T 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

GLOBAL DEVELOPMENT ANTHR 536 3 CREDITS  
 Prereq: 201 OR 306  
 3464005 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

MAGIC,WITHC,&RELIG ANTHR 540 3 CREDITS  
 Prereq: 6 CR IN ANTHR; 201 OR 306 RECOMMENDED  
 Note: Meets international perspectives reqmt  
 7687005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

SEMNAR FORENSIC SCI ANTHR 541 1 CREDIT  
 Prereq: ONE 200-LEVEL SCIENCE COURSE OR GRADUATE CLASSIFICATION  
 5249005 W 3:10-4:00  
 MEETS: AUG 20-DEC 14

RSRCH&PRSNT FORENSC ANTHR 542 1 CREDIT  
 5259005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 5259110 KK ARRANGED  
 MEETS: AUG 20-DEC 14

GRAD INDEPNDNT STDY ANTHR 590 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ANTHROPOLOGY ORIENT ANTHR 591 1 CREDIT  
 Prereq: ADMISSION TO THE ANTHROPOLOGY GRADUATE PROGRAM  
 Note: COURSE RESTRICTED TO GRADUATE ANTHR MAJORS ONLY  
 Satisfactory-Fail Only.  
 8044005 A M 5:10-7:00PM  
 MEETS: AUG 20-OCT 12

FOUND SUSTAINBLE AG ANTHR 610 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: COURSE IS FOR SUSAG MAJORS. NON-MAJORS BY PERMISSION OF THE INSTRUCTOR.  
 7585005 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

RESEARCH ANTHR 699 VAR. CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**APPAREL, EVENTS & HOSPITALITY MGMT**

ORIENTATN FOR AESHM AESHM 112 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN AESHM 113  
 5099005 1A M 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 1A RESTRICTED TO EVENT AND HSP M HSP M FRESHMEN ONLY

5099010 1B M 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 1B RESTRICTED TO EVENT AND HSP M SOPHOMORES, JUNIORS AND SENIORS

5099015 1C M 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 1C RESTRICTED TO A M D FRESHMEN

5099020 1D M 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 1D RESTRICTED TO A M D SOPHOMORES, JUNIORS AND SENIORS

PRO DEV:EVENT&HSPPTY AESHM 113E 1 CREDIT  
 1396005 1 M 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO EVENT AND HSP M FRESHMEN

1396010 2 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO EVENT AND HSP M FRESHMEN

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)

PRO DEV:APPARL,MRCH AESHM 113N 1 CREDIT  
 1232005 1 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO A M D FRESHMEN

1232010 2 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO A M D FRESHMEN

SUPV WRK EXP I:HSPY AESHM 170D 1 CREDIT  
 Prereq: ADVISER 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 ARRANGED  
 MEETS: AUG 20-DEC 14

SUPV WRK EXP I:EVNT AESHM 170F 1 CREDIT  
 Prereq: ADVISER 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.  
 1113005 ARRANGED  
 MEETS: AUG 20-DEC 14

SPV WRK EXP I:APPAR AESHM 170N 1 CREDIT  
 Prereq: ADVISER PERMISSION REQUIRED; FRESHMAN CLASSIFICATION  
 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.  
 1125005 ARRANGED  
 MEETS: OCT 15-DEC 14

FLD STU:EVENT&HSPPTY AESHM 180E 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 8111005 F 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

FLD STU:APPARL,MRCH AESHM 180N 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 8085005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

PRE-PRO STRATEGIES AESHM 213X 1 CREDIT  
 Prereq: TRANSFER STUDENT OR CHANGE OF MAJOR TO A M D, EVENT, OR HSP M  
 7567005 1 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO EVENT, HSP M MAJORS ONLY

7567010 2 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO A M D MAJORS ONLY

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, ADVISER 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 ARRANGED  
 MEETS: AUG 20-DEC 14

SUP WRK EXP II:EVNT AESHM 270F 1- 2 CREDITS  
 Prereq: 6 CREDITS IN AESHM OR HSP M OR EVENT; MINIMUM 2.0 GPA; ADVISER PERMISSION REQ'D; EMPLOYER LOCATION SHOULD BE DIFFERENT THAN EMPLOYER LOCATION USED FOR AESHM 170 AND AESHM 470  
 Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 Instructor permission required.  
 1203005 ARRANGED  
 MEETS: AUG 20-DEC 14

SUP WRK EXP II:APPA AESHM 270N 1- 2 CREDITS  
 Prereq: MINIMUM 2.0 GPA; ADVISER PERMISSION REQUIRED; SOPHOMORE A M D CLASSIFICATION  
 Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 Instructor permission required.  
 1270005 ARRANGED  
 MEETS: OCT 15-DEC 14

## APPAREL, EVENTS &amp; HOSPITALITY MGMT (CONTINUED)

FASHN SHOW PROD&PRM AESHM 272 1- 3 CREDITS  
Prereq: APPLICATION AND INSTRUCTOR PERMISSION.  
APPLICATION FORM AVAILABLE FROM AESHM DEPT OFFICE.  
Note: NO MORE THAN 4 CREDITS OF AESHM 272 MAY  
BE APPLIED TOWARD GRADUATION. COURSE ONLY OFFERED  
FOR 2 CREDITS FALL 2017.

9593005 1A MW 4:10-5:00  
MEETS: AUG 20-DEC 14

9593010 1B MW 4:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SECTION 1A RESTRICTED TO A M D FRESHMEN ONLY

9593015 1C MW 4:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SECTION 1B RESTRICTED TO A M D SOPH AND JUNIORS

9593020 1D MW 4:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SECTION 1C RESTRICTED TO EVENT, HSP M MAJORS

ORIEN INT'L FLD STU AESHM 281 1 CREDIT

1293005 1 W 4:10-5:00  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

1293010 2 W 4:10-5:00  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

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 1A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SECTION 1A RESTRICTED TO HSP M, EVENT MAJORS

4608010 1B MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

4608015 1C MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SECTION 1B RESTRICTED TO A M D MAJORS ONLY

Note: SECTION 1C RESTRICTED TO MAJORS OTHER THAN  
HSP M, A M D, EVENT

SEM CAREERS:EVENT&H AESHM 311E 1 CREDIT  
Prereq: AESHM 113E, SOPHOMORE CLASSIFICATION  
Note: COURSE RESTRICTED TO HSP M, EVENT, FCEDS MAJORS

1517005 1 ARRANGED  
MEETS: AUG 20-OCT 12  
Note: Course delivery is WWW

1517010 2 ARRANGED  
MEETS: OCT 15-DEC 14  
Note: Course delivery is WWW

SEM CAREERS:APPAREL AESHM 311N 1 CREDIT  
Prereq: AESHM 113N, SOPHOMORE CLASSIFICATION

1624005 1 T 5:10-6:00PM  
MEETS: AUG 20-OCT 12  
Note: SECTION 1 RESTRICTED TO AMDP MAJORS ONLY

1624010 2 T 5:10-6:00PM  
MEETS: OCT 15-DEC 14

HSPTY&APPARL MARKTG AESHM 340 3 CREDITS  
Prereq: ECON 101

2921005 1A TR 3:40-5:00  
MEETS: AUG 20-DEC 14  
Note: SECTN 1A RESTRICTED TO HSP M, EVENT MAJORS ONLY

2921010 1B TR 3:40-5:00  
MEETS: AUG 20-DEC 14

2921015 1C TR 3:40-5:00  
MEETS: AUG 20-DEC 14  
Note: SECTION 1B RESTRICTED TO A M D, CUSFH, CUSFA MAJORS

Note: SECTION 1C RESTRICTED TO MAJORS OTHER THAN  
A M D, HSP M, EVENT, P BUS, MKT

AESTHTCS CNSMR EXPC AESHM 342 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: Meets U.S. diversity reqmt

4609005 1A MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

4609010 1B MWF 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SECTN 1A RESTRICTED TO EVENT, HSP M MAJORS ONLY

4609015 1C MWF 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SECTION 1B RESTRICTED TO A M D MAJORS ONLY

Note: SECTION 1C RESTRICTED TO MAJORS OTHER THAN  
A M D, EVENT, HSP M

U.S. FLD STU:APPAREL AESHM 380N 1- 3 CREDITS  
Prereq: 10 CREDITS IN EVENT, AESHM, OR HSP M;  
SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA;  
PERMISSION BY APPLICATION  
Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2018  
Instructor permission required.

1663005 A W 5:10-6:00PM  
ARRANGED  
MEETS: AUG 20-DEC 14

## APPAREL, EVENTS &amp; HOSPITALITY MGMT (CONTINUED)

COOPERATIVE EDUCATN AESHM 398 R CREDIT  
Prereq: PERMISSION OF ADVISER; JR CLASSIFICATN

1002010 D ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION D FOR HSP M MAJORS ONLY  
Instructor permission required.

1002005 E ARRANGED  
MEETS: AUG 20-DEC 14

1002025 F ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION F FOR EVENT MAJORS ONLY  
Instructor permission required.

1002040 N ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION N FOR A M D MAJORS ONLY  
Instructor permission required.

SEM ISS:EVNT&HSPTLY AESHM 411E 1 CREDIT  
Prereq: SENIOR CLASSIFICATION IN AESHM  
Note: COURSE RESTRICTED TO EVENT, HSP M MAJORS

7664005 1 ARRANGED  
MEETS: AUG 20-OCT 12  
Note: Course delivery is WWW

SEM CURR ISS APPARL AESHM 411N 1- 3 CREDITS  
Prereq: AESHM 470N  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018.  
RESTRICTED TO A M D MAJORS ONLY.

8078005 1 T 4:10-5:00, ARRANGED  
MEETS: AUG 20-OCT 12

8078010 2 W 4:10-5:00, ARRANGED  
MEETS: AUG 20-OCT 12

HUMAN RESOURCE MGMT AESHM 438 3 CREDITS  
Prereq: AESHM 270, AESHM 275 OR AESHM 287;  
JUNIOR CLASSIFICATION  
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.

2923005 1A MWF 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: SECTION 1A RESTRICTED TO EVENT, HSP M MAJORS

2923010 1B MWF 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: SECTION 1B RESTRICTED TO A M D MAJORS ONLY

INTERNSHP EVENT MGT AESHM 470F 3- 6 CREDITS  
Prereq: AESHM 311, EVENT 271, EMPLOYER/LOCATION  
SHOULD BE DIFFERENT THAN EMPLOYER/LOCATION USED FOR  
AESHM 170 AND AESHM 270  
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.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP APPAREL AESHM 470N 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 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 15-DEC 14  
Note: SECTION 1 OFFERED FOR 3 CREDITS  
Instructor permission required.

1872010 2 ARRANGED  
MEETS: OCT 15-DEC 14  
Note: SECTION 2 OFFERED FOR 2 CREDITS  
Instructor permission required.

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 1A TR 6:30-7:50PM  
MEETS: AUG 20-DEC 14  
Note: SECTION 1C RESTRICTED TO A M D MAJORS ONLY

4618010 1B TR 6:30-7:50PM  
MEETS: AUG 20-DEC 14

4618015 1C TR 6:30-7:50PM  
MEETS: AUG 20-DEC 14  
Note: SECTION 1B RESTRICTED TO EVENT, HSP M MAJORS ONLY

Note: SECTION 1C RESTRICTED TO MAJORS OTHER THAN  
A M D, EVENT, HSP M

INDEP STUDY: HONORS AESHM 490H 2- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## APPAREL, EVENTS &amp; HOSPITALITY MGMT (CONTINUED)

PRACTCM APPAR MCHDS AESHM 570A 1- 3 CREDITS  
Prereq: 6 GRAD CREDITS IN PROGRAM AREA;  
INSTRUCTOR PERMISSION  
6660005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

PRACTCM HSPTLTY MGT AESHM 570B 1- 3 CREDITS  
Prereq: 6 GRAD CREDITS IN PROGRAM AREA;  
INSTRUCTOR PERMISSION  
1509005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

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 3 CREDITS  
Prereq: ENROLLMENT IN A M D 204 RECOMENED  
Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
6602005 1 M 9:00-9:50  
TR 11:00-12:50  
MEETS: AUG 20-DEC 14  
6602010 2 M 9:00-9:50  
TR 1:10-3:00  
MEETS: AUG 20-DEC 14

FASHION PRODCTS&MKT A M D 131 3 CREDITS  
8338005 1A M 11:00-11:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS ON-LINE LECTURES.  
SEC 1A RESTRICTED TO A M D MAJORS ONLY.  
8338010 1B M 11:00-11:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS ON-LINE LECTURES.  
SEC 1B RESTRICTED TO MAJORS OTHER THAN A M D.  
8338015 2A W 11:00-11:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS ON-LINE LECTURES.  
SEC 2A RESTRICTED TO A M D MAJORS ONLY.  
8338020 2B W 11:00-11:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS ON-LINE LECTURES.  
SEC 2B RESTRICTED TO MAJORS OTHER THAN A M D.  
8338025 3A F 11:00-11:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS ON-LINE LECTURES.  
SEC 3A RESTRICTED TO A M D MAJORS ONLY.  
8338030 3B F 11:00-11:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS ON-LINE LECTURES.  
SEC 3B RESTRICTED TO MAJORS OTHER THAN A M D.

DRESS&DIVRSTY SOCIE A M D 165 3 CREDITS  
Note: Meets U.S. diversity reqmt  
6603005 1A TR 3:40-5:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO A M D, AMDP MAJORS ONLY  
6603010 1B TR 3:40-5:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN A M D

INTR APPRL DSN STDO A M D 178 3 CREDITS  
Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
8923005 1 ARRANGED  
WF 10:00-11:50  
MEETS: AUG 20-DEC 14  
Note: ARRANGED REPRESENTS ONLINE DELIVERY OF LECTURE  
8923010 2 ARRANGED  
MW 12:10-2:00  
MEETS: AUG 20-DEC 14  
Note: ARRANGED REPRESENTS ONLINE DELIVERY OF LECTURE

TEXTILE SCIENCE A M D 204 4 CREDITS  
Prereq: A M D 131  
Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
6604005 1 TR 8:00-9:20  
W 10:00-11:50  
MEETS: AUG 20-DEC 14  
6604010 2 TR 8:00-9:20  
W 12:10-2:00  
MEETS: AUG 20-DEC 14  
6604015 3 TR 8:00-9:20  
F 10:00-11:50  
MEETS: AUG 20-DEC 14  
6604020 4 ARRANGED, T 3:10-5:00  
MEETS: AUG 20-DEC 14  
6604025 5 ARRANGED  
R 10:00-11:50  
MEETS: AUG 20-DEC 14

## 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 8:00-9:20  
W 10:00-11:50  
MEETS: AUG 20-DEC 14  
7590010 2 TR 8:00-9:20  
W 12:10-2:00  
MEETS: AUG 20-DEC 14

DESGN SELECTV ADVNC A M D 206 R CREDIT  
Prereq: COMPLETION OR ENROLLMENT IN A M D 121,  
A M D 131, A M D 178, AND A M D 204, AND  
ENROLLMENT IN MAJOR.  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
4188005 1 ARRANGED  
MEETS: OCT 15-DEC 14

CPR APP DIGTL DSGN A M D 210 3 CREDITS  
Prereq: A M D 131, A M D 245 OR CONCURRENT  
ENROLLMENT, AESHM 113N  
Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
5087005 1 T 1:10-3:00, ARRANGED  
MEETS: AUG 20-DEC 14  
5087010 2 R 1:10-3:00, ARRANGED  
MEETS: AUG 20-DEC 14

PATTRNMAK I:DRFT&FL A M D 225 3 CREDITS  
Prereq: A M D 121, A M D 204, A M D 206  
6607005 1 MWF 12:10-1:30  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

PRODUCT DEVELOP&MFG A M D 231 4 CREDITS  
Prereq: A M D 204  
Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
6608005 1 TR 11:00-12:20  
W 2:10-4:00  
MEETS: AUG 20-DEC 14  
6608010 2 TR 11:00-12:20  
W 4:10-6:00PM  
MEETS: AUG 20-DEC 14  
6608015 3 TR 11:00-12:20  
R 3:10-5:00  
MEETS: AUG 20-DEC 14

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 1A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY  
6609010 1B MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN A M D

MUSEUM STUDIES A M D 257 3 CREDITS  
Prereq: SOPHOMORE STANDING  
1207005 1A TR 4:10-5:30, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY  
1207010 1B TR 4:10-5:30, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN A M D

RETAIL MERCHANDISNG A M D 275 3 CREDITS  
Prereq: 3 CREDITS IN MATH  
2853005 1A TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SECT 1A RESTRICTED TO A M D MAJORS ONLY  
2853010 1B TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1B RESTRICTED TO HSP M, EVENT MAJORS  
2853015 1C TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1C RESTRICTED TO MAJORS OTHER THAN  
A M D, HSP M, EVENT

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 FOR A M D MAJORS ONLY  
6611005 1 MWF 2:10-4:00  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

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 226  
OR STAT 401  
Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
6614005 1 TR 12:10-2:00  
MEETS: AUG 20-DEC 14

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

CPR-AID PATTRNMAKNG A M D 310 3 CREDITS  
 Prereq: A M D 210, A M D 225; PERMISSION OF INSTRUCTOR  
 1142005 1 MW 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required.

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 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required.

PATTRNMAK II:DRAPNG A M D 325 3 CREDITS  
 Prereq: A M D 206, A M D 225, INSTRUCTOR PERMISSN  
 Note: Instructor permission required.  
 7199005 1 MWF 10:00-11:50  
 MEETS: AUG 20-DEC 14

DIGTL TXTLE PRINTNG A M D 329 3 CREDITS  
 Prereq: A M D 321, CREDIT OR CONCURRENT ENROLLMENT IN A M D 325  
 7365005 1 MW 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

HIST EUR&N AM DRESS A M D 354 3 CREDITS  
 Prereq: 3 CREDITS FROM HISTORY OR ART HISTORY  
 Note: Meets international perspectives reqmt  
 6620005 1A M 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY  
 6620010 1B M 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN A M D  
 6620015 2A W 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2A RESTRICTED TO A M D MAJORS ONLY  
 6620020 2B W 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2B RESTRICTED TO MAJORS OTHER THAN A M D

HONORS HISTRY DRESS A M D 354H 3 CREDITS  
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: COURSE RESTRICTED TO A M D MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
 Meets international perspectives reqmt  
 5600005 M 10:00-10:50  
 MEETS: AUG 20-DEC 14

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 2:10-3:00  
 MEETS: AUG 20-DEC 14

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 2:10-3:00  
 MEETS: AUG 20-DEC 14

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: COURSE RESTRICTED TO A M D MAJORS ONLY.  
 'ARRANGED' IN THE TIME FIELD REPRESENTS WWW COURSE DELIVERY. OTHER TIMES WILL MEET IN CLASSROOMS.  
 6625005 1 TR 9:30-10:20  
 ARRANGED  
 T 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 6625010 2 TR 9:30-10:20  
 ARRANGED, R 12:10-2:00  
 MEETS: AUG 20-DEC 14

VISUAL PRESNTN&PRMO A M D 377 3 CREDITS  
 Prereq: A M D 245 OR AESHM 342; AESHM 340 OR MKT 340  
 6626005 1A MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY  
 6626010 1B MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN A M D

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

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 2:10-4:00, ARRANGED  
 MEETS: AUG 20-DEC 14

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 1A MW 1:10-2:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO A M D MAJORS ONLY  
 6623010 1B MW 1:10-2:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO EVENT MAJORS ONLY

RETAIL INFO ANALYSI A M D 475 3 CREDITS  
 Prereq: A M D 376  
 Note: COURSE RESTRICTED TO A M D MAJORS ONLY  
 4159005 1 TR 1:10-2:00  
 R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 4159010 2 TR 1:10-2:00  
 F 9:00-10:50  
 MEETS: AUG 20-DEC 14

IND STU TEXTILE SCI A M D 490A VAR. CREDITS  
 Prereq: 6 CR IN A M D, PERMISSION OF INSTRUCTOR, ADVISER 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, ADVISER 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 TXTL&AP DSN A M D 490C VAR. CREDITS  
 Prereq: 6 CR IN A M D; PERMISSION OF THE INSTRUCTOR, ADVISER 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, ADVISER 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, ADVISER 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, ADVISER 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, ADVISER, 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:PR&QUAL ASU A M D 490S VAR. CREDITS  
 Prereq: 6 CREDITS IN A M D. PERMISSION OF THE INSTRUCTOR, ADVISER, 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, ADVISER, 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)

SENIOR DSGN 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 SENIORS ONLY  
3914005 1 TR 8:00-8:50  
TR 9:00-10:50  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

3914010 2 TR 8:00-8:50  
TR 4:10-6:00PM  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

UNDERGRAD RESEARCH A M D 499 1- 3 CREDITS  
Prereq: SENIOR CLASSIFICATION; 15 CREDITS IN A M D;  
PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FND SCHOLRSH IN AMD A M D 510 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR PERMISSION  
OF INSTRUCTOR  
6649005 1 W 6:00-9:00PM  
MEETS: AUG 20-DEC 14

EXPERMTL PATTERNMAK A M D 525 3 CREDITS  
Prereq: A M D 121 OR EQUIVALENT, A M D 225 OR  
EQUIVALENT, CREDIT OR CONCURRENT ENROLLMENT IN  
A M D 510, PERMISSION OF INSTRUCTOR  
1338005 1 MWF 2:10-4:00  
MEETS: AUG 20-DEC 14

AESTH&RETL BRANDING A M D 545 3 CREDITS  
Prereq: ONE COURSE IN DSGN ELEMENTS & PRINCIPLES,  
PSYCHOLOGY, CONSUMER BEHAVIOR, OR MARKETING  
4838005 M 6:00-9:00PM  
MEETS: AUG 20-DEC 14

SUSTNBLYT:THEOR&APP A M D 565 3 CREDITS  
Prereq: 3 CR IN RESEARCH METHODS; BASIC  
KNOWLEDGE OF APPAREL INDUSTRY AND PRODUCT  
DEVELOPMENT; PERMISSION OF INSTRUCTOR  
1853005 1 R 6:10-9:00PM  
MEETS: AUG 20-DEC 14

E-COMMRC APPARL&HSP A M D 577 3 CREDITS  
Prereq: COURSE IN MARKETING OR INSTRUCTOR PERMISSN  
4904005 1 MW 3:10-4:30  
MEETS: AUG 20-DEC 14

SPL TOP TEXTILE SCI A M D 590A VAR. CREDITS  
Prereq: PERMISSION OF DIRECTOR OF GRADUATE  
EDUCATION, ADVISER, 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, ADVISER, 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, ADVISER, 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, ADVISER, 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, ADVISER, 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 325, A M D 526, PERMISSION OF  
INSTRUCTOR  
9107005 1 TR 8:00-10:50  
MEETS: AUG 20-DEC 14

CREATIVE COMPONENT A M D 599 VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN A M D  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MCHDSG THRY&RES APP A M D 676 3 CREDITS  
Prereq: A M D 275 OR EQUIVALENT. A STATISTICS  
COURSE IS RECOMMENDED.  
1862005 1 F 1:10-4:00  
MEETS: AUG 20-DEC 14

## APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

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 MTWR 10:00-10:50  
MEETS: AUG 20-DEC 14  
7437010 2 MTWR 11:00-11:50  
MEETS: AUG 20-DEC 14

INTERMDIAT ARABIC I ARABC 201 4 CREDITS  
Prereq: ARABIC 102 OR PLACEMENT BY DEPT EXAM  
Note: Meets international perspectives reqmt  
9279005 1 MTWR 12:10-1:00  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY ARABC 490 1- 6 CREDITS  
Prereq: 6 CREDITS IN ARABC, PERMISSION OF  
DEPARTMENT CHAIR  
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 3:10-5:20  
MW 1:10-5:20  
F 1:10-3:00  
MEETS: AUG 20-DEC 14

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  
FIELD TRIPS & TRAVEL FEE: \$25.00 - \$950.00  
8138005 F 3:10-5:20  
MW 1:10-5:20  
F 1:10-3:00  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

CONTPRY ARCHITECTR ARCH 220 3 CREDITS  
1858005 1A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO ARC, ARCH MAJORS ONLY  
1858010 1B MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1B FOR MAJORS OTHER THAN ARCH, ARCH

HIST PRE-MOD ARCHTC ARCH 221 3 CREDITS  
Note: Meets international perspectives reqmt  
1675005 1A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Note: SECTION 1A RESTRICTED TO ARC, ARCH MAJORS ONLY  
1675010 1B MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN ARC, ARCH

DSGN COMMUNICATNS I ARCH 230 3 CREDITS  
Prereq: ADMISSION TO THE PROFESSIONAL PROGRAM IN  
ARCHITECTURE  
Note: COURSE RESTRICTED TO ARC MAJORS ONLY  
8980005 A TR 10:00-10:50  
TR 11:00-11:50  
MEETS: AUG 20-DEC 14

ARCHITEC DESIGN III ARCH 301 6 CREDITS  
Prereq: ARCH 202  
Note: COURSE RESTRICTED TO ARC MAJORS ONLY  
FIELD TRIPS & TRAVEL FEE: \$25.00 - \$950.00  
1681005 1 F 3:10-5:20  
MW 1:10-5:20  
F 1:10-3:00  
MEETS: AUG 20-DEC 14

ARCHITEC DESIGN III ARCH 301H 6- 7 CREDITS  
Prereq: ARCH 202  
Note: FOR ARC MAJORS WHO ARE MEMBERS OF THE  
UNIVERSITY HONORS PROGRAM  
FIELD TRIPS & TRAVEL FEE: \$25.00 - \$950.00  
8186005 F 3:10-5:20  
MW 1:10-5:20  
F 1:10-3:00  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.



ARCHITECTURE (CONTINUED)

ARCHITECTURE (CONTINUED)

HISTORY AMERIC CITY ARCH 321 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Meets U.S. diversity reqmt  
 1570005 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

THEORIES OF ARCHITC ARCH 323 3 CREDITS  
 Prereq: ARCH 221, 222, CLASSIFICATION AS AN  
 ARC MAJOR  
 9486005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

COMPUTER APPLICATNS ARCH 334 3 CREDITS  
 1685005 1 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

THREE-DIMENS STUDIO ARCH 335 3 CREDITS  
 1686005 1 TR 1:10-3:20  
 MEETS: AUG 20-DEC 14

BLDG SCIENCE &TEC I ARCH 345 2 CREDITS  
 Prereq: ADMISSION TO THE PROFESSIONAL PROGRAM  
 IN ARCHITECTURE; CONCURRENT ENROLLMENT IN ARCH 345L  
 8303005 TR 1:10-2:00  
 MEETS: AUG 20-DEC 14

BLDG SCI&TECH I LAB ARCH 345L 1 CREDIT  
 Prereq: ADMISSION TO THE PROFESSIONAL PROGRAM  
 IN ARCHITECTURE; CONCURRENT ENROLLMENT IN ARCH 345  
 8315005 TR 2:10-3:00  
 MEETS: AUG 20-DEC 14

BLDG SCI&TECNOL III ARCH 347 3 CREDITS  
 Prereq: ARCH 346, ARCH 346L. CONCURRENT  
 ENROLLMENT IN ARCH 347L.  
 8272005 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

BLDG SCI&TC III LAB ARCH 347L 2 CREDITS  
 Prereq: ARCH 346, ARCH 346L. CONCURRENT  
 ENROLLMENT IN ARCH 347.  
 8281005 TR 3:40-5:30  
 MEETS: AUG 20-DEC 14

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 20-DEC 14  
 1691010 2 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14  
 1691015 3 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14  
 1691020 4 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14  
 1691025 5 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14

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 MWF 1:10-5:20  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

ARCHITEC DESIGN VII ARCH 403 6 CREDITS  
 Prereq: ARCH 402  
 Note: COURSE RESTRICTED TO ARC MAJORS ONLY  
 FIELD TRIPS & TRAVEL FEE: \$25.00 - \$950.00  
 1693005 1 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14  
 1693010 2 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14  
 1693015 3 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14  
 1693020 4 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14  
 1693025 5 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14

ARCHITEC DESIGN VII ARCH 403H 6- 7 CREDITS  
 Prereq: ARCH 402  
 Note: RESTRICTED TO MEMBERS OF THE UNIV HONORS PROGRAM  
 8235005 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

TOPICS AMERICN ARCH ARCH 420 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: NO MORE THAN 6 CREDITS OF ARCH 420 MAY BE  
 APPLIED TOWARD DEGREE REQUIREMENTS  
 Meets U.S. diversity reqmt  
 8270005 MW 10:00-11:20  
 MEETS: AUG 20-DEC 14

TOPCS NATIVE AM ARC ARCH 426 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: NO MORE THAN 6 CREDITS OF ARCH/AM IN/DSN s 426  
 MAY BE APPLIED TO THE ARCHITECTURE DEGREE PROGRAM  
 Meets U.S. diversity reqmt  
 1295005 1A T 7:00-10:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 1A TOPIC: NATIVE AMERICAN ARCHITECTURE.  
 SECTION 1A RESTRICTED TO ARC, ARCH MAJORS ONLY.

1295010 1B T 7:00-10:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 1B TOPIC: NATIVE AMERICAN ARCHITECTURE.  
 SECTION 1B RESTRICTED TO MAJORS OTHER THAN ARC, ARCH.

HIST&THRY CHINESE A ARCH 427 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Meets international perspectives reqmt  
 1701005 1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

DIGITAL FABRICATION ARCH 433 3 CREDITS  
 Prereq: ARCH 230 AND ARCH 301  
 3852005 1 MW 10:30-11:50  
 MEETS: AUG 20-DEC 14

CMPTAR ARC&ENV DSIGN ARCH 434 3 CREDITS  
 Prereq: ARCH 334  
 1705005 1 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

ARCHITC PHOTOGRAPHY ARCH 437 3 CREDITS  
 Prereq: ARCH 202  
 1706005 T 7:00-10:00PM  
 MEETS: AUG 20-DEC 14

BLDG SCI &TECNOL V ARCH 445 2 CREDITS  
 Prereq: ARCH 343  
 1630005 MW 9:00-9:50  
 MEETS: AUG 20-DEC 14

BLDG SCI&TECH V LAB ARCH 445L 1 CREDIT  
 Prereq: ARCH 348, ARCH 348L. CONCURRENT  
 ENROLLMENT IN ARCH 445.  
 8294005 F 8:00-9:50  
 MEETS: AUG 20-DEC 14

PROFESSIONAL PRACTICE ARCH 482 3 CREDITS  
 1712005 1 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

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 STDY 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 5 CREDITS  
 Prereq: ADMISSION TO THE M ARCH PROGRAM.  
 CONCURRENT ENROLLMENT IN ARCH 545, ARCH 545L  
 AND ARCH 595.  
 7757005 1 MW 1:10-5:20  
 F 1:10-3:30  
 MEETS: AUG 20-DEC 14

## ARCHITECTURE

(CONTINUED)

BIG&TALL:CONST HIST ARCH 517 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: COURSE RESTRICTED TO ARC, ARCH MAJORS ONLY  
9838005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

HIST,THY CHINESE AR ARCH 527 3 CREDITS  
Prereq: GRADUATE OR SENIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
1724005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

TOP STDI ARCH&CULTR ARCH 528A 2- 3 CREDITS  
Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
1731005 1 R 8:00-10:50  
MEETS: AUG 20-DEC 14  
1731010 2 MW 10:00-11:20  
MEETS: AUG 20-DEC 14

TOPCL STDI CMMUNCAT ARCH 528C 2- 3 CREDITS  
Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
1326005 1 F 9:00-11:50  
MEETS: AUG 20-DEC 14

BLDG SCIENCE &TEC I ARCH 545 2 CREDITS  
Prereq: ADMISSION TO THE PROFESSIONAL PROGRAM  
IN ARCHITECTURE; CONCURRENT ENROLLMENT IN ARCH 345L  
8307005 TR 1:10-2:00  
MEETS: AUG 20-DEC 14

BLDG SCI&TECH I LAB ARCH 545L 3 CREDITS  
Prereq: ADMISSION TO THE M.ARCH PROGRAM AND  
CONCURRENT ENROLLMENT IN ARCH 505 AND ARCH 595;  
CONCURRENT ENROLLMENT IN ARCH 545  
8486005 TR 2:10-5:00  
MEETS: AUG 20-DEC 14

BLDG SCI&TECNOL III ARCH 547 3 CREDITS  
Prereq: ARCH 346 AND ARCH 346L, OR ARCH 546  
AND ARCH 546L. CONCURRENT ENROLLMENT IN ARCH 547L.  
8278005 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

BLDG SCI&TC III LAB ARCH 547L 1 CREDIT  
Prereq: ARCH 506, ARCH 546, ARCH 546L, AND  
ARCH 596 OR ADVANCED STANDING IN THE M.ARCH PROGRAM;  
CONCURRENT ENROLLMENT IN ARCH 547 AND ARCH 601  
8501005 F 10:00-11:50  
MEETS: AUG 20-DEC 14

SUSTAINBT&GREEN ARC ARCH 558 3 CREDITS  
Prereq: GRADUATE OR SENIOR CLASSIFICATION  
1747005 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

PRESERVATN &REHABTN ARCH 567 3 CREDITS  
Prereq: SENIOR CLASSIFICATION  
4712005 1A TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SECTION 1A RESTRICTED TO ARC, ARCH MAJORS ONLY  
4712010 1B TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN  
ARC, ARCH

DSGN FOR ALL PEOPLE ARCH 571 3 CREDITS  
Prereq: GRADUATE OR SENIOR CLASSIFICATION  
Note: Meets U.S. diversity reqmt  
4714005 1 TR 11:00-12:30  
MEETS: AUG 20-DEC 14

PROFESSNAL PRACTICE ARCH 582 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
1755005 1 TR 3:40-5:00  
MEETS: AUG 20-DEC 14

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 5 CREDITS  
Prereq: ADMISSION TO THE M. ARCH. PROGRAM;  
CONCURRENT ENROLLMNT IN ARCH 505, ARCH 545, AND  
ARCH 545L  
7773005 MW 10:20-12:40  
MEETS: AUG 20-DEC 14

SEMNR BUILT ENVI III ARCH 597 3 CREDITS  
Prereq: GRADUATE OR SENIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
1720005 1 MW 10:00-11:20  
MEETS: AUG 20-DEC 14

## ARCHITECTURE

(CONTINUED)

SUSTNBL BLDG DESIGN ARCH 601 6 CREDITS  
Prereq: ARCH 507, ARCH 546, ARCH 546L, ARCH 596;  
CONCURRENT ENROLLMENT IN ARCH 547 AND ARCH 547L  
Note: COURSE RESTRICTED TO ARCH MAJORS ONLY  
1759005 1 MWF 1:10-5:20  
MEETS: AUG 20-DEC 14

INTEGRATIVE DESIGN ARCH 603 6 CREDITS  
Prereq: ARCH 601  
Note: COURSE RESTRICTED TO ARCH MAJORS ONLY  
1761005 1 MWF 1:10-5:20  
MEETS: AUG 20-DEC 14  
1761010 2 MWF 1:10-5:20  
MEETS: AUG 20-DEC 14

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

GRADUATE SEMINAR ARCH 698 R CREDIT  
Prereq: ADMISSION TO THE M. ARCH. OR M. S. IN  
ARCH. PROGRAMS  
1749005 1 T 12:40-2:00  
MEETS: AUG 20-DEC 14

RESEARCH ARCH 699 3- 9 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ART EDUCATION

METHDS TEACHING ART ARTED 209 2 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
7797005 A TR 5:10-7:00PM  
MEETS: AUG 20-DEC 14  
7797010 B TR 1:10-3:00  
MEETS: AUG 20-DEC 14  
7797015 C TR 3:10-5:00  
MEETS: AUG 20-DEC 14  
7797020 D MW 10:00-11:50  
MEETS: AUG 20-DEC 14

INTRO TO ART EDUC ARTED 211 3 CREDITS  
Prereq: SOPHOMORE LEVEL  
1773005 A1 MW 2:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SECTION A1 RESTRICTED TO ART MAJORS  
1773010 A2 MW 2:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SECTION A2 RESTRICTED TO EL ED, ECE MAJORS  
1773015 B1 TR 9:30-12:20  
MEETS: AUG 20-DEC 14  
Note: SECTION B1 RESTRICTED TO ART MAJORS  
1773020 B2 TR 9:30-12:20  
MEETS: AUG 20-DEC 14  
Note: SECTION B2 RESTRICTED TO EL ED, ECE MAJORS

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 A1 TR 11:00-12:20  
MEETS: AUG 20-DEC 14  
Note: SECTION A1 RESTRICTED TO COLLEGE OF DESIGN  
MAJORS ONLY  
1790010 A2 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

GREEK & ROMAN ART ART H 383 3 CREDITS  
Note: Instructor permission required 1st week.  
1826005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

ART OF ISLAM ART H 384 3 CREDITS  
Note: Meets international perspectives reqmt  
2613005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

MODERN ART & THEORY ART H 388 3 CREDITS  
1145005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

HIST OF PHOTOGRAPHY ART H 396 3 CREDITS  
Note: Instructor permission required 1st week.  
1209005 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

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

## ART HISTORY

(CONTINUED)

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: Meets U.S. diversity reqmt  
 Instructor permission required 1st week.  
 1210005 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

MUSEUM/GLLRY INTERN ART H 497 1- 6 CREDITS  
 Prereq: ADVANCED CLASSIFICATION IN A DEPT  
 CURRICULUM  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VISU CUL CAPSTN SEM ART H 499 4 CREDITS  
 Prereq: ADMISSION TO THE B.A. IN ART AND DESIGN -  
 VISUAL CULTURE STUDIES CONCENTRATION AND SENIOR  
 STANDING, OR PERMISSION OF INSTRUCTOR  
 4684005 R 5:30-8:30PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14

ISS VISUL&MATRL SEM ART H 501 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 1892010 B R 5:30-8:30PM  
 MEETS: AUG 20-DEC 14

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

SPECIAL TOPICS ART H 590 VAR. CREDITS  
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
 AREA. WRITTEN APPROVAL OF INST AND DEPT CHAIR  
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMT  
 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  
 8059600 XW ARRANGED WEINSTEIN A  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 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  
 8260600 XW ARRANGED WEINSTEIN A  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

EARTH&SPC FOR EL ED ASTRO 106 2 CREDITS  
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED  
 Note: COURSE RESTRICTED TO ECE, EL ED MAJORS ONLY  
 8505005 ARRANGED CERVATO C  
 MEETS: AUG 20-DEC 14  
 Note: Course delivery is WWW  
 8505600 XW ARRANGED CERVATO C  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

EARTH&SPACE SCI LAB ASTRO 106L 1 CREDIT  
 Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD  
 EDUCATION; CONCURRENT ENROLLMENT IN 106  
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY  
 8584005 1 M 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 8584010 2 M 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 8584015 3 M 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 8584020 4 M 5:10-7:00PM  
 MEETS: AUG 20-DEC 14

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 W OR Z). 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](http://www.registrar.iastate.edu/students/exams/night-exams).  
 1951005 1 F 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 1951010 2 F 9:00-9:50  
 MEETS: AUG 20-DEC 14

## ASTRONOMY &amp; ASTROPHYSICS

(CONTINUED)

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS  
 1951015 3 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 1951020 4 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 1951025 5 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 1951030 6 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 1951035 7 F 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 1951040 8 F 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 1951045 9 M 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 1951050 10 M 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 1951055 11 M 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 1951060 12 M 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 1951065 13 M 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 1951070 14 M 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 1951075 15 M 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 1951080 16 M 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 1951115 W TR 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 1951120 Z TR 1:10-2:00  
 MEETS: AUG 20-DEC 14

STARS, GALAXIES&COSM ASTRO 150 3 CREDITS  
 1952005 1 TR 2:10-3:00  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 1952010 2 TR 2:10-3:00  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 1952015 3 TR 2:10-3:00  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 1952020 4 TR 2:10-3:00  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 1952025 5 TR 2:10-3:00  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 1952030 6 TR 2:10-3:00  
 R 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 1952035 7 TR 2:10-3:00  
 R 10:00-10:50  
 MEETS: AUG 20-DEC 14

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  
 8739005 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

ASTRONOMY LAB ASTRO 344L 3 CREDITS  
 Prereq: PHYS 222  
 1955005 A R 2:10-3:00, ARRANGED  
 MEETS: AUG 20-DEC 14

UNDERGRAD RESEARCH ASTRO 450 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH ASTRO 450L 1- 6 CREDITS  
 Prereq: 344L AND PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ASTRO 490 1- 4 CREDITS  
 Prereq: 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: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN  
 THE HONORS PROGRAM  
 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

HIGH ENRGY ASTROPHY ASTRO 582 3 CREDITS  
 Prereq: ASTRO 405 OR ASTRO 505 OR PERMISSION  
 OF INSTRUCTOR  
 1944005 ARRANGED  
 MEETS: AUG 20-DEC 14

## ASTRONOMY &amp; ASTROPHYSICS (CONTINUED)

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 F 4:10-6:00PM  
MEETS: AUG 20-DEC 14

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 T 12:10-1:00  
MEETS: AUG 20-OCT 12

CLN PRACTM ATH TRNG A TR 219 1 CREDIT  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
9511005 TR 11:30-12:20  
MEETS: AUG 20-DEC 14

BASIC ATHLETC TRAIN A TR 220 2 CREDITS  
Prereq: BIOL 155 OR BIOL 255 AND BIOL 256  
Note: Instructor permission required 1st week.  
5729005 1 M 8:00-8:50  
W 8:00-9:35  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,  
KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY  
5729010 2 M 8:00-8:50  
T 8:00-9:35  
MEETS: AUG 20-DEC 14  
Note: SECTION 2 RESTRICTED TO A TR, D EXA, D EXH,  
KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY  
5729015 3 M 8:00-8:50  
R 8:00-9:35  
MEETS: AUG 20-DEC 14  
Note: SECTION 3 RESTRICTED TO MAJORS OTHER THAN  
A TR, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEXH

ATHL TRAIN CL PRACT A TR 223 1 CREDIT  
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM  
DIRECTOR  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
Satisfactory-Fail Only.  
7395005 1 ARRANGED  
MEETS: AUG 20-DEC 14

Eval ATHLE INJUR II A TR 226 3 CREDITS  
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
6673005 TR 9:30-11:20  
MEETS: AUG 20-DEC 14

ATH INJ II CLN PRAC A TR 227 1 CREDIT  
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
Satisfactory-Fail Only.  
6674005 ARRANGED  
MEETS: AUG 20-DEC 14

THERAP MODALT ATHLE A TR 323 3 CREDITS  
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
2632005 1 MW 8:00-9:50  
MEETS: AUG 20-DEC 14

THERA MODALT PRACTM A TR 324 1 CREDIT  
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
Satisfactory-Fail Only.  
5843005 F 8:00-9:50  
MEETS: AUG 20-DEC 14

ADMIN ATHLET TRAIING A TR 425 3 CREDITS  
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,  
SENIOR CLASSIFICATION  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
1154005 1 TR 8:00-9:15  
MEETS: AUG 20-DEC 14

MED CNCRN ATHL TRNR A TR 450 3 CREDITS  
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
4879005 1 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

ATHL TRAIN COMPETNC A TR 489 1 CREDIT  
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,  
SENIOR CLASSIFICATION  
Note: COURSE RESTRICTED TO A TR MAJORS ONLY  
Satisfactory-Fail Only.  
3220005 1 ARRANGED  
MEETS: AUG 20-DEC 14

**ATHLETICS**

INTERCOLL 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 ARRANGED  
MEETS: AUG 20-DEC 14

INTERCOLL 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 ARRANGED  
MEETS: AUG 20-DEC 14

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 ARRANGED  
MEETS: AUG 20-DEC 14

INTERCOLL 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 ARRANGED  
MEETS: AUG 20-DEC 14

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 ARRANGED  
MEETS: AUG 20-DEC 14

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 ARRANGED  
MEETS: AUG 20-DEC 14

INTRO BIOCHEMISTRY BBMB 101 1 CREDIT  
1996025 5 R 12:10-1:00 UNDERBAKKE E  
MEETS: AUG 20-DEC 14  
1996030 6 R 12:10-1:00 UNDERBAKKE E  
MEETS: AUG 20-DEC 14  
Note: Department permission required.

BIOCH LRN CMM ORIEN BBMB 110 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN BBMB 101 IS  
HIGHLY RECOMMENDED  
Satisfactory-Fail Only.  
9554005 W 2:10-3:00 UNDERBAKKE E  
MEETS: AUG 20-DEC 14

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 TR 11:00-11:50 NELSON S  
MEETS: AUG 20-DEC 14

BIOCHEM OF BEER LAB BBMB 120L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN  
BBMB 120 OR FS HN 120  
Note: CREDIT IN BBMB 120L/FS HN 120L MAY ONLY BE  
APPLIED TOWARD GRADUATION AS ELECTIVE CREDIT BY  
NATURAL SCIENCE MAJORS  
9485005 F 9:00-11:50 NELSON S  
MEETS: AUG 20-DEC 14  
Note: THERE IS A \$125 LAB FEE FOR THIS COURSE.

**BIOCHEM, BIOPHYSICS & MOLECULAR BIO**

## BIOCHEM, BIOPHYSICS &amp; MOLECULAR BIO (CONTINUED)

EXPRMIL RSRCH SKILS BBMB 212X 2 CREDITS  
Prereq: BBMB 102; CREDIT OR CONCURRENT ENROLLMENT  
IN CHEM 178 OR CHEM 201  
9199005 T 9:00-9:50  
R 9:00-11:50  
MEETS: AUG 20-DEC 14

BIOCHEMCL PROCESSES BBMB 221 3 CREDITS  
Prereq: CHEM 163, 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 MWF 10:00-10:50 SHIN Y  
MEETS: AUG 20-DEC 14

BIOCHEMISTRY PRINCIP BBMB 316 3 CREDITS  
Prereq: CHEM 231 OR CHEM 331; BIOL 212.  
BIOL 313 AND BIOL 314 STRONGLY RECOMMENDED.  
Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY  
MAJORS MAY NOT APPLY CREDIT FOR BBMB 316 TOWARD  
DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS  
ACCEPTABLE AS AN ELECTIVE. CREDIT IN ONLY ONE  
OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD  
GRADUATION: BBMB 301, BBMB 303X, BBMB 316.  
9022005 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

BIOCHEMISTRY I BBMB 404 3 CREDITS  
Prereq: CHEM 332  
Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405  
SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD  
GRADUATION  
2002005 MWF 11:00-11:50 HARGROVE M  
MEETS: AUG 20-DEC 14

BIOCHEMCL RES TCHNQ BBMB 411 4 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN BBMB 404 OR BBMB  
501; CHEM 211  
Note: COURSE RESTRICTED TO BIOCH, BIOPH, AGBIO,  
BBMBA, BBMB SENIORS ONLY. QUALIFIED JUNIORS MAY  
SEEK A SIGNATURE FROM THE DEPARTMENT.  
2004005 A W 1:10-2:00 SHOGREN-KNAAK M  
F 1:10-2:00 SHOGREN-KNAAK M  
MW 2:10-6:00PM SHOGREN-KNAAK M  
MEETS: AUG 20-DEC 14  
2004010 B W 1:10-2:00 SHOGREN-KNAAK M  
F 1:10-2:00 SHOGREN-KNAAK M  
TF 2:10-6:00PM SHOGREN-KNAAK M  
MEETS: AUG 20-DEC 14  
2004015 C ARRANGED SHOGREN-KNAAK M  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

MAMMALIAN BIOCHEM BBMB 420 3 CREDITS  
Prereq: CHEM 332, BIOL 314  
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 A MWF 1:10-2:00 BEITZ D  
MEETS: AUG 20-DEC 14

LAB MICR PHYSL DVRS BBMB 440 4 CREDITS  
Prereq: MICRO 302,302L, CHEM 332, BIOL 301L/313L  
2090005 TR 1:10-5:00  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY BBMB 490 1- 3 CREDITS  
Prereq: AG LS COLLEGE MAJORS: JUNIOR OR  
SENIOR CLASSIFICATION AND INSTRUCTOR PERMISSION.  
LAS COLLEGE MAJORS: INSTRUCTOR PERMISSION.  
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: MEMBERSHIP IN UNIV HONORS PROGRAM  
INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE:  
JUNIOR OR SENIOR CLASSIFICATION  
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 FACULTY MEMBER WITH WHOM  
STUDENT PROPOSES TO WORK  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AMINO ACIDS&PROTEIN BBMB 504 2 CREDITS  
Prereq: CHEM 332 OR EQUIVALENT  
5050005 MTRF 1:10-2:00 HONZATKO R  
MEETS: AUG 20-OCT 12

## BIOCHEM, BIOPHYSICS &amp; MOLECULAR BIO (CONTINUED)

BIOENERGETCS &METAB BBMB 505 2 CREDITS  
Prereq: CHEM 211, CHEM 332. A COURSE IN  
BIOCHEMISTRY IS STRONGLY RECOMMENDED  
4890005 MTRF 1:10-2:00 DISPIRITO A  
MEETS: OCT 15-DEC 14

MOLE BIOL&BIOCH RNA BBMB 510 2 CREDITS  
Prereq: BIOL 313; BBMB 405; BBMB 502;  
BBMB 506 AND BBMB 507, OR GEN 409, OR EQUIVALENT  
8626005 TR 11:00-11:50 MACINTOSH G  
MEETS: AUG 20-DEC 14

PLANT BIOCHEMISTRY BBMB 531X 2 CREDITS  
Prereq: BBMB 301 OR EQUIVALENT  
8798005 TR 2:10-3:00 PETERS R  
MEETS: AUG 20-DEC 14

INTRO DNA TECHNIQS BBMB 542A 1 CREDIT  
Satisfactory-Fail Only.  
7099005 1 TR 1:10-2:00 BAKER M  
TR 2:10-4:00 BAKER M  
MEETS: AUG 21-SEPT 20

INTRO CELL TECHNIQS BBMB 542C 1 CREDIT  
Satisfactory-Fail Only.  
7101005 1 TR 1:10-2:00 BAKER M  
TR 2:10-4:00 BAKER M  
MEETS: OCT 30-DEC 6

INTR PROTEOMCS TCNQ BBMB 542E 1 CREDIT  
Satisfactory-Fail Only.  
7166005 1 TR 1:10-2:00 BAKER M  
TR 2:10-4:00 BAKER M  
MEETS: SEPT 25-OCT 25

INTR METABLMCS TCNQ BBMB 542F 1 CREDIT  
Satisfactory-Fail Only.  
9009005 M 1:10-2:00 PERERA M  
M 2:10-4:00 PERERA M  
MEETS: AUG 20-NOV 2

NMR SPECTROSCOPY BBMB 549X 3 CREDITS  
Prereq: ANY ONE OF THE FOLLOWING: CHEM 324,  
CHEM 325, BBMB 461, BBMB 561  
8978005 TR 10:00-11:15 BARB A  
MEETS: AUG 20-DEC 14

COMPUTATNL BIOCHEM BBMB 551X 2 CREDITS  
Prereq: BBMB 404 OR EQUIVALENT  
8983005 TR 12:10-1:00 JERNIGAN R  
MEETS: AUG 20-DEC 14

CURR RES CH&PH BIOL BBMB 553X 2 CREDITS  
Prereq: BBMB 404 OR EQUIVALENT  
8982005 TR 11:00-11:50 SHIN Y  
MEETS: AUG 20-DEC 14

STRUC GENOM INFRMTC BBMB 569 3 CREDITS  
Prereq: BCB 567, BBMB 316, GEN 409, STAT 430  
7456005 TR 12:40-1:55 JERNIGAN R  
MEETS: AUG 20-DEC 14

SPECIAL TOPICS BBMB 590 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MOLECULAR IMMUNOLGY BBMB 615 3 CREDITS  
Prereq: BBMB 405 OR BBMB 502  
2023005 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

NUC ACID STRUC&FUNC BBMB 675 2 CREDITS  
Prereq: BBMB 405 OR BBMB 502  
2033005 TR 9:30-10:20 SHOGREN-KNAAK M  
MEETS: AUG 20-DEC 14

ADVANCED SEMINAR BBMB 681 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
2034005 T 3:10-5:00 PETERS R  
MEETS: AUG 20-DEC 14

DEPARTMENT SEMINAR BBMB 682 R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
2035005 R 4:10-6:00PM THORNBURG R  
MEETS: AUG 20-DEC 14

RESEARCH SEMINAR BBMB 696 1 CREDIT  
Satisfactory-Fail Only.  
8831005 W 4:10-5:30  
MEETS: AUG 20-DEC 14

SEM N MOLEC,C,DV BIO BBMB 698 1- 2 CREDITS  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2017  
2037005 1 M 3:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SECTION 1 WILL NOT MEET EVERY WEEK. MEETING  
DATES TO BE ANNOUNCED.

## BIOCHEM, BIOPHYSICS &amp; MOLECULAR BIO (CONTINUED)

RESEARCH BBMB 699 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**BIOINFORMATICS&COMPUTATIONAL BIOL-UG**

BIOINFRMTC&CB ORIEN BCBIO 110 .5 CREDIT  
Satisfactory-Fail Only.  
5587005 W 12:10-1:00  
MEETS: AUG 20-OCT 12

INTR BIOINFRMTC&CMP BCBIO 322 3 CREDITS  
Prereq: BIOL 212  
9771005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

BIOINFORMATC ANALYS BCBIO 444 4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
1864005 1 TR 11:00-12:20  
W 2:10-4:00  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY BCBIO 490 1- 5 CREDITS  
Prereq: BCBIO 322, JUNIOR OR SENIOR CLASSIFICATN,  
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

TEAM RESRCH PROJCTS BCBIO 491 1- 5 CREDITS  
Prereq: BCBIO 322, JUNIOR OR SENIOR CLASSIF,  
PERMISSION OF INSTRUCTOR  
Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE  
THAN 9 CREDITS OF BCBIO 490 AND 491 TOWARD GRADUATION  
4721005 ARRANGED  
MEETS: AUG 20-DEC 14

**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 10:00-10:50  
R 1:10-3:00  
MEETS: AUG 20-DEC 14  
8548010 2 MWF 10:00-10:50  
R 3:10-5:00  
MEETS: AUG 20-DEC 14

COMP SKIL BIOL DATA BCB 546X 3 CREDITS  
Prereq: GRADUATE STUDENT STATUS OR PERMISSION  
OF INSTRUCTOR  
9586005 WF 1:10-2:30  
MEETS: AUG 20-DEC 14

BIOINFMTC ALGORTHMS BCB 567 3 CREDITS  
Prereq: COM S 228, COM S 330; CREDIT OR  
OR ENROLLMENT IN BIOL 315, STAT 430  
2070005 A TR 11:00-12:15  
MEETS: AUG 20-DEC 14

STRUC GENOM INFRMTC BCB 569 3 CREDITS  
Prereq: BCB 567, BBMB 316, GEN 409, STAT 430  
2105005 TR 12:40-1:55 JERNIGAN R  
MEETS: AUG 20-DEC 14

FUND PRED PLT PHNMC BCB 585X 4 CREDITS  
Prereq: ACCEPTANCE INTO THE P3 PROGRAM OR  
INSTRUCTOR PERMISSION  
Note: ACCEPTANCE INTO THE P3 PROGRAM OR  
PERMISSION OF INSTRUCTOR  
8298005 A MWF 9:00-9:50  
T 8:00-10:50  
MEETS: AUG 20-DEC 14

WKSHP BIOINFORMATCS BCB 593 1 CREDIT  
7397005 M 4:10-5:00  
MEETS: AUG 20-DEC 14  
Note: Tuition Category: Workshop

COOPERATIVE EDUCATN BCB 598 R CREDIT  
Prereq: PERMISSION OF THE PROGRAM CHAIR  
1828005 ARRANGED  
MEETS: AUG 20-DEC 14

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

FACULT SEM BIOINFRM BCB 691 1 CREDIT  
7825005 W 4:10-5:00  
MEETS: AUG 20-DEC 14

## BIOINFORMATICS AND COMPUTATIONAL BIOL (CONTINUED)

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS  
7827005 ARRANGED  
MEETS: AUG 20-DEC 14

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

**BIOLOGICAL/PRE-MEDICAL ILLUSTRATION**

SCI ILLUSTR 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 20-DEC 14

ILLUSTR AS COMMUNIC BPM I 327 3 CREDITS  
Prereq: ARTIS 326  
1748005 1 TR 6:10-9:00PM  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY BPM I 490 1- 3 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR & ADVISORY COMM  
CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLMT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS ILLUSTR BPM I 494 1- 3 CREDITS  
Note: COURSE RESTRICTED TO BPM I, PBPMI MAJORS  
7277010 2 MW 6:30-8:30PM  
MEETS: AUG 20-DEC 14  
Note: SECTION 2 OFFERED FOR 2 CREDITS

ILLUSTRATION INTERN BPM I 497 1- 6 CREDITS  
Prereq: JR OR SR CLASSIFICATION IN BPM I. WRITTEN  
APPROVAL OF SUPERVISING INSTR & ADVISORY COMM CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
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 10:00-10:50  
MEETS: AUG 20-DEC 14

INTRO TO BIOLOGY BIOL 110 1 CREDIT  
Note: COURSE RESTRICTED TO BIOL, BIOLA MAJORS  
ENTERING ISU SUMMER 2018 OR FALL 2018  
Satisfactory-Fail Only.

2063005 1 M 4:10-5:00 WESTERDALE L  
W 12:10-1:00  
MEETS: AUG 20-DEC 14

2063010 2 M 4:10-5:00 WESTERDALE L  
W 2:10-3:00  
MEETS: AUG 20-DEC 14

2063015 3 M 4:10-5:00 WESTERDALE L  
W 3:10-4:00  
MEETS: AUG 20-OCT 12

2063020 4 M 4:10-5:00 WESTERDALE L  
W 4:10-5:00  
MEETS: AUG 20-OCT 12

2063025 5 M 4:10-5:00 WESTERDALE L  
R 12:10-1:00  
MEETS: AUG 20-OCT 12

2063030 6 M 4:10-5:00 WESTERDALE L  
R 2:10-3:00  
MEETS: AUG 20-OCT 12

2063035 7 M 4:10-5:00 WESTERDALE L  
R 3:10-4:00  
MEETS: AUG 20-OCT 12

2063040 8 M 4:10-5:00 WESTERDALE L  
R 4:10-5:00  
MEETS: AUG 20-OCT 12

2063045 9 M 4:10-5:00 WESTERDALE L  
W 1:10-2:00  
MEETS: AUG 20-OCT 12

2063050 10 M 4:10-5:00 WESTERDALE L  
R 1:10-2:00  
MEETS: AUG 20-OCT 12

OPPORTUNITI IN BIOL BIOL 111 .5 CREDIT  
Satisfactory-Fail Only.  
7407005 T 4:10-5:00  
MEETS: AUG 20-OCT 12

ORIENT TRANSFR STDT BIOL 112 R CREDIT  
Satisfactory-Fail Only.  
8242005 T 3:10-4:00, ARRANGED  
MEETS: AUG 20-OCT 12

HUMAN BIOLOGY BIOL 155 3 CREDITS  
Prereq: HS BIOLOGY & CHEMISTRY OR BIOL 101  
Note: CREDIT IN BIOL 155 MAY NOT BE APPLIED  
TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS  
7079005 A TR 3:40-5:00  
MEETS: AUG 20-DEC 14

## BIOLOGY

(CONTINUED)

INTRO ENVIRNMT ISSU BIOL 201 2 CREDITS  
 7950005 1A TR 8:00-9:20, ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SECTION 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
 7950010 1B TR 8:00-9:20, ARRANGED  
 MEETS: OCT 15-DEC 14  
 7950015 1C TR 8:00-9:20, ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SECTION 1C RESTRICTED TO AG X, ENV S, OPEN MAJORS

PRIN OF BIOLOGY I BIOL 211 3 CREDITS  
 Prereq: HIGH SCHOOL BIOLOGY  
 9468005 1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 9468010 2 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 9468015 3 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 9468025 5 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 9468030 6 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 6 RESTRICTED TO BIOL, BIOLA, ENSCA, ENSCS MAJORS ONLY

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211  
 9470005 1 W 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO BIOL, BIOLA, ENSCA, ENSCS MAJORS ONLY  
 9470010 2 W 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9470015 3 T 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 9470020 4 T 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9470025 5 T 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 9470030 6 T 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC 6 RESTRICTED TO BIOL, BIOLA, ENSCA, ENSCS MAJORS ONLY  
 9470035 7 W 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 9470040 8 W 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 8 RESTRICTED TO BIOL, BIOLA, ENSCA, ENSCS MAJORS ONLY  
 9470045 9 W 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 9 RESTRICTED TO BIOL, BIOLA, ENSCA, ENSCS MAJORS ONLY  
 9470050 10 W 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC 10 RESTRICTED TO BIOL, BIOLA, ENSCA, ENSCS MAJORS ONLY  
 9470055 11 R 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 9470060 12 R 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9470065 13 R 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 9470070 14 R 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 9470075 15 R 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 15 RESTRICTED TO BIOL, BIOLA, ENSCA, ENSCS MAJORS ONLY  
 9470080 16 R 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 9470085 17 R 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 9470090 18 T 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 9470095 19 T 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9470100 20 T 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 9470105 21 T 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 9470110 22 W 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 9470115 23 W 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9470120 24 W 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 9470063 25 W 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 9470130 26 R 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 9470016 27 R 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9470041 28 R 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 9470031 29 W 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 9470135 30 W 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 9470140 31 T 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 9470145 32 T 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9470150 33 T 1:10-4:00  
 MEETS: AUG 20-DEC 14

## BIOLOGY

(CONTINUED)

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT  
 9470155 34 T 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 9470160 35 W 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 9470165 36 W 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9470170 37 W 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 9470175 38 W 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 9470180 39 R 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 9470185 40 R 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9470190 41 R 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 9470195 42 R 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9470200 43 R 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 9470205 44 R 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 9470210 45 T 7:00-9:50  
 MEETS: AUG 20-DEC 14  
 9470215 46 T 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9470220 47 T 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 9470225 48 T 4:10-7:00PM  
 MEETS: AUG 20-DEC 14

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 20-DEC 14  
 9469010 2 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN BIOL 212  
 9471005 1 T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO BCBIO, GEN, GEN S MAJORS ONLY  
 9471010 2 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 9471015 3 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 9471020 4 W 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 9471025 5 W 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 9471030 6 W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 9471035 7 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 7 RESTRICTED TO GEN, GEN S, BCBIO MAJORS  
 9471040 8 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 9471045 9 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 9471050 10 T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 9471055 11 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 9471060 12 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 9471065 13 W 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 9471070 14 W 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 9471075 15 W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 9471080 16 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 9471085 17 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 9471090 18 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

FUND HUMAN ANATOMY BIOL 255 3 CREDITS  
 Note: CREDIT IN BIOL 255 MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS  
 7205005 A MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 7205010 B TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

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 20-DEC 14  
 6342010 2 T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 6342015 3 T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 6342020 4 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 6342025 5 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 6342030 6 T 12:10-3:00  
 MEETS: AUG 20-DEC 14



BIOLOGY

(CONTINUED)

BIOLOGY

(CONTINUED)

FUND HUMAN	ANAT LAB	BIOL	255L	1 CREDIT
6342035	7	T 3:10-6:00PM		
		MEETS: AUG 20-DEC 14		
6342040	8	T 3:10-6:00PM		
		MEETS: AUG 20-DEC 14		
6342045	9	T 3:10-6:00PM		
		MEETS: AUG 20-DEC 14		
6342050	10	T 6:10-9:00PM		
		MEETS: AUG 20-DEC 14		
6342055	11	T 6:10-9:00PM		
		MEETS: AUG 20-DEC 14		
6342060	12	T 6:10-9:00PM		
		MEETS: AUG 20-DEC 14		
6342065	13	W 9:00-11:50		
		MEETS: AUG 20-DEC 14		
6342070	14	W 9:00-11:50		
		MEETS: AUG 20-DEC 14		
6342075	15	W 9:00-11:50		
		MEETS: AUG 20-DEC 14		
6342080	16	W 12:10-3:00		
		MEETS: AUG 20-DEC 14		
6342085	17	W 12:10-3:00		
		MEETS: AUG 20-DEC 14		
6342090	18	W 12:10-3:00		
		MEETS: AUG 20-DEC 14		
6342095	19	W 3:10-6:00PM		
		MEETS: AUG 20-DEC 14		
6342100	20	W 3:10-6:00PM		
		MEETS: AUG 20-DEC 14		
6342105	21	W 3:10-6:00PM		
		MEETS: AUG 20-DEC 14		
6342110	22	W 6:10-9:00PM		
		MEETS: AUG 20-DEC 14		
6342115	23	W 6:10-9:00PM		
		MEETS: AUG 20-DEC 14		
6342120	24	W 6:10-9:00PM		
		MEETS: AUG 20-DEC 14		
6342125	25	R 9:00-11:50		
		MEETS: AUG 20-DEC 14		
6342130	26	R 9:00-11:50		
		MEETS: AUG 20-DEC 14		
6342135	27	R 9:00-11:50		
		MEETS: AUG 20-DEC 14		
6342140	28	R 12:10-3:00		
		MEETS: AUG 20-DEC 14		
6342145	29	R 12:10-3:00		
		MEETS: AUG 20-DEC 14		
6342150	30	R 12:10-3:00		
		MEETS: AUG 20-DEC 14		
6342155	31	R 3:10-6:00PM		
		MEETS: AUG 20-DEC 14		
6342160	32	R 3:10-6:00PM		
		MEETS: AUG 20-DEC 14		
6342165	33	R 3:10-6:00PM		
		MEETS: AUG 20-DEC 14		
6342170	34	R 6:10-9:00PM		
		MEETS: AUG 20-DEC 14		
6342175	35	R 6:10-9:00PM		
		MEETS: AUG 20-DEC 14		
6342180	36	R 6:10-9:00PM		
		MEETS: AUG 20-DEC 14		
6342185	37	F 9:00-11:50		
		MEETS: AUG 20-DEC 14		
6342190	38	F 9:00-11:50		
		MEETS: AUG 20-DEC 14		
6342195	39	F 9:00-11:50		
		MEETS: AUG 20-DEC 14		
6342200	40	F 12:10-3:00		
		MEETS: AUG 20-DEC 14		
6342205	41	F 12:10-3:00		
		MEETS: AUG 20-DEC 14		

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			
Meets U.S. diversity reqmt			
1099005		TR 9:30-10:50	
		MEETS: AUG 20-DEC 14	

ECOLOGY	BIOL	312	4 CREDITS
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L			
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 WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.			
2069003	A	TR 8:00-9:15	
		MEETS: AUG 20-DEC 14	
2069004	B	TR 8:00-9:15	RUSSELL A
		MEETS: AUG 20-DEC 14	
Note: SEC B IS TEAM BASED LEARNING			
2069005	1	M 8:00-10:50	
		MEETS: AUG 20-DEC 14	
2069010	2	M 9:00-11:50	
		MEETS: AUG 20-DEC 14	
2069015	3	M 11:00-2:00	
		MEETS: AUG 20-DEC 14	
2069020	4	M 12:10-3:00	
		MEETS: AUG 20-DEC 14	
2069025	5	M 2:10-5:00	
		MEETS: AUG 20-DEC 14	
2069030	6	M 3:10-6:00PM	
		MEETS: AUG 20-DEC 14	

ECOLOGY	BIOL	312	4 CREDITS
2069040	7	T 10:00-1:00	
		MEETS: AUG 20-DEC 14	
2069045	8	T 12:10-3:00	
		MEETS: AUG 20-DEC 14	
2069050	9	T 1:10-4:00	
		MEETS: AUG 20-DEC 14	
2069055	10	T 3:10-6:00PM	
		MEETS: AUG 20-DEC 14	
2069060	11	W 8:00-11:50	
		MEETS: AUG 20-DEC 14	
2069065	12	W 9:00-12:50	
		MEETS: AUG 20-DEC 14	
2069070	13	W 11:00-2:00	
		MEETS: AUG 20-DEC 14	
2069075	14	W 12:10-3:00	
		MEETS: AUG 20-DEC 14	
2069080	15	W 2:10-5:00	
		MEETS: AUG 20-DEC 14	
2069085	16	W 3:10-6:00PM	
		MEETS: AUG 20-DEC 14	
2069090	17	R 10:00-12:50	
		MEETS: AUG 20-DEC 14	
2069095	18	R 12:10-3:00	
		MEETS: AUG 20-DEC 14	
2069100	19	R 1:10-4:00	
		MEETS: AUG 20-DEC 14	
2069105	20	R 3:10-6:00PM	
		MEETS: AUG 20-DEC 14	

PRINCIP OF GENETICS	BIOL	313	3 CREDITS
Prereq: BIOL 211, 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			
9472005	1	MWF 12:10-1:00	
		MEETS: AUG 20-DEC 14	
9472010	2	MWF 11:00-11:50	
		MEETS: AUG 20-DEC 14	
9472015	3	MWF 12:10-1:00	
		MEETS: AUG 20-DEC 14	

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 9:00-10:20	
		MEETS: AUG 20-DEC 14	
9473010	2	MW 10:30-11:50	
		MEETS: AUG 20-DEC 14	
9473015	3	MW 10:30-11:50	
		MEETS: AUG 20-DEC 14	
9473020	4	MW 1:10-2:30	
		MEETS: AUG 20-DEC 14	
9473025	5	MW 1:10-2:30	
		MEETS: AUG 20-DEC 14	
9473030	6	MW 3:10-4:30	
		MEETS: AUG 20-DEC 14	
9473035	7	TR 9:00-10:20	
		MEETS: AUG 20-DEC 14	
9473040	8	TR 11:00-12:20	
		MEETS: AUG 20-DEC 14	
9473045	9	TR 1:10-2:30	
		MEETS: AUG 20-DEC 14	
9473050	10	TR 3:10-4:30	
		MEETS: AUG 20-DEC 14	
9473055	11	TR 11:00-12:20	
		MEETS: AUG 20-DEC 14	
9473060	12	TR 1:10-2:30	
		MEETS: AUG 20-DEC 14	

PRIN MOLEC CELL BIO	BIOL	314	3 CREDITS
Prereq: BIOL 212			
9474005	1	TR 12:40-1:55	
		MEETS: AUG 20-DEC 14	

INTR BIOINFRMTC&CMP	BIOL	322	3 CREDITS
Prereq: BIOL 212			
9772005		MWF 10:00-10:50	
		MEETS: AUG 20-DEC 14	

M&CEL BIOL HUMN DIS	BIOL	328	3 CREDITS
Prereq: BIOL 212			
8936005		TR 9:30-10:50	
		MEETS: AUG 20-DEC 14	

COMPHSV HUMN ANATMY	BIOL	350	3 CREDITS
Prereq: BIOL 211, BIOL 212			
5302005		TR 11:00-12:30	
		MEETS: AUG 20-DEC 14	

ANIMAL BEHAVIOR	BIOL	354	3 CREDITS
Prereq: BIOL 212			
7087005	1	MWF 10:00-10:50	
		MEETS: AUG 20-DEC 14	

## BIOLOGY (CONTINUED)

LAB IN ANIML BEHAVR BIOL 354L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN BIOL 354  
5676005 1 T 1:10-4:00  
MEETS: AUG 20-DEC 14  
5676010 2 R 9:00-11:50  
MEETS: AUG 20-DEC 14

DENDROLOGY BIOL 356 3 CREDITS  
Prereq: BIOL 211  
Note: Instructor permission required 1st week.  
2079010 1 TR 11:00-11:50  
TR 12:10-2:00  
MEETS: AUG 20-DEC 14  
2079015 2 TR 11:00-11:50  
TR 3:10-5:00  
MEETS: AUG 20-DEC 14

BIOLOGY OF PLANTS BIOL 357X 3 CREDITS  
Prereq: BIOL 211 AND BIOL 212. BIOL 211L AND  
BIOL 212L RECOMMENDED.  
8731005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

BIOLOGY OF INVERTEB BIOL 364 3- 4 CREDITS  
Prereq: BIOL 212  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
7097005 A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

VERTEBRATE BIOLOGY BIOL 365 4 CREDITS  
Prereq: BIOL 212, BIOL 212L  
1537005 1 MWF 9:00-9:50  
T 6:00-8:00PM  
MEETS: AUG 20-DEC 14  
1537010 2 MWF 9:00-9:50  
T 10:00-11:50  
MEETS: AUG 20-DEC 14  
1537015 3 MWF 9:00-9:50  
T 12:10-2:00  
MEETS: AUG 20-DEC 14  
1537020 4 MWF 9:00-9:50  
T 3:10-5:00  
MEETS: AUG 20-DEC 14  
1537025 5 MWF 9:00-9:50  
W 10:00-11:50  
MEETS: AUG 20-DEC 14  
1537030 6 MWF 9:00-9:50  
W 1:10-3:00  
MEETS: AUG 20-DEC 14  
1537035 7 MWF 9:00-9:50  
W 3:10-5:00  
MEETS: AUG 20-DEC 14  
1537040 8 MWF 9:00-9:50  
R 10:00-11:50  
MEETS: AUG 20-DEC 14  
1537045 9 MWF 9:00-9:50  
R 12:10-2:00  
MEETS: AUG 20-DEC 14

ECO&ENVIRON SCI GIS BIOL 370 1- 6 CREDITS  
Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL  
SCIENCES; PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
9445005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.  
9445010 2 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION 2 OFFERED FOR 3 CREDITS

ECOLOGICAL METHODS BIOL 371 3 CREDITS  
Prereq: A ECL 312; STAT 101 OR STAT 104  
1541005 1 MW 12:10-1:00  
T 9:30-12:20  
MEETS: AUG 20-DEC 14  
1541010 2 MW 12:10-1:00  
R 11:00-2:00  
MEETS: AUG 20-DEC 14

INTRO ENVIRNMTL SYS BIOL 381 3- 4 CREDITS  
Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING  
BIOLOGY AND CHEMISTRY  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018.  
SEC 1A, 2A, ETC. RESTRICTED TO ENSCA, ENSCS MAJORS  
ONLY. SEC 1B, 2B, ETC. RESTRICTED TO MAJORS  
OTHER THAN ENSCA, ENSCS.  
1093005 1A ARRANGED  
TR 11:00-1:00  
MEETS: AUG 20-DEC 14  
1093010 1B ARRANGED  
TR 11:00-1:00  
MEETS: AUG 20-DEC 14  
1093015 2A ARRANGED, TR 1:10-3:00  
MEETS: AUG 20-DEC 14  
1093020 2B ARRANGED, TR 1:10-3:00  
MEETS: AUG 20-DEC 14  
1093025 3A ARRANGED, TR 3:10-5:00  
MEETS: AUG 20-DEC 14  
1093030 3B ARRANGED, TR 3:10-5:00  
MEETS: AUG 20-DEC 14

## BIOLOGY (CONTINUED)

NEUROBIOLOGY BIOL 436 3 CREDITS  
Prereq: BIOL 212  
7107005 A TR 11:00-12:30  
MEETS: AUG 20-DEC 14

BIOINFORMATC ANALYS BIOL 444 4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
8544005 1 TR 11:00-12:20  
W 2:10-4:00  
MEETS: AUG 20-DEC 14

PLANT EVOL&PHYLOGNY BIOL 451 4 CREDITS  
Prereq: BIOL 315 OR EQUIVALENT  
4911005 MWF 10:00-10:50  
T 9:00-11:50  
MEETS: AUG 20-DEC 14

PRINCIP OF MYCOLOGY BIOL 456 3 CREDITS  
Prereq: 10 CREDITS IN BIOLOGICAL SCIENCES  
2096005 1 MW 11:00-11:50  
W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
2096010 2 MW 11:00-11:50  
F 12:10-3:00  
MEETS: AUG 20-DEC 14

HERPETOLOGY BIOL 457 2 CREDITS  
Prereq: BIOL 351 OR BIOL 365  
2128005 1 MW 11:00-11:50  
MEETS: AUG 20-DEC 14

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 20-DEC 14  
7335010 2 T 11:00-1:50  
MEETS: AUG 20-DEC 14

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 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

AQUATIC ECOLOGY BIOL 486 3 CREDITS  
Prereq: BIOL 312 OR ENSCI 381 OR ENSCI 402  
OR NREM 301  
1737005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

AQUATIC ECOLOGY LAB BIOL 486L 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN BIOL 486  
1741005 1 T 12:10-3:00  
MEETS: AUG 20-DEC 14  
1741010 2 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14

MICROBIAL ECOLOGY BIOL 487 3 CREDITS  
Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
3511005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

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

GRAD SCHL PREP BIOL BIOL 492 1 CREDIT  
Prereq: CLASSIFICATION IN A LIFE SCIENCES MAJOR;  
SOPHOMORE OR ABOVE  
2382005 M 1:10-2:00  
MEETS: AUG 20-DEC 14

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

## BIOLOGY

(CONTINUED)

- UNDERGRAD SEMINAR BIOL 495 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: FOR JUNIORS AND SENIORS MAJORING IN BIOLOGY ONLY  
Satisfactory-Fail Only  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- COOPERATIVE EDUC BIOL 498 R CREDIT  
Prereq: PERMISSION OF THE BIOLOGY PROGRAM  
COOPERATIVE EDUCATION COORDINATOR  
4546005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Department permission required.  
4546406 SK ARRANGED  
MEETS: AUG 20-DEC 14
- 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**

- BIOMEMS & NANOTECHNL B M E 341 3 CREDITS  
Prereq: B M E 220 OR BIOE 220  
3043005 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14
- BIOMED APP CHEM ENG B M E 440 3 CREDITS  
Prereq: CH E 210, MATH 266, PHYS 222  
3105005 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14
- BIOMATERIALS B M E 456 3 CREDITS  
Prereq: MAT E 216 OR MAT E 272 OR MAT E 392  
3192005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14
- INDEPENDENT STUDY B M E 490 1- 6 CREDITS  
Prereq: PERMISSION OF CHAIR FOR 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 MTR 2:10-3:00  
MTR 3:10-5:00  
MEETS: AUG 20-DEC 14
- 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 MTR 8:00-8:50  
W 9:00-9:50  
F 10:00-10:50  
T 9:00-11:50  
MEETS: AUG 20-DEC 14  
1927010 2 MTR 8:00-8:50  
W 9:00-9:50  
F 10:00-10:50  
R 9:00-11:50  
MEETS: AUG 20-DEC 14
- MOL&CEL BASIS DISEA B M S 335 1 CREDIT  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
9176005 MR 1:10-2:00  
MEETS: AUG 20-OCT 12
- VETERINRY NUTRITION B M S 336 2 CREDITS  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
9177005 M 11:00-11:50  
W 1:10-2:00  
MEETS: AUG 20-DEC 14
- CLINICL 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 F 11:00-11:50  
T 10:00-11:50  
MEETS: AUG 20-DEC 14  
8112010 2 F 11:00-11:50  
R 10:00-11:50  
MEETS: AUG 20-DEC 14
- 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 W 10:00-11:50  
MEETS: AUG 20-DEC 14

## BIOMEDICAL SCIENCES

(CONTINUED)

- PHARMACOL&THERAPEUT B M S 443 3 CREDITS  
Prereq: 354  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
3521005 MTF 11:00-11:50  
MEETS: AUG 20-DEC 14
- PRINCPLS OF ANATOMY B M S 447 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR FOR  
UNDERGRADUATE STUDENTS  
7615005 MF 8:00-8:50  
MWF 9:00-10:50  
MEETS: AUG 20-DEC 14
- 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 ARRANGED  
MEETS: AUG 20-DEC 14
- 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 MTR 2:10-3:00  
MTR 3:10-5:00  
MEETS: AUG 20-DEC 14
- BIOMEDICAL SCIENC I B M S 533 6 CREDITS  
Prereq: FIRST-YEAR CLASSIFICATION IN V MED  
OR GRADUATE STUDENT STATUS  
9324005 MTR 8:00-8:50  
W 9:00-9:50  
F 10:00-10:50  
TR 9:00-11:50  
MEETS: AUG 20-DEC 14
- PRINCPLS PHYSIOLOGY B M S 538 4 CREDITS  
7621005 MTWR 2:10-3:00  
MEETS: AUG 20-DEC 14
- INTRO DNA TECHNIQS B M S 542A 1 CREDIT  
Satisfactory-Fail Only.  
7133005 1 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: AUG 21-SEPT 20
- INTRO CELL TECHNIQS B M S 542C 1 CREDIT  
Satisfactory-Fail Only.  
7135005 1 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: OCT 30-DEC 6
- INTR PROTEOMCS TCNQ B M S 542E 1 CREDIT  
Satisfactory-Fail Only.  
7220005 1 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: SEPT 25-OCT 25  
BAKER M  
BAKER M
- INTR METABLMCS TCNQ B M S 542F 1 CREDIT  
Satisfactory-Fail Only.  
9011005 M 1:10-2:00  
M 2:10-4:00  
MEETS: AUG 20-NOV 2  
PERERA M  
PERERA M
- PHARMACOL&THERAPEUT B M S 543 3 CREDITS  
Prereq: 554  
3523005 MTF 11:00-11:50  
MEETS: AUG 20-DEC 14
- PRINCPLS OF ANATOMY B M S 547 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR IS REQUIRED  
FOR UNDERGRADUATE STUDENTS  
Note: STUDENTS MUST ALLOW ADDITIONAL TIME AFTER THE  
END OF CLASS - UNTIL 11:30 - FOR LAB CLEAN-UP  
7620005 MF 8:00-8:50  
MWF 9:00-10:50  
MEETS: AUG 20-DEC 14
- CELL,M&DEV NEUROSCI B M S 556 3 CREDITS  
Prereq: BIOL 335 OR 436. PHYSICS RECOMMENDED.  
1992005 A TR 2:10-3:30  
MEETS: AUG 20-DEC 14
- CELL BIOLOGY B M S 575 3 CREDITS  
Prereq: 10 CREDITS IN BIOLOGICAL SCIENCE AND  
PERMISSION OF INSTRUCTOR  
8534005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

BIOMEDICAL SCIENCES (CONTINUED)

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 ARRANGED  
 MEETS: AUG 20-DEC 14

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 R 12:10-1:00  
 MEETS: AUG 20-DEC 14

SEMINAR B M S 698B 1 CREDIT  
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
 Satisfactory-Fail Only.  
 6995005 R 12:10-1:00  
 MEETS: AUG 20-DEC 14

SEMINAR B M S 698C 1 CREDIT  
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
 9735005 R 12:10-1:00  
 MEETS: AUG 20-DEC 14

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

**BIORENEWABLE RESOURCES & TECHNOLOGY**

BIOBASE SEM PRESNTN BRT 506C 1 CREDIT  
 Satisfactory-Fail Only.  
 2383005 ARRANGED  
 MEETS: AUG 20-DEC 14

BIORNWBL LAW&POLCY BRT 515 3 CREDITS  
 4316005 1 MWF 12:10-1:00 WANG Y  
 MEETS: AUG 20-DEC 14

SPECIAL TOPICS BRT 590 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PROF  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

BIORNWBL RSOURC LAB BRT 592L 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION. UNDERGRADUATES  
 WITH INSTRUCTOR APPROVAL.  
 3016005 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: THERE IS A \$75 MATERIALS FEE FOR THIS COURSE.

BIORENEWABLE RESOURCES & TECHNOLOGY (CONTINUED)

RESEARCH BRT 699 VAR. CREDITS  
 Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR  
 \*\*\*\*\* 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 101, BUSAD 101H,  
 BUSAD 102, BUSAD 103, BUSAD 103X  
 COURSE RESTRICTED TO BUSINESS STUDENTS ENROLLED  
 IN A LEARNING TEAM.

6245005 A M 11:00-11:50  
 MEETS: AUG 20-DEC 14

6245010 B W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC B RESTRICTED TO TRANSFER STUDENTS  
 ENTERING ISU FALL 2018

6245015 C F 11:00-11:50  
 MEETS: AUG 20-DEC 14

6245020 D M 4:10-5:00  
 MEETS: AUG 20-DEC 14

6245025 E W 4:10-5:00  
 MEETS: AUG 20-DEC 14

ORIENTATION BUSAD 103 1 CREDIT  
 Note: CREDIT IN ONLY ONE OF THE FOLLOWING MAY BE  
 APPLIED TOWARD GRADUATION: BUSAD 101, BUSAD 101H,  
 BUSAD 102, BUSAD 103, BUSAD 103X

9404005 1 M 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO TRANSFER STUDENTS  
 ENTERING ISU FALL 2018

9404010 2 W 8:00-8:50  
 MEETS: AUG 20-DEC 14

9404015 3 F 8:00-8:50  
 MEETS: AUG 20-DEC 14

9404020 4 M 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 4 RESTRICTED TO TRANSFER STUDENTS  
 ENTERING ISU FALL 2018

9404025 5 W 9:00-9:50  
 MEETS: AUG 20-DEC 14

9404030 6 F 9:00-9:50  
 MEETS: AUG 20-DEC 14

9404035 7 M 1:10-2:00  
 MEETS: AUG 20-DEC 14

9404040 8 W 1:10-2:00  
 MEETS: AUG 20-DEC 14

9404045 9 F 1:10-2:00  
 MEETS: AUG 20-DEC 14

9404050 10 M 2:10-3:00  
 MEETS: AUG 20-DEC 14

9404055 11 W 2:10-3:00  
 MEETS: AUG 20-DEC 14

9404060 12 F 2:10-3:00  
 MEETS: AUG 20-DEC 14

9404065 13 M 3:10-4:00  
 MEETS: AUG 20-DEC 14

9404070 14 W 3:10-4:00  
 MEETS: AUG 20-DEC 14

9404075 15 T 8:00-8:50  
 MEETS: AUG 20-DEC 14

9404080 16 R 8:00-8:50  
 MEETS: AUG 20-DEC 14

CAREERS&EMPLOY PREP BUSAD 203 1 CREDIT  
 Prereq: BUSAD 101 OR BUSAD 102  
 Note: COURSE NOT OPEN TO FIRST TERM FRESHMEN

8860005 1 M 8:00-8:50  
 MEETS: AUG 20-DEC 14

8860010 2 M 10:00-10:50  
 MEETS: AUG 20-DEC 14

8860015 3 M 4:10-5:00  
 MEETS: AUG 20-DEC 14

8860020 4 M 5:10-6:00PM  
 MEETS: AUG 20-DEC 14

8860025 5 W 8:00-8:50  
 MEETS: AUG 20-DEC 14

8860030 6 W 10:00-10:50  
 MEETS: AUG 20-DEC 14

8860035 7 W 4:10-5:00  
 MEETS: AUG 20-DEC 14

8860040 8 F 8:00-8:50  
 MEETS: AUG 20-DEC 14

8860045 9 F 10:00-10:50  
 MEETS: AUG 20-DEC 14

8860050 10 W 5:10-6:00PM  
 MEETS: AUG 20-DEC 14

8860055 11 F 9:00-9:50  
 MEETS: AUG 20-DEC 14

8860060 12 M 3:10-4:00  
 MEETS: AUG 20-DEC 14

8860065 13 W 3:10-4:00  
 MEETS: AUG 20-DEC 14

8860070 14 F 3:10-4:00  
 MEETS: AUG 20-DEC 14

## BUSINESS ADMINISTRATION

(CONTINUED)

INTRO TO BUSINESS BUSAD 250 3 CREDITS

Prereq: COM S 113

Note: SECTIONS A1, B1, ETC. RESTRICTED TO BUSINESS COLLEGE UNDERGRAD MAJORS. SECTIONS A2, B2, ETC. RESTRICTED TO UNDERGRADS IN ALL OTHER COLLEGES.

8807005 A1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

8807010 A2 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

8807015 B1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

8807020 B2 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

8807025 C1 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

8807030 C2 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

8807035 D1 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

8807040 D2 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

8807045 E1 TR 8:00-9:15  
MEETS: AUG 20-DEC 14

8807050 E2 TR 8:00-9:15  
MEETS: AUG 20-DEC 14

8807055 F1 TR 3:40-4:55  
MEETS: AUG 20-DEC 14

8807060 F2 TR 3:40-4:55  
MEETS: AUG 20-DEC 14

8807065 G1 TR 5:10-6:25PM  
MEETS: AUG 20-DEC 14

8807070 G2 TR 5:10-6:25PM  
MEETS: AUG 20-DEC 14

8807075 J1 MWF 8:00-8:50  
MEETS: AUG 20-DEC 14

8807080 J2 MWF 8:00-8:50  
MEETS: AUG 20-DEC 14

8807085 K1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

8807090 K2 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

8807095 L1 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

8807100 L2 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

8807105 M1 TR 12:40-1:55  
MEETS: AUG 20-DEC 14

8807110 M2 TR 12:40-1:55  
MEETS: AUG 20-DEC 14

8807115 N1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

8807120 N2 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

EXP DOMESTIC INTERN BUSAD 291A 1- 3 CREDITS

Prereq: WRITTEN APPROVAL OF SUPERVISING

INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM

PRIOR TO THE LEARNING EXPERIENCE

Satisfactory-Fail Only.

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

ENTREPRENSHP SEMINR BUSAD 292 1 CREDIT

8304005 A T 2:10-3:25  
MEETS: AUG 20-DEC 14

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

Satisfactory-Fail Only.

6147005 A ARRANGED WIELAND K  
MEETS: AUG 20-DEC 14  
Note: Permission of coordinator required.

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 20-DEC 14

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS

Prereq: SENIOR CLASSIFICATION; PERMISSION

OF INSTRUCTOR

Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018

Instructor permission required.

3635005 ARRANGED  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY BUSAD 490G 1- 3 CREDITS

Prereq: ACCEPTANCE IN PROFESSIONAL PROGRAM

IN BUSINESS; PERMISSION OF INSTRUCTOR

Note: Instructor permission required.

3634005 ARRANGED  
MEETS: AUG 20-DEC 14

## 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

EXP DOMESTIC INTERNS BUSAD 491A 1- 3 CREDITS

Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM

COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING

INSTRUCTOR AND DEPARTMENT CHAIR 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 491B 1- 3 CREDITS

Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM

COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING

INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM

PRIOR TO THE LEARNING EXPERIENCE.

Note: Instructor permission required.

Satisfactory-Fail Only.

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

QUANT BUS ANLY&amp;DECI BUSAD 502 3 CREDITS

Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL

PERMISSION

Note: COURSE RESTRICTED TO BUSAD MAJORS ONLY

9351005 A TR 7:30-10:50 PARSA R  
MEETS: AUG 28-OCT 4

PRO EXPERIENTL LRNG BUSAD 591 1- 3 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 A F 8:00-10:45 LACZNIAK R  
MEETS: AUG 31-NOV 16

COOPERATIVE EDUCATN BUSAD 598 R CREDIT

Prereq: PERMISSION OF INSTRUCTOR

Note: Instructor permission required.

Satisfactory-Fail Only.

7906005 ARRANGED  
MEETS: AUG 20-DEC 14

CREATIV COMP ACCNTG 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 MARKTNG 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

BUS RSEARCH METHODS BUSAD 644 3 CREDITS

Prereq: ADMISSION TO COLLEGE OF BUSINESS

PH.D. PROGRAM OR PERMISSION OF INSTRUCTOR

9567005 A M 2:10-5:00  
MEETS: AUG 20-DEC 14

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

## CHEMICAL ENGINEERING

(CONTINUED)

LEARNING COMMUNITY CH E 104 R CREDIT  
Prereq: ENROLLMENT IN CH E LEARNING TEAM  
Satisfactory-Fail Only.

3630005 A W 10:00-10:50  
MEETS: AUG 20-DEC 14

3630010 B W 10:00-10:50  
MEETS: AUG 20-DEC 14

3630015 C R 1:10-2:00  
MEETS: AUG 20-DEC 14

3630020 D R 2:10-3:00  
MEETS: AUG 20-DEC 14

3630025 E T 2:10-3:00  
MEETS: AUG 20-DEC 14

3630030 F W 11:00-11:50  
MEETS: AUG 20-DEC 14

3630035 G W 1:10-2:00  
MEETS: AUG 20-DEC 14

3630040 J W 2:10-3:00  
MEETS: AUG 20-DEC 14

CH E PROBL CPTR LAB CH E 160 3 CREDITS  
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH  
PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165  
Note: CLASSROOM TIMES ARE LAB. LECTURE WILL BE  
DELIVERED ONLINE. COURSE RESTRICTED TO CH E  
MAJORS ONLY.  
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).

2778005 A ARRANGED  
MW 12:10-1:00  
MEETS: AUG 20-DEC 14

2778010 B ARRANGED, MW 1:10-2:00  
MEETS: AUG 20-DEC 14

2778015 C ARRANGED, MW 3:10-4:00  
MEETS: AUG 20-DEC 14

2778020 D ARRANGED, MW 4:10-5:00  
MEETS: AUG 20-DEC 14

SEMINAR CH E 202 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN CH E 210  
Note: COURSE RESTRICTED TO CH E MAJORS ONLY

2432005 R 3:40-4:30  
MEETS: AUG 20-DEC 14

CONTINU LEARN COMM CH E 204 R CREDIT  
Prereq: ENROLLMENT IN CH E LEARNING COMMUNITY  
Satisfactory-Fail Only.

8171005 T 9:30-10:20  
MEETS: AUG 20-DEC 14

CH E PROGRSS ASESMT CH E 205 R CREDIT  
Prereq: CHEM 178, MATH 166. CREDIT OR ENROLLMENT  
IN CH E 160 AND CH E 210  
Satisfactory-Fail Only.

2531005 W 5:10-6:00PM  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: MEETING TIME ARRANGED, EXCEPT FOR ONE-TIME  
MANDATORY MEETING ON WED, AUG 30 AT 5:10-6 P.M.

MATRL & ENERGY BALNC CH E 210 3 CREDITS  
Prereq: CHEM 178, MATH 166, CH E 160

2429005 A MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

2429010 B MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

COMPUT MTHDS CHEM E CH E 310 3 CREDITS  
Prereq: CH E 160, CH E 205, CH E 210, MATH 265

2104005 A TR 2:10-3:30  
MEETS: AUG 20-DEC 14

2104010 B TR 12:40-2:00  
MEETS: AUG 20-DEC 14

CHEMICAL ENGR LAB I CH E 325 2 CREDITS  
Prereq: CH E 357, CH E 381; CREDIT OR ENROLLMENT  
IN ENGL 314 OR ENGL 309 OR ENGL 312 OR JL MC 347  
Note: Instructor permission required 1st week.

5699005 A MW 12:10-2:00  
MEETS: AUG 20-DEC 14

5699010 B MW 2:10-4:00  
MEETS: AUG 20-DEC 14

5699015 C MW 12:10-2:00  
MEETS: AUG 20-DEC 14

5699020 D MW 2:10-4:00  
MEETS: AUG 20-DEC 14

TRANSPRT PHENOMEN I CH E 356 3 CREDITS  
Prereq: CH E 205, CH E 210, PHYS 221;  
CREDIT OR ENROLLMENT IN MATH 267

2435005 A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

TRANSPRT PHENOMN II CH E 357 3 CREDITS  
Prereq: CH E 356

2436005 A MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

SEPARATIONS CH E 358 3 CREDITS  
Prereq: CH E 310, CH E 357, CH E 381

2437005 A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

CH E THERMODYNAMICS CH E 381 3 CREDITS  
Prereq: MATH 267, PHYS 222, CHEM 325,  
CREDIT OR ENROLLMENT IN CH E 310

2438005 A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

CHEMICAL REACTN ENGR CH E 382 3 CREDITS  
Prereq: CH E 310, CH E 381; CREDIT OR ENROLLMENT  
IN CH E 357

2439005 A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUC CH E 398 R CREDIT  
Prereq: CH E 298, PERMISSION OF DEPARTMENT AND  
ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SURFAC&COLLOID CHEM CH E 408 3 CREDITS  
Prereq: CH E 381

2106005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

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](http://www.registrar.iastate.edu/students/exams/night-exams).

7965005 A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

7965010 B MWF 8:00-8:50  
MEETS: AUG 20-DEC 14

PROCESS CONTROL CH E 421 3 CREDITS  
Prereq: CH E 358, CH E 382, MATH 267

2447005 A TR 12:40-2:00  
MEETS: AUG 20-DEC 14

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'18  
CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH,  
MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.

2448005 A T 8:00-11:50  
MEETS: AUG 20-DEC 14

2448010 B R 8:00-11:50  
MEETS: AUG 20-DEC 14

PROCES&PLANT DESIGN CH E 430 4 CREDITS  
Prereq: CH E 358, CH E 382

2449005 A MW 8:00-8:50  
MW 9:00-10:50  
MEETS: AUG 20-DEC 14

BIOMED APP CHEM ENG CH E 440 3 CREDITS  
Prereq: CH E 210, MATH 266 OR MATH 267, PHYS 222

2108005 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

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

SURFAC&COLLOID CHEM CH E 508 3 CREDITS  
2135005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

BIOMED APP CHEM ENG CH E 540 3 CREDITS  
Prereq: CH E 210, MATH 266, PHYS 222

2462005 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

ANALYT&NUMERC METHD CH E 545 3 CREDITS  
Prereq: CH E 358, MATH 267

2463005 A MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

## CHEMICAL ENGINEERING

(CONTINUED)

TRANSPORT PHENOMENA CH E 554 4 CREDITS  
Prereq: CH E 357, CH E 381, MATH 267, CREDIT OR ENROLLMENT IN CH E 545  
8238005 MTWF 9:00-9:50  
MEETS: AUG 20-DEC 14

ADV THERMODYNAMICS CH E 583 3 CREDITS  
Prereq: CH E 381  
2467005 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

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 A R 11:00-11:50  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY CH E 692 2- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP CH E 697 R CREDIT  
Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF  
2116005 ARRANGED  
MEETS: AUG 20-DEC 14

TEACHING PRACTICUM CH E 698A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
2774005 M 3:10-4:00  
MEETS: AUG 20-DEC 14

TCHG PRACTICM:EXPRC CH E 698B 1 CREDIT  
Prereq: CH E 698A  
Satisfactory-Fail Only.  
2888005 ARRANGED  
MEETS: AUG 20-DEC 14

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

## CHEMISTRY

COLLEGE CHEM PREP CHEM 50 0 CREDITS  
Prereq: ONE YEAR OF HIGH SCHOOL ALGEBRA  
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 10:00-10:50  
W 8:00-8:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

4523010 2 MF 10:00-10:50  
W 9:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

4523015 3 MF 10:00-10:50  
W 10:00-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

4523020 4 MF 10:00-10:50  
W 11:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

4523025 5 MF 10:00-10:50  
W 12:10-1:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

4523030 6 MF 10:00-10:50  
W 1:10-2:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

4523035 7 MF 10:00-10:50  
W 2:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

4523040 8 MTWRF 2:10-3:00  
MEETS: OCT 15-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

ON CAMPUS ORIENTATN CHEM 101A 1 CREDIT  
Prereq: MEMBER OF THE CHEM LEARNING COMMUNITY  
Satisfactory-Fail Only.  
4760005 T 4:10-5:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

PHYSCL SC FOR EL ED CHEM 102L 3 CREDITS  
Prereq: MATH 195 OR MATH 140  
8675005 1 M 3:10-4:00  
TR 8:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

8675010 2 M 3:10-4:00  
TR 10:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

8675015 3 M 3:10-4:00  
TR 12:10-2:00  
MEETS: AUG 20-DEC 14

## CHEMISTRY

(CONTINUED)

PHYSCL SC FOR EL ED CHEM 102L 3 CREDITS  
Section info: <http://courses.chem.iastate.edu/>  
8675020 4 M 3:10-4:00  
TR 2:10-4:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

8675025 5 M 3:10-4:00  
TR 4:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

8675030 6 T 3:40-4:30  
WF 8:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

8675035 7 T 3:40-4:30  
WF 10:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

8675040 8 T 3:40-4:30  
WF 12:10-2:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

8675045 9 T 3:40-4:30  
WF 2:10-4:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

8675050 10 T 3:40-4:30  
WF 4:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

RESRCH&CAREER OPPOR CHEM 110 1 CREDIT  
Satisfactory-Fail Only.  
8862005 R 4:10-5:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

CHEM IN MOD SOCIETY CHEM 160 3 CREDITS  
2488005 1 TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS  
Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY;  
CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR 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 8:00-8:50  
W 9:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489020 2 MWF 8:00-8:50  
W 9:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489025 3 MWF 8:00-8:50  
W 10:00-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489030 4 MWF 8:00-8:50  
W 11:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489035 5 MWF 8:00-8:50  
W 12:10-1:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489040 6 MWF 8:00-8:50  
W 12:10-1:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489045 7 MWF 8:00-8:50  
W 1:10-2:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489050 8 MWF 8:00-8:50  
W 2:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489055 9 MWF 8:00-8:50  
W 2:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489060 10 MWF 8:00-8:50  
W 3:10-4:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489065 11 MWF 8:00-8:50  
W 4:10-5:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489070 12 MWF 2:10-3:00  
W 8:00-8:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2489075 13 MWF 2:10-3:00  
W 8:00-8:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS  
 2489080 14 MWF 2:10-3:00  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2489085 15 MWF 2:10-3:00  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2489090 16 MWF 2:10-3:00  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2489095 17 MWF 2:10-3:00  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2489100 18 MWF 2:10-3:00  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2489105 19 MWF 2:10-3:00  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2489110 20 MWF 2:10-3:00  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2489115 21 MWF 2:10-3:00  
 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2489041 22 MWF 2:10-3:00  
 W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

GENERAL CHEM LAB I CHEM 163L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT 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 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490010 2 M 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490015 3 M 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490020 4 M 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490025 5 M 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490030 6 M 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490035 7 M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490040 8 M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490045 9 T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490050 10 T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490055 11 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490060 12 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490065 13 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490070 14 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490075 15 W 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490080 16 W 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490085 17 W 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490090 18 W 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490095 19 W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490100 20 W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

GENERAL CHEM LAB I CHEM 163L 1 CREDIT  
 2490105 21 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490110 22 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490115 23 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490120 24 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490125 25 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2490130 26 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

ENGNRS GENERAL CHEM CHEM 167 4 CREDITS  
 Prereq: ONE YEAR OF HIGH SCHOOL CHEMISTRY OR CHEM 50; MATH 143 PRE-CALCULUS OR HIGH SCHOOL EQIV  
 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 3:10-4:00  
 T 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493010 2 MWF 3:10-4:00  
 T 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493015 3 MWF 3:10-4:00  
 T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493020 4 MWF 3:10-4:00  
 T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493025 5 MWF 3:10-4:00  
 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493030 6 MWF 3:10-4:00  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493035 7 MWF 3:10-4:00  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493040 8 MWF 3:10-4:00  
 T 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493045 9 MWF 3:10-4:00  
 T 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493050 10 MWF 3:10-4:00  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493055 11 MWF 3:10-4:00  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493060 12 MWF 3:10-4:00  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493065 13 MWF 3:10-4:00  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493070 14 MWF 3:10-4:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493075 15 MWF 3:10-4:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493080 16 MWF 3:10-4:00  
 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493085 17 MWF 3:10-4:00  
 T 5:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493090 18 MWF 10:00-10:50  
 T 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493095 19 MWF 10:00-10:50  
 T 8:00-8:50  
 MEETS: AUG 20-DEC 14



## CHEMISTRY

(CONTINUED)

ENGNRS GENERAL CHEM CHEM 167 4 CREDITS  
 Section info: <http://courses.chem.iastate.edu/>  
 2493100 20 MWF 10:00-10:50  
 T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493105 21 MWF 10:00-10:50  
 T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493110 22 MWF 10:00-10:50  
 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493115 23 MWF 10:00-10:50  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493120 24 MWF 10:00-10:50  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493125 25 MWF 10:00-10:50  
 T 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493130 26 MWF 10:00-10:50  
 T 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493135 27 MWF 10:00-10:50  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493140 28 MWF 10:00-10:50  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493145 29 MWF 10:00-10:50  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493150 30 MWF 10:00-10:50  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493155 31 MWF 10:00-10:50  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493160 32 MWF 10:00-10:50  
 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493165 33 MWF 10:00-10:50  
 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493170 34 MWF 10:00-10:50  
 T 5:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493175 35 MWF 12:10-1:00  
 T 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493180 36 MWF 12:10-1:00  
 T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493185 37 MWF 12:10-1:00  
 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493190 38 MWF 12:10-1:00  
 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493195 39 MWF 12:10-1:00  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493200 40 MWF 12:10-1:00  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493205 41 MWF 12:10-1:00  
 T 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493210 42 MWF 12:10-1:00  
 T 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493215 43 MWF 12:10-1:00  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493220 44 MWF 12:10-1:00  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493225 45 MWF 12:10-1:00  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

ENGNRS GENERAL CHEM CHEM 167 4 CREDITS  
 2493230 46 MWF 12:10-1:00  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493235 47 MWF 12:10-1:00  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493240 48 MWF 12:10-1:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493245 49 MWF 12:10-1:00  
 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493250 50 MWF 12:10-1:00  
 T 5:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493255 51 MWF 12:10-1:00  
 T 5:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493260 52 MWF 2:10-3:00  
 T 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493265 53 MWF 2:10-3:00  
 T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493270 54 MWF 2:10-3:00  
 T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493275 55 MWF 2:10-3:00  
 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493280 56 MWF 2:10-3:00  
 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493285 57 MWF 2:10-3:00  
 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493290 58 MWF 2:10-3:00  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493295 59 MWF 2:10-3:00  
 T 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493300 60 MWF 2:10-3:00  
 T 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493305 61 MWF 2:10-3:00  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493310 62 MWF 2:10-3:00  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493315 63 MWF 2:10-3:00  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493320 64 MWF 2:10-3:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493325 65 MWF 2:10-3:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493330 66 MWF 2:10-3:00  
 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2493335 67 MWF 2:10-3:00  
 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

ENGINR GEN CHEM LAB CHEM 167L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 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 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2494010 2 M 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2494015 3 T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

ENGINR GEN CHEM LAB CHEM 167L 1 CREDIT  
 2494020 4 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2494025 5 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2494030 6 T 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2494035 7 W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

GENERAL CHEMISTRY I CHEM 177 4 CREDITS  
 Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR  
 1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177L.  
 CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.  
 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](http://www.registrar.iastate.edu/students/exams/night-exams).

2495005 1 MWF 1:10-2:00  
 R 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495010 2 MWF 1:10-2:00  
 R 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495015 3 MWF 1:10-2:00  
 R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495020 4 MWF 1:10-2:00  
 R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495025 5 MWF 1:10-2:00  
 R 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495030 6 MWF 1:10-2:00  
 R 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495035 7 MWF 1:10-2:00  
 R 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495040 8 MWF 1:10-2:00  
 R 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495045 9 MWF 8:00-8:50  
 R 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495050 10 MWF 8:00-8:50  
 R 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495055 11 MWF 8:00-8:50  
 R 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495060 12 MWF 8:00-8:50  
 R 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495065 13 MWF 8:00-8:50  
 R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495070 14 MWF 8:00-8:50  
 R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495075 15 MWF 8:00-8:50  
 R 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495080 16 MWF 8:00-8:50  
 R 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495085 17 MWF 8:00-8:50  
 R 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495090 18 MWF 9:00-9:50  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495095 19 MWF 9:00-9:50  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495100 20 MWF 9:00-9:50  
 R 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY I CHEM 177 4 CREDITS  
 2495105 21 MWF 9:00-9:50  
 R 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495110 22 MWF 9:00-9:50  
 R 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495115 23 MWF 9:00-9:50  
 R 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495120 24 MWF 9:00-9:50  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495125 25 MWF 9:00-9:50  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495130 26 MWF 9:00-9:50  
 R 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495135 27 MWF 9:00-9:50  
 R 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495140 28 MWF 9:00-9:50  
 R 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495145 29 MWF 9:00-9:50  
 R 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495150 30 MWF 9:00-9:50  
 R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495155 31 MWF 9:00-9:50  
 R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495160 32 MWF 9:00-9:50  
 R 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495165 33 MWF 9:00-9:50  
 R 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495170 34 MWF 9:00-9:50  
 R 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495175 35 MWF 11:00-11:50  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495180 36 MWF 11:00-11:50  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495185 37 MWF 11:00-11:50  
 R 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495190 38 MWF 11:00-11:50  
 R 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495195 39 MWF 11:00-11:50  
 R 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495200 40 MWF 11:00-11:50  
 R 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495205 41 MWF 11:00-11:50  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495210 42 MWF 11:00-11:50  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495215 43 MWF 11:00-11:50  
 R 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495220 44 MWF 11:00-11:50  
 R 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495225 45 MWF 11:00-11:50  
 R 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

2495230 46 MWF 11:00-11:50  
 R 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

## GENERAL CHEMISTRY I CHEM 177 4 CREDITS

2495235 47 MWF 11:00-11:50  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495240 48 MWF 11:00-11:50  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495245 49 MWF 11:00-11:50  
R 3:10-4:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495250 50 MWF 11:00-11:50  
R 3:10-4:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495255 51 MWF 11:00-11:50  
R 4:10-5:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495260 52 MWF 1:10-2:00  
R 8:00-8:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495265 53 MWF 1:10-2:00  
R 9:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495270 54 MWF 1:10-2:00  
R 9:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495275 55 MWF 1:10-2:00  
R 10:00-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495280 56 MWF 1:10-2:00  
R 10:00-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495285 57 MWF 1:10-2:00  
R 11:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495290 58 MWF 1:10-2:00  
R 11:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495295 59 MWF 1:10-2:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2495300 60 MWF 1:10-2:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

## LAB GENERAL CHEM I CHEM 177L 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN 177  
Note: CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS  
STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY  
ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD  
GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L,  
CHEM 177N, CHEM 201L.

2496005 1 M 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496010 2 M 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496015 3 M 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496020 4 M 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496025 5 M 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496030 6 M 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496035 7 M 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496040 8 M 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496045 9 M 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496050 10 M 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496055 11 M 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496060 12 M 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496065 13 M 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496070 14 M 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

## LAB GENERAL CHEM I CHEM 177L 1 CREDIT

Section info: <http://courses.chem.iastate.edu/>

2496075 15 M 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496080 16 M 6:10-9:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496085 17 M 6:10-9:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496090 18 M 6:10-9:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496095 19 M 6:10-9:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496100 20 T 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496105 21 T 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496110 22 T 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496115 23 T 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496120 24 T 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496125 25 T 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496130 26 T 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496135 27 T 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496140 28 T 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496145 29 T 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496150 30 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496155 31 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496160 32 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496165 33 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496170 34 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496175 35 W 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496180 36 W 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496185 37 W 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496190 38 W 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496195 39 W 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496200 40 W 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496205 41 W 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496210 42 W 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496215 43 W 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496220 44 W 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496225 45 W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496230 46 W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496235 47 W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496240 48 W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2496245 49 W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

## LAB GENERAL CHEM I CHEM 177L 1 CREDIT

Section info: <http://courses.chem.iastate.edu/>  
 2496250 50 W 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496255 51 W 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496260 52 W 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496265 53 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496270 54 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496275 55 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496280 56 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496285 57 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496290 58 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496295 59 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496300 60 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496305 61 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496310 62 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496315 63 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496320 64 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496325 65 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496330 66 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496335 67 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496340 68 R 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496345 69 R 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2496350 70 R 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

## LAB GENERAL CHEM I CHEM 177N 1 CREDIT

Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 177. FOR CHEMISTRY AND BIOCHEMISTRY MAJORS  
 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 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2498010 72 M 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2498015 73 M 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2498020 74 M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2498025 75 T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2498030 76 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2498035 77 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2498040 78 T 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

## GENERAL CHEMISTRY II CHEM 178 3 CREDITS

Prereq: 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 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499010 2 TR 11:00-11:50  
 F 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499015 3 TR 11:00-11:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499016 4 TR 11:00-11:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499017 5 TR 11:00-11:50  
 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499013 6 TR 11:00-11:50  
 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499020 7 TR 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499025 8 TR 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499030 9 TR 11:00-11:50  
 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499035 10 TR 11:00-11:50  
 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499040 11 TR 11:00-11:50  
 F 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499045 12 MW 1:10-2:00  
 F 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499050 13 MW 1:10-2:00  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499055 14 MW 1:10-2:00  
 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499060 15 MW 1:10-2:00  
 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499065 16 MW 1:10-2:00  
 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499070 17 MW 1:10-2:00  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499075 18 MW 1:10-2:00  
 F 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2499080 19 MW 1:10-2:00  
 F 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

## LAB GENERAL CHEM II CHEM 178L 1 CREDIT

Prereq: CHEM 177L AND CREDIT OR ENROLLMENT  
 IN CHEM 178

2500005 1 M 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500010 2 M 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500015 3 M 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500020 4 M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500025 5 T 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500030 6 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500035 7 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

## CHEMISTRY

(CONTINUED)

LAB GENERAL CHEM II CHEM 178L 1 CREDIT  
 Section info: <http://courses.chem.iastate.edu/>  
 2500040 8 T 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500045 9 W 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500050 10 W 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500055 11 W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500060 12 R 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500065 13 R 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500070 14 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500075 15 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500080 16 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2500085 17 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

ADV GENERAL CHEM CHEM 201 5 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MATH 165, ONE  
 YEAR OF HIGH SCHOOL CHEMISTRY, ONE YEAR HIGH SCHOOL  
 PHYSICS OR ADVANCED CHEMISTRY. 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 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2353010 2 MTWR 1:10-2:00  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 2353015 3 MTWR 1:10-2:00  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 3 RESTRICTED TO CHEM MAJORS ONLY  
 Section info: <http://courses.chem.iastate.edu/>  
 2353020 4 MTWR 1:10-2:00  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

LAB ADV GENRL CHEM CHEM 201L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT 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 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7733010 2 T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7733015 3 W 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7733020 4 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7733025 5 F 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

QUANT&ENVIRO ANALYS CHEM 211 2 CREDITS  
 Prereq: CHEM 163 AND CHEM 163L, CHEM 201  
 AND CHEM 201L; OR CREDIT OR ENROLLMENT IN CHEM 178;  
 AND CONCURRENT ENROLLMENT IN CHEM 211L  
 2503005 1 MW 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

QNT&ENVIRO ANALY LAB CHEM 211L 2 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN CHEM 211  
 3678005 1 MW 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 3678010 2 TR 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 3678015 3 TR 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 3678020 4 TR 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

ELEM ORGANIC CHEM CHEM 231 3 CREDITS  
 Prereq: 163,163L, OR 177,177L; CR OR ENR IN 231L  
 Note: CREDIT FOR EITHER CHEM 231 OR BBME 221, BUT NOT  
 BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR  
 EITHER CHEM 231 (AND 231L) OR CHEM 331 (AND 331L),  
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 2504005 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 231;  
 163L OR 177L  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES  
 MAY BE APPLIED TOWARD GRADUATION: CHEM 231L,  
 CHEM 331L, CHEM 333L  
 7900005 1 M 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7900010 2 M 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7900015 3 M 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7900020 4 M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7900025 5 T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7900030 6 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7900035 7 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7900040 8 T 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 7900045 9 W 8:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

FRESH&SOPH RESEARCH CHEM 299 VAR. CREDITS  
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM  
 STUDENT PROPOSES TO WORK  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INSTRUMTL MTH ANALY CHEM 316 2 CREDITS  
 Prereq: 211, 211L, MATH 166, AND CONCURRENT  
 ENROLLMENT IN 316L; PHYS 222 RECOMMENDED  
 2509005 1 MW 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

INSTRUMN ANALYS LAB CHEM 316L 2 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN CHEM 316  
 3686005 1 MW 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 3686010 2 MW 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 3686015 3 TR 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 3686020 4 TR 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 3686025 5 TR 9:00-11:50  
 MEETS: AUG 20-DEC 14

INTR QUANTUM MECHAN CHEM 324 3 CREDITS  
 Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.  
 5202005 1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 5202010 2 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

CHEMICL THERMODYNAM CHEM 325 3 CREDITS  
 Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.  
 5224005 1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 5224010 2 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>  
 5224015 3 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

ORGANIC CHEMISTRY I CHEM 331 3 CREDITS  
Prereq: CHEM 178 OR CHEM 201, ENROLLMENT IN CHEM 331L HIGHLY RECOMMENDED  
Note: CREDIT FOR EITHER CHEM 331 (AND 331L) OR CHEM 231 (AND 231L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

2516005 1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2516010 2 TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2516015 3 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
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.  
Section info: <http://courses.chem.iastate.edu/>

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT  
Prereq: CHEM 177L; CR OR 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 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270010 2 M 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270015 3 M 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270020 4 M 6:10-9:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270025 5 T 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270030 6 T 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270035 7 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270040 8 W 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270050 10 W 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270055 11 W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270060 12 W 6:10-9:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270065 13 R 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270070 14 R 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270075 15 R 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270080 16 R 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5270085 17 R 6:10-9:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

ORGANIC CHEMISTRY II CHEM 332 3 CREDITS  
Prereq: CHEM 331. ENROLLMENT IN CHEM 332L HIGHLY RECOMMENDED.

2517005 1 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT  
Prereq: CHEM 331L, CR OR 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 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5272010 2 W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5272015 3 W 6:10-9:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5272020 4 R 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY

(CONTINUED)

LAB ORGANIC CHEM CHEM 333L 2 CREDITS  
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 331  
Note: RESTRICTED TO CHEM, BIOCH, BIOFH, AGBIO MAJORS. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L.

5271005 1 MW 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5271010 2 MW 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

5271015 3 MW 6:10-9:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

UNDERGRAD RESEARCH CHEM 399 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION  
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

ADV INORGANIC CHEM CHEM 402 3 CREDITS  
Prereq: 301; 331 RECOMMENDED

2525005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

INDEPENDENT STUDY CHEM 490 VAR. CREDITS  
Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION  
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

COOPERATIVE EDUCATN CHEM 498 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION

4841005 ARRANGED  
MEETS: AUG 20-DEC 14

SENIOR RESEARCH CHEM 499 2- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; B AVG IN ALL CHEMISTRY, PHYSICS, AND MATHEMATICS COURSES  
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 PREPARATNS CHEM 501L 1 CREDIT  
Prereq: 402

2530005 1 T 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

2530010 2 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

ADV INORGANIC CHEM CHEM 502 3 CREDITS  
Prereq: CHEM 402. RECOMMENDED: CHEM 331.

8155005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

PHYSICAL INORGANIC CHEM 505 3 CREDITS  
Prereq: CHEM 402 OR CHEM 502, CHEM 324

2532005 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

ADV ANALYTICAL CHEM CHEM 511 3 CREDITS  
Prereq: CHEM 316 AND CHEM 316L

2536005 MWF 8:00-8:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

ELECTROCH MTHD ANLY CHEM 512 3 CREDITS  
Prereq: CHEM 316, CHEM 316L; RECOMMENDED BUT NOT REQUIRED CHEM 324, CHEM 322L

2537005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

ORGANIC SYNTHESI II CHEM 532 2 CREDITS  
Prereq: 531

9501005 MF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://courses.chem.iastate.edu/>

## CHEMISTRY (CONTINUED)

PHYS ORGANIC CHEM I CHEM 537 3 CREDITS  
Prereq: 332  
2542005 A MW 1:30-3:00  
MEETS: AUG 20-DEC 14  
Section info: http://courses.chem.iastate.edu/

NMR SPECTROSCOPY CHEM 549X 3 CREDITS  
Prereq: ANY ONE OF THE FOLLOWING: CHEM 324,  
CHEM 325, BBMB 461, BBMB 561  
8979005 TR 10:00-11:15 BARB A  
MEETS: AUG 20-DEC 14

FUND QUANTM MECHANIC CHEM 561 4 CREDITS  
Prereq: 324  
2548005 MW 10:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: http://courses.chem.iastate.edu/

SPECTRO ID ORG CMPD CHEM 572 3 CREDITS  
Prereq: 332  
2555005 TR 2:10-3:00  
S 10:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: http://courses.chem.iastate.edu/

INTRO TO CHEM RSCH CHEM 579 R CREDIT  
8083005 TR 8:00-8:50  
F 12:10-1:00  
MEETS: AUG 20-DEC 14  
Section info: http://courses.chem.iastate.edu/

NONTHESIS RESEARCH CHEM 599 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINR INORGNC CHEM CHEM 600 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
2563005 W 4:10-5:30  
MEETS: AUG 20-DEC 14  
Section info: http://courses.chem.iastate.edu/

SEMINR ANALYTIC CHEM CHEM 611 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
2565005 F 2:30-4:00  
MEETS: AUG 20-DEC 14  
Section info: http://courses.chem.iastate.edu/

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
2566005 F 1:10-2:30  
MEETS: AUG 20-DEC 14  
Section info: http://courses.chem.iastate.edu/

SEMINR PHYSICAL CHEM CHEM 660 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
2568005 F 4:10-5:30  
MEETS: AUG 20-DEC 14  
Section info: http://courses.chem.iastate.edu/

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 MTWRF 10:00-10:50  
MEETS: AUG 20-DEC 14  
7373010 2 MTWRF 11:00-11:50  
MEETS: AUG 20-DEC 14  
7373015 3 MTWRF 12:10-1:00  
MEETS: AUG 20-DEC 14

INTMD MAND CHINES I CHIN 201 4 CREDITS  
Prereq: 102  
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
Meets international perspectives reqmt  
7767005 1 MTWR 11:00-11:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: HYBRID COURSE. VIRTUAL CLASS ONE DAY PER WEEK.

ADV MANDARIN CHIN I CHIN 301 3 CREDITS  
Prereq: 202 OR EQUIVALENT  
Note: Meets international perspectives reqmt  
6636005 1 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

CHINA TODAY CHIN 375 3- 4 CREDITS  
Prereq: ENGL 250 OR ENGL 105 OR EQUIVALENT  
Note: Meets international perspectives reqmt  
5347005 T 4:10-7:00PM  
MEETS: AUG 20-DEC 14

## CHINESE (CONTINUED)

SEM TRNSLAT CHI TXT CHIN 403A 3 CREDITS  
Prereq: CHIN 302  
Note: Meets international perspectives reqmt  
9066005 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

SEM CHIN:TOPICS PRO CHIN 403B 3 CREDITS  
Prereq: CHIN 302 OR EQUIVALENT  
Note: Meets international perspectives reqmt  
4533005 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY CHIN 490 1- 6 CREDITS  
Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR  
Note: Permission of department chair required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSH IN CHINESE CHIN 499 1- 3 CREDITS  
Prereq: 9 CREDITS OF CHINESE AT THE 300 LEVEL;  
PERMISSION OF ADVISER AND WLC INTERNSHIP COORDINATOR  
Note: NO MORE THAN 3 CREDITS IN CHIN 499 MAY BE  
APPLIED TOWARD GRADUATION IN THE CHINESE MINOR  
OR THE LCP MINOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CIVIL ENGINEERING

INTRO CIVIL ENG PRO C E 105 1 CREDIT  
Note: COURSE RESTRICTED TO C E MAJORS ONLY  
4906005 1 W 3:10-4:00  
MEETS: AUG 20-DEC 14

FUND OF SURVEYING I C E 111 3 CREDITS  
Prereq: C E 160; CREDIT OR ENR IN ENGR 170 OR  
C E 170; MATH 165  
Note: COURSE RESTRICTED TO C E, CON E MAJORS ONLY  
7242005 1 MF 2:10-3:00  
T 12:10-3:00  
MEETS: AUG 20-DEC 14  
7242010 2 MF 2:10-3:00  
W 12:10-3:00  
MEETS: AUG 20-DEC 14  
7242015 3 MF 2:10-3:00  
T 8:00-10:50  
MEETS: AUG 20-DEC 14  
7242020 4 MF 2:10-3:00  
W 8:00-10:50  
MEETS: AUG 20-DEC 14  
7242025 5 MF 2:10-3:00  
R 8:00-10:50  
MEETS: AUG 20-DEC 14  
7242030 6 MF 2:10-3:00  
R 2:10-5:00  
MEETS: AUG 20-DEC 14

CIVIL ENGR LRN COMM C E 120 R CREDIT  
Satisfactory-Fail Only.  
8518005 1 TR 4:10-5:00  
MEETS: AUG 20-DEC 14

ENGR PROB CMPUT LAB C E 160 3 CREDITS  
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH  
PLACEMENT EXAMS; CREDIT OR 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: 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.  
2911005 1 MW 10:00-11:50  
MEETS: AUG 20-DEC 14  
2911010 2 TR 3:10-5:00  
MEETS: AUG 20-DEC 14  
2911015 3 MW 12:10-2:00  
MEETS: AUG 20-DEC 14  
2911020 4 MW 3:10-5:00  
MEETS: AUG 20-DEC 14

CIVIL ENGR GRAPHICS C E 170 2 CREDITS  
Note: COURSE RESTRICTED TO C E, CON E MAJORS ONLY  
3515005 1 TR 8:00-9:50  
MEETS: AUG 20-DEC 14  
3515010 2 TR 12:10-2:00  
MEETS: AUG 20-DEC 14  
3515015 3 TR 10:00-11:50  
MEETS: AUG 20-DEC 14

ECON ANALY&PRO ISSU C E 206 3 CREDITS  
Prereq: MATH 166, ENGL 250, C E 105.  
ECON 101 RECOMMENDED.  
Note: COURSE RESTRICTED TO C E MAJORS ONLY  
1915005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

## CIVIL ENGINEERING

(CONTINUED)

PROJECT MANAGMNT CE C E 306 3 CREDITS  
Prereq: ENGL 250, C E 105  
Note: COURSE RESTRICTED TO C E JUNIORS AND SENIORS ONLY

4943005 1 MW 3:10-4:00  
R 8:00-10:50  
MEETS: AUG 20-DEC 14

4943010 2 MW 3:10-4:00  
T 8:00-10:50  
MEETS: AUG 20-DEC 14

4943015 3 MW 3:10-4:00  
R 11:00-1:50  
MEETS: AUG 20-DEC 14

4943020 4 MW 3:10-4:00  
T 11:00-1:50  
MEETS: AUG 20-DEC 14

PRIN ENVIRONMT ENGR C E 326 3 CREDITS  
Prereq: CHEM 177 OR 178, MATH 166, CREDIT OR  
ENROLLMENT IN E M 378

2284005 1 MF 10:00-10:50  
W 2:10-4:00  
MEETS: AUG 20-DEC 14

2284010 2 MF 10:00-10:50  
W 10:00-11:50  
MEETS: AUG 20-DEC 14

2284015 3 MF 10:00-10:50  
T 12:10-2:00  
MEETS: AUG 20-DEC 14

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 2:10-3:00  
MEETS: AUG 20-DEC 14

2285010 2 MWF 1:10-2:00  
F 2:10-3:00  
MEETS: AUG 20-DEC 14

2285015 3 M 8:00-8:50  
WF 8:00-8:50  
W 9:00-9:50  
MEETS: AUG 20-DEC 14

2285020 4 M 8:00-8:50  
WF 8:00-8:50  
F 9:00-9:50  
MEETS: AUG 20-DEC 14

STRUCT STEEL DSGN I C E 333 3 CREDITS  
Prereq: 332, E M 327  
Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2286005 1 MWF 8:00-8:50  
R 9:30-10:20  
MEETS: AUG 20-DEC 14

2286010 2 MWF 12:10-1:00  
T 8:00-8:50PM  
MEETS: AUG 20-DEC 14

REIN CONCRETE DSN I C E 334 3 CREDITS  
Prereq: 332, E M 327  
Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2287005 1 MWF 1:10-2:00  
W 12:10-1:00  
MEETS: AUG 20-DEC 14

2287010 2 TR 8:00-9:15  
R 9:30-10:20  
MEETS: AUG 20-DEC 14

PRIN TRANSPORTN ENG C E 355 3 CREDITS  
Prereq: C E 111

2924005 1 TR 3:40-4:55  
MEETS: AUG 20-DEC 14

GEOTECHNICL ENGNRNG C E 360 3 CREDITS  
Prereq: E M 324, CREDIT OR ENROLLMENT IN 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 MF 12:10-1:00  
T 8:00-10:50  
MEETS: AUG 20-DEC 14

2291010 2 MF 12:10-1:00  
T 12:10-3:00  
MEETS: AUG 20-DEC 14

2291015 3 MF 12:10-1:00  
R 8:00-10:50  
MEETS: AUG 20-DEC 14

2291020 4 MF 12:10-1:00  
R 12:10-3:00  
MEETS: AUG 20-DEC 14

2291025 5 MF 12:10-1:00  
R 3:10-6:00PM  
MEETS: AUG 20-DEC 14

2291030 6 MF 12:10-1:00  
W 3:10-6:00PM  
MEETS: AUG 20-DEC 14

## CIVIL ENGINEERING

(CONTINUED)

ENGR HYDROL&HYDRAUL C E 372 3 CREDITS  
Prereq: E M 378, A COURSE IN STATISTICS FROM  
THE APPROVED DEPARTMENT LIST

2293005 1 MF 9:00-9:50  
W 9:00-9:50  
MEETS: AUG 20-DEC 14

DESIGN OF CONCRETES C E 382 3 CREDITS  
Prereq: E M 274  
Note: CREDIT IN C E 382 OR C E 383, BUT NOT BOTH,  
MAY BE APPLIED TOWARD GRADUATION

2294005 1 MF 2:10-3:00  
T 8:00-10:50  
MEETS: AUG 20-DEC 14

2294010 2 MF 2:10-3:00  
T 12:10-3:00  
MEETS: AUG 20-DEC 14

2294015 3 MF 2:10-3:00  
R 12:10-3:00  
MEETS: AUG 20-DEC 14

2294020 4 MF 2:10-3:00  
R 8:00-10:50  
MEETS: AUG 20-DEC 14

2294025 5 MF 2:10-3:00  
W 2:10-5:00  
MEETS: AUG 20-DEC 14

2294030 6 MF 2:10-3:00  
F 3:10-6:00PM  
MEETS: AUG 20-DEC 14

DSGN PORTLAND CEMNT C E 383 1 CREDIT  
Prereq: E M 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 20-DEC 14

9480010 2 R 3:40-5:30  
MEETS: AUG 20-DEC 14

SUSTNBL E&INT'L DEV C E 388 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION IN ENGINEERING  
Note: COURSE RESTRICTED TO COLLEGE OF ENGINEERING  
JUNIORS AND SENIORS  
Meets international perspectives reqmt

8096005 A MW 3:10-4:00  
T 4:10-6:00PM  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUC C E 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROG&OUTCOME ASSESS C E 403 R CREDIT  
Prereq: VERIFICATION OF UNDERGRAD APPLICATION FOR  
GRADUATION BY THE END OF THE FIRST WEEK OF CLASS,  
INSTR PERMISSION FOR STUDENTS GRADUATING SUMMER.  
Note: COURSE RESTRICTED TO STUDENTS GRADUATING FALL  
2018  
Satisfactory-Fail Only.

7351005 1 M 5:10-6:00PM  
MEETS: OCT 15-DEC 14

7351010 2 M 5:10-6:00PM  
MEETS: OCT 15-DEC 14

ENVIRONMT ENGR CHEM C E 420 3 CREDITS  
Prereq: C E 326, CHEM 178

9459005 1 WF 11:00-11:50  
R 12:40-3:30  
MEETS: AUG 20-DEC 14

ENVIRNMTL BIOTECNOL C E 421 3 CREDITS  
Prereq: C E 326

9476005 1 T 9:00-10:50  
R 9:00-10:50  
MEETS: AUG 20-DEC 14

STRUC HEALTH MONITR C E 449 3 CREDITS  
Prereq: SENIOR CLASSIFICATION IN ENGINEERING  
OR PERMISSION OF INSTRUCTOR

9700005 1 MW 3:10-4:40  
MEETS: AUG 20-DEC 14

URB TRNSPRT PLN MOD C E 451 3 CREDITS  
Prereq: C E 355, STAT 101 OR STAT 105

2301005 1 T 9:30-10:45  
R 11:00-12:30  
MEETS: AUG 20-DEC 14

HIGHWAY DESIGN C E 453 3 CREDITS  
Prereq: C E 306, C E 355

2302005 1 MW 9:00-9:50  
R 2:10-4:00  
MEETS: AUG 20-DEC 14

2302010 2 MW 9:00-9:50  
R 4:10-6:00PM  
MEETS: AUG 20-DEC 14



## CIVIL ENGINEERING (CONTINUED)

FOUNDATION ENGINEER C E 460 3 CREDITS  
Prereq: 360  
2303005 1 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

GEOMATERIAL STABILIZ C E 467 3 CREDITS  
Prereq: C E 360 OR C E 382 OR C E 383  
9166005 1 MF 3:10-4:00  
M 4:10-6:00PM  
MEETS: AUG 20-DEC 14

GRNDWATER HYDROLOGY C E 473 3 CREDITS  
Prereq: C E 372  
1937005 1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

ADV DSGN CONCRETES C E 484 3 CREDITS  
Prereq: 382  
9167005 1 M 1:10-2:50  
W 9:00-10:50  
MEETS: AUG 20-DEC 14

CIVIL ENGRN 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.  
ENROLLMENT LIMITED TO SEMESTER OF GRADUATION.  
Note: COURSE RESTRICTED TO STUDENTS GRADUATING  
FALL 2018  
2131005 1 MF 12:10-1:00  
T 11:00-1:00  
MEETS: AUG 20-DEC 14  
2131010 2 MF 12:10-1:00  
T 3:10-5:00  
MEETS: AUG 20-DEC 14

SUST HORIZTL INFRAS C E 488 3 CREDITS  
Prereq: JUNIOR OR HIGHER CLASSIFICATION IN  
ENGINEERING OR SCIENCE  
9518005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

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

PRECONSTR ENGR &MGT C E 501 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN CON E 422  
OR C E 306 OR GRADUATE STANDING  
8714005 1 M 11:00-1:00  
M 7:00-8:00PM  
MEETS: AUG 20-DEC 14

DESIGN CONSTRUC SYS C E 505 3 CREDITS  
Prereq: C E 333, C E 360, CON E 322, CON E 340;  
OR GRADUATE STANDING  
1947600 XE ARRANGED JEONG H  
MEETS: AUG 20-DEC 14  
Note: Section XE is off campus  
Course delivery is WWW

ENVIRONMT ENGR CHEM C E 520 3 CREDITS  
Prereq: C E 326, CHEM 178  
2318005 1 WF 11:00-11:50  
R 12:40-3:30  
MEETS: AUG 20-DEC 14

ENVIRON BIOTECHNOLG C E 521 3 CREDITS  
Prereq: 326  
2319005 1 T 9:00-10:50  
R 9:00-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.public.iastate.edu/~tge/courses/ce521/homepage.html>

STRUCTR ANALYSIS II C E 532 3 CREDITS  
Prereq: 332  
2325005 1 M 10:00-10:50  
W 10:00-11:50  
MEETS: AUG 20-DEC 14

STRUCT STEEL DSN II C E 533 3 CREDITS  
Prereq: 333  
2331005 1 TR 8:00-9:20  
MEETS: AUG 20-DEC 14

PRESTRESS CONCR STR C E 535 3 CREDITS  
Prereq: 334  
2328005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

## CIVIL ENGINEERING (CONTINUED)

URB TRNSPRT PLN MOD C E 551 3 CREDITS  
Prereq: C E 355; STAT 101 OR STAT 105  
2208005 1 T 9:30-10:45  
R 11:00-12:30  
MEETS: AUG 20-DEC 14

TRAFFIC ENGINEERING C E 553 3 CREDITS  
Prereq: 355  
2336005 1 MW 3:10-4:30  
MEETS: AUG 20-DEC 14

SITE EVAL FOR PROJ C E 562 3 CREDITS  
Prereq: 360  
4871005 1 MW 11:00-11:50  
T 3:10-6:00PM  
MEETS: AUG 20-DEC 14

GEOMATERIAL STABILIZ C E 567 3 CREDITS  
Prereq: C E 360; C E 382 OR C E 383  
1945005 1 MF 3:10-4:00  
M 4:10-6:00PM  
MEETS: AUG 20-DEC 14

MODELI AQUATC ENVIR C E 572 3 CREDITS  
Prereq: 372  
4538005 1 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

GRNDWATER HYDROLOGY C E 573 3 CREDITS  
Prereq: 372  
2345005 1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

GEOTECH&MAT ENG SEM C E 581 R CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
2655005 1 W 12:10-1:50  
MEETS: AUG 20-DEC 14

ADV DSGN CONCRETES C E 584 3 CREDITS  
Prereq: 382  
9168005 1 M 1:10-2:50  
W 9:00-10:50  
MEETS: AUG 20-DEC 14

APP PORTL CEM CONCR C E 587 3 CREDITS  
Prereq: 382 OR 383  
2171005 1 M 9:00-10:50  
F 9:00-11:50  
MEETS: AUG 20-DEC 14

SUST HORIZTL INFRAS C E 588 3 CREDITS  
Prereq: JUNIOR OR HIGHER CLASSIFICATION IN  
ENGINEERING OR SCIENCE  
5119005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

SPECIAL TOPICS C E 590 1- 5 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENVIR ENGR C E 591 R CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
1658005 1 T 11:00-11:50  
MEETS: AUG 20-DEC 14

SPL TOP CONSTR PLAN C E 594A 3 CREDITS  
Prereq: C E 306 OR GRADUATE STANDING  
Note: INSTRUCTOR PERMISSION REQUIRED TO REGISTER  
ARRANGED REPRESENTS ONLINE COURSE DELIVERY  
AND COURSEWORK  
2925005 1 T 9:00-9:50, ARRANGED  
MEETS: AUG 20-DEC 14

RSRCH MTDs SEM:QUAL C E 595A 1 CREDIT  
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN  
4616005 M 2:10-4:00  
MEETS: REVISE DATES  
Note: MEETS ALTERNATING WEEKS

CREATIVE COMPONENT C E 599 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TP TRANSP ANLYS C E 650C 3 CREDITS  
4576005 1 T 6:10-9:00PM  
MEETS: AUG 20-DEC 14

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 ARRANGED  
MEETS: AUG 20-DEC 14

## CIVIL ENGINEERING

(CONTINUED)

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

**CLASSICAL STUDIES**

GREEK & ROMAN MYTHOL CL ST 273 3 CREDITS  
 Note: Meets international perspectives reqmt  
 2586005 1 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 2586010 2 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO INCOMING  
 FRESHMAN ONLY

ANCIENT PHILOSOPHY CL ST 310 3 CREDITS  
 Prereq: PHIL 201  
 2584005 MWF 9:00-9:50 BUTLER T  
 MEETS: AUG 20-DEC 14

WLD LIT: ANCT-RENAIS CL ST 353 3 CREDITS  
 Prereq: ENGL 250 OR ENGL 105  
 Note: Meets international perspectives reqmt  
 2585005 A1 M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 2585010 A2 M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN  
 ENGL, TCOMM

HERO GREECE, RM, TDAY CL ST 373 3 CREDITS  
 Prereq: CL ST 273 OR CL ST 275 OR ONE COURSE  
 IN LATIN OR GREEK OR ENGL 250  
 Note: Meets international perspectives reqmt  
 8792005 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

GRK ARCHAE: TO 700BC CL ST 376A 3 CREDITS  
 Note: Meets international perspectives reqmt  
 2916005 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

ROMN ARCHAE TO 400CE CL ST 376C 3 CREDITS  
 Note: Meets international perspectives reqmt  
 9725005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

GREEK & ROMAN ART CL ST 383 3 CREDITS  
 Note: Instructor permission required 1st week.  
 3976005 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

GREEK CIVILIZATION CL ST 402 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Instructor permission required 1st week.  
 2589005 MW 3:10-4:30 HOLLANDER D  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY CL ST 490 1- 6 CREDITS  
 Prereq: 7 CR IN CL ST AT 200 LEVEL OR HIGHER;  
 PERMISSION OF THE PROGRAM CHAIR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**COMMUNICATION STUDIES**

INTRO COMMUNIC STDI COMST 101 3 CREDITS  
 7918005 MWF 11:00-11:50 BLANKENSHIP K  
 MEETS: AUG 20-DEC 14

INTRO INTERPRS COMM COMST 102 3 CREDITS  
 8105005 1A MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO COMST MAJORS ONLY  
 8105010 1B MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN COMST  
 8105015 2A TR 2:10-3:30 VRCHOTA D  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2A RESTRICTED TO COMST MAJORS ONLY  
 8105020 2B TR 2:10-3:30 VRCHOTA D  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2B RESTRICTED TO MAJORS OTHER THAN COMST  
 8105025 3A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3A RESTRICTED TO COMST MAJORS ONLY  
 8105030 3B MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3B RESTRICTED TO MAJORS OTHER THAN COMST  
 8105040 5A TR 9:30-10:50 RAFFERTY K  
 MEETS: AUG 20-DEC 14  
 Note: SEC 5A RESTRICTED TO COMST MAJORS ONLY  
 8105045 5B TR 9:30-10:50 RAFFERTY K  
 MEETS: AUG 20-DEC 14  
 Note: SEC 5B RESTRICTED TO MAJORS OTHER THAN COMST

## COMMUNICATION STUDIES

(CONTINUED)

ORIEN COMMUNICA STU COMST 104 1 CREDIT  
 Prereq: CLASSIFICATION IN COMMUNICATION STUDIES  
 MAJORS  
 Satisfactory-Fail Only.  
 4301005 1 MW 9:00-9:50 HAUGLAND A  
 MEETS: AUG 20-OCT 12

INTRO COM RSRCH MTD COMST 203 3 CREDITS  
 Prereq: COMST 101  
 Note: COURSE RESTRICTED TO COMST MAJORS. COMST MINORS  
 ARE ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD  
 SLIP SIGNED BY THE INSTRUCTOR.  
 5123005 1 MWF 9:00-9:50 COFFELT T  
 MEETS: AUG 20-DEC 14  
 5123010 2 TR 12:40-2:00 RAJAN P  
 MEETS: AUG 20-DEC 14

COMM & U.S. DIVRSITY COMST 210 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 7066005 1 TR 9:30-10:50 RUBLE R  
 MEETS: AUG 20-DEC 14

PROFESSNAL COMMUNIC COMST 214 3 CREDITS  
 9183005 1 TR 2:10-3:30 RAFFERTY K  
 MEETS: AUG 20-DEC 14  
 9183610 XU ARRANGED ODENWELLER K  
 MEETS: AUG 20-DEC 14  
 Note: Section XU is off campus  
 Course delivery is WWW  
 9183605 XV ARRANGED HARMS J  
 MEETS: AUG 20-DEC 14  
 Note: Section XV is off campus  
 Course delivery is WWW  
 9183600 XW ARRANGED HARMS J  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

CONFLICT MANAGEMENT COMST 218 3 CREDITS  
 7314005 1 TR 8:00-9:20 RAFFERTY K  
 MEETS: AUG 20-DEC 14

HUMAN COMMUNIC THRY COMST 301 3 CREDITS  
 Prereq: COMST 101  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 6593005 1 TR 2:10-3:30 VRCHOTA D  
 MEETS: AUG 20-DEC 14  
 6593010 2 TR 9:30-10:50 VRCHOTA D  
 MEETS: AUG 20-DEC 14

INTERCULTURAL COMM COMST 310 3 CREDITS  
 Prereq: COMST 102, COMST 203, COMST 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 Meets international perspectives reqmt  
 7934005 1 TR 8:00-9:20 JENKS T  
 MEETS: AUG 20-DEC 14

STDI INTRPRS NL COMM COMST 311 3 CREDITS  
 Prereq: COMST 102, COMST 203, COMST 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 6428005 1 MWF 10:00-10:50 ODENWELLER K  
 MEETS: AUG 20-DEC 14

LDRSH COMMUN THEOR COMST 313 3 CREDITS  
 Prereq: COMST 102, COMST 203, COMST 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 4305005 1 TR 3:40-5:00 JENKS T  
 MEETS: AUG 20-DEC 14

ORGANIZATIONAL COMM COMST 314 3 CREDITS  
 Prereq: COMST 102, COMST 203, COMST 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 6431005 1 TR 11:00-12:20 TYE-WILLIAMS S  
 MEETS: AUG 20-DEC 14

SMALL GROUP COMM COMST 317 3 CREDITS  
 Prereq: COMST 102, COMST 203, COMST 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 6433005 1 TR 12:40-2:00 TYE-WILLIAMS S  
 MEETS: AUG 20-DEC 14

NONVERBAL COMMUNIC COMST 325 3 CREDITS  
 Prereq: COMST 102, COMST 203, COMST 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 3920005 1 TR 9:30-10:50 SWEET D  
 MEETS: AUG 20-DEC 14

CMPTR-MEDIATED COMM COMST 330 3 CREDITS  
 Prereq: COMST 102, COMST 203, COMST 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 2385005 1 TR 2:10-3:30 RUBLE R  
 MEETS: AUG 20-DEC 14  
 2385010 2 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

COMMUNICATION STUDIES (CONTINUED)

RESEARCH SEMINAR COMST 404 3 CREDITS  
 Prereq: COMST 301 PLUS 3 ADDITIONAL COMMUNICATION STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310, COMST 311, COMST 313, COMST 314, COMST 317, COMST 319, COMST 325, OR COMST 330  
 Note: COURSE RESTRICTED TO COMST SENIORS  
 2298005 1 TR 12:40-2:00 RUBLE R  
 MEETS: AUG 20-DEC 14  
 2298010 2 TR 12:40-2:00 ODENWELLER K  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY COMST 490 1- 3 CREDITS  
 Prereq: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM COMST 491 VAR. CREDITS  
 Prereq: COMST 203, COMST 301, AND PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROFESSNL INTERNSHP COMST 497 1- 3 CREDITS  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR COMST 504 3 CREDITS  
 Prereq: GRADUATE STANDING, INSTRUCTOR PERMISSION  
 Note: Instructor permission required.  
 4421005 1 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

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  
 Note: Meets U.S. diversity reqmt  
 2752005 A MWF 9:00-9:50 BASMAJIAN C  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A RESTRICTED TO C R P MAJORS ONLY  
 2752010 B MWF 9:00-9:50 BASMAJIAN C  
 MEETS: AUG 20-DEC 14  
 Note: SECTION B RESTRICTED TO MAJORS OTHER THAN C R P

ENVIRONMTL PLANNING C R P 293 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 2384005 TR 12:40-2:00 HAMIDEH S  
 MEETS: AUG 20-DEC 14

PRACTICUM C R P 330 1- 3 CREDITS  
 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING  
 Satisfactory-Fail Only.  
 2386005 ARRANGED OWUSU F  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required.

PRO PRACTICE SEMINR C R P 331 2 CREDITS  
 Prereq: C R P 301, JUNIOR CLASSIFICATION  
 3962005 T 3:40-5:25 HADDAD M  
 MEETS: AUG 20-DEC 14

RURAL,URB&REGN ECON C R P 376 3 CREDITS  
 Prereq: ECON 101  
 2227005 1 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

PLAN PROCESS THEORY C R P 383 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 2388005 A TR 11:00-12:20 RONGERUDE J  
 MEETS: AUG 20-DEC 14

FIELD TRAVEL C R P 391 1- 2 CREDITS  
 Prereq: C R P MAJOR, PERMISSION OF ADVISER  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018  
 Satisfactory-Fail Only.  
 2402005 A T 2:10-3:00 HAMIDEH S  
 ARRANGED  
 MEETS: AUG 20-DEC 14

PRO WORK EXPERIENCE C R P 410 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT CHAIR  
 2710005 ARRANGED OWUSU F  
 MEETS: AUG 20-DEC 14

DEVL COUNTRIES PLAN C R P 429 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 2988005 A TR 12:40-2:00 OWUSU F  
 MEETS: AUG 20-DEC 14

CMUNITY PLAN STUDIO C R P 432 4- 6 CREDITS  
 Prereq: C R P 201, C R P 301, C R P 383, OR PERMISSION OF INSTRUCTOR  
 Note: COURSE ONLY OFFERED FOR 6 CREDITS FALL 2018  
 2391005 MW 12:10-5:20  
 MEETS: AUG 20-DEC 14  
 Note: FIELD TRIPS & TRAVEL FEE: \$25.00 - \$100.00

COMMUNITY & REGIONAL PLANNING (CONTINUED)

CMUNTY ECON DEVLPMNT C R P 436 3 CREDITS  
 1932005 MWF 11:00-11:50 BRADBURY S  
 MEETS: AUG 20-DEC 14

SITE DEVELOPMENT C R P 442 3 CREDITS  
 Prereq: 253, 272  
 8760005 A M 5:10-8:00PM BRADBURY S  
 MEETS: AUG 20-DEC 14

FUND REMOTE SENSING C R P 454 3 CREDITS  
 Prereq: C R P 351 OR EQUIVALENT OR PERMISSION OF THE INSTRUCTOR  
 8957005 MW 8:00-9:50 GELDER B  
 MEETS: AUG 20-DEC 14

GIS PROGRMG&AUTOMAT C R P 456 3 CREDITS  
 Prereq: C R P 351 OR C R P 551 OR NREM 345 OR NREM 546 OR GEOL 552  
 5720005 MW 10:00-11:50 GELDER B  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY C R P 490 1- 3 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C R P 490H 1- 3 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 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 A T 5:10-8:00PM SPODEN J  
 MEETS: AUG 20-DEC 14

PRO WORK EXPERIENCE C R P 510 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT CHAIR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DEVL COUNTRIES PLAN C R P 529 3 CREDITS  
 2404005 A TR 12:40-2:00 OWUSU F  
 MEETS: AUG 20-DEC 14

PRACTICUM C R P 530 1- 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION IN C R P  
 Satisfactory-Fail Only.  
 2405005 ARRANGED OWUSU F  
 MEETS: AUG 20-DEC 14

COMMUNITY PLAN STUDIO C R P 532 4- 6 CREDITS  
 Prereq: C R P 564 OR EQUIVALENT  
 2407005 A T 2:10-4:00 BRADBURY S  
 R 2:10-7:00PM BRADBURY S  
 MEETS: AUG 20-DEC 14

CMUNTY ECON DEVLPMNT C R P 536 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 2077005 MWF 11:00-11:50 BRADBURY S  
 MEETS: AUG 20-DEC 14

SITE DEVELOPMENT C R P 542 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 8759005 A M 5:10-8:00PM BRADBURY S  
 MEETS: AUG 20-DEC 14

RESILIENT ENVIRNMTS C R P 550 3 CREDITS  
 9415005 A R 5:10-8:00PM HAMIDEH S  
 ARRANGED  
 MEETS: AUG 20-DEC 14

INTRO GEOG INFO SYS C R P 551 3 CREDITS  
 1985005 A MW 9:00-9:50 MEHROTRA N  
 W 12:10-2:00 MEHROTRA N  
 MEETS: AUG 20-DEC 14  
 1985010 B MW 9:00-9:50 MEHROTRA N  
 W 10:00-11:50 MEHROTRA N  
 MEETS: AUG 20-DEC 14

FUND REMOTE SENSING C R P 554 3 CREDITS  
 2457005 MW 8:00-9:50 GELDER B  
 MEETS: AUG 20-DEC 14

GIS PROGRMG&AUTOMAT C R P 556 3 CREDITS  
 Prereq: ONE OF THE FOLLOWING: C R P 451, C R P 551, NREM 345, NREM 546, GEOL 552  
 5856005 MW 10:00-11:50 GELDER B  
 MEETS: AUG 20-DEC 14

COMMUNITY & REGIONAL PLANNING (CONTINUED)

COMPUTER ENGINEERING

PLAN AMER METROPLIS C R P 563 3 CREDITS  
 9380005 M 5:10-7:40PM BASMAJIAN C  
 MEETS: AUG 20-DEC 14

INTR ANLYT MTHDS PL C R P 564 3 CREDITS  
 9329005 MW 10:00-11:30 HADDAD M  
 MEETS: AUG 20-DEC 14

POLICY ANALYS&PLANN C R P 566 3 CREDITS  
 9330005 W 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

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 A W 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

SEMINAR GIS APP/RES C R P 595 1 CREDIT  
 Prereq: 9 CREDITS IN GIS CERTIFICATE PROGRAM  
 Satisfactory-Fail Only.  
 5571005 M 12:10-1:00  
 MEETS: AUG 20-DEC 14

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

INTR CMPTR SECURITY CPR E 131 1 CREDIT  
 Satisfactory-Fail Only.  
 3482005 1 MW 11:00-11:50  
 MEETS: AUG 20-OCT 12

PRO PROG ORIENTATN CPR E 166 R CREDIT  
 Note: COURSE RESTRICTED TO E E, CPR E MAJORS ONLY  
 2292005 A T 1:10-2:00  
 MEETS: OCT 15-DEC 14

2292010 B R 1:10-2:00  
 MEETS: OCT 15-DEC 14

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: 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  
 3878005 A TR 8:00-8:50  
 W 12:10-2:00  
 MEETS: AUG 20-DEC 14

Note: SECTION A RESTRICTED TO CPR E MAJORS ONLY  
 3878010 B TR 8:00-8:50  
 F 10:00-11:50  
 MEETS: AUG 20-DEC 14

Note: SECTION B RESTRICTED TO CPR E MAJORS ONLY  
 3878015 C TR 8:00-8:50  
 F 12:10-2:00  
 MEETS: AUG 20-DEC 14

Note: SECTION C RESTRICTED TO CPR E MAJORS ONLY  
 3878020 D TR 8:00-8:50  
 F 2:10-4:00  
 MEETS: AUG 20-DEC 14

Note: SECTION D RESTRICTED TO CPR E MAJORS ONLY  
 3878025 E TR 8:00-8:50  
 W 2:10-4:00  
 MEETS: AUG 20-DEC 14

Note: SECTION E RESTRICTED TO ENGR COLLEGE MAJORS  
 3878030 F TR 8:00-8:50  
 W 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

Note: SECTION F RESTRICTED TO CPR E, S E MAJORS ONLY  
 3878035 G TR 8:00-8:50  
 W 6:10-8:00PM  
 MEETS: AUG 20-DEC 14

Note: SECTION G RESTRICTED TO CPR E, S E MAJORS ONLY  
 3878040 J TR 8:00-8:50  
 T 10:00-11:50  
 MEETS: AUG 20-DEC 14

Note: SECTION J RESTRICTED TO CPR E, S E MAJORS ONLY  
 3878045 K TR 8:00-8:50  
 R 6:10-8:00PM  
 MEETS: AUG 20-DEC 14

Note: SECTION K RESTRICTED TO CPR E, S E MAJORS ONLY  
 3878050 L TR 8:00-8:50  
 R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

Note: SECTION L RESTRICTED TO CPR E, S E MAJORS ONLY  
 3878055 M TR 8:00-8:50  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14

Note: SECTION M RESTRICTED TO CPR E, S E MAJORS ONLY

CYBER SECUR FUNDMTL CPR E 230 3 CREDITS  
 Prereq: COM S 107 OR COM S 207 OR COM S 227 OR  
 E E 285  
 9703005 A MW 9:00-9:50  
 R 9:00-10:50  
 MEETS: AUG 20-DEC 14

9703010 B MW 9:00-9:50  
 T 9:00-10:50  
 MEETS: AUG 20-DEC 14

TRANSFER ORIENTATIO CPR E 261 R CREDIT  
 Satisfactory-Fail Only.  
 9198005 A W 11:00-11:50  
 MEETS: AUG 20-DEC 14

9198010 B T 11:00-11:50  
 MEETS: AUG 20-DEC 14

DIG LOGC,PROCSR,P I CPR E 281 4 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO CPR E, E E, COM S, P CS,  
 S E SOPHOMORES, JUNIORS AND SENIORS  
 7321005 A MWF 2:10-3:00  
 T 8:00-10:50  
 MEETS: AUG 20-DEC 14

7321010 B MWF 2:10-3:00  
 T 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

7321015 C MWF 2:10-3:00  
 T 11:00-1:50  
 MEETS: AUG 20-DEC 14

7321020 D MWF 2:10-3:00  
 W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

7321025 E MWF 2:10-3:00  
 R 8:00-10:50  
 MEETS: AUG 20-DEC 14

## COMPUTER ENGINEERING

(CONTINUED)

DIG LOGC, PROCSR, P I CPR E 281 4 CREDITS  
 7321030 F MWF 2:10-3:00  
 F 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 7321035 G MWF 4:10-5:00  
 F 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 7321040 J MWF 4:10-5:00  
 W 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 7321045 K MWF 4:10-5:00  
 R 5:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 7321050 L MWF 4:10-5:00  
 R 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 7321055 M MWF 4:10-5:00  
 T 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 7321060 N MWF 4:10-5:00  
 M 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 7321065 P MWF 4:10-5:00  
 M 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 7321070 Q MWF 4:10-5:00  
 R 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 7321080 T MWF 4:10-5:00  
 W 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 7321085 U MWF 4:10-5:00  
 T 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 7321090 V MWF 4:10-5:00  
 R 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 7321095 W MWF 4:10-5:00  
 W 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 7321100 Y MWF 2:10-3:00  
 F 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 7321105 Z MWF 4:10-5:00  
 T 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 7321110 AA MWF 4:10-5:00  
 F 8:00-10:50  
 MEETS: AUG 20-DEC 14

EMBEDDE SYS I:INTRO CPR E 288 4 CREDITS

Prereq: CPR E 281, COM S 207 OR 227 OR E E 285  
 3364005 A TR 9:30-10:50  
 T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 3364010 B TR 9:30-10:50  
 T 6:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 3364015 C TR 9:30-10:50  
 R 6:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 3364020 D TR 9:30-10:50  
 R 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 3364025 E TR 2:10-3:30  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 3364030 F TR 2:10-3:30  
 T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 3364035 G TR 2:10-3:30  
 W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 3364040 J TR 2:10-3:30  
 F 12:10-2:00  
 MEETS: AUG 20-DEC 14

PROGRAM DISCOVERY CPR E 294 R CREDIT

Prereq: CPR E 166 OR E E 166  
 Satisfactory-Fail Only.  
 5337010 B1 M 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION B1 RESTRICTED TO CPR E MAJORS ONLY  
 5337015 B2 M 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION B2 RESTRICTED TO E E MAJORS ONLY  
 5337020 B3 M 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5337025 C1 F 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION C1 RESTRICTED TO CPR E MAJORS ONLY  
 5337030 C2 F 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION C2 RESTRICTED TO E E MAJORS ONLY  
 5337035 C3 F 3:10-4:00  
 MEETS: AUG 20-DEC 14

## COMPUTER ENGINEERING

(CONTINUED)

OPERAT SYS:PRIN&PRA CPR E 308 4 CREDITS  
 Prereq: CPR E 381 OR COM S 321  
 2036005 A MWF 9:00-9:50  
 W 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 2036010 B MWF 9:00-9:50  
 F 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 2036015 C MWF 9:00-9:50  
 T 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 2036020 D MWF 9:00-9:50  
 R 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 2036025 E MWF 12:10-1:00  
 W 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 2036030 F MWF 12:10-1:00  
 R 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 2036035 G MWF 12:10-1:00  
 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

THEORET FOUND CPR E CPR E 310 3 CREDITS

Prereq: COM S 228  
 9240035 G TR 8:00-9:20  
 M 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 9240040 J TR 8:00-9:20  
 M 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 9240045 K TR 8:00-9:20  
 M 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 9240050 L TR 8:00-9:20  
 M 3:10-4:00  
 MEETS: AUG 20-DEC 14

SOFTWARE PROJCT MGT CPR E 329 3 CREDITS

Prereq: COM S 309  
 6832005 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

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 A MWF 12:10-1:00  
 T 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 2311010 B MWF 12:10-1:00  
 T 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 2311015 C MWF 12:10-1:00  
 W 5:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 2311020 D MWF 12:10-1:00  
 F 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 2311025 E MWF 12:10-1:00  
 R 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 2311035 F MWF 12:10-1:00  
 M 1:10-4:00  
 MEETS: AUG 20-DEC 14

CYBER DEFENS COMPET CPR E 332 1 CREDIT

Satisfactory-Fail Only.  
 9653005 ARRANGED  
 MEETS: AUG 20-DEC 14

SFTWR ARCHITC&DSIGN CPR E 339 3 CREDITS

Prereq: S E 319  
 6834005 TR 4:10-5:30  
 MEETS: AUG 20-DEC 14

CPTR ORG &ASMB PROG CPR E 381 4 CREDITS

Prereq: CPR E 288  
 6769005 A MWF 9:00-9:50  
 W 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 6769010 B MWF 9:00-9:50  
 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 6769015 C MWF 9:00-9:50  
 W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 6769020 D MWF 9:00-9:50  
 F 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 6769025 E MWF 9:00-9:50  
 W 6:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 6769030 F MWF 9:00-9:50  
 R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 6769035 G MWF 9:00-9:50  
 W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 6769040 J MWF 9:00-9:50  
 R 6:10-8:00PM  
 MEETS: AUG 20-DEC 14

## COMPUTER ENGINEERING (CONTINUED)

CPTR ORG &ASMB PROG CPR E 381 4 CREDITS  
6769045 K MWF 9:00-9:50  
R 2:10-4:00  
MEETS: AUG 20-DEC 14

EMBED SYS II:MOBILE CPR E 388 4 CREDITS  
Prereq: CPR E 288  
9014005 A MWF 3:10-4:00  
T 2:10-4:00  
MEETS: AUG 20-DEC 14  
9014010 B MWF 3:10-4:00  
R 2:10-4:00  
MEETS: AUG 20-DEC 14  
9014015 C MWF 3:10-4:00  
R 4:10-6:00PM  
MEETS: AUG 20-DEC 14  
9014020 D MWF 3:10-4:00  
F 12:10-2:00  
MEETS: AUG 20-DEC 14

PROGRAM EXPLORATION CPR E 394 R CREDIT  
Prereq: 294 OR E E 294  
Satisfactory-Fail Only.  
5388010 B1 M 1:10-2:00  
MEETS: AUG 20-DEC 14  
5388015 B2 M 1:10-2:00  
MEETS: AUG 20-DEC 14  
5388020 B3 M 1:10-2:00  
MEETS: AUG 20-DEC 14  
5388025 C1 F 3:10-4:00  
MEETS: AUG 20-DEC 14  
5388030 C2 F 3:10-4:00  
MEETS: AUG 20-DEC 14  
5388035 C3 F 3:10-4:00  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN CPR E 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTR HI PRFM CMPUTG CPR E 424 3 CREDITS  
Prereq: MATH 265; MATH 207 OR MATH 317  
9829005 TR 2:10-4:00  
MEETS: AUG 20-DEC 14

NTWRK PROTOCL&SECUR CPR E 430 3 CREDITS  
Prereq: CPR E 381 OR EQUIVALENT  
9386005 A TR 8:00-9:15  
MEETS: AUG 20-DEC 14

INFO SYSTM SECURITY CPR E 431 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN CPR E 308 OR  
CREDIT OR ENROLLMENT IN COM S 352  
8650005 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

BIOINFORMATC ANALYS CPR E 444 4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
8545005 1 TR 11:00-12:20  
W 2:10-4:00  
MEETS: AUG 20-DEC 14

REAL TIME SYSTEMS CPR E 458 3 CREDITS  
Prereq: 308 OR COM S 352  
4510010 B TR 9:30-10:50  
MEETS: AUG 20-DEC 14

DIGITAL VLSI DESIGN CPR E 465 4 CREDITS  
Prereq: E E 330  
9514005 A TR 9:30-10:50  
T 5:10-8:00PM  
MEETS: AUG 20-DEC 14  
9514010 B TR 9:30-10:50  
W 2:10-5:00  
MEETS: AUG 20-DEC 14  
9514015 C TR 9:30-10:50  
M 4:10-7:00PM  
MEETS: AUG 20-DEC 14

MULTIDISC ENGR DSGN CPR E 466 3 CREDITS  
Prereq: STUDENT MUST BE WITHIN 2 SEMESTERS OF  
GRADUATION, PERMISSION OF INSTRUCTOR  
1899005 1 MWF 3:10-5:00  
MEETS: AUG 20-DEC 14

CPTR NTWRK&DATA COM CPR E 489 4 CREDITS  
Prereq: 381 OR E E 324  
2771010 B TR 11:00-12:20  
F 8:00-9:50  
MEETS: AUG 20-DEC 14  
Note: SECTION B RESTRICTED TO CPR E, E E, E CPE,  
COM S, S E MAJORS ONLY  
2771015 C TR 11:00-12:20  
W 12:10-2:00  
MEETS: AUG 20-DEC 14  
2771025 E TR 11:00-12:20  
M 12:10-2:00  
MEETS: AUG 20-DEC 14

## COMPUTER ENGINEERING (CONTINUED)

INDEPENDENT STUDY CPR E 490 VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR  
MEMBERSHIP IN UNIV HONORS PROGRAM  
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: 308 OR E E 322, COMPLETION OF 24 CREDITS  
IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS  
IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314  
Note: COURSE RESTRICTED TO CPR E, E E, S E JUNIORS  
AND SENIORS  
Instructor permission required 1st week.  
2765005 1 T 2:10-4:00, ARRANGED  
MEETS: AUG 20-DEC 14

SR DESIGN PROJCT II CPR E 492 2 CREDITS  
Prereq: 491  
Note: COURSE RESTRICTED TO CPR E, E E, S E JUNIORS  
AND SENIORS  
1659002 R 2:10-3:00, ARRANGED  
MEETS: AUG 20-DEC 14

PORTFOLIO ASSESSMNT CPR E 494 R CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 491  
Note: COURSE RESTRICTED TO CPR E, E E SENIORS ONLY  
2279005 A W 2:10-3:00  
MEETS: AUG 20-DEC 14  
2279010 B R 3:10-4:00  
MEETS: AUG 20-DEC 14  
2279015 C W 3:10-4:00  
MEETS: AUG 20-DEC 14  
2279020 D R 2:10-3:00  
MEETS: AUG 20-DEC 14

AN&MIXSIG VLSI TCNQ CPR E 501 4 CREDITS  
Prereq: 435  
5329005 A MW 2:10-3:30  
R 5:10-8:00PM  
MEETS: AUG 20-DEC 14  
5329010 B MW 2:10-3:30  
R 2:10-5:00  
MEETS: AUG 20-DEC 14

ADV DSN&ANLY ALGTHM CPR E 511 3 CREDITS  
Prereq: COM S 311  
5651005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

COGNTV RADIO NTWRKS CPR E 522 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
ARRANGED  
8292005 MEETS: AUG 20-DEC 14

PROBLSTC MTHD CPR E CPR E 528 3 CREDITS  
Prereq: CPR E 315 OR COM S 311  
8172005 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

NTWRK PROTOCL&SECUR CPR E 530 3 CREDITS  
Prereq: CPR E 381 OR EQUIVALENT  
2777010 A TR 8:00-9:15  
MEETS: AUG 20-DEC 14

INFO SYSTM SECURITY CPR E 531 3 CREDITS  
Prereq: 489 OR 530 OR COM S 586 OR MIS 535  
Note: ON CAMPUS SECTIONS RESTRICTED TO E CPE, COM S,  
GR ST, INFAS, SCIS GRAD STUDENTS ONLY  
4537005 A MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

CMPTR&NTWRK FORENSI CPR E 536 3 CREDITS  
Prereq: CPR E 489 OR CPR E 530  
5531005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

HI-PERFRM COMM NTWK CPR E 541 3 CREDITS  
Prereq: 530 OR 489  
4357005 MW 4:30-5:55  
MEETS: AUG 20-DEC 14

FUND BIOINFORMATICS CPR E 544 4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
8549005 1 MWF 10:00-10:50  
R 1:10-3:00  
MEETS: AUG 20-DEC 14  
8549010 2 MWF 10:00-10:50  
R 3:10-5:00  
MEETS: AUG 20-DEC 14

COMPUTER ENGINEERING (CONTINUED)

CPTR GRPHC&GEOM MOD CPR E 557 3 CREDITS  
 Prereq: M E 421, PROGRAMMING EXPERIENCE IN C  
 2985005 A TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

REAL-TIME SYSTEMS CPR E 558 3 CREDITS  
 Prereq: 308 OR COM S 352  
 4574010 B TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

PHYS DSIGN VLSI SYS CPR E 566 3 CREDITS  
 Prereq: 465  
 9270005 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

BIOINFMTC ALGORITHMMS CPR E 567 3 CREDITS  
 Prereq: COM S 228, COM S 330; CREDIT OR  
 OR ENROLLMENT IN BIOL 315, STAT 430  
 8329005 A TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

STRUC GENOM INFRMTC CPR E 569 3 CREDITS  
 Prereq: BCE 567, BMBE 316, GEN 409, STAT 430  
 3407005 TR 12:40-1:50 JERNIGAN R  
 MEETS: AUG 20-DEC 14

RECONFIG COMPTG SYS CPR E 583 3 CREDITS  
 Prereq: BACKGROUND IN COMPUTER ARCHITECTURE,  
 DESIGN, AND ORGANIZATION  
 7243005 1 WF 9:30-10:50  
 MEETS: AUG 20-DEC 14

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

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

INFO ASSUR CAPSTONE CPR E 632 3 CREDITS  
 Prereq: 531, 532, 534  
 8104005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required.

ENGINEERG INTERNSHP CPR E 697 R CREDIT  
 Satisfactory-Fail Only.  
 7420005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: PERMISSION OF MANAGER OF CPR E STUDENT SERVICES  
 REQUIRED  
 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 T 12:40-2:00  
 MEETS: AUG 20-OCT 12

2672010 2 R 12:40-2:00  
 MEETS: AUG 20-OCT 12

2672015 3 T 11:00-12:20  
 MEETS: AUG 20-OCT 12

COMPUTER APPLICATNS COM S 103 4 CREDITS  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES  
 MAY BE APPLIED TOWARD GRADUATION: COM S 103,  
 COM S 113, COM S 113X  
 2673005 1 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 IS RESTRICTED TO MAJORS OTHER THAN P CS,  
 COM S. ATTENDANCE AT THE ORIENTATION SESSION FOR  
 SEC 1 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF  
 THE SEMESTER, MONDAY 10:00-10:50 A.M. IN 0109 PEARSON  
 HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>  
 Syllabus: <http://www.cs.iastate.edu/~cs103page/index.html>

2673010 2 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 IS RESTRICTED TO MAJORS OTHER THAN P CS,  
 COM S. ATTENDANCE AT THE ORIENTATION SESSION FOR  
 SEC 2 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF  
 THE SEMESTER, MONDAY 11:00-11:50 A.M. IN 0109 PEARSON  
 HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>  
 Syllabus: <http://www.cs.iastate.edu/~cs103page/index.html>

2673015 3 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 IS RESTRICTED TO MAJORS OTHER THAN P CS,  
 COM S. ATTENDANCE AT THE ORIENTATION SESSION FOR  
 SEC 3 IS REQUIRED. IT WILL BE HELD THE FIRST WEEK OF  
 THE SEMESTER, MONDAY 1:10-2:00 P.M. IN 0109 PEARSON  
 HALL.

COMPUTER SCIENCE (CONTINUED)

COMPUTER APPLICATNS COM S 103 4 CREDITS  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>  
 Syllabus: <http://www.cs.iastate.edu/~cs103page/index.html>

2673600 XW ARRANGED CHANG S  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

INTRO TO PROGRAMMING COM S 104 2 CREDITS  
 2995005 1 MW 4:10-5:00  
 F 4:10-5:00  
 R 4:10-6:00PM  
 MEETS: AUG 20-OCT 12

2995010 2 MW 4:10-5:00  
 F 4:10-5:00  
 R 4:10-6:00PM  
 MEETS: OCT 15-DEC 14

INTRO WEB PROGRAMMG COM S 106 3 CREDITS  
 6704600 XW ARRANGED CHANG S  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

INTRO SPRDSH&DATABS COM S 113 3 CREDITS  
 Note: CREDIT FOR EITHER COM S 103 OR COM S 113/COM S  
 113X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 COM S, S E, AND CPR E MAJORS MAY NOT APPLY CREDIT IN  
 COM S 113 TOWARD GRADUATION.  
 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.

7761600 XW ARRANGED CHANG S  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

7761005 A TR 9:30-10:20  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A RESTRICTED TO COLLEGE OF BUSINESS  
 MAJORS ONLY

7761010 B TR 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION B RESTRICTED TO COLLEGE OF BUSINESS  
 MAJORS ONLY

7761011 C TR 12:40-1:30  
 MEETS: AUG 20-DEC 14  
 Note: SECTION C RESTRICTED TO COLLEGE OF BUSINESS  
 MAJORS ONLY

7761012 D TR 9:30-10:20  
 MEETS: AUG 20-DEC 14  
 Note: SECTION D RESTRICTED TO MAJORS OTHER THAN  
 COLLEGE OF BUSINESS

7761013 E TR 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION E RESTRICTED TO MAJORS OTHER THAN  
 COLLEGE OF BUSINESS

7761014 F TR 12:40-1:30  
 MEETS: AUG 20-DEC 14  
 Note: SECTION F RESTRICTED TO MAJORS OTHER THAN  
 COLLEGE OF BUSINESS

7761015 1 M 8:00-9:50  
 MEETS: AUG 20-DEC 14

7761020 2 M 8:00-9:50  
 MEETS: AUG 20-DEC 14

7761025 3 M 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

7761030 4 M 10:00-11:50  
 MEETS: AUG 20-DEC 14

7761035 5 M 12:10-2:00  
 MEETS: AUG 20-DEC 14

7761040 6 M 2:10-4:00  
 MEETS: AUG 20-DEC 14

7761045 7 M 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

7761050 8 T 8:00-9:50  
 MEETS: AUG 20-DEC 14

7761055 9 T 12:10-2:00  
 MEETS: AUG 20-DEC 14

7761060 10 T 12:10-2:00  
 MEETS: AUG 20-DEC 14

7761065 11 W 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

7761070 12 T 2:10-4:00  
 MEETS: AUG 20-DEC 14

7761075 13 W 8:00-9:50  
 MEETS: AUG 20-DEC 14

7761080 14 T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

7761085 15 R 6:10-8:00PM  
 MEETS: AUG 20-DEC 14

7761090 16 W 8:00-9:50  
 MEETS: AUG 20-DEC 14

7761095 17 W 10:00-11:50  
 MEETS: AUG 20-DEC 14

7761100 18 F 3:10-5:00  
 MEETS: AUG 20-DEC 14

7761105 19 F 3:10-5:00  
 MEETS: AUG 20-DEC 14

7761110 20 F 6:10-8:00PM  
 MEETS: AUG 20-DEC 14

7761115 21 M 3:10-5:00  
 MEETS: AUG 20-DEC 14

## COMPUTER SCIENCE

(CONTINUED)

INTRO SPRD&DATABS COM S 113 3 CREDITS  
 7761120 22 W 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 7761125 23 R 6:40-8:30PM  
 MEETS: AUG 20-DEC 14  
 7761130 24 W 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 7761135 25 M 6:10-8:00PM  
 MEETS: AUG 20-DEC 14

INTRO PROB SLV PROG COM S 127 4 CREDITS  
 Prereq: MATH 140  
 8789005 1 MWF 2:10-3:00  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 8789010 2 MWF 2:10-3:00  
 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 8789015 3 MWF 2:10-3:00  
 R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 8789020 4 MWF 2:10-3:00  
 W 12:10-2:00  
 MEETS: AUG 20-DEC 14

CAREERS IN COM SCI COM S 203 R CREDIT  
 Satisfactory-Fail Only.  
 2682005 R 12:40-2:00 CHAUDHURI S  
 MEETS: AUG 20-OCT 12

FUND CPTR PROGRAMNG COM S 207 3 CREDITS  
 Prereq: MATH 150 OR PLACEMENT INTO MATH  
 140/MATH 141/MATH 142/MATH 145X OR HIGHER  
 Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.  
 9235005 1 MWF 10:00-10:50 NGWENYA J  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 9235010 2 MWF 9:00-9:50 NGWENYA J  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO BUS COLLEGE STUDENTS ONLY  
 9235015 3 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

INTR OBJT ORIEN PRG COM S 227 4 CREDITS  
 Prereq: PLACEMENT INTO MATH 143, MATH 165, OR  
 HIGHER; RECOMMENDED: A PREVIOUS HIGH SCHOOL OR  
 COLLEGE COURSE IN PROGRAMMING OR EQUIVALENT EXPERIENC  
 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.  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.  
 9237005 A MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 9237010 B MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 9237025 1 W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 9237030 2 W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 9237035 3 W 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 9237040 4 W 6:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 9237045 5 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 9237050 6 R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 9237055 7 R 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 9237060 8 R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 9237065 9 R 6:10-8:00PM  
 MEETS: AUG 20-DEC 14

INTRO DATA STRUCTUR COM S 228 3 CREDITS  
 Prereq: C- OR BETTER IN 227, CREDIT OR 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>.  
 9238005 A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 9238010 B MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 9238015 1 M 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 9238020 2 M 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 9238025 3 M 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 9238030 4 T 11:00-11:50  
 MEETS: AUG 20-DEC 14

## COMPUTER SCIENCE

(CONTINUED)

INTRO DATA STRUCTUR COM S 228 3 CREDITS  
 9238035 5 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 9238040 6 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 9238045 7 W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 9238050 8 W 11:00-11:50  
 MEETS: AUG 20-DEC 14

DISCRETE CMP STRUCT COM S 230 3 CREDITS  
 Prereq: C- OR BETTER IN COM S 227 AND 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.  
 4005005 A MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 4005010 B MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 4005100 1 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 4005105 2 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 4005110 3 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 4005115 4 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 4005120 5 M 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 4005125 6 W 9:00-9:50  
 MEETS: AUG 20-DEC 14

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.  
 2680005 ARRANGED  
 MEETS: AUG 20-DEC 14

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.  
 2681005 ARRANGED  
 MEETS: AUG 20-DEC 14

SOFTWR DEV PRACTCES COM S 309 3 CREDITS  
 Prereq: COM S 228 WITH C- OR BETTER;  
 MATH 165 WITH C- OR BETTER  
 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.  
 4438005 A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 4438010 B MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 4438015 1 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 4438020 2 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 4438025 3 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 4438030 4 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 4438035 5 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 4438040 6 T 4:10-5:00  
 MEETS: AUG 20-DEC 14

DSN&ANALYSIS ALGRTH COM S 311 3 CREDITS  
 Prereq: MINIMUM OF A 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.  
 2683005 A TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 2683010 B TR 4:10-5:30  
 MEETS: AUG 20-DEC 14  
 2683100 1 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 2683105 2 R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 2683110 3 M 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 2683115 4 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 2683120 5 R 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 2683125 6 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 2683130 7 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 2683135 8 M 3:10-4:00  
 MEETS: AUG 20-DEC 14



## COMPUTER SCIENCE (CONTINUED)

SFTWR CNSTR&USER IN COM S 319 3 CREDITS  
8537005 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

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 A MWF 8:00-8:50  
MEETS: AUG 20-DEC 14

C FOR PROGRAMMERS COM S 326X 1 CREDIT  
Prereq: MINIMUM OF C- IN COM S 228; COM S 230  
1592005 TR 12:40-1:55  
MEETS: AUG 20-DEC 14

ADV PROGRAMMG TCHNQ COM S 327 3 CREDITS  
Prereq: C- OR BETTER IN COM S 228,  
C- OR BETTER IN MATH 165  
2454005 1 TR 2:10-3:25  
MEETS: AUG 20-DEC 14

THEORY OF COMPUTING COM S 331 3 CREDITS  
Prereq: C- OR BETTER IN COM S 228, MATH 166,  
AND IN COM S 230 OR CPR E 310; ENGL 250  
2686005 1 MWF 9:00-9:50  
R 8:00-8:50  
MEETS: AUG 20-DEC 14  
2686010 2 MWF 9:00-9:50  
W 2:10-3:00  
MEETS: AUG 20-DEC 14  
2686015 3 MWF 9:00-9:50  
R 3:10-4:00  
MEETS: AUG 20-DEC 14

INTRO CMPTR GRPHICS COM S 336 3 CREDITS  
Prereq: COM S 327; CONCURRENT ENROLLMENT IN  
MATH 207 OR MATH 317  
7234005 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

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  
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.  
2687005 A TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
2687100 1 M 12:10-1:00  
MEETS: AUG 20-DEC 14  
2687105 2 T 10:00-10:50  
MEETS: AUG 20-DEC 14  
2687110 3 W 9:00-9:50  
MEETS: AUG 20-DEC 14

INTRO OPERATING SYS COM S 352 3 CREDITS  
Prereq: COM S 321, COM S 327, ENGL 250  
2688005 1 MWF 2:10-3:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14

OBJCT-ORIEN ANALY&D COM S 362 3 CREDITS  
Prereq: C- OR BETTER IN COM S 228;  
C- OR BETTER IN MATH 165; ENGL 250  
2622005 1 TR 3:40-5:00  
MEETS: AUG 20-DEC 14

INTR DATABS MGT SYS COM S 363 3 CREDITS  
Prereq: C- OR BETTER IN COM S 228;  
C- OR BETTER IN MATH 165; ENGL 250  
2689005 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN COM S 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
Note: Instructor permission required.  
2691005 ARRANGED  
MEETS: AUG 20-DEC 14

SR PROJ CMPTR GAM I COM S 402A 2- 3 CREDITS  
Prereq: COM S 437  
Note: NO MORE THAN 6 CREDITS OF COM S 402A, COM S 402B,  
AND COM S 402C MAY BE APPLIED TOWARD GRADUATION.  
COURSE ONLY OFFERED FOR 2 CREDITS FALL 2018.  
9710005 ARRANGED  
MEETS: AUG 20-DEC 14

SOFTWARE REQMTS ENGR COM S 409 3 CREDITS  
Prereq: 309, ENGL 250 OR ENGL 105, SP CM 212  
8508005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

DISTRIB SFTWRE DEVL COM S 410 3 CREDITS  
Prereq: COM S 228, COM S 309, COM S 327  
9354005 M 6:10-9:35PM  
MEETS: AUG 20-DEC 14

## COMPUTER SCIENCE (CONTINUED)

SMART HOME GERONTEC COM S 414 3 CREDITS  
Prereq: COM S 227 OR COM S 207 OR GERON 377  
OR ARTGR 271 OR EQUIVALENT  
2781005 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

SOFTWARE TESTING COM S 417 3 CREDITS  
Prereq: COM S 309, COM S 230 OR CPR E 310;  
ENGL 250, SP CM 212  
2712005 TR 12:40-1:55  
MEETS: AUG 20-DEC 14

LOGIC MATH&CPTR SCI COM S 421 3 CREDITS  
Prereq: MATH 301 OR MATH 207 OR MATH 317 OR  
COM S 230  
6476005 TR 11:00-12:25  
MEETS: AUG 20-DEC 14

INTR HI PRFM CMPUTG COM S 424 3 CREDITS  
Prereq: MATH 265; MATH 207 OR MATH 317  
9828005 TR 2:10-4:00  
MEETS: AUG 20-DEC 14

LG DATA SET ALGRTHM COM S 435 3 CREDITS  
Prereq: COM S 228; COM S 230 OR CPR E 310;  
COM S 311 OR EQUIVALENT  
9618005 1 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

PROGRAMNG LANGUAGES COM S 441 3 CREDITS  
6803005 TR 2:10-3:25  
MEETS: AUG 20-DEC 14

BIOINFORMATC ANALYS COM S 444 4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
8542005 1 TR 11:00-12:20  
W 2:10-4:00  
MEETS: AUG 20-DEC 14

PRIN ARTIFCL INTELL COM S 472 3 CREDITS  
Prereq: COM S 311, COM S 230 OR CPR E 310,  
STAT 330, ENGL 250, SP CM 212, COM S 342 OR  
COMPARABLE PROGRAMMING EXPERIENCE  
7902005 MWF 11:00-11:50  
R 9:00-9:50  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY COM S 490 VAR. CREDITS  
Prereq: 6 CR. 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

SOFTWARE REQMTS ENGR COM S 509 3 CREDITS  
Prereq: COM S 309; FOR GRADUATE CREDIT: GRADUATE  
STANDING OR PERMISSION OF INSTRUCTOR  
8523005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

DISTRIB SFTWRE DEVL COM S 510 3 CREDITS  
Prereq: COM S 228, COM S 229, COM S 309;  
FOR GRADUATE CREDIT: GRADUATE STANDING OR  
PERMISSION OF INSTRUCTOR  
7157005 M 6:10-9:35PM  
MEETS: AUG 20-DEC 14

ADV DSN&ANLY ALGTHM COM S 511 3 CREDITS  
Prereq: 311  
2706005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

SMART HOME GERONTEC COM S 514 3 CREDITS  
Prereq: COM S 227 OR COM S 207 OR GERON 377  
OR ARTGR 271 OR EQUIVALENT; GRADUATE STANDING OR  
PERMISSION OF INSTRUCTOR  
2786005 1 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

LG DATA SET ALGRTHM COM S 535 3 CREDITS  
Prereq: COM S 228; COM S 330 OR CPR E 310 OR  
COM S 311 OR EQUIVALENT  
9619005 1 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

PRIN OPERAT SYSTEMS COM S 552 3 CREDITS  
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN  
2713005 1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

## COMPUTER SCIENCE (CONTINUED)

CPTR GRPHC&GEOM MOD COM S 557 3 CREDITS  
5204005 A TR 2:10-3:30  
MEETS: AUG 20-DEC 14

PRIN&INTRNLS DATABS COM S 561 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2715005 1 TR 3:40-5:00  
W 1:10-2:00  
MEETS: AUG 20-DEC 14

BIOINFMTC ALGORITHMMS COM S 567 3 CREDITS  
Prereq: COM S 228, COM S 330; CREDIT OR  
ENROLLMENT IN BIOL 315, STAT 430  
3275005 A TR 11:00-12:15  
MEETS: AUG 20-DEC 14

STRUC GENOM INFRMTC COM S 569 3 CREDITS  
Prereq: BCE 567, BBMB 316, GEN 409, STAT 430  
3311005 TR 12:40-1:55 JERNIGAN R  
MEETS: AUG 20-DEC 14

PRIN ARTIFCL INTELL COM S 572 3 CREDITS  
Prereq: 311, 331, STAT 330, COM S 342 OR  
COMPARABLE PROGRAMMING EXPERIENCE  
9065005 MWF 11:00-11:50  
R 9:00-9:50  
MEETS: AUG 20-DEC 14

PROB SOLV TCNQ APPL COM S 577 3 CREDITS  
Prereq: COM S 228; COM S 230 OR CPR E 310;  
MATH 166, MATH 207 OR MATH 317, OR CONSENT OF  
THE INSTRUCTOR  
6264005 TR 2:10-3:25  
MEETS: AUG 20-DEC 14

COMPTR NETWORK ARCH COM S 586 3 CREDITS  
Prereq: COM S 511, COM S 552 OR CPR E 489  
2719005 TR 12:40-1:55  
MEETS: AUG 20-DEC 14

SPECIAL TOPICS COM S 590 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COLLOQUIA COM S 592 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
8406010 B MWF 4:10-5:00  
MEETS: AUG 20-DEC 14

GRADUATE INTERNSHIP COM S 598 R CREDIT  
Prereq: GRADUATE CLASSIFICATION  
5627005 ARRANGED  
MEETS: AUG 20-DEC 14

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 TP CMP MOD LRNG COM S 672 3 CREDITS  
Prereq: 572 OR 573 OR 472 OR 474  
2216005 TR 5:10-6:25PM  
MEETS: AUG 20-DEC 14

ADV TOP CMPUT INTEL COM S 673 3 CREDITS  
Prereq: 572 OR 573 OR 472 OR 474  
9467005 TR 2:10-3:25  
MEETS: AUG 20-DEC 14

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 COM E 121 1 CREDIT  
5255005 1 R 4:10-6:00PM  
MEETS: AUG 20-DEC 14

CONTRACTR ORG & MGT CON E 222 3 CREDITS  
Prereq: COMPLETION OF BASIC PROGRAM  
2363005 MW 11:00-11:50  
M 4:10-6:00PM  
MEETS: AUG 20-DEC 14

CONSTR MATLS&METHDS CON E 241 3 CREDITS  
Prereq: COMPLETION OF BASIC PROGRAM  
Note: COURSE RESTRICTED TO CON E MAJORS ONLY  
2730005 1 MW 12:10-1:00  
R 8:00-10:50  
MEETS: AUG 20-DEC 14

## CONSTRUCTION ENGINEERING (CONTINUED)

MECH/ELEC MTRLS&MTH CON E 251 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 241  
2377005 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14

CON EQUIP&HVY C MTH CON E 322 3 CREDITS  
Prereq: CON E 222, AND CON E 241 OR C E 306  
2737005 1 T 12:10-2:00  
R 12:10-2:00  
MEETS: AUG 20-DEC 14

CONCRET&STEEL CONST CON E 340 3 CREDITS  
Prereq: E M 324, CON E 322  
2741005 1 M 4:10-6:00PM  
W 4:10-6:00PM  
MEETS: AUG 20-DEC 14

MECHAN SYS IN BLDGS CON E 352 3 CREDITS  
Prereq: CON E 222, CON E 251, PHYS 222;  
OR PERMISSION OF INSTRUCTOR  
5313005 1 MW 1:10-2:00  
R 2:10-4:00  
MEETS: AUG 20-DEC 14

ELECTR SYS IN BLDGS CON E 353 3 CREDITS  
Prereq: PHYS 222 AND CREDIT OR ENROLLMENT IN  
CON E 352; OR PERMISSION OF INSTRUCTOR  
5317005 1 MW 10:00-10:50  
F 10:00-11:50  
MEETS: AUG 20-DEC 14

ENGINEERING LAW CON E 380 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
5102005 1A MW 3:10-4:30  
MEETS: AUG 20-DEC 14  
Note: SECTION 1A RESTRICTED TO CON E MAJORS ONLY  
5102010 1B MW 3:10-4:30  
MEETS: AUG 20-DEC 14  
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN CON E

BID CONST I:HVY&HWY CON E 381A 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
6244015 3 T 5:10-7:00PM  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN CON E 398 R CREDIT  
Prereq: 298, PERMISSION OF DEPT AND ENGINEERING  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CONSTR COST EST&ENG CON E 422 3 CREDITS  
Prereq: CON E 241, CON E 251, I E 305  
2747005 T 11:00-12:50  
R 11:00-12:50  
MEETS: AUG 20-DEC 14

CON PLAN,SCHED,CNTL CON E 441 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN CON E 422  
2742010 1 MW 11:00-11:50  
T 9:00-10:50  
MEETS: AUG 20-DEC 14

BID CNST II:HVY&HWY CON E 481A 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
6599015 3 T 5:10-7:00PM  
MEETS: AUG 20-DEC 14

CONSTRUC E DESIGN I CON E 487 3 CREDITS  
Prereq: CON E 340 (B,H), CON E 352 (B,E,M),  
CON E 353 (B,E,M), CON E 422, CON E 441. STUDENT  
MUST BE WITHIN TWO SEMESTERS OF GRADUATING.  
7639005 1 MF 12:10-1:00  
T 11:00-1:00  
MEETS: AUG 20-DEC 14  
7639010 2 MF 12:10-1:00  
T 3:10-5:00  
MEETS: AUG 20-DEC 14

CON ENGR DESIGN II CON E 488 3 CREDITS  
Prereq: CON E 340 (B,H), CON E 352 (B,E,M),  
CON E 353 (B,E,M), CON E 422, CON E 441. STUDENT  
MUST BE WITHIN TWO SEMESTERS OF GRADUATING.  
7524005 1 M 9:00-9:50  
M 10:00-10:50  
WF 9:00-10:50  
MEETS: AUG 20-DEC 14

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

**CRIMINAL JUSTICE STUDIES**

**CURRICULUM & INSTRUCTION**

INTR CRIMINL JUSTIC CJ ST 240 3 CREDITS  
 4719005 1 TR 11:00-12:20 DELISI M  
 MEETS: AUG 20-DEC 14

YOUTH & CRIME CJ ST 241 3 CREDITS  
 Prereq: SOC S 130 OR 134  
 2576005 1 MWF 3:10-4:00 HEIRIGS M  
 MEETS: AUG 20-DEC 14  
 2576010 2 TR 9:30-10:50 DELISI M  
 MEETS: AUG 20-DEC 14

DEVIANT & CRIM BEHAV CJ ST 340 3 CREDITS  
 Prereq: SOC 134 OR CJ ST 240  
 2579005 A TR 11:00-12:20 BEHNKEN M  
 MEETS: AUG 20-DEC 14  
 2579010 B MWF 10:00-10:50 BEHNKEN M  
 MEETS: AUG 20-DEC 14

CRIMINOLOGY CJ ST 341 3 CREDITS  
 Prereq: CJ ST 240  
 3175005 A1 MWF 9:00-9:50 HOCHSTETLER A  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A1 RESTRICTED TO SOC, INDIS - CJ ST  
 P S A, AG SO MAJORS ONLY  
 3175010 A2 MWF 9:00-9:50 HOCHSTETLER A  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN  
 SOC, INDIS - CJ ST, P S A, AG SO  
 3175015 B1 TR 3:40-5:00 HOCHSTETLER A  
 MEETS: AUG 20-DEC 14  
 Note: SECTION B1 RESTRICTED TO SOC, INDIS - CJ ST  
 P S A, AG SO MAJORS ONLY  
 3175020 B2 TR 3:40-5:00 HOCHSTETLER A  
 MEETS: AUG 20-DEC 14  
 Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN  
 SOC, INDIS - CJ ST, P S A, AG SO

POLICE AND SOCIETY CJ ST 351 3 CREDITS  
 Prereq: CJ ST 241 OR SOC 241 OR CJ ST 240  
 7751605 XV ARRANGED BOUFFARD J  
 MEETS: AUG 20-DEC 14  
 Note: Section XV is off campus  
 Course delivery is WWW  
 7751600 XW ARRANGED BRINKLEY J  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

CRIMNL JUSTC POLICI CJ ST 404X 3 CREDITS  
 Prereq: CJ ST 240  
 8625005 MWF 10:00-10:50 BOUFFARD J  
 MEETS: AUG 20-DEC 14

DRUGS AND CRIME CJ ST 405X 3 CREDITS  
 Prereq: CJ ST 240  
 9548600 XW ARRANGED BOUFFARD J  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

GENDER AND CRIME CJ ST 406X 3 CREDITS  
 Prereq: CJ ST 240  
 6202005 A TR 11:00-12:20 BOUFFARD L  
 MEETS: AUG 20-DEC 14

CAPITAL PUNISHMENT CJ ST 410 3 CREDITS  
 Prereq: CJ ST 240  
 8888005 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

CRIM & JUV JUST PRAC CJ ST 460 3-12 CREDITS  
 Prereq: JR OR SR CLASSIFICATION; PERMISSION  
 OF CJ ST COORDINATOR; MAJOR OR MINOR IN CJ ST  
 Note: NO MORE THAN 9 CREDITS OF SOC 460/CJ ST 460  
 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN  
 SOC 460/CJ ST 460 MAY BE USED TO SATISFY MINIMUM  
 SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.  
 Satisfactory-Fail Only.  
 2581005 A ARRANGED DELISI M  
 MEETS: AUG 20-DEC 14

TOPIC CRIM&JUV JUST CJ ST 484 3 CREDITS  
 Prereq: 6 CREDITS IN CJ ST AND PERMISSION OF  
 INSTRUCTOR  
 2624005 A M 5:30-8:30PM DRURY A  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A TOPIC: CORRECTIONAL TREATMENT  
 AND SUPERVISION  
 2624600 XW ARRANGED ERICKSON J  
 MEETS: AUG 20-DEC 14  
 Note: TOPIC: HOMICIDE  
 Section XW is off campus  
 Course delivery is WWW

PK-6 CLSRM TECNOLGI C I 201 3 CREDITS  
 Note: COURSE FOR TEACHER LICENSURE STUDENTS ONLY  
 3015095 1 TR 11:00-11:50  
 M 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 1 RESTRICTED TO EL ED MAJORS ONLY  
 3015015 2 TR 11:00-11:50  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 2 RESTRICTED TO EL ED, ECE MAJORS ONLY  
 3015020 3 TR 11:00-11:50  
 W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 3 RESTRICTED TO EL ED MAJORS ONLY  
 3015025 4 TR 11:00-11:50  
 R 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 4 RESTRICTED TO EL ED MAJORS ONLY  
 3015085 5 TR 11:00-11:50  
 M 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 5 RESTRICTED TO EL ED MAJORS ONLY  
 3015035 6 TR 11:00-11:50  
 T 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 6 RESTRICTED TO EL ED MAJORS ONLY  
 3015040 7 TR 11:00-11:50  
 R 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 7 RESTRICTED TO EL ED, ECE MAJORS ONLY

7-12 CLASSRM TECNOL C I 202 3 CREDITS  
 Note: FOR SECONDARY EDUCATION MAJORS ONLY  
 2464005 1 TR 2:10-3:00  
 R 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO A TR, DANCE, D EXA,  
 D EXH, KIN, KIN H, P ATR, PEXA, PDEX H MAJORS ONLY  
 2464010 2 TR 2:10-3:00  
 F 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
 A TR, DANCE, D EXA, D EXH, ENGL, HIST, KIN, KIN H,  
 P ATR, PDEXA, PDEXH, WLC  
 2464015 3 TR 2:10-3:00  
 F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 RESTRICTED TO MAJORS OTHER THAN  
 A TR, DANCE, D EXA, D EXH, ENGL, HIST, KIN, KIN H,  
 P ATR, PDEXA, PDEXH, WLC  
 2464020 4 TR 2:10-3:00  
 F 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 4 RESTRICTED TO ENGL, HIST, WLC MAJORS ONLY  
 2464025 5 TR 2:10-3:00  
 F 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 5 RESTRICTED TO ENGL, HIST, WLC MAJORS ONLY

SOC FOUND SEC DRY ED C I 204 3 CREDITS  
 Note: COURSE IS FOR SECONDARY AND P-12 TEACHER  
 EDUCATION STUDENTS  
 6278005 1 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 6278015 3 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 6278020 4 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 6278025 5 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 6278030 6 MW 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 6278035 7 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 6278040 8 MW 3:40-4:55  
 MEETS: AUG 20-DEC 14

SOC FOUND EDU:ELEM C I 205 3 CREDITS  
 6178005 1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 6178010 2 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 6178015 3 MW 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 6178020 4 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 6178025 5 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 6178030 6 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14

ECE TEACHER ORIENTN C I 208 1 CREDIT  
 Prereq: CLASSIFICATION AS AN ECE MAJOR  
 Satisfactory-Fail Only.  
 4389005 1 W 1:10-2:00  
 MEETS: AUG 20-DEC 14

CURRICULUM & INSTRUCTION (CONTINUED)

ORIENTATN TEACHR ED C I 216 1 CREDIT  
 Prereq: FIRST SEMESTER FRESHMAN EL ED MAJOR  
 Satisfactory-Fail Only.  
 8889005 TR 3:40-4:30  
 MEETS: AUG 20-DEC 14

ORIEN TCHR ED SCI,M C I 219 1 CREDIT  
 Prereq: STUDENTS SEEKING TEACHER LICENSURE IN  
 MATH, SCIENCE, FAMILY AND CONSUMER SCIENCES, OR  
 HISTORY/SOC STUDIES IN GRADES 5-12  
 Satisfactory-Fail Only.  
 1863005 1 W 12:10-1:00  
 MEETS: AUG 20-DEC 14

STRATEGIES IN TCHNG C I 245 3 CREDITS  
 Prereq: C I 205, SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS. TAKE  
 CONCURRENTLY WITH 268.  
 3238005 1 MW 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 3238010 2 TR 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 3238015 3 MW 9:00-10:50  
 MEETS: AUG 20-DEC 14

EXPERNCE I:CORE EXP C I 280A 1- 2 CREDITS  
 Prereq: FULL ADMISSION TO THE UNIVERSITY  
 TEACHER EDUCATION PROGRAM  
 Note: STUDENTS MUST RESERVE ONE MORNING OR ONE  
 AFTERNOON PER CREDIT FOR SITE VISITS. RESTRICTED  
 TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE  
 UNIVERSITY TEACHER EDUCATION PROGRAM.  
 Satisfactory-Fail Only.  
 6279025 1 W 1:10-2:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 6279010 2 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

EXP I:LRNG TECNOLGS C I 280B 1- 2 CREDITS  
 Prereq: C I 201 OR C I 202. FOR 2 CREDIT  
 ENROLLMENT PERMISSION OF INSTRUCTOR IS REQUIRED.  
 Note: Department permission required 1st week.  
 Satisfactory-Fail Only.  
 6280005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

EXP I:MLD/MOD DISAB C I 280I 1- 2 CREDITS  
 Prereq: FULL ADMISSION TO THE UNIVERSITY  
 TEACHER EDUCATION PROGRAM; CONCURRENT ENROLLMENT  
 IN SP ED 330 AND SP ED 334  
 Note: TAKE CONCURRENTLY WITH SP ED 330.  
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018.  
 Department permission required 1st week.  
 Satisfactory-Fail Only.  
 2344005 1 R 1:10-2:00, ARRANGED  
 MEETS: AUG 20-DEC 14

PRE-TCH EXP I:MUSIC C I 280K .5 CREDIT  
 Satisfactory-Fail Only.  
 5673005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

EXPRNC I:SECNDRY ED C I 280L .5 CREDIT  
 Note: COURSE ONLY OFFERED FOR .5 CREDIT FALL 2018.  
 RESERVE A FOUR-HOUR BLOCK, PLUS TRAVEL TIME, FOR  
 FIELD EXPERIENCE.  
 Satisfactory-Fail Only.  
 2843025 1 M 12:10-1:00, ARRANGED  
 MEETS: AUG 20-DEC 14

EXPERIENC I: ART ED C I 280O 1 CREDIT  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018  
 Satisfactory-Fail Only.  
 1904005 ARRANGED  
 MEETS: AUG 20-DEC 14

PRE-TCH EXPRC I:ESL C I 280S 1 CREDIT  
 Prereq: ADMISSION TO THE UNIVERSITY TEACHER  
 EDUCATION PROGRAM  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 Satisfactory-Fail Only.  
 7941005 ARRANGED  
 MEETS: AUG 20-DEC 14

EXPERNC I:TUTORING C I 280T 1 CREDIT  
 Satisfactory-Fail Only.  
 9375005 1 TR 3:10-4:50  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY C I 290 1- 3 CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR, 6 CR IN EDUC  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION (CONTINUED)

PRIN&PRC DIGTL LRNG C I 302 3 CREDITS  
 Prereq: C I 201 OR C I 202  
 6289005 1 W 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

TRANSFR ORIENTATION C I 315 1 CREDIT  
 Note: Department permission required 1st week.  
 Satisfactory-Fail Only.  
 3250005 1 TR 8:00-8:50, ARRANGED  
 MEETS: AUG 20-DEC 14

ED PSYCH YNG LEARNR C I 332 3 CREDITS  
 Prereq: PSYCH 230 OR HD FS 102, OPEN ONLY TO  
 MAJORS IN EARLY CHILDHOOD EDUCATION OR ELEMENTARY ED  
 Note: COURSE RESTRICTED TO ECE, EL ED MAJORS  
 2635005 1 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

EDUCATIONAL PSYCHOL C I 333 3 CREDITS  
 Prereq: PSYCH 230 OR HD FS 102, APPLICATION  
 TO THE TEACHER EDUC PROGRAM OR MAJOR IN PSYCHOLOGY  
 Note: FOR PSYCHOLOGY AND SECONDARY EDUCATION MAJORS  
 ONLY  
 6084005 1 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

NATURE OF SCIENCE C I 347 3 CREDITS  
 Prereq: 280M; CONCURRENT ENROLLMENT IN 418 OR  
 INSTRUCTOR PERMISSION  
 Note: CONCURRENT ENROLLMENT IN C I 418, 468J  
 REQUIRED  
 8267005 T 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

RDG&LANG ARTS K-3RD C I 377 4 CREDITS  
 Prereq: C I 245, SP ED 250, HD FS 240 (ECE MAJ)  
 CONCURRENT ENROLLMENT IN C I 405, C I 448, C I 468A,  
 C I 468C (EL ED) OR C I 438, C I 468F, C I 468G,  
 SP ED 368, ADMISSION TO TEACHER EDUC PROGRAM  
 Note: FOR ECE MAJORS, THE CONCURRENT ENROLLMENT  
 REQUIREMENTS ARE SP ED 368, C I 438, C I 468F & 468G.  
 FOR EL ED MAJORS, THE CONCURRENT ENROLLMENT REQM'T  
 IS C I 468A. RESTRICTED TO STUDENTS WITH FULL OR  
 TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUC  
 PROGRAM.  
 NO MEETINGS OCT 22-NOV 16  
 2066005 1 MW 8:00-10:30  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SEC 1 OF C I 448.  
 Department permission required 1st week.  
 2066010 2 MW 11:00-1:30  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SEC 2 OF C I 448.  
 Department permission required 1st week.  
 2066015 3 MW 2:10-4:40  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SEC 3 OF C I 448.  
 Department permission required 1st week.  
 2066020 4 MW 8:00-10:30  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SEC 4 OF C I 448.  
 Department permission required 1st week.  
 2066025 5 MW 11:00-1:30  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SEC 5 OF C I 448.  
 Department permission required 1st week.  
 2066030 6 MW 11:00-1:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC 6 RESTRICTED TO ECE MAJORS ONLY.  
 REGISTER FOR SEC 6 OF C I 448.  
 Department permission required 1st week.

RDG&LANG ARTS 4TH-6 C I 378 4 CREDITS  
 Prereq: C I 377; CONCURRENT ENROLLMENT IN  
 C I 449, C I 468B, C I 468D, AND C I 443  
 Note: MUST ENROLL IN 468B AND 468D  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 Department permission required 1st week.  
 2078005 1 TR 8:00-10:30  
 MEETS: AUG 20-DEC 14  
 Note: NO MEETINGS SEPT 25-OCT 18. REGISTER FOR  
 SEC 1 OF C I 443.  
 2078010 2 TR 11:00-1:30  
 MEETS: AUG 20-DEC 14  
 Note: NO MEETINGS SEPT 25-OCT 18. REGISTER FOR  
 SEC 2 OF C I 443.

TCHG DISCPN LITERCY C I 395 3 CREDITS  
 Prereq: C I 204 AND JUNIOR CLASSIFICATION  
 9656005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

SOC JUSTC ED:ECE&EL C I 405 3 CREDITS  
 Prereq: C I 201, C I 332, JUNIOR CLASSIFICATION,  
 ADMISSION TO TEACHER EDUCATION PROGRAM  
 Note: NO MEETING OCT 22-NOV 14  
 Meets U.S. diversity reqmt  
 8300005 1 MW 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required 1st week.  
 8300010 2 MW 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required 1st week.  
 8300015 3 MW 9:00-10:50  
 MEETS: AUG 20-DEC 14

CURRICULUM & INSTRUCTION (CONTINUED)

SOC JUSTC ED:EC&EL C I 405 3 CREDITS  
 Note: Department permission required 1st week.  
 8300020 4 MW 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required 1st week.  
 8300025 5 MW 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required 1st week.

SOCIAL JUSTC ED:SEC C I 406 3 CREDITS  
 Prereq: C I 201 OR C I 202, C I 332 OR C I 333,  
 JUNIOR CLASSIFICATION IN SECONDARY OR K-12 EDUC  
 PROGRAMS; ADMISSION TO TEACHER PREP PROGRAM  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUC PROGRAM.  
 FOR STUDENTS IN SECED.  
 Meets U.S. diversity reqmt  
 6292005 1 R 5:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required 1st week.  
 6292010 2 MW 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required 1st week.  
 6292015 3 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required 1st week.  
 6292020 4 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required 1st week.

PRIN DISTANCE LEARN C I 407 3 CREDITS  
 Prereq: C I 201 OR C I 202; CONVENIENT  
 ACCESS TO THE WEB  
 4037005 1 M 4:10-7:00PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14

SUPV STDT TCHG: K-3 C I 416A VAR. CREDITS  
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER  
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,  
 449; RESERVATION REQUIRED  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 Department permission required 1st week.  
 5054005 1A ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1A OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING IN CENTRAL IOWA.  
 5054010 1R ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING OUTSIDE CENTRAL IOWA.  
 5054015 2A ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2A OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING IN CENTRAL IOWA.  
 5054020 2R ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING OUTSIDE CENTRAL IOWA.

SUPV TCHG:GRADES4-6 C I 416B VAR. CREDITS  
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER  
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,  
 449; RESERVATION REQUIRED  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 Department permission required 1st week.  
 5056005 1A ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
 OFFERED FOR 8 CREDITS.  
 5056010 1R ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 OFFERED FOR 8 CREDITS  
 5056015 2A ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
 OFFERED FOR 8 CREDITS.  
 5056020 2R ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 OFFERED FOR 8 CREDITS

SUPV TCHG:WRLD LANG C I 416C VAR. CREDITS  
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER  
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,  
 449; RESERVATION REQUIRED  
 Note: COURSE ONLY OFFERED FOR 8 CREDITS FALL 2018.  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 5057005 1A ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 5057010 1R ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 5057015 2A ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 5057020 2R ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

CURRICULUM & INSTRUCTION (CONTINUED)

SUPV TCHG: ESL ELEM C I 416Z VAR. CREDITS  
 Note: COURSE ONLY OFFERED FOR 8 CREDITS FALL 2018.  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 9510005 1A ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 9510010 1R ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 9510015 2A ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 9510020 2R ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STDT TCH SOC ST MID C I 417A VAR. CREDITS  
 Note: COURSE ONLY OFFERED FOR 8 CREDITS FALL 2018.  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
 PROGRAM.  
 8046005 1A ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
 OFFERED FOR 8 CREDITS.  
 8046010 1R ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING OUTSIDE CENTRAL IOWA.  
 8046015 2A ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA.  
 OFFERED FOR 8 CREDITS.  
 8046020 2R ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING OUTSIDE CENTRAL IOWA.

STUDNT TCH PHYS SCI C I 417B VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 9044005 1 ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 1 OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING IN CENTRAL IOWA SECOND HALF TERM.

STUDNT TEACHNG MATH C I 417C VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 9045005 1A ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 9045010 1R ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 9045015 2A ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 9045020 2R ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

STUDNT TCH BIOL SCI C I 417D VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 9046005 1 ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1 OFFERED FOR 8 CREDITS  
 9046010 2 ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2 OFFERED FOR 8 CREDITS

STUDNT TCH ENGL&LIT C I 417E VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: COURSE RESTRICTED TO ENGL SENIORS WITH FULL  
 OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER  
 EDUCATION 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.  
 9047005 1 ARRANGED  
 MEETS: AUG 20-OCT 12  
 9047010 2 ARRANGED  
 MEETS: AUG 20-OCT 12  
 9047015 3 ARRANGED  
 MEETS: AUG 20-OCT 12  
 9047020 4 ARRANGED  
 MEETS: AUG 20-OCT 12  
 9047025 5 ARRANGED  
 MEETS: OCT 15-DEC 14  
 9047030 6 ARRANGED  
 MEETS: OCT 15-DEC 14  
 9047035 7 ARRANGED  
 MEETS: OCT 15-DEC 14  
 9047040 8 ARRANGED  
 MEETS: OCT 15-DEC 14

CURRICULUM & INSTRUCTION (CONTINUED)

STDT TCH WORLD LANG C I 417G VAR. CREDITS  
 Prereg: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 9049005 1 ARRANGED  
 MEETS: AUG 20-OCT 12  
 9049010 2 ARRANGED  
 MEETS: AUG 20-OCT 12  
 9049015 3 ARRANGED  
 MEETS: AUG 20-OCT 12  
 9049020 4 ARRANGED  
 MEETS: AUG 20-OCT 12  
 9049025 5 ARRANGED  
 MEETS: OCT 15-DEC 14  
 9049030 6 ARRANGED  
 MEETS: OCT 15-DEC 14  
 9049035 7 ARRANGED  
 MEETS: OCT 15-DEC 14  
 9049040 8 ARRANGED  
 MEETS: OCT 15-DEC 14

STDNT TCH EARTH SCI C I 417J VAR. CREDITS  
 Prereg: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 9051005 1 ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SECTION 1 OFFERED FOR 16 CREDITS  
 9051010 2 ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SECTION 2 OFFERED FOR 8 CREDITS

STDT TCH BASIC SCI C I 417M VAR. CREDITS  
 Prereg: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 9054005 1 ARRANGED  
 MEETS: OCT 15-DEC 14  
 9054010 2 ARRANGED  
 MEETS: AUG 20-OCT 12

STDT TCH SOC STU HS C I 417P VAR. CREDITS  
 Prereg: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: COURSE ONLY OFFERED FOR 8 CREDITS FALL 2018  
 8612005 1A ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1A OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING IN CENTRAL IOWA.  
 8612010 1R ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING OUTSIDE CENTRAL IOWA.  
 8612015 2A ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2A OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING IN CENTRAL IOWA.  
 8612020 2R ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING OUTSIDE CENTRAL IOWA.

STUDNT TCH ELEM MUS C I 417R VAR. CREDITS  
 Note: COURSE ONLY OFFERED FOR 8 CREDITS FALL 2018.  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
 PROGRAM.  
 6702005 1 ARRANGED  
 MEETS: AUG 20-OCT 12  
 6702010 2 ARRANGED  
 MEETS: OCT 15-DEC 14

STUDNT TCHG SEC MUS C I 417S VAR. CREDITS  
 Note: COURSE ONLY OFFERED FOR 8 CREDITS FALL 2018.  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
 PROGRAM.  
 6682005 1 ARRANGED  
 MEETS: AUG 20-OCT 12  
 6682010 2 ARRANGED  
 MEETS: OCT 15-DEC 14

STDNT TCH ESL SECY C I 417Z VAR. CREDITS  
 Note: COURSE ONLY OFFERED FOR 8 CREDITS FALL 2018  
 9512005 1A ARRANGED  
 MEETS: AUG 20-OCT 12  
 9512010 1R ARRANGED  
 MEETS: AUG 20-OCT 12  
 9512015 2A ARRANGED  
 MEETS: OCT 15-DEC 14  
 9512020 2R ARRANGED  
 MEETS: OCT 15-DEC 14

CURRICULUM & INSTRUCTION (CONTINUED)

SECNDRY SCI METHD I C I 418 3 CREDITS  
 Prereg: C I 280M OR C I 514; ALSO FOR UNDERGRADS:  
 CONCURRENT ENROLLMENT IN C I 347 AND C I 468J  
 Note: CONCURRENT ENROLLMENT IN 468J AND 347 REQUIRED  
 8268005 1 M 4:10-7:00PM  
 MEETS: AUG 20-DEC 14

BILINGUAL&U.S. MEXI C I 420 3 CREDITS  
 Prereg: C I 405 OR C I 406  
 8569005 F 1:10-4:00  
 MEETS: AUG 20-DEC 14

PRINCIPLS SECNDY ED C I 426 3 CREDITS  
 Prereg: SENIOR CLASSIFICATION, ADMISSION TO  
 TEACHER EDUCATION PROGRAM  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 6293005 1 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 6293010 2 W 5:30-8:30PM  
 MEETS: AUG 20-DEC 14

SOC STDI PRIM GRADE C I 433 2 CREDITS  
 Prereg: C I 377, HD FS 224. CONCURRENT  
 ENROLLMENT IN C I 439, SP ED 355, SP ED 455, C I 468I  
 4487005 1 M 8:00-10:30  
 MEETS: AUG 20-DEC 14  
 Note: NO MEETINGS SEPT 25-OCT 18

MATH IN PRIMRY GRDS C I 438 2 CREDITS  
 Prereg: C+ OR BETTER IN MATH 195 AND MATH 196.  
 CONCURRENT ENROLLMENT IN C I 377, C I 468F, C I 468G,  
 AND SP ED 368.  
 Note: COURSE RESTRICTED TO ECE MAJORS  
 4489005 1 MW 11:00-12:15  
 MEETS: AUG 20-DEC 14

SCI IN PRIMARY GRDS C I 439 2 CREDITS  
 Prereg: 377, HD FS 224; CONCURRENT ENROLLMENT IN  
 C I 433, C I 468I, SP ED 355, SP ED 455  
 Note: COURSE RESTRICTED TO ECE MAJORS  
 4491005 W 8:00-10:30  
 MEETS: AUG 20-DEC 14  
 Note: NO MEETINGS SEPT 25-OCT 18

TCHG OF SOC STUDIES C I 443 3 CREDITS  
 Prereg: C I 377; CONCURRENT ENROLLMENT IN  
 C I 378, C I 449, C I 468B, C I 468D (EL ED MAJORS)  
 Note: MUST BE ADMITTED TO TEACHER EDUCATION PROGRAM  
 Department permission required 1st week.  
 3258005 1 TR 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: NO MEETINGS SEPT 25-OCT 20. REGISTER FOR  
 SECTION 1 OF C I 449  
 3258010 2 TR 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: NO MEETINGS SEPT 25-OCT 20. REGISTER FOR  
 SECTION 2 OF C I 449  
 3258015 3 TR 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 Note: NO MEETINGS SEPT 25-OCT 20. REGISTER FOR  
 SECTION 3 OF C I 449  
 3258020 4 TR 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: NO MEETINGS SEPT 25-OCT 20. REGISTER FOR  
 SECTION 4 OF C I 449.  
 3258025 5 TR 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SECTION 5 OF C I 449. RESTRICTED  
 TO ECE MAJORS ONLY.

TCHNG CHILDREN MATH C I 448 3 CREDITS  
 Prereg: MATH 195 (C- OR BETTER), MATH 196 (C-  
 OR BETTER); CONCURRENT ENROLLMENT IN C I 377,  
 C I 468A, C I 468C, C I 405 (EL ED MAJORS) OR  
 C I 377, C I 468F,G, SP ED 368 (ECE MAJORS)  
 Note: TAKE CONCURRENTLY WITH 377, 468A, AND 468C -  
 SAME SECTION NUMBER. RESTRICTED TO STUDENTS WITH  
 FULL OR TENTATIVE ADMISSION TO THE TEACHER EDUCATION  
 PROGRAM.  
 Department permission required 1st week.  
 3260020 1 MW 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SECTION 1 OF C I 405X  
 3260025 2 MW 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SECTION 2 OF C I 405X  
 3260015 3 MW 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SECTION 3 OF C I 405X  
 3260030 5 MW 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SECTION 5 OF C I 405X  
 3260035 6 MW 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SECTION 6 OF C I 405X  
 3260040 7 MW 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SECTION 7 OF C I 405X  
 3260045 8 MW 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: REGISTER FOR SECTION 8 OF C I 405X

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

TEACHING OF SCIENCE C I 449 3 CREDITS  
Prereq: C I 377. CONCURRENT ENROLLMENT IN C I 378, C I 468B, C I 468D, AND C I 443.  
Note: RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Department permission required 1st week.  
3261005 1 TR 11:00-12:50  
MEETS: AUG 20-DEC 14  
Note: REGISTER FOR SECTION 1 OF C I 378 AND C I 443

3261010 2 TR 2:10-4:00  
MEETS: AUG 20-DEC 14  
Note: REGISTER FOR SECTION 2 OF C I 378 AND C I 443

LITERACY&LRNG ASESMT C I 452 3 CREDITS  
Prereq: C I 378 OR EQUIVALENT  
Note: COURSE RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE TEACHER ED PROGRAM  
6584005 1 T 5:10-8:30PM  
R 5:10-8:30PM  
MEETS: AUG 20-DEC 14  
Note: CONCURRENT ENROLLMENT IN C I 488 REQUIRED MUST ENROLL IN C I 488 WITH THE SAME INSTRUCTOR  
6584010 2 T 5:10-8:30PM  
R 5:10-8:30PM  
MEETS: AUG 20-DEC 14  
Note: CONCURRENT ENROLLMENT IN C I 488 REQUIRED MUST ENROLL IN C I 488 WITH THE SAME INSTRUCTOR NLY

EMERG TOPC DGTL TEC C I 454 1- 3 CREDITS  
Prereq: 201 OR 202  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018  
9436005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION 1 TOPIC: INTEGRATING WHITEBOARDS INTO TEACHING AND LEARNING  
9436010 2 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION 2 TOPIC: GOOGLE TOOLS EXTENDED

LITRCY INTGRAT TECH C I 456 3 CREDITS  
Prereq: 201 OR 202, 377  
Note: Department permission required 1st week.  
3257005 1 W 5:10-8:00PM  
MEETS: AUG 20-DEC 14

EXP II:PRI RDG&LANG C I 468A 1 CREDIT  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Note: TAKE CONCURRENTLY WITH 377, 448, 468C - SAME SECTION NUMBER. RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
Department permission required 1st week.  
Satisfactory-Fail Only.  
3265005 1 MW 7:30-4:30  
MEETS: AUG 20-DEC 14  
Note: MANDATORY ONE-HOUR MEETING WITH ANN PIERCE DURING WEEK 2 OF CLASS

EXP II:RDG&LANG 4-6 C I 468B 1 CREDIT  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Note: TAKE CONCURRENTLY WITH 378, 449 AND 468D - SAME SECTION NUMBER. RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
Department permission required 1st week.  
Satisfactory-Fail Only.  
3266005 1 TR 7:30-4:30  
MEETS: AUG 20-DEC 14  
Note: MANDATORY ONE-HOUR MEETING WITH ANN PIERCE DURING WEEK 2 OF CLASS

EXP II:MATH PRIMARY C I 468C 1 CREDIT  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Note: TAKE CONCURRENTLY WITH 377, 448 AND 468A - SAME SECTION NUMBER. RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
Department permission required 1st week.  
Satisfactory-Fail Only.  
3267005 1 MW 7:30-4:30  
MEETS: AUG 20-DEC 14  
Note: MANDATORY ONE-HOUR MEETING WITH ANN PIERCE DURING WEEK 2 OF CLASS

EXPRNCE II: SCI 4-6 C I 468D 1 CREDIT  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Note: TAKE CONCURRENTLY WITH 378,449,468B - SAME SECTION NUMBER. RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
Department permission required 1st week.  
Satisfactory-Fail Only.  
3268005 1 TR 7:30-4:30  
MEETS: AUG 20-DEC 14  
Note: MANDATORY ONE-HOUR MEETING WITH ANN PIERCE DURING WEEK 2 OF CLASS

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

EXPER II:WLD LANGUA C I 468E 1 CREDIT  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Satisfactory-Fail Only.  
9382005 1 F 7:30-4:00  
MEETS: AUG 20-DEC 14  
Note: NO MEETING OCT 19  
9382010 2 F 7:30-4:00  
MEETS: AUG 20-DEC 14  
9382015 3 F 7:30-4:00  
MEETS: AUG 20-DEC 14

EXP II:LITRCY PRMRY C I 468F 1 CREDIT  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Note: TAKE CONCURRENTLY WITH 377, 368, 438, 468G RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Satisfactory-Fail Only.  
4518005 1 MW 7:30-4:30  
MEETS: AUG 20-DEC 14

EXP II:MATH PRIMARY C I 468G 1 CREDIT  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Note: MUST ALSO REGISTER FOR 377,433,438,439,468I, SP ED 355 & 455. RESTRICTED TO ECE MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
Satisfactory-Fail Only.  
4524005 1 MW 7:30-4:30  
MEETS: AUG 20-DEC 14

EXPER II:SCI PRIMRY C I 468I 1 CREDIT  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Note: MUST ALSO REGISTER FOR SP ED 355 & 455. RESTRICTED TO ECE MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Satisfactory-Fail Only.  
4528005 1 MW 12:30-4:30  
MEETS: AUG 20-DEC 14

EXPERC II:SEC SCI I C I 468J 2 CREDITS  
Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC  
Note: CONCURRENT ENROLLMENT IN C I 347 AND 418 IS REQUIRED. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
Satisfactory-Fail Only.  
8222005 ARRANGED  
MEETS: AUG 20-DEC 14

EXP II:READ ENDORSE C I 468R 1 CREDIT  
Prereq: FULL ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM; PERMISSION OF SCHOOL OF EDUCATION REQUIRED; CONCURRENT ENROLLMENT IN C I 378  
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Department permission required 1st week.  
Satisfactory-Fail Only.  
4300005 TR 7:30-12:30  
MEETS: AUG 20-DEC 14

EXPERC III:HIST/SOC C I 480A 2 CREDITS  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2018. RESTRICTED TO HIST, POL S MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
6581005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THERE IS A SPECIAL COURSE FEE OF \$90 FOR THIS COURSE

EXPERIENC III: MATH C I 480C .5- 2 CREDITS  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
9057005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 1 OFFERED FOR 1-2 CREDITS

EXPERNC III:ENGLISH C I 480E 1- 2 CREDITS  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
5062005 1 ARRANGED  
MEETS: AUG 20-DEC 14

EXPERC III:WLD LANG C I 480G 1- 2 CREDITS  
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
5174005 1 ARRANGED  
MEETS: AUG 20-DEC 14

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

EXPERNCE III: MUSIC C I 480K 1 CREDIT  
 Prereq: FULL ADMISSION TO THE UNIVERSITY  
 TEACHER EDUCATION PROGRAM  
 Satisfactory-Fail Only.  
 9064005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

EXPERIENCE III: ESL C I 480S 2 CREDITS  
 Prereq: C I 280S; ENGL 219 OR LING 219;  
 ENGL 511 OR LING 511; ENGL 220 OR LING 220; FULL  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 Satisfactory-Fail Only.  
 7955005 ARRANGED  
 MEETS: AUG 20-DEC 14

WLD LANGU MTHDS SEC C I 487 3 CREDITS  
 Prereq: 25 CREDITS IN A WORLD LANGUAGE,  
 ADMISSION TO THE TEACHER EDUCATION PROGRAM  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 Instructor permission required.  
 4412005 1 R 6:10-8:50PM  
 MEETS: AUG 20-DEC 14

SUPVS TUTOR READING C I 488 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN OR COMPLETION  
 OF ONE COURSE IN CORRECTIVE READING; DIAGNOSIS AND  
 CORRECTION OF READING PROBLEMS  
 Note: COURSE RESTRICTED TO STUDENTS WITH FULL  
 ADMISSION TO THE TEACHER ED PROGRAM  
 9461005 1 R 5:10-8:30PM  
 T 5:10-8:30PM  
 MEETS: AUG 20-DEC 14  
 Note: CONCURRENT ENROLLMENT IN C I 452 REQUIRED  
 9461010 2 R 5:10-8:30PM  
 T 5:10-8:30PM  
 MEETS: AUG 20-DEC 14  
 Note: CONCURRENT ENROLLMENT IN C I 452 REQUIRED

INDEP STDY MUSIC ED C I 490A VAR. CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STU CURR CONSTR C I 490C 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STU PRIN EDUC C I 490D 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STDY METHD TCHG C I 490E 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STDY EDUC PSYCH C I 490F 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STU DIGITL LRNG C I 490G 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C I 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 MULTICUL ED C I 490J 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST/SOC SC C I 490K 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STU LITERACY ED C I 490L 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STU MATH EDUC C I 490M 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STU WORLD LANGU C I 490N 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOUND EDUC C I 490O 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY SCI EDUC C I 490P 1- 3 CREDITS  
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

TEACH LIT SECONDARY C I 494 3 CREDITS  
 Prereq: ENGL 310, 397, 9 OTHER CREDITS IN ENGLISH  
 BEYOND 250, PSYCH 333, ADMISSION TO TEACHER EDUC PROG  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 6305005 A TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

TEACHING SPEECH C I 495B 3 CREDITS  
 Prereq: SP CM 313; 9 CREDITS IN SP CM;  
 MINIMUM GPA OF 2.50 IN SP CM COURSES  
 7217005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

TEACH SEC SCHL MATH C I 497 3 CREDITS  
 Prereq: 15 CR IN COLLEGE MATH; IF IN A TEACHER  
 LICENSURE PROGRAM, CONCURRENT ENROLLMENT IN C I 426  
 OR C I 526  
 6307005 1 T 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

MTHDS TCHG HIST/SOC C I 498 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN 480A; ADMISSION  
 TO TEACHER EDUC; 30 CREDITS IN SUBJECT-MATTER FIELD  
 Note: RESTRICTED TO HIST, POL S MAJORS WITH FULL  
 OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER  
 EDUCATION PROGRAM.  
 8504005 M 6:10-9:00PM BREMER J  
 MEETS: AUG 20-DEC 14

FOUND LRNG TECNOLGS C I 501 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 2792005 M 5:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 Note: \$25 SPECIAL COURSE FEE WILL BE ASSESSED

DSGN LEARNING ENVIR C I 503 3 CREDITS  
 Prereq: 501  
 2794005 1 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Course delivery is WWW

TCHNOL IN TEACH&LRN C I 505 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 2796005 1 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Course delivery is WWW

ADV SOC JUSTIC EDUC C I 506 3 CREDITS  
 Prereq: 6 GRADUATE CREDITS IN EDUCATION  
 2797005 1 R 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

GEOMETRY K-12 CLSRM C I 509 3 CREDITS  
 Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT  
 IN C I 448 OR C I 497 OR C I 597  
 4446005 1 M 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

MATH PROB SOLV K-12 C I 513 3 CREDITS  
 Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT  
 IN C I 448 OR C I 497 OR C I 597  
 6988005 1 W 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

STUDNT TCH PHYS SCI C I 517B VAR. CREDITS  
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER  
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING  
 SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 2460010 1 ARRANGED  
 MEETS: AUG 20-NOV 9

STUDNT TEACHNG MATH C I 517C VAR. CREDITS  
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER  
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING  
 SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 2466005 1 ARRANGED  
 MEETS: AUG 20-NOV 9  
 2466010 2 ARRANGED  
 MEETS: SEPT 24-DEC 14

STUDNT TCH BIOL SCI C I 517D VAR. CREDITS  
 Prereq: FULL ADMISSION TO UNIVERSITY TEACHER  
 EDUCATION PROGRAM; APPROVAL OF COORDINATOR DURING  
 SEMESTER BEFORE STUDENT TEACHING  
 2475005 1 ARRANGED  
 MEETS: SEPT 24-DEC 14



## CURRICULUM &amp; INSTRUCTION (CONTINUED)

SCIENCE METHODS I C I 518 3 CREDITS  
Prereq: C I 280M OR C I 514; ALSO FOR UNDERGRADS:  
CONCURRENT ENROLLMENT IN C I 347 AND C I 468J  
8369005 M 4:10-7:00PM  
MEETS: AUG 20-DEC 14

BILINGUAL&U.S. MEXI C I 520 3 CREDITS  
Prereq: C I 405 OR C I 406  
8570005 F 1:10-4:00  
MEETS: AUG 20-DEC 14

PRIN SECONDARY EDUC C I 526 3 CREDITS  
Prereq: SENIOR CLASSIFICATION, ADMISSION TO  
TEACHER EDUCATION PROGRAM  
7724005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
7724010 2 W 5:30-8:30PM  
MEETS: AUG 20-DEC 14

EDUC PSYCH LEARNING C I 533 3 CREDITS  
4363005 1 T 4:30-7:00PM  
MEETS: AUG 20-DEC 14

NATURE OF SCIENCE C I 547 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN 518 OR  
PERMISSION OF INSTRUCTOR  
7717005 1 T 5:10-8:00PM  
MEETS: AUG 20-DEC 14

TCH STRUGL ADOL RDR C I 553 3 CREDITS  
Prereq: TEACHING LICENSE  
7267005 1 W 5:10-8:00PM  
MEETS: AUG 20-DEC 14

RDG&RSPND CHILD LIT C I 554 3 CREDITS  
Prereq: SENIOR STATUS OR TEACHING LICENSE  
Note: COURSE RESTRICTED TO STUDENTS WITH FULL  
ADMISSION TO THE TEACHER ED PROGRAM  
1672005 1 M 5:10-8:00PM  
MEETS: AUG 20-DEC 14

TCHNOL IN READ&LANG C I 556 3 CREDITS  
Prereq: TEACHING LICENSE  
1285005 W 5:10-8:00PM  
MEETS: AUG 20-DEC 14

DISCIPLNRY LITCY LDR C I 557X 3 CREDITS  
Prereq: GRADUATE STATUS  
6424005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Course delivery is WWW

NEW MEDIA LITERACIE C I 568 3 CREDITS  
Prereq: GRADUATE STANDING  
9371005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Course delivery is WWW

EDUC BLACKS IN U.S. C I 578 3 CREDITS  
Prereq: GRADUATE OR SENIOR LEVEL STATUS OR PERMSN  
OF INSTRUCTOR  
7784005 1 T 5:10-8:00PM  
MEETS: AUG 20-DEC 14

SUPVS TUTOR READING C I 588 3 CREDITS  
Prereq: GRADUATE STATUS, TEACHING LICENSE AND  
CONCURRENT ENROLLMENT IN OR COMPLETION OF ONE COURSE  
CORRECTIVE READING; DIAGNOSIS AND CORRECTION OF  
READING PROBLEMS  
Note: CONCURRENT ENROLLMENT IN C I 552 REQUIRED  
9245005 1 R 5:10-8:30PM  
T 5:10-8:30PM  
MEETS: AUG 20-DEC 14

SPCL TOP CURRICULUM C I 590A 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP DIGITL LRNG C I 590B 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP SCIENCE EDUC C I 590C 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SEC EDUC C I 590D 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ED SOC JUSTC C I 590F 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS MATH EDUC C I 590G 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

SPCL TOPICS ELEM ED C I 590I 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WORLD LANGU C I 590J 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC PSYCH C I 590K 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL STDI C I 590L 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LITERACY ED C I 590M 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP SECND SCI C I 591D 1- 4 CREDITS  
Prereq: 15 GRADUATE CREDITS IN SPECIALTY AREA;  
FULL ADMISSION TO TEACHER EDUCATION PROGRAM  
5058005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION 1 IS OFFERED FOR 1-2 CREDITS.  
FOR MAT STUDENTS.

EXPERC:SECD MATH ED C I 591G 1- 4 CREDITS  
Prereq: 15 GRADUATE CREDITS IN SPECIALTY AREA;  
FULL ADMISSION TO TEACHER EDUCATION PROGRAM  
2017005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION OFFERED FOR 4 CREDITS

SCIENCE EDUC WKSHOP C I 593C 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018.  
FOR BETAL GROUP PARTICIPANTS ONLY.  
2812005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Tuition Category: Workshop  
2812010 2 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION 2 OFFERED FOR 1 CREDIT

READING & LITERACY C I 595 3 CREDITS  
Prereq: GRADUATE STATUS AND TEACHING LICENSE  
2932005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

TEACH SEC SCHL MATH C I 597 3 CREDITS  
Prereq: 15 CREDITS IN COLLEGE MATH; IF IN A  
TEACHER LICENSURE PROGRAM, CONCURRENT ENROLLMENT  
IN C I 426 OR C I 526  
8440005 1 T 5:10-8:00PM  
MEETS: AUG 20-DEC 14

CRTV COMP CURRICULUM C I 599A 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR COMP DIGITL LRNG C I 599B 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED C I 599C 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SECNDR ED C I 599D 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR COMP MULTICUL ED C I 599F 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC C I 599G 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPON ELEM ED C I 599I 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR CMP WRLD LANG ED C I 599J 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP EDU PSYCH C I 599K 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP LITERC ED C I 599M 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

FOUND EDUC INQUIRY C I 601 3 CREDITS  
Prereq: ADMISSION TO A DOCTORAL PROGRAM  
Note: CREDIT FOR EITHER EL PS 601X OR C I 601, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
9509005 R 5:30-8:30PM  
MEETS: AUG 20-DEC 14

DIGTL LEARN TCHR ED C I 610 2 CREDITS  
Prereq: 505  
2065005 1 M 9:00-10:50  
MEETS: AUG 20-DEC 14

ADV SPCL TOP CURRIC C I 690A VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP DGTL LRN C I 690B VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED C I 690C VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED C I 690D VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP SOC JUS C I 690F VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MATH ED C I 690G VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TP WRL LANG C I 690J VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD.  
PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC C I 690K VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD.  
PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP SOC STU C I 690L VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LITERACY ED C I 690M VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CURRICULUM C I 699A VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH DIGITAL LEARN C I 699B VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC C I 699C VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC C I 699D VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES MULTICULTURL ED C I 699F VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MATH EDUC C I 699G VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC C I 699I VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH WRLD LANGU ED C I 699J VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH EDUC PSYCHOL C I 699K VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOC STUDI ED C I 699L VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

RESRCH LITERACY ED C I 699M VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**DANCE**

MODERN DANCE I DANCE 120 1 CREDIT  
Satisfactory-Fail Only.  
2838005 1 MW 11:00-12:15  
MEETS: AUG 20-DEC 14

BALLET I DANCE 130 1 CREDIT  
Satisfactory-Fail Only.  
2839005 1 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

JAZZ I DANCE 140 1 CREDIT  
Satisfactory-Fail Only.  
2840005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

TAP DANCE I DANCE 150 1 CREDIT  
Satisfactory-Fail Only.  
2841005 1 MW 3:10-4:15  
MEETS: AUG 20-DEC 14

BALLROOM DANCE I DANCE 160 1 CREDIT  
Satisfactory-Fail Only.  
2842005 1 TR 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SECTN 1 FOR MEN ONLY. MEETS WITH SECTION 2.  
2842010 2 TR 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SECTN 2 FOR WOMEN ONLY. MEETS WITH SECTN 1.  
2842015 3 TR 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SECTN 3 FOR MEN ONLY. MEETS WITH SECTION 4.  
2842020 4 TR 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SECTN 4 FOR WOMEN ONLY. MEETS WITH SECTN 3.

MODERN DANCE COMPOS DANCE 220 2 CREDITS  
Prereq: 120 OR PREVIOUS MODERN DANCE EXPERIENCE  
2846005 1 TR 2:10-4:00  
MEETS: AUG 20-DEC 14

MODERN DANCE II DANCE 222 1 CREDIT  
Prereq: 120 OR PREVIOUS MODERN DANCE EXPERIENCE  
2847005 1 MW 2:10-3:25  
MEETS: AUG 20-DEC 14

CONCERT&THTRE DANCE DANCE 224 .5- 2 CREDITS  
Prereq: BY AUDITION ONLY  
Note: Instructor permission required 1st week.  
Satisfactory-Fail Only.  
2849005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
2849010 2 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION 2 OFFERED FOR 2 CREDITS

BALLET III DANCE 233 1 CREDIT  
Prereq: 232  
2851005 1 MW 12:10-1:20  
MEETS: AUG 20-DEC 14

JAZZ II DANCE 242 1 CREDIT  
Prereq: PREVIOUS JAZZ DANCE EXPERIENCE  
2852005 TR 4:10-5:00  
MEETS: AUG 20-DEC 14

YOGA MOVEMENT DANCE 250X 1 CREDIT  
9549005 TR 4:10-5:00  
MEETS: AUG 20-DEC 14

DANCE APPRECIATION DANCE 270 3 CREDITS  
Note: Meets international perspectives reqmt  
2855005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

ADV STUDIES DANCE DANCE 370 1- 3 CREDITS  
Prereq: 2 CR IN DANCE, ADVANCE REGISTRATION REQ'D  
Note: Instructor permission required 1st week.  
2858005 ARRANGED  
MEETS: AUG 20-DEC 14

MTHD OF TCHNG DANCE DANCE 385 2 CREDITS  
2860005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

INDEPEN STUDY DANCE DANCE 490A 1- 3 CREDITS  
Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## DANCE (CONTINUED)

HONORS INDEP STUDY DANCE 490H 1- 3 CREDITS  
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR,  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## DATA SCIENCE

INTRO DATA SCIENCE DS 201 3 CREDITS  
 Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA  
 9812005 MW 2:10-3:00  
 F 1:10-3:00  
 MEETS: AUG 20-DEC 14

## DESIGN

DESIGN STUDIO I DES 240 2 CREDITS  
 Prereq: DSN S 102, DSN S 131 AND DSN S 183  
 Note: COURSE RESTRICTED TO MAJORS OTHER THAN  
 P ARC, P ID, P IND, P LA, P GR, DSGN  
 4959005 1 MW 5:10-8:30PM  
 MEETS: AUG 20-OCT 12  
 Note: SECTION 1 TOPIC: STUDIES IN THREE-DIMENSIONAL  
 CONSTRUCTION  
 4959010 2 TR 9:00-12:20  
 MEETS: OCT 15-DEC 14  
 Note: SECTION 2 TOPIC: DRAWING ITERATIONS  
 4959015 3 TR 9:00-12:20  
 MEETS: AUG 20-OCT 12  
 Note: SECTION 3 TOPIC: PHOTOGRAPHING PLACE

DESIGN FORUM DES 250 2 CREDITS  
 Prereq: DSN S 102, DSN S 131, DSN S 183,  
 CREDIT OR CONCURRENT ENROLLMENT IN DES 230  
 4960005 F 10:00-11:50  
 MEETS: AUG 20-DEC 14

DESIGN FIELD STUDY DES 259 R CREDIT  
 Prereq: ENROLLMENT IN OR 2 CREDITS OF DES 240  
 Satisfactory-Fail Only.  
 4666005 ARRANGED  
 MEETS: AUG 20-DEC 14

DESIGN STUDIO II DES 340 2 CREDITS  
 Prereq: 4 CREDITS OF DES 240 OR EQUIVALENT  
 Note: COURSE RESTRICTED TO MAJORS OTHER THAN  
 P ARC, P ID, P IND, P LA, P GR, DSGN  
 FIELD TRIPS & TRAVEL FEE: \$25.00 - \$150.00  
 6434005 1 TR 2:10-5:30  
 MEETS: OCT 15-DEC 14  
 Note: SEC 1 TOPIC: MOBILE UX DESIGN  
 6434010 2 MW 5:10-8:30PM  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2 TOPIC - CONSTRUCTING PURPOSE: ENGAGING  
 ETHICS & VALUES IN THE STUDIO

PORTFOLIO & PRO PREP DES 491 4 CREDITS  
 Prereq: CLASSIFICATION AS A DES MAJOR;  
 4 CREDITS OF DES 240  
 Note: COURSE RESTRICTED TO DES, I DES MAJORS ONLY  
 7545005 MW 10:00-11:50  
 MEETS: AUG 20-DEC 14

## 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 9:00-11:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050010 2 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050015 3 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050020 4 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050025 5 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050030 6 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050035 7 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050036 8 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.

## DESIGN STUDIES (CONTINUED)

DESIGN STUDIO I DSN S 102 4 CREDITS  
 8050045 9 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050050 10 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050055 11 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050060 12 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050065 13 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050070 14 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050075 15 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050080 16 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050085 17 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050090 18 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050095 19 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050100 20 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050105 21 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050110 22 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050115 23 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050120 24 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050125 25 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050130 26 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050135 27 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050149 28 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050145 29 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050150 30 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050155 31 MW 6:00-9:00PM  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050160 32 MW 6:00-9:00PM  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050165 33 MW 6:00-9:00PM  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 8050170 34 MW 6:00-9:00PM  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.

## DESIGN STUDIES

(CONTINUED)

DESIGN STUDIO I DSN S 102 4 CREDITS  
8050175 35 TR 3:10-6:00PM  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 35 TAKES PLACE IN SIOUX CITY.  
Instructor permission required 1st week.  
8050180 36 TR 3:10-6:00PM  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 36 TAKES PLACE IN SIOUX CITY.  
Instructor permission required 1st week.

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 20-DEC 14

DESIGN COLLABOR SEM DSN S 115 .5 CREDIT  
Prereq: MEMBER OF DESIGN COLLABORATIVE LEARNING  
COMMUNITY  
Satisfactory-Fail Only.  
7947005 1 F 8:00-8:50  
MEETS: AUG 20-OCT 26  
7947010 2 W 8:00-8:50  
MEETS: AUG 20-OCT 26

DESIGN REPRESENTATN DSN S 131 4 CREDITS  
Note: ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE  
OF DESIGN MAJORS. EVEN NUMBERED SECTION RESTRICTED  
TO MAJORS FROM COLLEGES OTHER THAN DESIGN.  
Instructor permission required 1st week.  
2124005 1 MW 9:00-11:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124010 2 MW 9:00-11:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124015 3 MW 9:00-11:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124020 4 MW 9:00-11:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124025 5 MW 9:00-11:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124030 6 MW 9:00-11:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124035 7 MW 9:00-11:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124040 8 MW 9:00-11:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124045 9 MW 12:10-3:00  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124050 10 MW 12:10-3:00  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124055 11 MW 12:10-3:00  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124060 12 MW 12:10-3:00  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124065 13 MW 12:10-3:00  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124070 14 MW 12:10-3:00  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124075 15 MW 3:10-6:00PM  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124080 16 MW 3:10-6:00PM  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124085 17 MW 3:10-6:00PM  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124090 18 MW 3:10-6:00PM  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124095 19 MW 3:10-6:00PM  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124100 20 MW 3:10-6:00PM  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124105 21 TR 8:00-10:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124110 22 TR 8:00-10:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124115 23 TR 8:00-10:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124120 24 TR 8:00-10:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14

## DESIGN STUDIES

(CONTINUED)

DESIGN REPRESENTATN DSN S 131 4 CREDITS  
2124125 25 TR 8:00-10:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124130 26 TR 8:00-10:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124145 29 TR 11:00-1:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124150 30 TR 11:00-1:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124155 31 TR 11:00-1:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124160 32 TR 11:00-1:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124165 33 TR 11:00-1:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124170 34 TR 11:00-1:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124175 35 TR 8:00-10:50  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14  
2124180 36 TR 8:00-10:50PM  
TR 3:40-4:30  
MEETS: AUG 20-DEC 14

DESIGN CULTURES DSN S 183 3 CREDITS  
5945005 1 TR 2:10-3:00  
F 10:00-10:50  
MEETS: AUG 20-DEC 14  
5945010 2 TR 2:10-3:00  
F 10:00-10:50  
MEETS: AUG 20-DEC 14  
5945015 3 TR 2:10-3:00  
F 10:00-10:50  
MEETS: AUG 20-DEC 14  
5945020 4 TR 2:10-3:00  
F 11:00-11:50  
MEETS: AUG 20-DEC 14  
5945025 5 TR 2:10-3:00  
F 11:00-11:50  
MEETS: AUG 20-DEC 14  
5945030 6 TR 2:10-3:00  
F 12:10-1:00  
MEETS: AUG 20-DEC 14  
5945035 7 TR 2:10-3:00  
F 12:10-1:00  
MEETS: AUG 20-DEC 14  
5945040 8 TR 2:10-3:00  
F 1:10-2:00  
MEETS: AUG 20-DEC 14  
5945045 9 TR 2:10-3:00  
F 1:10-2:00  
MEETS: AUG 20-DEC 14  
5945050 10 TR 2:10-3:00  
F 2:10-3:00  
MEETS: AUG 20-DEC 14  
5945055 11 TR 2:10-3:00  
F 2:10-3:00  
MEETS: AUG 20-DEC 14  
5945060 12 TR 2:10-3:00  
F 3:10-4:00  
MEETS: AUG 20-DEC 14  
5945065 13 TR 2:10-3:00  
F 3:10-4:00  
MEETS: AUG 20-DEC 14  
5945070 14 TR 2:10-3:00  
F 1:10-2:00  
MEETS: AUG 20-DEC 14  
5945075 15 TR 2:10-3:00  
F 12:10-1:00  
MEETS: AUG 20-DEC 14  
5945080 16 TR 2:10-3:00  
F 11:00-11:50  
MEETS: AUG 20-DEC 14  
5945085 17 TR 2:10-3:00  
F 11:00-11:50  
MEETS: AUG 20-DEC 14  
5945090 18 TR 2:10-3:00  
F 10:00-10:50  
MEETS: AUG 20-DEC 14

DIGTL DSIGN CMUNICA DSN S 232 3 CREDITS  
2087005 TR 5:40-7:00PM  
MEETS: AUG 20-DEC 14

STDY ABRD PREP SEMN DSN S 301 1 CREDIT  
Note: COURSE RESTRICTED TO ARC, ARCH, L A MAJORS ONLY  
Satisfactory-Fail Only.  
7396005 1 M 6:00-6:50PM  
MEETS: AUG 20-DEC 14

## DESIGN STUDIES

(CONTINUED)

DESIGN LEADRSHP SEM DSN S 302 2 CREDITS  
 Prereq: SELECTION AS A PEER MENTOR FOR THE CORE  
 DESIGN PROGRAM  
 Satisfactory-Fail Only.  
 8568005 1 T 6:10-7:00PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.  
 8568010 2 M 6:10-7:00PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14

DESIGN AMBASSADORS DSN S 303 1- 2 CREDITS  
 Prereq: ADMITTANCE INTO ONE OF THE PROFESSIONAL  
 PROGRAMS IN THE COLLEGE OF DESIGN  
 Satisfactory-Fail Only.  
 1677005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

PRACTICAL EXPERIENC DSN S 310 R CREDIT  
 Prereq: PERMISSION OF ADVISER OR COORDINATOR  
 OF DESIGN STUDIES  
 Satisfactory-Fail Only.  
 5669005 ARRANGED  
 MEETS: AUG 20-DEC 14

INTERDIS DSN STUDIO DSN S 446 4- 6 CREDITS  
 Prereq: JR CLASSIFICATION IN A CURRICULUM IN  
 THE COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO P ARC, P IND, P ID, P GR,  
 P ISA, P LA, AND DSGN MAJORS ONLY. OFFERED FOR  
 6 CREDITS.  
 2871005 ARRANGED  
 MEETS: AUG 20-DEC 14

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

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

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  
 4197600 XG ARRANGED  
 MEETS: AUG 21-OCT 26  
 Note: THIS COURSE IS RESTRICTED TO GPIEDA STUDENTS  
 ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
 JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
 THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
 Instructor permission required.  
 Section XG is off campus  
 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  
 4004600 XG ARRANGED  
 MEETS: AUG 29-DEC 14  
 Note: THIS COURSE IS RESTRICTED TO GPIEDA STUDENTS  
 ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
 JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
 THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
 Tuition Category: GPIEDA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium

TECHNOLG &YNG CHILD E C P 324 3 CREDITS  
 3992600 XG ARRANGED  
 MEETS: AUG 20-DEC 6  
 Note: THIS COURSE IS RESTRICTED TO GPIEDA STUDENTS  
 ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
 JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
 THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
 Tuition Category: GPIEDA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium

## ECOLOGY &amp; EVOLUTIONARY BIOLOGY

FOUND ECO&EVOL BIOL EEB 511 4 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 5778005 TR 1:10-2:30  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14

FIELD TRIP PRE-TRIP EEB 585A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION; PERMISSMION OF  
 INSTRUCTOR  
 2862005 ARRANGED  
 MEETS: AUG 20-DEC 14

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 M 4:10-5:00  
 MEETS: AUG 20-DEC 14

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

## ECOLOGY, EVOLUTION &amp; ORGANISMAL BIOL

RESTORATION ECOLOGY EEOB 535 3 CREDITS  
 Prereq: BIOL 366 OR BIOL 474 OR GRADUATE STANDING  
 5295005 MW 1:10-2:00  
 W 2:10-5:00  
 MEETS: AUG 20-DEC 14

INTRO DNA TECHNIQS EEOB 542A 1 CREDIT  
 Satisfactory-Fail Only.  
 7105005 1 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: AUG 21-SEPT 20

INTRO CELL TECHNIQS EEOB 542C 1 CREDIT  
 Satisfactory-Fail Only.  
 7119005 1 TR 1:10-2:00 BAKER M  
 TR 2:10-4:00 BAKER M  
 MEETS: OCT 30-DEC 6

INTR PROTEOMCS TCNQ EEOB 542E 1 CREDIT  
 Satisfactory-Fail Only.  
 7219005 1 TR 1:10-2:00 BAKER M  
 TR 2:10-4:00 BAKER M  
 MEETS: SEPT 25-OCT 25

INTR METABLMCS TCNQ EEOB 542F 1 CREDIT  
 Satisfactory-Fail Only.  
 9013005 M 1:10-2:00 PERERA M  
 M 2:10-4:00 PERERA M  
 MEETS: AUG 20-NOV 2

COMP SKIL BIOL DATA EEOB 546X 3 CREDITS  
 Prereq: GRADUATE STUDENT STATUS OR PERMISSION  
 OF INSTRUCTOR  
 9585005 WF 1:10-2:30  
 MEETS: AUG 20-DEC 14

PLANT EVOL&PHYLOGNY EEOB 551 4 CREDITS  
 Prereq: BIOL 315 OR EQUIVALENT  
 4912005 MWF 10:00-10:50  
 T 9:00-11:50  
 MEETS: AUG 20-DEC 14

MOLECULAR EVOLUTION EEOB 566 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6981005 TR 10:30-11:50  
 MEETS: AUG 20-DEC 14

INP THEORT ECO&EVO EEOB 577 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 4236005 MW 10:00-10:50  
 MEETS: AUG 20-DEC 14

FOUND THEOR ECO&EVO EEOB 578 3 CREDITS  
 Prereq: 1 SEMESTER OF CALCULUS OR INSTRUCTOR  
 PERMISSION  
 3188005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

INTRO ENVIRN SYSTMS EEOB 581 3 CREDITS  
 Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING  
 BIOLOGY AND CHEMISTRY  
 2649005 TR 3:10-5:00  
 MEETS: AUG 20-DEC 14

## ECOLOGY, EVOLUTION &amp; ORGANISMAL BIOL (CONTINUED)

AQUATIC ECOLOGY EEOB 586 3 CREDITS  
Prereq: ENSCI 301 OR ENSCI 312 OR ENSCI 381 OR  
ENSCI 402  
5636005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

AQUATIC ECOLOGY LAB EEOB 586L 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN EEOB 586  
5643005 1 T 12:10-3:00  
MEETS: AUG 20-DEC 14  
5643010 2 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14

MICROBIAL ECOLOGY EEOB 587 3 CREDITS  
Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
2110005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

POPULATION ECOLOGY EEOB 589 3 CREDITS  
Prereq: BIOL 312, STAT 101 OR STAT 104, A COURSE  
IN CALCULUS, OR GRADUATE STANDING  
2134005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

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 ORGNM 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 ARRANGED  
MEETS: AUG 20-DEC 14

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 9:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3100010 2 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3100015 3 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3100020 4 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3100025 5 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3100030 6 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3100040 7 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3100045 8 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC 8 RESTRICTED TO AG B, P S A, AG SO MAJORS.  
STUDENTS ENROLLING IN SEC 9 MUST ENROLL IN ECON 101L.  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3100050 9 TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3100600 XW ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW  
3100055 10 TR 11:00-12:20  
T 12:40-1:30  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3100060 11 TR 11:00-12:20  
R 12:40-1:30  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3100065 12 TR 11:00-12:20  
W 11:00-11:50  
MEETS: AUG 20-DEC 14

## ECONOMICS (CONTINUED)

PRIN MICROECONOMICS ECON 101 3 CREDITS  
3100070 13 TR 11:00-12:20  
W 3:10-4:00  
MEETS: AUG 20-DEC 14  
3100075 14 TR 11:00-12:20  
T 2:10-3:00  
MEETS: AUG 20-DEC 14  
3100080 15 TR 11:00-12:20  
R 3:10-4:00  
MEETS: AUG 20-DEC 14  
3100085 16 TR 11:00-12:20  
T 3:40-4:30  
MEETS: AUG 20-DEC 14  
3100090 17 TR 11:00-12:20  
R 3:40-4:30  
MEETS: AUG 20-DEC 14

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 2:10-4:00  
MEETS: AUG 20-DEC 14  
5265010 2 W 3:10-5:00  
MEETS: AUG 20-DEC 14  
5265015 3 W 1:10-3:00  
MEETS: AUG 20-DEC 14

PRIN MACROECONOMICS ECON 102 3 CREDITS  
Prereq: ECON 101 RECOMMENDED  
3099005 1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3099010 2 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3099015 3 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3099020 4 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
3099025 5 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
3099600 XW ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

ORIENTATION AG BUSI ECON 110 1 CREDIT  
3172005 A T 2:10-3:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SECTION A RESTRICTED TO AG B MAJORS ONLY  
3172010 B T 2:10-3:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SECTION B RESTRICTED TO AG B MAJORS ONLY  
3172015 C T 2:10-3:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SECTION C RESTRICTED TO AG B MAJORS ONLY  
3172020 D T 2:10-3:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SECTION D RESTRICTED TO AG B MAJORS ONLY  
3172025 E T 2:10-3:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SECTION E RESTRICTED TO AG B MAJORS ONLY  
3172030 F T 2:10-3:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SECTION F RESTRICTED TO AG B MAJORS ONLY  
3172035 G TR 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SECTION G RESTRICTED TO ECON MAJORS ONLY  
3172040 J TR 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SECTION J FOR INCOMING TRANSFER STUDENTS

APPL ECON OPTIMIZTN ECON 207 3 CREDITS  
Prereq: MATH 151, MATH 160, MATH 165 OR  
EQUIVALENT  
2753005 1 MW 10:00-10:50  
W 2:10-3:25  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
2753010 2 MW 10:00-10:50  
R 2:10-3:25  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
2753015 3 MW 10:00-10:50  
R 3:40-5:00  
MEETS: AUG 20-DEC 14

## ECONOMICS (CONTINUED)

FARM BUSINESS MGT ECON 230 3 CREDITS  
Prereq: ECON 101; ACCT 284  
3177005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3177010 2 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

SMALL BUSINESS MGMT ECON 234 3 CREDITS  
Prereq: ECON 101  
4708005 1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

INTRO AGRI MARKETS ECON 235 3 CREDITS  
Prereq: ECON 101  
3174005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3174010 2 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

CAREER SEM:AG BSNS ECON 292A 1 CREDIT  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:  
ECON 292, ECON 292A, ECON 292B  
3743005 1 W 12:10-1:00  
MEETS: AUG 20-DEC 14

INTERNSHIP ECON 297 2 CREDITS  
Prereq: INSTRUCTOR PERMISSION, MAJOR IN AG BUSINESS OR ECONOMICS  
Note: NO MORE THAN 4 CREDITS OF ECON 297 MAY BE APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
2040005 1 M 3:10-5:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

COOPERATIVE EDUC ECON 298 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION  
Note: Instructor permission required.  
4834005 ARRANGED  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

INTERMED MICROECON ECON 301 3- 4 CREDITS  
Prereq: ECON 101; ECON 207 OR MATH 166  
Note: COURSE ONLY OFFERED FOR 4 CREDITS FALL 2018  
3101005 1 TR 11:00-12:15  
T 2:10-4:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3101010 2 TR 11:00-12:15  
W 2:10-4:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3101015 3 MWF 10:00-10:50  
W 2:10-4:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

3101020 4 MWF 10:00-10:50  
R 2:10-4:00  
MEETS: AUG 20-DEC 14

3101025 5 TR 11:00-12:15  
W 9:00-10:50  
MEETS: AUG 20-DEC 14

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 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

LABOR ECONOMICS ECON 320 3 CREDITS  
Prereq: ECON 101  
Note: Meets international perspectives reqmt  
3110005 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

ECON OF DISCRIMINAT ECON 321 3 CREDITS  
Prereq: ECON 101  
Note: Meets U.S. diversity reqmt  
3116005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

3116010 2 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

## ECONOMICS (CONTINUED)

ADV FARM BSNS MGMT ECON 330 3 CREDITS  
Prereq: ECON 230  
3182005 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

COOPERATIVES ECON 332 3 CREDITS  
Prereq: ECON 101  
3181005 1 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

ENTREPRENEURSHIP AG ECON 334 3 CREDITS  
Prereq: ECON 101  
6836005 1 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

6836010 2 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

AGRICULTURL SELLING ECON 336 3 CREDITS  
Prereq: ECON 101  
9530005 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Note: SECTION 1 RESTRICTED TO AG B, P S A, AG SO MAJORS

9530010 2 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

MONEY, BANK, FIN INST ECON 353 3 CREDITS  
Prereq: ECON 101, ECON 102  
3103005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

INT'L TRADE&FINANCE ECON 355 3 CREDITS  
Prereq: ECON 101, ECON 102  
Note: Meets international perspectives reqmt  
8925005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

APPLIED ETHICS AG ECON 362 3 CREDITS  
Prereq: ECON 101 OR SOC 134, JUNIOR OR SENIOR STATUS IN THE COLLEGE OF AGRICULTURE  
7556005 1 W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
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 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

RURAL, URB&REGN ECON ECON 376 3 CREDITS  
Prereq: ECON 101  
3119005 1 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUC ECON 398 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
Note: Permission of adviser required.  
4835005 ARRANGED  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

MANAGERIAL ECONMCS ECON 431 3 CREDITS  
Prereq: ECON 301  
3173005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

INTERNATIONAL TRADE ECON 455 3 CREDITS  
Prereq: ECON 301  
Note: Meets international perspectives reqmt  
9531005 1 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

AG, FOOD, TRADE POLCY ECON 460 3 CREDITS  
Prereq: ECON 301 OR ECON 501  
3185005 1 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

AGRICULTURL FINANCE ECON 466 3 CREDITS  
Prereq: ECON 301, STAT 226, FIN 301 AND ECON 353 (RECOMMENDED)  
3183005 1 TR 11:00-12:20  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

## ECONOMICS

(CONTINUED)

INDEPENDENT STUDY ECON 490 1- 5 CREDITS  
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON  
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: JR/SR CLASSIFICATION, 14 CREDITS IN ECON  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 490H 1- 5 CREDITS  
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.  
AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.  
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

GRADUATNG SR SURVEY ECON 492 R CREDIT  
Prereq: GRADUATING SENIOR  
Satisfactory-Fail Only.  
6208005 1 R 4:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SECTION 1 RESTRICTED TO ECON MAJORS ONLY  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>  
6208010 2 R 4:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SECTION 2 RESTRICTED TO AG B MAJORS ONLY  
6208015 3 R 4:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SECTION 3 RESTRICTED TO BUSEC MAJORS ONLY

ECON DOMESTIC TRAVEL ECON 495 1- 3 CREDITS  
Prereq: SOPHOMORE STATUS, INSTRUCTOR PERMISSION  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
9444005 MW MW 3:10-4:30, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

COOPERATIVE EDUC ECON 498 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
Note: Permission of adviser required.  
4836005 ARRANGED  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

QUANT MTH EC ANLY I ECON 500 4 CREDITS  
Prereq: ECON 301, 1 YEAR OF CALCULUS, STAT 401, AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION  
3127005 1 MW 1:10-3:00  
F 1:10-2:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/graduate-programs/courses>

MICROECONOMICS ECON 501 4 CREDITS  
Prereq: ECON 301, CREDIT OR ENROLLMENT IN ECON 500 OR EQUIVALENT BACKGROUND IN CALCULUS AND STATISTICS  
7913005 1 TR 1:10-3:00  
F 2:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/graduate-programs/courses>

MACROECONOMICS ECON 502 4 CREDITS  
Prereq: ECON 302, CREDIT OR ENROLLMENT IN ECON 500 OR EQUIVALENT BACKGROUND IN CALCULUS AND STATISTICS  
7912005 1 TR 11:00-1:00  
F 12:10-1:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/graduate-programs/courses>

LABOR SUP&HUMAN CAP ECON 520 3 CREDITS  
Prereq: ECON 501 OR ECON 601  
3191005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

MNGRL EC GLOBAL ORG ECON 532 3 CREDITS  
Prereq: ECON 101 AND ENROLLMENT IN MBA OR BAS PROGRAM; NOT FOR ECONOMICS MAJORS  
3128005 TR 7:30-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/undergraduate-programs/courses>

## ECONOMICS

(CONTINUED)

AG,FOOD,TRAD POLICY ECON 560 3 CREDITS  
Prereq: ECON 301 OR ECON 501  
3197005 1 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

ADV ENVIROMNTL ECON ECON 581 3 CREDITS  
Prereq: ECON 501 OR ECON 601  
3205005 1 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

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, PREVIOUS OR CONCURRENT ENROLLMENT IN 600 AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION  
Note: PERMISSION OF DIRECTOR OF ECON GRAD STUDIES REQUIRED.  
3124005 1 MW 11:00-1:00  
F 3:10-5:00  
MEETS: AUG 20-DEC 14

MACROECON ANALYSIS ECON 602 4 CREDITS  
Prereq: ECON 301, ECON 302, PREVIOUS OR CONCURRENT ENROLLMENT IN 600 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 9:00-10:50  
F 11:00-12:50  
MEETS: AUG 20-DEC 14

GAME THEORY ECON 618 3 CREDITS  
Prereq: ECON 603, OR ECON 501 AND PERMISSION OF INSTRUCTOR  
9532005 1 TR 3:40-4:45  
MEETS: AUG 20-DEC 14

AGRICULTURAL ECON I ECON 641 3 CREDITS  
Prereq: ECON 603  
3203005 1 TR 12:40-1:55  
MEETS: AUG 20-DEC 14

INTERNATIONAL TRADE ECON 655 3 CREDITS  
Prereq: ECON 603  
3140005 1 TR 2:10-3:25  
MEETS: AUG 20-DEC 14

ECONOMETRICS I ECON 671 4 CREDITS  
Prereq: ECON 501 AND STAT 447 OR STAT 542  
3145005 1 TR 9:00-10:50  
F 9:00-10:50  
MEETS: AUG 20-DEC 14

ADVANCED TOPICS ECON 690 1- 5 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THIRD-YEAR PAPER ECON 691 3 CREDITS  
Satisfactory-Fail Only.  
5334005 1 ARRANGED  
MEETS: AUG 20-DEC 14

WORKSHOP ECON 693 3 CREDITS  
Satisfactory-Fail Only.  
8649005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Section info: <http://www.econ.iastate.edu/graduate-programs/courses>

RESEARCH ECON 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**EDUCATIONAL ADMINISTRATION**

SPECIAL TOPICS EDADM 590 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATV COMPON DEVEL EDADM 599 1- 3 CREDITS  
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ETHC, SPIRIT PRACTCE EDADM 651 3 CREDITS  
9718005 1 M 5:30-8:30PM  
MEETS: AUG 20-DEC 14



EDUCATIONAL ADMINISTRATION (CONTINUED)

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

CAPSTONE EXPERIENCE EL PS 616 3 CREDITS  
 Prereq: 4 CREDITS OF EL PS 615  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EDUC FOR SOC JUSTICE EL PS 620 3 CREDITS  
 8898005 1 T 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

**ELECTRICAL ENGINEERING**

PRO PROG ORIENTATN E E 166 R CREDIT  
 Note: COURSE RESTRICTED TO E E, CPR E MAJORS ONLY  
 2887005 A T 1:10-2:00  
 MEETS: OCT 15-DEC 14  
 2887010 B R 1:10-2:00  
 MEETS: OCT 15-DEC 14

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: CPR E 185, E E 185, S E 185, M E 160, ENGR 160, AER E 160, C E 160, A B E 160, I E 148.

3880005 A MW 10:00-10:50  
 M 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 3880010 B MW 10:00-10:50  
 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 3880015 C MW 10:00-10:50  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 3880020 D MW 10:00-10:50  
 R 12:10-2:00  
 MEETS: AUG 20-DEC 14

ELECTRIC CIRCUITS E E 201 4 CREDITS  
 Prereq: CR OR ENROLLMENT IN MATH 267 AND PHYS 222  
 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 A MW 10:00-10:50  
 T 11:00-2:00  
 MEETS: AUG 20-DEC 14  
 2120010 B MW 10:00-10:50  
 T 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 2120015 C MW 10:00-10:50  
 W 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 2120020 D MW 10:00-10:50  
 W 5:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 2120025 E MW 2:10-3:00  
 R 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 2120030 F MW 2:10-3:00  
 R 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 2120035 G MW 2:10-3:00  
 R 5:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 2120040 J MW 2:10-3:00  
 F 11:00-1:50  
 MEETS: AUG 20-DEC 14

SIGNALS & SYSTEMS I E E 224 4 CREDITS  
 Prereq: E E 201, MATH 267, PHYS 222

5064005 A TR 4:10-5:30  
 W 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 5064010 B TR 4:10-5:30  
 T 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 5064015 C TR 4:10-5:30  
 R 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 5064020 D TR 4:10-5:30  
 T 1:10-4:00  
 MEETS: AUG 20-DEC 14

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRON CIRCTS&SYS E E 230 4 CREDITS  
 Prereq: E E 201, MATH 267, PHYS 222  
 4639005 A MWF 8:00-8:50  
 M 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 4639010 B MWF 8:00-8:50  
 T 5:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 4639015 C MWF 8:00-8:50  
 R 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 4639020 D MWF 8:00-8:50  
 W 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 4639025 E MWF 8:00-8:50  
 T 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 4639030 F MWF 8:00-8:50  
 T 11:00-1:50  
 MEETS: AUG 20-DEC 14

TRANSFER ORIENTATIO E E 261 R CREDIT  
 Satisfactory-Fail Only.  
 9197005 A W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 9197010 B T 11:00-11:50  
 MEETS: AUG 20-DEC 14

PROB SOLV MTHD&TOOL E E 285 4 CREDITS  
 2505005 A MWF 12:10-1:00  
 T 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 2505010 B MWF 12:10-1:00  
 W 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 2505015 C MWF 12:10-1:00  
 R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 2505020 D MWF 12:10-1:00  
 F 9:00-10:50  
 MEETS: AUG 20-DEC 14

PROGRAM DISCOVERY E E 294 R CREDIT  
 Prereq: E E 166 OR CPR E 166  
 Satisfactory-Fail Only.

5380010 B1 M 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION B1 RESTRICTED TO CPR E MAJORS ONLY  
 5380015 B2 M 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION B2 RESTRICTED TO E E MAJORS ONLY  
 5380020 B3 M 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5380025 C1 F 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION C1 RESTRICTED TO CPR E MAJORS ONLY  
 5380030 C2 F 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION C2 RESTRICTED TO E E MAJORS ONLY  
 5380035 C3 F 3:10-4:00  
 MEETS: AUG 20-DEC 14

ENRGY SYS&PWR ELTRN E E 303 3 CREDITS  
 Prereq: MATH 267, PHYS 222; CREDIT OR ENROLLMENT IN E E 230  
 3415005 A TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

ELECTROMG FLD&WAVES E E 311 4 CREDITS  
 Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR ENROLLMENT IN MATH 267  
 2889005 A MWRF 10:00-10:50  
 MEETS: AUG 20-DEC 14

COMMUNIC SYSTEMS I E E 321 3 CREDITS  
 Prereq: E E 224  
 2901005 A MW 5:10-6:30PM  
 MEETS: AUG 20-DEC 14

PROBAB MTH,ELEC ENG E E 322 3 CREDITS  
 Prereq: E E 224  
 3424005 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

SIGNALS & SYSTEMS II E E 324 4 CREDITS  
 Prereq: E E 224  
 2192005 A MWF 2:10-3:00  
 T 4:10-7:00PM  
 MEETS: AUG 20-DEC 14  
 2192010 B MWF 2:10-3:00  
 W 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 2192015 C MWF 2:10-3:00  
 R 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 2192020 D MWF 2:10-3:00  
 M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14

## ELECTRICAL ENGINEERING (CONTINUED)

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 A MWF 12:10-1:00  
T 8:00-10:50  
MEETS: AUG 20-DEC 14

5635010 B MWF 12:10-1:00  
T 11:00-1:50  
MEETS: AUG 20-DEC 14

5635015 C MWF 12:10-1:00  
W 5:10-8:00PM  
MEETS: AUG 20-DEC 14

5635020 D MWF 12:10-1:00  
F 8:00-10:50  
MEETS: AUG 20-DEC 14

5635025 E MWF 12:10-1:00  
R 8:00-10:50  
MEETS: AUG 20-DEC 14

5635035 F MWF 12:10-1:00  
M 1:10-4:00  
MEETS: AUG 20-DEC 14

SEMICND MTRLS&DEVIC E E 332 3 CREDITS  
Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E MAJORS: MAT E 317; ADDITIONAL PREREQ FOR E E AND CPR E MAJORS: E E 230

2195005 A TR 12:40-2:00  
MEETS: AUG 20-DEC 14

ELECTRONC SYS DSIGN E E 333 4 CREDITS  
Prereq: E E 230, CREDIT OR ENROLLMNT IN CPR E 288

8288005 A MWF 11:00-11:50  
R 2:10-5:00  
MEETS: AUG 20-DEC 14

8288010 B MWF 11:00-11:50  
F 8:00-10:50  
MEETS: AUG 20-DEC 14

8288015 C MWF 11:00-11:50  
F 12:10-3:00  
MEETS: AUG 20-DEC 14

SUSTNBL E&INT'L DEV E E 388 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION IN ENGINEERING  
Note: COURSE RESTRICTED TO COLLEGE OF ENGINEERING JUNIORS AND SENIORS  
Meets international perspectives reqmt

8121005 A MW 3:10-4:00  
T 4:10-6:00PM  
MEETS: AUG 20-DEC 14

OPEN LAB&DSIGN STDO E E 391 2 CREDITS  
Prereq: E E 224

9639005 MW 1:10-3:00  
MEETS: AUG 20-DEC 14

PROGRAM EXPLORATION E E 394 R CREDIT  
Prereq: E E 294 OR CPR E 294  
Satisfactory-Fail Only.

5403010 B1 M 1:10-2:00  
MEETS: AUG 20-DEC 14

5403015 B2 M 1:10-2:00  
MEETS: AUG 20-DEC 14

5403020 B3 M 1:10-2:00  
MEETS: AUG 20-DEC 14

5403025 C1 F 3:10-4:00  
MEETS: AUG 20-DEC 14

5403030 C2 F 3:10-4:00  
MEETS: AUG 20-DEC 14

5403035 C3 F 3:10-4:00  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUC E E 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MICROWAVE ENGINEERG E E 414 4 CREDITS  
Prereq: E E 230, E E 311

2897005 A MWF 8:00-8:50  
R 8:00-10:50  
MEETS: AUG 20-DEC 14

2897010 B MWF 8:00-8:50  
F 11:00-1:50  
MEETS: AUG 20-DEC 14

MAGNETSM&MGN MATRLS E E 419 3 CREDITS  
9798005 TR 3:40-5:00  
MEETS: AUG 20-DEC 14

MICROELEC FABRICATN E E 432 4 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN E E 332

9222005 MW 12:10-1:00  
ARRANGED  
MEETS: AUG 20-DEC 14

## ELECTRICAL ENGINEERING (CONTINUED)

INTR CIRCUIT&INSTRM E E 442 2 CREDITS  
Prereq: PHYS 222, 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 A MWF 4:10-5:00  
M 8:00-9:50  
MEETS: AUG 20-OCT 12

4723010 B MWF 4:10-5:00  
M 5:10-7:00PM  
MEETS: AUG 20-OCT 12

4723015 C MWF 4:10-5:00  
F 2:10-4:00  
MEETS: AUG 20-OCT 12

4723020 D MWF 4:10-5:00  
F 8:00-9:50  
MEETS: AUG 20-OCT 12

4723025 E MWF 4:10-5:00  
R 3:10-5:00  
MEETS: AUG 20-OCT 12

4723030 F MWF 4:10-5:00  
F 12:10-2:00  
MEETS: AUG 20-OCT 12

4723040 G MWF 4:10-5:00  
F 10:00-11:50  
MEETS: AUG 20-OCT 12

4723045 J MWF 4:10-5:00  
M 12:10-2:00  
MEETS: AUG 20-OCT 12

4723050 K MWF 4:10-5:00  
M 7:10-9:00PM  
MEETS: AUG 20-OCT 12

4723055 L MWF 4:10-5:00  
R 7:10-9:00PM  
MEETS: AUG 20-OCT 12

4723060 M MWF 4:10-5:00  
M 10:00-11:50  
MEETS: AUG 20-OCT 12

4723065 N MWF 4:10-5:00  
W 8:00-9:50  
MEETS: AUG 20-OCT 12

4723075 P MWF 4:10-5:00  
M 2:10-4:00  
MEETS: AUG 20-OCT 12

4723080 Q MWF 4:10-5:00  
T 3:10-5:00  
MEETS: AUG 20-OCT 12

4723085 R MWF 4:10-5:00  
W 5:10-7:00PM  
MEETS: AUG 20-OCT 12

4723095 U MWF 4:10-5:00  
T 1:10-3:00  
MEETS: AUG 20-OCT 12

4723100 V MWF 4:10-5:00  
W 10:00-11:50  
MEETS: AUG 20-OCT 12

4723105 W MWF 4:10-5:00  
T 10:00-11:50  
MEETS: AUG 20-OCT 12

4723110 Y MWF 4:10-5:00  
R 8:00-9:50  
MEETS: AUG 20-OCT 12

4723115 Z MWF 4:10-5:00  
R 10:00-11:50  
MEETS: AUG 20-OCT 12

4723120 AA MWF 4:10-5:00  
W 12:10-2:00  
MEETS: AUG 20-OCT 12

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 A MWF 4:10-5:00  
M 8:00-9:50  
MEETS: OCT 15-DEC 14

4775010 B MWF 4:10-5:00  
M 5:10-7:00PM  
MEETS: OCT 15-DEC 14

4775015 C MWF 4:10-5:00  
F 2:10-4:00  
MEETS: OCT 15-DEC 14

4775020 D MWF 4:10-5:00  
F 8:00-9:50  
MEETS: OCT 15-DEC 14

4775025 E MWF 4:10-5:00  
R 3:10-5:00  
MEETS: OCT 15-DEC 14

4775030 F MWF 4:10-5:00  
F 12:10-2:00  
MEETS: OCT 15-DEC 14

4775035 G MWF 4:10-5:00  
F 10:00-11:50  
MEETS: OCT 15-DEC 14

4775040 J MWF 4:10-5:00  
M 12:10-2:00  
MEETS: OCT 15-DEC 14

4775045 K MWF 4:10-5:00  
M 7:10-9:00PM  
MEETS: OCT 15-DEC 14

4775050 L MWF 4:10-5:00  
R 7:10-9:00PM  
MEETS: OCT 15-DEC 14

ELECTRICAL ENGINEERING (CONTINUED)

INTRO AC CIRC&MOTOR E E 448 2 CREDITS  
 4775055 M MWF 4:10-5:00  
 M 10:00-11:50  
 MEETS: OCT 15-DEC 14

4775060 N MWF 4:10-5:00  
 W 8:00-9:50  
 MEETS: OCT 15-DEC 14

4775075 P MWF 4:10-5:00  
 M 2:10-4:00  
 MEETS: OCT 15-DEC 14

4775080 Q MWF 4:10-5:00  
 T 3:10-5:00  
 MEETS: OCT 15-DEC 14

4775085 R MWF 4:10-5:00  
 W 5:10-7:00PM  
 MEETS: OCT 15-DEC 14

4775090 T MWF 4:10-5:00  
 W 7:10-9:00PM  
 MEETS: OCT 15-DEC 14

4775095 U MWF 4:10-5:00  
 T 1:10-3:00  
 MEETS: OCT 15-DEC 14

4775100 V MWF 4:10-5:00  
 W 10:00-11:50  
 MEETS: OCT 15-DEC 14

4775105 W MWF 4:10-5:00  
 R 1:10-3:00  
 MEETS: OCT 15-DEC 14

4775110 Y MWF 4:10-5:00  
 R 8:00-9:50  
 MEETS: OCT 15-DEC 14

4775115 Z MWF 4:10-5:00  
 R 10:00-11:50  
 MEETS: OCT 15-DEC 14

POWER SYST ANALYS I E E 456 3 CREDITS  
 Prereq: E E 303, CREDIT OR REGISTRATN IN E E 324  
 2912010 A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

DIGITAL VLSI DESIGN E E 465 4 CREDITS  
 Prereq: E E 330

8892005 A TR 9:30-10:50  
 T 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

8892010 B TR 9:30-10:50  
 W 2:10-5:00  
 MEETS: AUG 20-DEC 14

8892015 C TR 9:30-10:50  
 M 4:10-7:00PM  
 MEETS: AUG 20-DEC 14

MULTIDISC ENGR DSGN E E 466 3 CREDITS  
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF  
 GRADUATION, PERMISSION OF INSTRUCTOR

1900005 1 MWF 3:10-5:00  
 MEETS: AUG 20-DEC 14

AUTOMATC CONTRL SYS E E 475 3 CREDITS  
 Prereq: E E 324

2914005 A MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

EDDY CURRENT NDE E E 488 3 CREDITS  
 Prereq: MAT E 216 OR MAT E 273 OR E E 311 OR  
 PHYS 364

5898005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

SURV REMOTE SNS TEC E E 489 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
 SCIENCES OR ENGINEERING

9753005 MW 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS WWW LECTURE DELIVERY

SATELL RMT SENS LAB E E 489L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489  
 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489  
 OR NREM 589 OR E E 489 OR E E 589

5436005 T 9:00-11:50  
 MEETS: AUG 20-DEC 14

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

ELECTRICAL ENGINEERING (CONTINUED)

SR DESGN PROJ I&PRO E E 491 3 CREDITS  
 Prereq: CPR E 308 OR E E 322, COMPLETION OF 24  
 CREDITS IN THE E E CORE PROFESSIONAL PROGRAM OR 29  
 CREDITS IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL  
 314  
 Note: COURSE RESTRICTED TO CPR E, E E JUNIORS & SENIORS  
 Instructor permission required 1st week.

7230005 1 T 2:10-4:00, ARRANGED  
 MEETS: AUG 20-DEC 14

SR DESIGN PROJECT II E E 492 2 CREDITS  
 Prereq: E E 491  
 Note: COURSE RESTRICTED TO CPR E, E E JUNIORS & SENIORS

9515002 R 2:10-3:00, ARRANGED  
 MEETS: AUG 20-DEC 14

PORTFOLIO ASSESSMNT E E 494 R CREDIT  
 Prereq: CPR E/E E 394, CREDIT OR ENROLLMENT IN  
 CPR E/E E 491  
 Note: COURSE RESTRICTED TO CPR E, E E SENIORS ONLY

7347005 A W 2:10-3:00  
 MEETS: AUG 20-DEC 14

7347010 B R 3:10-4:00  
 MEETS: AUG 20-DEC 14

7347015 C W 3:10-4:00  
 MEETS: AUG 20-DEC 14

7347020 D R 2:10-3:00  
 MEETS: AUG 20-DEC 14

AN&MIXSIG VLSI TCNQ E E 501 4 CREDITS  
 Prereq: E E 435

5328005 A MW 2:10-3:30  
 R 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

5328010 B MW 2:10-3:30  
 R 2:10-5:00  
 MEETS: AUG 20-DEC 14

TOPICS ELECTROMAGNT E E 510 1- 3 CREDITS  
 Prereq: E E 311  
 Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018

2929005 1 MW 4:10-5:30  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

ADV ELECMG FD THY I E E 512 3 CREDITS  
 Prereq: E E 311

2933005 A TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

MICROWAVE ENGINEERG E E 514 4 CREDITS  
 Prereq: E E 230, E E 311

4791005 A MWF 8:00-8:50  
 R 8:00-10:50  
 MEETS: AUG 20-DEC 14

4791010 B MWF 8:00-8:50  
 F 11:00-1:50  
 MEETS: AUG 20-DEC 14

MAGNETISM&MGN MATRLS E E 519 3 CREDITS  
 Prereq: E E 311 OR MAT E 317 OR PHYS 364

6250005 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

TOPICS IN COMMUNICS E E 520 3 CREDITS  
 MW 11:00-12:20  
 MEETS: AUG 20-DEC 14

COGNTV RADIO NTRKS E E 522 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR

2920005 ARRANGED  
 MEETS: AUG 20-DEC 14

DIG SIGNAL PROCESS E E 524 3 CREDITS  
 Prereq: E E 322, E E 424, MATH 317

2939005 A MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

TOPCS INTR MEMS&BIO E E 530M 3 CREDITS  
 MW 3:40-5:00  
 MEETS: AUG 20-DEC 14

MICROEL FABRIC TCHQ E E 532 4 CREDITS  
 Prereq: PHYS 222, MATH 265. E E 332 OR MAT E 331  
 RECOMMENDED

8880005 MW 12:10-1:00  
 ARRANGED  
 MEETS: AUG 20-DEC 14

SEMICONDCTR PHYSICS E E 535 4 CREDITS  
 Prereq: E E 311 AND E E 332

2941005 A MT 6:10-7:30PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14

ELECTRICAL ENGINEERING (CONTINUED)

STEADY STATE ANALYS E E 553 3 CREDITS  
 Prereq: E E 456, E E 457  
 8879005 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

ADV ENRGY DISTB SYS E E 555 3 CREDITS  
 Prereq: E E 455  
 2948005 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

INTRO CONVEX OPTIMZ E E 571 3 CREDITS  
 2594005 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

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 12:10-1:00  
 MEETS: AUG 20-DEC 14

LINEAR SYSTEMS E E 577 3 CREDITS  
 Prereq: E E 324 OR AER E 331 OR MATH 415; AND  
 MATH 207  
 2954005 A TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

EDDY CURRENT NDE E E 588 3 CREDITS  
 Prereq: MAT E 216 OR MAT E 273 OR E E 311 OR  
 PHYS 364  
 5900005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

SURV REMOTE SNS TEC E E 589 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
 SCIENCES OR ENGINEERING  
 9758005 MW 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS WWW LECTURE DELIVERY

SATELL RMT SENS LAB E E 589L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489  
 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489  
 OR NREM 589 OR E E 489 OR E E 589  
 3759005 T 9:00-11:50  
 MEETS: AUG 20-DEC 14

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 SIGNAL PROC E E 590I 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ELECTRONICS E E 591 1- 3 CREDITS  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2017  
 1920005 VD ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

SEM N ELECTRIC POWER E E 594 1- 3 CREDITS  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2017  
 2964005 A T 12:40-2:00  
 MEETS: AUG 20-DEC 14

SEM N CONTROL SYSTMS E E 596 1- 3 CREDITS  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2017  
 2973005 ARRANGED  
 MEETS: AUG 20-DEC 14

SEM COMM&SIGNL PROC E E 597 1 CREDIT  
 Satisfactory-Fail Only.  
 7542005 ARRANGED  
 MEETS: AUG 20-DEC 14

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

ELECTRICAL ENGINEERING (CONTINUED)

ENGINEERNG INTERNSHP E E 697 R CREDIT  
 Satisfactory-Fail Only.  
 5716005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: PERMISSION OF MANAGER OF E E STUDENT SERVICES REQ'D  
 Department permission required.

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

**ENGINEERING**

ENGINEERING ORIENTN ENGR 101 R CREDIT  
 Satisfactory-Fail Only.  
 3788005 1 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO AER E MAJORS ONLY

3788010 2 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO AER E MAJORS ONLY

3788015 3 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 RESTRICTED TO AER E MAJORS ONLY

3788020 4 F 10:00-10:50  
 S 9:00-1:30  
 MEETS: AUG 20-OCT 12  
 Note: THE ONLY SATURDAY MEETING IS AUG 25.  
 SEC 4 RESTRICTED TO A E, BSE MAJORS ONLY.

3788025 5 F 11:00-11:50  
 S 9:00-1:30  
 MEETS: AUG 20-OCT 12  
 Note: THE ONLY SATURDAY MEETING IS AUG 25.  
 SEC 5 RESTRICTED TO A E, BSE MAJORS ONLY.

3788030 6 T 11:00-11:50 MOORMANN B  
 MEETS: AUG 20-DEC 14  
 Note: SEC 6 RESTRICTED TO C E MAJORS ONLY

3788035 7 R 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 7 RESTRICTED TO CON E MAJORS ONLY

3788040 8 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 8 RESTRICTED TO E E, CPR E, S E MAJORS

3788045 9 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 9 RESTRICTED TO CPR E, E E MAJORS ONLY

3788050 10 T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 10 RESTRICTED TO CPR E, E E MAJORS ONLY

3788055 11 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 11 RESTRICTED TO CPR E, E E MAJORS ONLY

3788060 12 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 12 RESTRICTED TO CPR E, E E MAJORS ONLY

3788065 13 R 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 13 RESTRICTED TO CPR E, E E MAJORS ONLY

3788070 14 R 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 14 RESTRICTED TO CPR E, E E MAJORS ONLY

3788075 15 MW 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 15 RESTRICTED TO I E MAJORS ONLY

3788080 16 MW 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 16 IS FOR I E TRANSFER STUDENTS ONLY.  
 RESTRICTED TO I E SOPHOMORES, JUNIORS AND SENIORS -  
 OTHERS BY SIGNATURE.

3788085 17 R 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 17 RESTRICTED TO MAT E MAJORS ONLY

3788090 18 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 18 RESTRICTED TO ENGR, OPEN, GENUS MAJORS

3788095 19 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 19 RESTRICTED TO ENGR, OPEN, GENUS MAJORS

3788100 20 T 3:40-4:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC 20 RESTRICTED TO ENGR, OPEN, GENUS MAJORS

3788105 21 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 21 RESTRICTED TO M E MAJORS ONLY

3788110 22 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 22 RESTRICTED TO M E MAJORS ONLY

3788115 23 T 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 23 RESTRICTED TO M E MAJORS ONLY

3788120 24 W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 24 RESTRICTED TO M E MAJORS ONLY

3788125 25 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 25 RESTRICTED TO AER E MAJORS ONLY

3788135 26 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 26 RESTRICTED TO AER E MAJORS ONLY

3788140 27 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 27 RESTRICTED TO AER E MAJORS ONLY

3788145 28 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 28 RESTRICTED TO AER E MAJORS ONLY

ENGINEERING (CONTINUED)

ENGINEERING (CONTINUED)

ENGINEERING ORIENTN ENGR 101 R CREDIT  
 3788150 29 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 29 RESTRICTED TO AER E MAJORS ONLY  
 3788155 30 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 30 RESTRICTED TO M E MAJORS ONLY  
 3788160 31 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 39 RESTRICTED TO M E MAJORS ONLY  
 3788165 32 F 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 32 RESTRICTED TO M E MAJORS ONLY  
 3788170 33 W 2:10-3:00  
 MEETS: AUG 20-OCT 12  
 Note: SEC 33 RESTRICTED TO CH E MAJORS ONLY  
 3788175 34 M 2:10-3:00  
 MEETS: AUG 20-OCT 15  
 Note: SEC 34 RESTRICTED TO CH E MAJORS ONLY  
 3788180 35 F 2:10-3:00  
 MEETS: AUG 20-OCT 12  
 Note: SEC 35 RESTRICTED TO CH E MAJORS ONLY  
 3788185 36 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 36 FOR M E TRANSFER STUDENTS ONLY  
 3788190 37 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 37 FOR M E TRANSFER STUDENTS ONLY  
 3788195 38 M 3:10-4:00 LOYD S  
 MEETS: AUG 20-DEC 14  
 Note: SEC 38 RESTRICTED TO C E MAJORS ONLY  
 3788200 39 W 1:10-2:00 LOYD S  
 MEETS: AUG 20-DEC 14  
 Note: SEC 39 RESTRICTED TO C E MAJORS ONLY  
 3788205 40 T 10:00-10:50 MOORMANN B  
 MEETS: AUG 20-DEC 14  
 Note: SEC 40 RESTRICTED TO C E MAJORS ONLY

LEAD PROGRAM ORIENTN ENGR 104 1 CREDIT  
 Satisfactory-Fail Only.  
 6594005 1 F 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: THIS SEC IS FOR STUDENTS IN THE LEAD  
 LEARNING COMMUNITY.

LEARNNG SKILLS ENGR 121 R CREDIT  
 Satisfactory-Fail Only.  
 8290005 1 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 8290010 2 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 8290015 3 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 8290020 4 R 3:40-4:30  
 MEETS: AUG 20-DEC 14  
 8290025 5 R 12:40-1:30  
 MEETS: AUG 20-DEC 14

LEARNING COMM SEMNR ENGR 131 R CREDIT  
 Note: COURSE RESTRICTED TO ENGR MAJORS ONLY  
 Satisfactory-Fail Only.  
 7845005 1 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 7845010 2 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 7845015 3 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 7845020 4 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 7845025 5 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 7845030 6 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 7845035 7 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 7845040 8 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 7845045 9 R 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 7845050 10 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 7845055 11 R 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7845060 12 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 7845065 13 R 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 7845070 14 R 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 7845075 15 R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 7845080 16 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 7845085 17 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 7845090 18 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 7845095 19 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 7845100 20 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 7845105 21 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 7845110 22 R 1:10-2:00  
 MEETS: AUG 20-DEC 14

LEARNING COMM SEMNR ENGR 131 R CREDIT  
 7845115 23 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 7845120 24 R 3:10-4:00  
 MEETS: AUG 20-DEC 14

FOUND LEADR DV&LRNG ENGR 150 1 CREDIT  
 Satisfactory-Fail Only.  
 8147005 1 M 3:10-5:00  
 MEETS: AUG 20-OCT 12  
 8147010 2 T 3:40-5:30  
 MEETS: OCT 15-DEC 14

LDRSHP ENGR STU ORG ENGR 155 1 CREDIT  
 8589005 1 T 3:40-5:30  
 MEETS: AUG 20-OCT 12

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: 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.  
 Night exams scheduled. For dates go to  
 http://www.registrar.iastate.edu/students/exams/  
 night-exams.  
 2946005 A MW 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 2946010 B MW 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 2946105 C MW 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 2946020 D MW 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 2946025 E TR 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 2946030 F TR 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 2946040 G TR 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 2946045 J TR 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 2946050 K TR 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

LEADRSH ENGR TEAMS ENGR 250 1 CREDIT  
 8591005 1 M 3:10-5:30  
 MEETS: OCT 15-DEC 14

ENGR:THOT TO THING ENGR 260 3 CREDITS  
 Note: COURSE RESTRICTED TO COLLEGES OTHER THAN  
 ENGINEERING  
 5528005 TR 4:10-5:30  
 MEETS: AUG 20-DEC 14

SURV IMPCT OF ENGRG ENGR 265 3 CREDITS  
 2212005 ARRANGED  
 MEETS: AUG 20-DEC 14

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 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: College permission required.

DEANS LDRSHP SEMNAR ENGR 350 1 CREDIT  
 Prereq: SELECTION BASED ON DEMONSTRATED  
 COMMITMENT TO LEADERSHIP DEVELOPMNT. JUNIOR OR ABOVE.  
 Note: CREDIT IN ENGR 350 MAY NOT BE APPLIED TOWARD  
 A DEGREE IN ENGINEERING  
 Instructor permission required.  
 Satisfactory-Fail Only.  
 9494005 1 F 1:10-2:00  
 MEETS: AUG 20-DEC 14

MULTIDISC ENGR DSGN ENGR 466 3 CREDITS  
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF  
 GRADUATION, PERMISSION OF INSTRUCTOR  
 8893005 1 MWF 3:10-5:00  
 MEETS: AUG 20-DEC 14

IND STDY ENTREPRNSH ENGR 490E 1- 3 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
 ENGINEERING, COLLEGE APPROVAL  
 Note: College permission required.  
 2529005 ARRANGED  
 MEETS: AUG 20-DEC 14

INDEP STU LEADRSHIP ENGR 490L 1- 3 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN  
 ENGINEERING, COLLEGE APPROVAL  
 5006005 ARRANGED  
 MEETS: AUG 20-DEC 14

**ENGINEERING MECHANICS**

ENGINEERING STATICS E M 274 3 CREDITS  
 Prereq: PHYS 221, CREDIT OR ENROLLMNT IN MATH 166  
 Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS  
 CREDIT IN MAT E 319X, OR THE E M 274 AND E M 324  
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD  
 GRADUATION  
 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)

3004010 2 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

3004015 3 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

3004020 4 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

3004025 5 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

3004030 6 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

3004040 8 MWF 4:10-5:00  
 MEETS: AUG 20-DEC 14

3004050 10 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

3004055 11 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

3004060 12 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

MECHAN OF MATERIALS E M 324 3 CREDITS  
 Prereq: E M 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 9:00-9:50  
 MEETS: AUG 20-DEC 14

3007010 2 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

3007015 3 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

3007020 4 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

3007025 5 MWF 4:10-5:00  
 MEETS: AUG 20-DEC 14

MECH OF MATERLS LAB E M 327 1 CREDIT  
 Prereq: E M 324

3008005 1 T 10:00-11:50  
 MEETS: AUG 20-DEC 14

3008010 2 T 1:10-3:00  
 MEETS: AUG 20-DEC 14

3008015 3 T 3:10-5:00  
 MEETS: AUG 20-DEC 14

3008020 4 R 10:00-11:50  
 MEETS: AUG 20-DEC 14

3008025 5 R 1:10-3:00  
 MEETS: AUG 20-DEC 14

3008030 6 T 8:00-9:50  
 MEETS: AUG 20-DEC 14

3008035 7 R 3:10-5:00  
 MEETS: AUG 20-DEC 14

3008040 8 W 10:00-11:50  
 MEETS: AUG 20-DEC 14

3008045 9 R 8:00-9:50  
 MEETS: AUG 20-DEC 14

3008050 10 W 8:00-9:50  
 MEETS: AUG 20-DEC 14

3008055 11 W 1:10-3:00  
 MEETS: AUG 20-DEC 14

ENGINEERING DYNAMICS E M 345 3 CREDITS  
 Prereq: E M 274, CR OR ENROLLMENT IN MATH 266 OR  
 MATH 267  
 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)

3010005 1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

3010010 2 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

3010015 3 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

3010020 4 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

PRIN NONDESTRC TEST E M 362 3 CREDITS  
 Prereq: PHYS 112 OR PHYS 222

3011005 1 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

## ENGINEERING MECHANICS

(CONTINUED)

NONDESTRUC TEST LAB E M 362L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN MAT E 362

3012005 1 T 2:10-5:00  
 MEETS: AUG 20-DEC 14

3012010 2 R 2:10-5:00  
 MEETS: AUG 20-DEC 14

MECHANICS OF FLUIDS E M 378 3 CREDITS  
 Prereq: E M 274  
 Note: LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB  
 IS HELD. 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)

3013005 1 MWF 10:00-10:50  
 T 8:00-9:50  
 MEETS: AUG 20-DEC 14

3013010 2 MWF 10:00-10:50  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14

3013015 3 MWF 10:00-10:50  
 W 11:00-1:00  
 MEETS: AUG 20-DEC 14

3013020 4 MWF 10:00-10:50  
 R 3:10-5:00  
 MEETS: AUG 20-DEC 14

3013025 5 MWF 10:00-10:50  
 T 1:10-3:00  
 MEETS: AUG 20-DEC 14

3013030 6 MWF 9:00-9:50  
 T 3:10-5:00  
 MEETS: AUG 20-DEC 14

3013035 7 MWF 9:00-9:50  
 R 8:00-9:50  
 MEETS: AUG 20-DEC 14

3013040 8 MWF 9:00-9:50  
 R 1:10-3:00  
 MEETS: AUG 20-DEC 14

3013045 9 MWF 9:00-9:50  
 T 10:00-11:50  
 MEETS: AUG 20-DEC 14

3013055 10 MWF 9:00-9:50  
 W 3:10-5:00  
 MEETS: AUG 20-DEC 14

3013060 11 MWF 9:00-9:50  
 W 1:10-3:00  
 MEETS: AUG 20-DEC 14

3013065 12 MWF 10:00-10:50  
 W 1:10-3:00  
 MEETS: AUG 20-DEC 14

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: INSTR PERMISSION, HONORS PROG MEMBERSHIP  
 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 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

WAVE ELAS SOLID&NDE E M 518 3 CREDITS  
 Prereq: MATH 385

7976005 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

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 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

WIND ENGINEERING E M 570 3 CREDITS  
 Prereq: E M 378, E M 345

7626005 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

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

ENGINEERING MECHANICS (CONTINUED)

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 6900 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

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 ARRANGED  
 MEETS: AUG 20-DEC 14

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

**ENGLISH**

IEOP READING:BEGINR ENGL 11A 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP READG:LO-INTMD ENGL 11B 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP READING:INTMED ENGL 11C 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP READ:HI-INTRMD ENGL 11D 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP READING: HIGH ENGL 11E 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP READING:ADVANC ENGL 11F 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:BEGINR ENGL 12A 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP WRIT:LO-INTRMD ENGL 12B 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:INTRMD ENGL 12C 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP WRIT:HI INTRMD ENGL 12D 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING: HIGH ENGL 12E 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP WRITING:ADVANC ENGL 12F 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP LISTN-SPK:BEGN ENGL 13A 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP LIST-SPK:LO-IN ENGL 13B 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP LISTN-SPK:INTM ENGL 13C 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP LIST-SPK:HI-IN ENGL 13D 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP LISTEN-SPK: HI ENGL 13E 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGLISH (CONTINUED)

IEOP LISTEN-SPK:ADV ENGL 13F 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:BEGINR ENGL 14A 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:LO-INT ENGL 14B 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:INTRMD ENGL 14C 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:HI-INT ENGL 14D 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR: HIGH ENGL 14E 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP GRAMMAR:ADVANC ENGL 14F 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP EXIT ACAD SKIL ENGL 15 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP EXIT ORIENTATN ENGL 16 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP EXIT TECHNOLOGY ENGL 17 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP BUSNSS LIST-SP ENGL 18 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP BUSNSS READ-WR ENGL 19 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IEOP OPTIONL SEMNAR ENGL 20 0 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

NONNATIVE SPEAKING ENGL 99S 0 CREDITS  
 Prereq: RECOMMENDATION OF ENGLISH DEPARTMENT  
 Note: DEVELOPMENTAL ENGLISH FEE APPLIES. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEE.

9180005 1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

9180010 2 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

9180020 4 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

9180025 5 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

9180030 6 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

9180035 7 MWF 4:10-5:00  
 MEETS: AUG 20-DEC 14

9180040 8 MWF 4:10-5:00  
 MEETS: AUG 20-DEC 14

9180045 9 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

9180015 3 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

ENGLISH NONNATIVE I ENGL 101B 3 CREDITS  
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION  
 Note: ENGL 101B DOES NOT APPLY TOWARD GRADUATION

3294005 1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

3294010 2 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

3294015 3 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

3294020 4 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

3294025 5 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

3294030 6 T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14

3294035 7 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

ENGLISH NONNATIV II ENGL 101C 3 CREDITS  
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION  
 Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION

3295005 1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

3295010 2 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

3295015 3 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

3295020 4 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

3295025 5 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

3295030 6 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

3295035 7 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

3295040 8 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

ENGLISH (CONTINUED)

ENGLISH NONNATIV II ENGL 101D 3 CREDITS  
 Prereg: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN  
 VARIOUS SECTIONS DETERMINED BY EXAMINATION  
 Note: ENGL 101D DOES NOT APPLY TOWARD GRADUATION.  
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.  
 3296005 1 MF 10:00-10:50  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 3296010 2 T 8:00-9:20  
 R 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 3296015 3 T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 3296020 4 MF 12:10-1:00  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 COMPUTERS & LANGUAGE ENGL 120 3 CREDITS  
 6170005 A MF 2:10-3:00  
 W 2:10-3:00  
 MEETS: AUG 20-DEC 14

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS  
 Prereg: CONCURRENT ENROLLMENT IN LIB 160  
 IS RECOMMENDED  
 Note: EVERY SECTION MEETS IN A COMPUTER WRITING LAB  
 ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A  
 TRADITIONAL CLASSROOM.  
 3298100 DA M 10:00-10:50  
 WF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. DA IS LIKELY TO MEET ON MONDAYS IN A  
 ROSS HALL COMPUTER LAB  
 RESTRICTED TO CUFSA, CUFSH, P DTA, P DTH,  
 PDEXHM FS A, FS H, NS A, NS H MAJORS ONLY  
 3298105 DB M 11:00-11:50  
 WF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. DB IS LIKELY TO MEET ON MONDAYS IN A  
 ROSS HALL COMPUTER LAB  
 RESTRICTED TO AN S, ANSPV, A ECL, BIOL, BIOLA,  
 DY S, GENPV, NREM, P VET MAJORS ONLY  
 3298110 DC M 12:10-1:00  
 WF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. DC IS LIKELY TO MEET ON MONDAYS IN A  
 ROSS HALL COMPUTER LAB  
 RESTRICTED TO AN S, ANSPV, A ECL, BIOL, BIOLA,  
 DY S, GENPV, NREM, P VET MAJORS ONLY  
 3298115 DD MW 3:10-6:00PM  
 MEETS: AUG 20-OCT 12  
 Note: SEC. DD IS A FIRST-HALF SEMESTER SECTION THAT  
 STARTS ON AUGUST 20. DUE TO THE CONDENSED NATURE OF  
 THIS SECTION (8 WKS), REGULAR ATTENDANCE IS CRITICAL.  
 SEC. DD IS LIKELY TO MEET IN A ROSS HALL COMPUTER  
 ROOM. TO ADD THIS SECTION DURING THE FIRST WEEK OF  
 CLASSES, OBTAIN SIGNATURE FROM DEANNA STUMBO, 229  
 ROSS HALL.  
 Department permission required 1st week.  
 3298120 DE MW 3:10-6:00PM  
 MEETS: OCT 15-DEC 14  
 Note: SEC. DE IS A SECOND-HALF SEMESTER SECTION THAT  
 STARTS ON OCTOBER 15. DUE TO THE CONDENSED NATURE OF  
 THIS SECTION (8 WKS), REGULAR ATTENDANCE IS CRITICAL.  
 SEC. DE IS LIKELY TO MEET IN A ROSS HALL COMPUTER  
 ROOM. TO ADD THIS SECTION DURING THE FIRST WEEK OF  
 CLASSES, OBTAIN SIGNATURE FROM DEANNA STUMBO, 229  
 ROSS HALL.  
 Department permission required 1st week.  
 3298125 DF TR 3:40-6:20PM  
 MEETS: AUG 20-OCT 12  
 Note: SEC. DF IS A FIRST-HALF SEMESTER SECTION THAT  
 STARTS ON AUGUST 21. DUE TO THE CONDENSED NATURE OF  
 THIS SECTION (8 WKS), REGULAR ATTENDANCE IS CRITICAL.  
 SEC. DF IS LIKELY TO MEET IN A ROSS HALL COMPUTER  
 ROOM. TO ADD THIS SECTION DURING THE FIRST WEEK OF  
 CLASSES, OBTAIN SIGNATURE FROM DEANNA STUMBO, 229  
 ROSS HALL.  
 Department permission required 1st week.  
 3298130 DG TR 3:40-6:20PM  
 MEETS: OCT 15-DEC 14  
 Note: SEC. DG IS A SECOND-HALF SEMESTER SECTION THAT  
 STARTS ON OCTOBER 16. DUE TO THE CONDENSED NATURE OF  
 THIS SECTION (8 WKS), REGULAR ATTENDANCE IS CRITICAL.  
 SEC. DG IS LIKELY TO MEET IN A ROSS HALL COMPUTER  
 ROOM. TO ADD THIS SECTION DURING THE FIRST WEEK OF  
 CLASSES, OBTAIN SIGNATURE FROM DEANNA STUMBO, 229  
 ROSS HALL.  
 Department permission required 1st week.  
 3298135 DH MF 11:00-11:50  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. DH IS LIKELY TO MEET SOME OF THE  
 WEDNESDAYS IN A ROSS HALL COMPUTER LAB  
 3298136 DJ MF 12:10-1:00  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. DJ IS LIKELY TO MEET SOME OF THE  
 WEDNESDAYS IN THE ROSS HALL COMPUTER LAB.  
 3298140 DK MF 1:10-2:00  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. DK IS LIKELY TO MEET SOME OF THE  
 WEDNESDAYS IN A ROSS HALL COMPUTER LAB.

ENGLISH (CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS  
 3298150 DL MF 2:10-3:00  
 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. DL IS LIKELY TO MEET SOME OF THE  
 WEDNESDAYS IN A ROSS HALL COMPUTER LAB  
 RESTRICTED TO THE COLLEGE OF ENGR MAJORS ONLY  
 3298155 DM M 1:10-2:00  
 WF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. DA IS LIKELY TO MEET ON MONDAYS IN A  
 ROSS HALL COMPUTER LAB  
 3298300 FA M 9:00-9:50  
 WF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FA IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON MONDAYS  
 3298305 FB M 10:00-10:50  
 WF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FB IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON MONDAYS  
 3298310 FC MF 11:00-11:50  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FC IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON WEDNESDAYS  
 3298005 FD MF 12:10-1:00  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FD IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON WEDNESDAYS  
 RESTRICTED TO AG ST, HORT MAJORS ONLY  
 3298315 FE T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FE IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON TUESDAYS  
 RESTRICTED TO CH FS, ECE, E C P, FECDS MAJORS ONLY  
 3298320 FF T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FF IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON TUESDAYS  
 3298335 FG T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FG IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON TUESDAYS  
 RESTRICTED TO CH FS, ECE, E C P, FECDS MAJORS ONLY  
 3298340 FH T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FH IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON TUESDAYS  
 RESTRICTED TO CH FS, ECE, E C P, FECDS MAJORS ONLY  
 3298355 FK T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FK IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON THURSDAYS  
 RESTRICTED TO AN S, ANSPV, A ECL, BIOL, BIOLA,  
 DY S, GENPV, NREM, P VET MAJORS ONLY  
 3298360 FL T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FL IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON THURSDAYS  
 3298205 FM T 3:40-5:00  
 R 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FM IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON THURSDAYS  
 3298365 FN MF 8:00-8:50  
 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FN IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON WEDNESDAYS  
 3298370 FP MF 9:00-9:50  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FP IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON WEDNESDAYS  
 RESTRICTED TO AG ST, AGLSE, AG B, AGRON, AG X,  
 AGEDS & HORT MAJORS ONLY  
 3298375 FQ T 8:00-9:20  
 R 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FQ IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON THURSDAYS  
 RESTRICTED TO AN S, ANSPV, A ECL, BIOL, BIOLA,  
 DY S, GENPV, NREM, P VET MAJORS ONLY  
 3298380 FR T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. FR IS LIKELY TO MEET IN THE FRILEY HALL  
 COMPUTER ROOM ON THURSDAYS  
 RESTRICTED TO A ECL, AG B, AG SO, AGEDS, AGRON, AN S,  
 BIOL, BIOLA, ENSCA, ENSCS, FOR, HORT, NREM MAJORS  
 3298270 LB M 9:00-9:50  
 WF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LB IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON MONDAYS  
 RESTRICTED TO AGBIO, BIOCH, BIOL, GEN, GEN S,  
 GENPV, MICR, P MED, P VET MAJORS ONLY



## ENGLISH

(CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS  
 3298600 LC M 10:00-10:50  
 WF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LC IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON MONDAYS

3298605 LD MF 11:00-11:50  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LD IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON WEDNESDAYS

3298620 LG MF 12:10-1:00  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LG IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON WEDNESDAYS

3298625 LH MF 1:10-2:00  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LH IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON WEDNESDAYS

3298345 LJ MF 2:10-3:00  
 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LJ IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON WEDNESDAYS

3298630 LL T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LL IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON TUESDAYS

3298635 LM T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LM IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMPUTER ROOM ON TUESDAYS

3298640 LN M 1:10-2:00  
 WF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LN IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON MONDAYS

3298645 LP MF 10:00-10:50  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LP IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON WEDNESDAYS

3298646 LQ M 12:10-1:00  
 WF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LQ IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON MONDAYS

3298648 LS T 3:40-5:00  
 R 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LS IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON TUESDAYS

3298650 LT T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LT IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON THURSDAYS. THIS IS A CROSS-  
 CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY  
 WITH SECTION LV.

3298651 LV T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LV IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON THURSDAYS. THIS IS A CROSS-  
 CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS  
 JOINTLY WITH SEC LT. PLEASE SEE YOUR ADVISER TO  
 REGISTER.  
 Permission of adviser required.

3298660 LW T 8:00-9:20  
 R 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LW IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON THURSDAYS. THIS IS A CROSS-  
 CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY  
 WITH SECTION LX.

3298661 LX T 8:00-9:20  
 R 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. LX IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON THURSDAYS. THIS IS A CROSS-  
 CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS  
 JOINTLY WITH SEC LW. PLEASE SEE YOUR ADVISER TO  
 REGISTER.  
 Permission of adviser required.

3298653 MA M 8:00-8:50  
 WF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. MA IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON MONDAYS

3298655 MB M 9:00-9:50  
 WF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. MB IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON MONDAYS

3298520 MC M 1:10-2:00  
 WF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. MC IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON MONDAYS

3298665 MD M 12:10-1:00  
 WF 12:10-1:00  
 MEETS: AUG 20-DEC 14

## ENGLISH

(CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS  
 Note: SEC. MD IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON MONDAYS

3298670 ME T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. ME IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON TUESDAYS  
 RESTRICTED TO ADVRT, FSHNH, JL MC, MGMT, MKT,  
 P BUS, P R MAJORS ONLY

3298675 MF T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. MF IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON TUESDAYS

3298680 MG T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. MG IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON THURSDAYS

3298690 MJ MF 9:00-9:50  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. MJ IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON WEDNESDAYS

3298695 MK MF 10:00-10:50  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. MK IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON WEDNESDAYS

3298701 MM R 12:40-2:00  
 T 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. MM IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMPUTER ROOM ON THURSDAYS

3298710 MQ M 11:00-11:50  
 WF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. MQ IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
 COMMONS COMPUTER ROOM ON MONDAYS

3298750 TA MW 1:10-2:00  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TA IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS.

3298760 TB M 2:10-3:00  
 WF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TB IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS

3298790 TE MF 8:00-8:50  
 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TE IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS

3298805 TG T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TG IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER LAB ON THURSDAYS

3298815 TJ MW 12:10-1:00  
 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TJ IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS

3298820 TK M 11:00-11:50  
 WF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TK IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS

3298825 TL MF 11:00-11:50  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TL IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS

3298830 TM M 1:10-2:00  
 WF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TM IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS

3298835 TN MF 2:10-3:00  
 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TN IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS

3298890 VA MF 10:00-10:50  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. VA IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS

3298895 VB T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. VB IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS  
 RESTRICTED TO ADVRT, EVENT, JL MC, P R,  
 P ARC, P BUS, P CRP, P GR, P ID, P ISA,  
 P LA MAJORS ONLY

## ENGLISH

(CONTINUED)

SPEAK FOR INT'L TA ENGL 180A 3 CREDITS  
Prereq: NO MORE THAN ONE SECTION OF ENGL 180 MAY  
BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL  
Note: ENGL 180A DOES NOT APPLY TOWARD GRADUATION.  
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED  
IN THE CENTER FOR COMMUNICATION EXCELLENCE,  
1137 PEARSON HALL.  
Satisfactory-Fail Only.

3579005 1 MW 3:10-4:30  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

3579010 2 TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

INTMED ENGL INTL TA ENGL 180B 3 CREDITS  
Prereq: NO MORE THAN ONE SECTION OF ENGL 180 MAY  
BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL  
Note: ENGL 180B DOES NOT APPLY TOWARD GRADUATION.  
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED  
IN THE CENTER FOR COMMUNICATION EXCELLENCE,  
1137 PEARSON HALL.  
Satisfactory-Fail Only.

3580005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

3580010 2 MW 3:10-4:30  
MEETS: AUG 20-DEC 14

PRESNTATNS INT'L TA ENGL 180D 3 CREDITS  
Prereq: NO MORE THAN ONE SECTION OF ENGL 180 MAY  
BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL  
Note: ENGL 180D DOES NOT APPLY TOWARD GRADUATION.  
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED  
IN THE CENTER FOR COMMUNICATION EXCELLENCE,  
1137 PEARSON HALL.  
Satisfactory-Fail Only.

3593005 1 TR 3:10-4:30  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

3593010 2 MW 3:10-4:30  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

3593015 3 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

INTRO TO LITERATURE ENGL 201 3 CREDITS  
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150

3303005 A1 MW 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SECTION A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

3303010 A2 MW 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ENGL,  
TCOMM

INTRO TECH COMMUNIC ENGL 214 3 CREDITS  
Prereq: ENGL 150

7570005 A MW 12:10-1:00  
MEETS: AUG 20-DEC 14

INTRO LINGUISTICS ENGL 219 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION

3307005 A MW 8:00-8:50  
MEETS: AUG 20-DEC 14  
Note: SECTION A RESTRICTED TO SOPHOMORES, JUNIORS  
AND SENIORS ONLY

3307010 B MW 1:10-2:00  
MEETS: AUG 20-DEC 14  
Note: SECTION B RESTRICTED TO ENGL, LING SOPHOMORES,  
JUNIORS, AND SENIORS

3307015 C TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
Note: SECTION C RESTRICTED TO SOPHOMORES, JUNIORS  
AND SENIORS ONLY

3307020 D TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: SECTION D RESTRICTED TO SOPHOMORES, JUNIORS  
AND SENIORS ONLY

DESCRP ENGL GRAMMAR ENGL 220 3 CREDITS  
Prereq: ENGL 250  
Note: SECTIONS A1,B1,ETC. RESTRICTED TO ENGL, TCOMM,  
LING MAJORS ONLY. SECTIONS A2,B2,ETC. RESTRICTED  
TO MAJORS OTHER THAN ENGL, TCOMM, LING.

3308005 A1 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

3308010 A2 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

3308015 B1 MW 10:00-10:50  
MEETS: AUG 20-DEC 14

3308020 B2 MW 10:00-10:50  
MEETS: AUG 20-DEC 14

3308025 C1 MW 9:00-9:50  
MEETS: AUG 20-DEC 14

3308030 C2 MW 9:00-9:50  
MEETS: AUG 20-DEC 14

3308600 XW ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

## ENGLISH

(CONTINUED)

BRITISH LIT TO 1800 ENGL 225 3 CREDITS  
Prereq: ENGL 250

5349005 A1 MW 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SECTION A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

5349010 A2 MW 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN  
ENGL, TCOMM

AMERICN LIT TO 1865 ENGL 227 3 CREDITS  
Prereq: ENGL 250  
Note: SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.  
A2,B2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM.

5356005 A1 MW 9:00-9:50  
MEETS: AUG 20-DEC 14

5356010 A2 MW 9:00-9:50  
MEETS: AUG 20-DEC 14

5356015 B1 MW 10:00-10:50  
MEETS: AUG 20-DEC 14

5356020 B2 MW 10:00-10:50  
MEETS: AUG 20-DEC 14

SURVEY OF FILM HIST ENGL 237 3 CREDITS  
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150

1940005 A TR 3:40-6:00PM  
MEETS: AUG 20-DEC 14

INTRO AM INDIAN LIT ENGL 240 3 CREDITS  
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150  
Note: Meets U.S. diversity reqmt

8244005 A TR 12:40-2:00  
MEETS: AUG 20-DEC 14

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
Prereq: ENGL 150 OR EXEMPTION FROM ENGL 150;  
CREDIT FOR OR CONCURRENT ENROLLMENT IN LIB 160  
Note: EVERY SECTION MEETS IN A COMPUTER LAB AT LEAST  
ONE DAY PER WEEK. EXCEPT FOR THE LAPTOP SECTIONS, THE  
OTHER MEETING(S) WILL BE IN A TRADITIONAL CLASSROOM.

3299005 CA MW 8:00-8:50  
MEETS: AUG 20-DEC 14  
Note: SEC. CA IS LIKELY TO MEET ALL DAYS IN THE  
COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.

3299010 CB MW 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC. CB IS LIKELY TO MEET ALL DAYS IN THE  
COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.

3299015 CC MW 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SEC. CC IS LIKELY TO MEET ALL DAYS IN THE  
COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.

3299020 CD MW 3:10-4:00  
MEETS: AUG 20-DEC 14  
Note: SEC. CD IS LIKELY TO MEET ALL DAYS IN THE  
COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.

3299025 CE MW 4:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SEC. CE IS LIKELY TO MEET ALL DAYS IN THE  
COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.

3299030 CF TR 11:00-2:20  
MEETS: AUG 20-DEC 14  
Note: SEC. CF IS LIKELY TO MEET ALL DAYS IN THE  
COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.

3299035 CG TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: SEC. CG IS LIKELY TO MEET BOTH DAYS IN THE  
COMM BLDG LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.

3299220 FC MF 2:10-3:00  
W 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SEC. FC IS LIKELY TO MEET IN THE FRILEY HALL  
COMPUTER ROOM ON WEDNESDAYS

3299230 FD MF 3:10-4:00  
W 3:10-4:00  
MEETS: AUG 20-DEC 14  
Note: SEC. FD IS LIKELY TO MEET IN THE FRILEY HALL  
COMPUTER ROOM ON WEDNESDAYS

3299535 MT T 9:30-10:50  
R 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC. MT IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
COMMONS COMPUTER ROOM ON THURSDAYS. THIS IS A  
CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS  
JOINTLY WITH SECTION MV.

3299536 MV T 9:30-10:50  
R 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC. MV IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
COMMONS COMPUTER ROOM ON THURSDAYS. THIS IS A CROSS-  
CULTURAL SECTION.

3299540 MW T 11:00-12:20  
R 11:00-12:20  
MEETS: AUG 20-DEC 14  
Note: SEC. MW IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
COMMONS COMPUTER ROOM ON THURSDAYS. THIS IS A  
CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS  
JOINTLY WITH SECTION MX.

3299541 MX T 11:00-12:20  
R 11:00-12:20  
MEETS: AUG 20-DEC 14  
Note: SEC. MX IS LIKELY TO MEET IN A MAPLE-WILLOW-LARCH  
COMMONS COMPUTER ROOM ON THURSDAYS. THIS IS A CROSS-  
CULTURAL SECTION.

3299080 NA MW 8:00-8:50  
MEETS: AUG 20-DEC 14

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
 Note: SEC. NA MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 RESTRICTED TO BIOL, BIOLA, BIOCH, GEN, GEN S,  
 GENPV, P MED

3299085 NB MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NB MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 RESTRICTED TO THE COLLEGE OF ENGR

3299090 NC MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NC MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 RESTRICTED TO AGBIO, BIOL, BIOLA, BIOCH, GEN,  
 GEN S, MICRO

3299100 NE MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NE MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 RESTRICTED TO AST, C E, I E, I TEC MAJORS ONLY

3299105 NF MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NF MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299110 NG MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NG MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299115 NH MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NH MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299120 NJ MWF 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NJ MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299125 NK TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NK MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299130 NL TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NL MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY

3299135 NM TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NM MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299140 NN TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NN MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 RESTRICTED TO JUNIORS & ABOVE

3299145 NP TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NP MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299150 NQ TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. NQ MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299550 PA TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299560 PB TR 3:40-6:20PM  
 MEETS: AUG 20-OCT 12  
 Note: SEC. PB IS A FIRST-HALF SEMESTER SECTION THAT  
 STARTS ON AUGUST 22. DUE TO THE CONDENSED NATURE OF  
 THIS SECTION (8 WKS), REGULAR ATTENDANCE IS CRITICAL.  
 SEC. PB IS LIKELY TO MEET BOTH DAYS IN ROSS HALL  
 COMPUTER ROOM. TO ADD THIS SECTION DURING THE FIRST  
 WEEK OF CLASSES, OBTAIN SIGNATURE FROM DEANNA  
 STUMBO, 229 ROSS HALL.  
 Department permission required 1st week.

3299565 PC TR 3:40-6:20PM  
 MEETS: OCT 15-DEC 14  
 Note: SEC. PC IS A SECOND-HALF SEMESTER SECTION THAT  
 STARTS ON OCTOBER 17. DUE TO THE CONDENSED NATURE OF  
 THIS SECTION (8 WKS), REGULAR ATTENDANCE IS CRITICAL.  
 SEC. PC IS LIKELY TO MEET BOTH DAYS IN ROSS HALL  
 COMPUTER ROOM. TO ADD THIS SECTION DURING THE FIRST  
 WEEK OF CLASSES, OBTAIN SIGNATURE FROM DEANNA  
 STUMBO, 229 ROSS HALL.  
 Department permission required 1st week.

3299570 PD MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. PD MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299575 PE MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. PE MEETS ALL DAYS IN THE ROSS HALL  
 LAPTOP LAB. COMPUTERS ARE PROVIDED.

3299580 PF MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. PF MEETS ALL DAYS IN THE ROSS HALL  
 LAPTOP LAB. COMPUTERS ARE PROVIDED.

3299585 PG MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. PG MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 RESTRICTED TO ASTRO, CHEM, GEOL, PHYS MAJORS

3299590 PH MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
 Note: SEC PH MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299595 PJ MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. PJ MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299600 PK MW 3:10-6:00PM  
 MEETS: AUG 20-OCT 12  
 Note: SEC. PK IS A FIRST-HALF SEMESTER SECTION THAT  
 STARTS ON AUGUST 20. DUE TO THE CONDENSED NATURE OF  
 THIS SECTION (8 WKS), REGULAR ATTENDANCE IS CRITICAL.  
 SEC. PK IS LIKELY TO MEET BOTH DAYS IN ROSS HALL  
 LAPTOP LAB. TO ADD THIS SECTION DURING THE FIRST  
 WEEK OF CLASSES, OBTAIN SIGNATURE FROM DEANNA  
 STUMBO, 229 ROSS HALL.  
 Department permission required 1st week.

3299605 PL MW 3:10-6:00PM  
 MEETS: OCT 15-DEC 14  
 Note: SEC. PL IS A SECOND-HALF SEMESTER SECTION THAT  
 STARTS ON OCTOBER 16. DUE TO THE CONDENSED NATURE OF  
 THIS SECTION (8 WKS), REGULAR ATTENDANCE IS CRITICAL.  
 SEC. PL IS LIKELY TO MEET BOTH DAYS IN ROSS HALL  
 LAPTOP LAB. TO ADD THIS SECTION DURING THE FIRST  
 WEEK OF CLASSES, OBTAIN SIGNATURE FROM DEANNA  
 STUMBO, 229 ROSS HALL.  
 Department permission required 1st week.

3299610 PM MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. PM MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299650 RA MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RA MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299655 RB MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RB MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 RESTRICTED TO AN S, A ECL, DY S, DYSPV, BIOL, BIOLA,  
 NREM, P VET MAJORS ONLY

3299660 RC MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RC MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299665 RD MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RD MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 RESTRICTED TO AN S, A ECL, DY S, DYSPV, BIOL, BIOLA,  
 NREM, P VET MAJORS ONLY

3299670 RE MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RE MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 RESTRICTED TO COM S, CPR E, E E, S E MAJORS ONLY

3299675 RF MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RF MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 RESTRICTED TO COM S, CPR E, E E, S E MAJORS ONLY

3299680 RG MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RG MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299685 RH MWF 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RH MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299690 RJ TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RJ MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299695 RK TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RK MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299700 RL TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RL MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299705 RM TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RM MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299710 RN TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RN MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299715 RP TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RP MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299750 SA MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SA MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299755 SB MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SB MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299760 SC MWF 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SC MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

## ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
 3299765 SD MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SD MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299770 SE MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SE MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299775 SF TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SF MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299780 SG TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SG MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299785 SH TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SH MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299790 SJ MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SJ MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299795 SK MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SK MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299796 SL T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SL MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299797 SM T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SM MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299798 SN T 8:00-9:20  
 R 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SN MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299799 SP MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SP MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299801 SQ MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. SQ MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3299800 TA MF 3:10-4:00  
 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TA WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER LAB ON WEDNESDAYS

3299805 TB MF 4:10-5:00  
 W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TB WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER LAB ON WEDNESDAYS

3299810 TC T 3:40-5:00  
 R 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TC WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER LAB ON TUESDAYS

3299815 TD T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TD WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER LAB ON TUESDAYS

3299170 VA T 8:00-9:20  
 R 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. VA IS LIKELY TO MEET TUESDAYS IN A  
 ROSS HALL COMPUTER LAB

3299860 VB T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. VB IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER LAB ON THURSDAYS

3299865 VC T 3:40-5:00  
 R 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. VC IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER LAB ON THURSDAYS

3299875 VF MF 9:00-9:50  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. VF IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER LAB ON WEDNESDAYS

3299895 VK T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. VK IS LIKELY TO MEET TUESDAYS IN A  
 ROSS HALL COMPUTER LAB

3299900 VL MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. VL MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

## ENGLISH

(CONTINUED)

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: EVERY SECTION MEETS IN A COMPUTER LAB AT LEAST  
 ONE DAY PER WEEK. EXCEPT FOR THE LAPTOP SECTIONS, THE  
 OTHER MEETING(S) WILL BE IN A TRADITIONAL CLASSROOM.  
 RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS  
 PROGRAM ONLY.

3300100 PA TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3300110 PB TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. PB MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3300120 PC TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. PC MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3300125 PD TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. PD MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3300205 RA MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. RA MEETS ALL DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.

3300400 TA M 9:00-9:50  
 WF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TA IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS

3300405 TB M 10:00-10:50  
 WF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TB IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS

3300410 TC T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TC IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS

3300415 TD T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TD IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS

3300420 TE T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. TE IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS

3300220 VA M 2:10-3:00  
 WF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. VA IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS

3300225 VB M 3:10-4:00  
 WF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC. VB IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS

3300235 VD T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC. VD IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS

INTRO LITERARY STDY ENGL 260 3 CREDITS  
 Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150

3306005 A1 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

3306020 A2 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ENGL,  
 TCOMM

ANLYS POP CULTR TXT ENGL 275 3 CREDITS  
 Prereq: ENGL 250 OR EQUIVALENT

3305005 A TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

3305010 B TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

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 M 8:00-8:50  
 WF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS

3314010 2 MW 8:00-8:50  
 F 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS

3314015 3 M 9:00-9:50  
 WF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 IS LIKELY TO MEET IN A ROSS HALL

## ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS  
 COMPUTER ROOM ON MONDAYS  
 THIS SECTION IS RESTRICTED TO BUSINESS COLLEGE  
 JUNIORS & SENIORS

3314020 4 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 4 IS LIKELY TO MEET ALL DAYS IN  
 THE COMMUNICATIONS BLDG. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS.

3314025 5 M 10:00-10:50  
 WF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 5 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS

3314030 6 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 6 IS LIKELY TO MEET ALL DAYS IN  
 THE COMMUNICATIONS BLDG. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS.

3314035 7 WF 10:00-10:50  
 M 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 7 IS LIKELY TO MEET IN A DURHAM HALL  
 COMPUTER ROOM ON MONDAYS  
 RESTRICTED TO ACCT, BUSEP, ENTSP, FIN, MKT,  
 MGMT, MIS. P BUS, SCM TRANSFERS ONLY

3314040 8 MW 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 8 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS

3314045 9 MW 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 9 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS

3314660 XK ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
 Section XK is off campus  
 Course delivery is WWW

3314655 XL ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
 Section XL is off campus  
 Course delivery is WWW

3314650 XM ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
 Section XM is off campus  
 Course delivery is WWW

3314645 XN ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
 Section XN is off campus  
 Course delivery is WWW

3314640 XO ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
 Section XO is off campus  
 Course delivery is WWW

3314635 XP ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
 Section XP is off campus  
 Course delivery is WWW

3314630 XQ ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
 Section XQ is off campus  
 Course delivery is WWW

3314625 XR ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
 Section XR is off campus  
 Course delivery is WWW

3314620 XS ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SECTION XS FOR SENIORS ONLY  
 Section XS is off campus  
 Course delivery is WWW

3314615 XT ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SECTION XT FOR SENIORS ONLY  
 Section XT is off campus  
 Course delivery is WWW

3314610 XU ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SECTION XU FOR SENIORS ONLY  
 Section XU is off campus  
 Course delivery is WWW

3314605 XV ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SECTION XV FOR SENIORS ONLY  
 Section XV is off campus  
 Course delivery is WWW

3314600 XW ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SECTION XW FOR SENIORS ONLY  
 Section XW is off campus  
 Course delivery is WWW

3314050 10 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 10 IS LIKELY TO MEET ALL DAYS IN  
 THE COMMUNICATIONS BLDG. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS.

## ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS

3314055 11 MW 12:10-1:00  
 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 11 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS

3314060 12 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 12 IS LIKELY TO MEET ALL DAYS IN  
 THE COMMUNICATIONS BLDG. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS.

3314065 13 M 1:10-2:00  
 WF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 13 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS

3314070 14 MW 2:10-3:00  
 F 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 14 IS LIKELY TO MEET IN A DURHAM HALL  
 COMPUTER ROOM ON FRIDAYS

3314075 15 M 2:10-3:00  
 WF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 15 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS

3314080 16 MW 2:10-3:00  
 F 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 16 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS ONLY.

3314085 17 MW 3:10-4:00  
 F 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 17 IS LIKELY TO MEET IN A DURHAM HALL  
 COMPUTER ROOM ON FRIDAYS

3314090 18 MW 3:10-4:00  
 F 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 18 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS ONLY.

3314095 19 MW 4:10-5:00  
 F 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 19 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS

3314100 20 T 8:00-9:20  
 R 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 20 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS

3314105 21 T 8:00-9:20  
 R 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 21 IS LIKELY TO MEET BOTH DAYS IN  
 THE COMMUNICATIONS BUILDING. RESTRICTED TO  
 BUSINESS COLLEGE JUNIORS AND SENIORS.

3314110 22 T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 22 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS

3314115 23 T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 23 IS LIKELY TO MEET BOTH DAYS IN  
 THE COMMUNICATIONS BUILDING. RESTRICTED TO  
 BUSINESS COLLEGE JUNIORS AND SENIORS.

3314120 24 MW 1:10-2:00  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 24 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS

3314125 25 T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 25 IS LIKELY TO MEET IN A DURHAM HALL  
 COMPUTER ROOM ON TUESDAYS

3314130 26 T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 26 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON THURSDAYS

3314135 27 M 12:10-1:00  
 WF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 27 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS  
 RESTRICTED TO ACCT, BUSEP, ENTSP, FIN, MKT,  
 MGMT, MIS. P BUS, SCM TRANSFERS ONLY

3314140 28 T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 28 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON THURSDAYS

3314145 29 T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 29 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS ONLY.

3314150 30 M 3:10-4:00  
 WF 3:10-4:00  
 MEETS: AUG 20-DEC 14

## ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS  
 Note: SEC 30 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS  
 3314155 31 T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 31 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS  
 3314160 32 T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC 32 IS LIKELY TO MEET IN A DURHAM HALL  
 COMPUTER ROOM ON TUESDAYS  
 3314165 33 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC 33 IS LIKELY TO MEET ALL DAYS IN  
 THE COMMUNICATIONS BLDG. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS.  
 3314170 34 T 3:40-5:00  
 R 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 34 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS  
 3314185 35 T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 35 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS  
 3314021 36 M 9:00-9:50  
 WF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 36 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS  
 3314046 37 MF 3:10-4:00  
 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 37 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS  
 3314047 38 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 38 IS LIKELY TO MEET ALL DAYS IN  
 THE COMMUNICATIONS BLDG. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS.  
 3314022 39 MF 4:10-5:00  
 W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 39 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS.  
 3314048 40 MF 11:00-11:50  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 40 IS LIKELY TO MEET IN A DURHAM HALL  
 COMPUTER ROOM ON WEDNESDAYS  
 3314190 41 MF 8:00-8:50  
 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 41 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS  
 3314195 42 MF 9:00-9:50  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 42 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS  
 3314200 43 MF 12:10-1:00  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 43 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS ONLY.  
 3314205 44 MF 1:10-2:00  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 44 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS. RESTRICTED TO BUSINESS  
 COLLEGE JUNIORS AND SENIORS ONLY.  
 3314210 45 MF 10:00-10:50  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 45 IS RESTRICTED TO PBUS MAJORS ONLY  
 IS LIKELY TO MEET IN A ROSS HALL COMPUTER ROOM  
 ON WEDNESDAY  
 3314215 46 MW 9:00-9:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 46 IS LIKELY TO MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS

HONORS BUS COMMUNIC ENGL 302H 3 CREDITS  
 Prereq: ENGL 250, JR CLASSIFICATION. FOR UNIV  
 HONORS PROGRAM STUDENTS ONLY.  
 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 A M 9:00-9:50  
 WF 9:00-9:50  
 MEETS: AUG 20-DEC 14

## ENGLISH

(CONTINUED)

FREELANCE WRITG MAG ENGL 303 3 CREDITS  
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN  
 Note: CREDIT FOR EITHER JL MC 344 OR ENGL 303, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD JL MC AND ADVRT  
 DEGREE REQUIREMENTS  
 3315005 A TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

CREAT WRITING:FICTN ENGL 304 3 CREDITS  
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN  
 Note: COURSE NOT OPEN TO FRESHMEN  
 3316005 A TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 3316010 B MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

CREAT WRITING:NON-F ENGL 305 3 CREDITS  
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 3317005 A TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

CREAT WRITING: POET ENGL 306 3 CREDITS  
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 3318005 A TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

WRITE LIKE A WOMAN ENGL 308 3 CREDITS  
 Prereq: ENGL 250  
 Note: COURSE NOT OPEN TO FRESHMEN  
 8473005 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

PROPOS&RPRT WRITING ENGL 309 3 CREDITS  
 Prereq: ENGL 250, JUNIOR CLASSIFICATION  
 8089005 A1 M 9:00-9:50  
 WF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS. RESTRICTED TO ENGL, TCOMM  
 MAJORS ONLY.  
 8089010 A2 M 9:00-9:50  
 WF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS. RESTRICTED TO MAJORS  
 OTHER THAN ENGL, TCOMM.  
 8089020 B2 T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC B2 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS  
 8089025 C1 T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC C1 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS. RESTRICTED TO AGRON, ENSCA  
 ENSCS, ENV S, FSHNA, GLOBE, HORT MAJORS ONLY  
 8089030 C2 T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC C2 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS. RESTRICTED TO MAJORS  
 AGRON, ENSCA, ENSCS, ENV S, FSHNA, GLOBE, HORT  
 8089035 D1 MF 12:10-1:00  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC D1 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS. RESTRICTED TO ENGL, MM  
 TCOMM MAJORS ONLY.  
 8089040 D2 MF 12:10-1:00  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC D2 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAYS. RESTRICTED TO MAJORS  
 OTHER THAN ENGL, TCOMM.  
 8089045 E1 T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC E1 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS. RESTRICTED TO ENGL, TCOMM  
 MAJORS ONLY.  
 8089050 E2 T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC E2 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS. RESTRICTED TO MAJORS  
 OTHER THAN ENGL, TCOMM.  
 8089055 F1 M 8:00-8:50  
 WF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC F1 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS. RESTRICTED TO ENGL, TCOMM  
 MAJORS ONLY.  
 8089060 F2 M 8:00-8:50  
 WF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC F2 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS. RESTRICTED TO MAJORS  
 OTHER THAN ENGL, TCOMM.  
 8089065 G1 M 10:00-10:50  
 WF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC G1 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS. RESTRICTED TO ENGL, TCOMM

ENGLISH (CONTINUED)

PROPOSAL&RPRT WRITNG ENGL 309 3 CREDITS  
 MAJORS ONLY.  
 8089070 G2 M 10:00-10:50  
 WF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC G2 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS. RESTRICTED TO MAJORS  
 OTHER THAN ENGL, TCOMM.  
 8089075 J1 MF 1:10-2:00  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC J1 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAY. RESTRICTED TO ENGL, TCOMM  
 MAJORS ONLY.  
 8089080 J2 MF 1:10-2:00  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC J2 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON WEDNESDAY. RESTRICTED TO MAJORS  
 OTHER THAN ENGL, TCOMM.  
 8089605 XV ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Section XV is off campus  
 Course delivery is WWW  
 8089600 XW ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 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 RESTRICTED TO MAJORS OTHER THAN ENGL,  
 TCOMM, SP CM  
 8308005 A1 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 8308010 A2 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 8308015 B1 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 8308020 B2 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

BIOLOGICL COMMUNICA ENGL 312 3 CREDITS  
 Prereq: ENGL 250  
 6971005 A T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC A WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON THURSDAYS. RESTRICTED TO A ECL,  
 AGRON, AN S, BBMS, BCBO, BIOCH, BIOL, BIOLA, BIOPH,  
 BPM I, ENSCA, ENSCS, ENV S, FOR, GEN, GEN S, HORT,  
 INSCI, MICR, MICRO, PBPMI MAJORS ONLY.  
 6971010 B T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC B WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON THURSDAYS. RESTRICTED TO A ECL,  
 AGRON, AN S, BBMS, BCBO, BIOCH, BIOL, BIOLA, BIOPH,  
 BPM I, ENSCA, ENSCS, ENV S, FOR, GEN, GEN S, HORT,  
 INSCI, MICR, MICRO, PBPMI MAJORS ONLY.  
 6971015 C MW 9:00-9:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC C WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS. RESTRICTED TO THE FOLLOWING  
 MAJORS ANSPV, BIOL, BIOLA, BIOCH, GEN, GEN S, GENPV,  
 MICR, P MED, P VET MAJORS  
 6971020 D MW 9:00-9:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC D WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS. RESTRICTED TO A ECL,  
 AGRON, AN S, BBMS, BCBO, BIOCH, BIOL, BIOLA, BIOPH,  
 BPM I, ENSCA, ENSCS, ENV S, FOR, GEN, GEN S, HORT,  
 INSCI, MICR, MICRO, PBPMI MAJORS ONLY.

RHETORCL WEBSTE DSN ENGL 313 3 CREDITS  
 Prereq: ENGL 250  
 5597005 A1 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 5597015 A2 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,  
 TCOMM

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 8:00-8:50  
 F 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 WILL LIKELY MEET IN A DURHAM CENTER  
 COMPUTER ROOM ON FRIDAYS  
 3356010 2 MW 9:00-9:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON FRIDAYS  
 3356015 3 MW 4:10-5:00  
 F 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 WILL LIKELY MEET IN A ROSS HALL COMPUTER  
 ROOM ON FRIDAYS

ENGLISH (CONTINUED)

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS  
 3356020 4 MW 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 4 WILL LIKELY MEET IN A DURHAM CENTER  
 COMPUTER ROOM ON FRIDAYS  
 3356025 5 M 11:00-11:50  
 WF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 5 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS  
 3356030 6 MW 12:10-1:00  
 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 6 WILL LIKELY MEET IN A DURHAM CENTER  
 COMPUTER ROOM ON FRIDAYS  
 3356035 7 M 1:10-2:00  
 WF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 7 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS  
 3356040 8 MW 1:10-2:00  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 8 WILL LIKELY MEET IN A DURHAM HALL  
 COMPUTER ROOM ON FRIDAYS  
 3356045 9 M 2:10-3:00  
 WF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 9 WILL LIKELY MEET IN A ROSS HALL  
 LAB ON MONDAY  
 3356615 XT ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SECTION XT FOR JUNIORS AND SENIORS  
 Section XT is off campus  
 Course delivery is WWW  
 3356610 XU ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SECTION XU FOR JUNIORS AND SENIORS  
 Section XU is off campus  
 Course delivery is WWW  
 3356605 XV ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SECTION XV IS FOR SENIORS ONLY  
 Section XV is off campus  
 Course delivery is WWW  
 3356600 XW ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SECTION XW IS FOR SENIORS ONLY  
 Section XW is off campus  
 Course delivery is WWW  
 3356050 10 M 3:10-4:00  
 WF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 10 WILL LIKELY MEET IN A ROSS HALL  
 LAB ON MONDAY  
 3356055 11 M 4:10-5:00  
 WF 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 11 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON MONDAYS  
 3356060 12 T 8:00-9:20  
 R 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 12 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON THURSDAYS  
 3356065 13 T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 13 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON THURSDAYS  
 RESTRICTED TO I E, M E MAJORS ONLY  
 3356070 14 T 11:00-12:20  
 R 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 14 WILL LIKELY MEET IN A DURHAM CENTER  
 COMPUTER ROOM ON THURSDAYS  
 RESTRICTED TO CH E JUNIORS & SENIORS  
 3356075 15 T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 15 WILL LIKELY MEET IN A DURHAM CENTER  
 COMPUTER ROOM ON THURSDAYS  
 3356080 16 T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC 16 WILL LIKELY MEET IN A DURHAM CENTER  
 COMPUTER ROOM ON THURSDAYS  
 RESTRICTED TO CH E JUNIORS & SENIORS  
 3356085 17 T 3:40-5:00  
 R 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 17 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON THURSDAYS  
 3356090 18 T 8:00-9:20  
 R 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 18 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS  
 3356095 19 T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 19 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS

## ENGLISH (CONTINUED)

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS  
 3356100 20 T 2:10-3:30  
 R 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC 20 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON THURSDAYS  
 3356105 21 T 12:40-2:00  
 R 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 21 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS  
 3356110 22 T 3:40-5:00  
 R 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 22 WILL LIKELY MEET IN A ROSS HALL  
 COMPUTER ROOM ON TUESDAYS  
 3356115 23 F 2:10-3:00  
 MW 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 23 WILL LIKELY MEET IN A DURHAM CENTER  
 COMPUTER ROOM ON FRIDAYS  
 3356120 24 MW 5:10-6:30PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC 24 WILL MEET BOTH DAYS IN A DURHAM  
 CENTER COMPUTER ROOM  
 3356125 25 TR 5:10-6:30PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC 25 WILL MEET BOTH DAYS IN A DURHAM  
 CENTER COMPUTER ROOM  
 3356130 26 MF 8:00-8:50  
 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 26 WILL LIKELY MEET IN A DURHAM CENTER  
 COMPUTER ROOM ON WEDNESDAYS  
 3356135 27 MF 9:00-9:50  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 27 WILL MEET IN A DURHAM  
 CENTER COMPUTER ROOM  
 3356140 28 MW 3:10-4:00  
 F 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 28 WILL LIKELY MEET IN A DURHAM CENTER  
 COMPUTER ROOM ON FRIDAY

CRTV WRT:SCREENPLAY ENGL 315 3 CREDITS  
 Prereq: ENGL 250, NOT OPEN TO FRESHMEN  
 Note: COURSE NOT OPEN TO FRESHMEN  
 3320005 A MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

INTRO ESL MTHDS&MAT ENGL 318X 3 CREDITS  
 Prereq: ENGL 219 OR LING 219  
 8993005 A T 6:10-7:30PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14

STU LANGUAG&DIVRSTY ENGL 319X 3 CREDITS  
 Prereq: ENGL 250  
 Note: Meets U.S. diversity reqmt  
 9052005 A TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

INTR TCHG ESL LTRCY ENGL 324 3 CREDITS  
 Prereq: ENGL 219 OR LING 219  
 7207005 A TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

SCIENCE FICTION ENGL 330 3 CREDITS  
 Prereq: ENGL 250  
 3312005 A TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

VISUL CMM QNTV INFO ENGL 332 3 CREDITS  
 Prereq: STAT 101, STAT 104 OR STAT 226; ENGL 250  
 5820005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

STUDIES IN FILM ENGL 335 3 CREDITS  
 Prereq: ENGL 250  
 Note: FILM SHOWINGS MAY EXTEND SCHEDULED TIME  
 3322005 A M 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 3322010 B W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

LIT THRY&CRITICISM ENGL 339 3 CREDITS  
 Prereq: ENGL 260 & 3 ADDITIONAL CREDITS IN  
 LITERATURE  
 3361005 A1 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 3361010 A2 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN  
 ENGL, TCOMM

## ENGLISH (CONTINUED)

WOMEN & LIT TOPICS ENGL 345 3 CREDITS  
 Prereq: ENGL 250  
 Note: Meets U.S. diversity reqmt  
 3324005 A1 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A1 TOPIC: THE BRONTES. SEC A1 RESTRICTED  
 TO ENGL, TCOMM MAJORS ONLY.  
 3324010 A2 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A2 TOPIC: THE BRONTES. SEC A2 RESTRICTED  
 TO MAJORS OTHER THAN ENGL, TCOMM.

TOP US MLTICULT LIT ENGL 349 3 CREDITS  
 Prereq: ENGL 250  
 Note: Meets U.S. diversity reqmt  
 3328005 A1 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 3328010 A2 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

WLD LIT:ANCT-RENAIS ENGL 353 3 CREDITS  
 Prereq: ENGL 250  
 Note: Meets international perspectives reqmt  
 3329005 A1 M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 3329010 A2 M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN  
 ENGL, TCOMM

TCH RDNG OF YNG LIT ENGL 396 3 CREDITS  
 Prereq: ENGL 250  
 3350005 A1 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 3350010 A2 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO EL ED MAJORS ONLY

CR WRIT WKSHP:FICTN ENGL 404 3 CREDITS  
 Prereq: ENGL 304  
 3353005 A MW 3:40-5:00  
 MEETS: AUG 20-DEC 14

TECHNL,RHET,PRO CMM ENGL 411 3 CREDITS  
 Prereq: ENGL 310, ENGL 302, ENGL 309, ENGL 313,  
 OR ENGL 314; JUNIOR CLASSIFICATION  
 3020005 A TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

VISUL ASPCT BUS CMM ENGL 416 3 CREDITS  
 Prereq: ENGL 302, ENGL 309, OR ENGL 314; JUNIOR  
 CLASSIFICATION  
 9078005 A1 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 9078010 A2 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN  
 ENGL, TCOMM

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 WITH FULL  
 OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER  
 EDUCATION 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.  
 7786005 1 ARRANGED  
 MEETS: AUG 20-OCT 12  
 7786010 2 ARRANGED  
 MEETS: AUG 20-OCT 12  
 7786015 3 ARRANGED  
 MEETS: AUG 20-OCT 12  
 7786020 4 ARRANGED  
 MEETS: AUG 20-OCT 12  
 7786025 5 ARRANGED  
 MEETS: OCT 15-DEC 14  
 7786030 6 ARRANGED  
 MEETS: OCT 15-DEC 14  
 7786035 7 ARRANGED  
 MEETS: OCT 15-DEC 14  
 7786040 8 ARRANGED  
 MEETS: OCT 15-DEC 14

HIST OF ENGLISH LANG ENGL 420 3 CREDITS  
 Prereq: ENGL/LING 219, ENGL/LING 220  
 Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES  
 3360005 A MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14



## ENGLISH

(CONTINUED)

2ND LANG LRNG&TCHNG ENGL 425 3 CREDITS  
Prereq: ENGL/LING 219, JUNIOR CLASSIFICATION  
9321005 A MW 4:10-5:30  
MEETS: AUG 20-DEC 14

GRAMMATICAL ANALYSI ENGL 437 3 CREDITS  
Prereq: ENGL/LING 220; ENGL/LING 219 OR  
INTRODUCTORY COURSE IN LINGUISTICS; JUNIOR  
CLASSIFICATION  
Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES  
3359005 A TR 2:10-3:30  
MEETS: AUG 20-DEC 14

SEMINAR BRITISH LIT ENGL 440 3 CREDITS  
Prereq: COMPLETION OF 9 CREDITS OF SURVEYS;  
JUNIOR CLASSIFICATION  
Note: NOT OPEN TO FRESHMEN OR SOPHOMORES  
TOPIC: DICKENS  
9534005 A TR 9:30-10:50  
MEETS: AUG 20-DEC 14

SEMNR TECHNICAL COMM ENGL 477 3 CREDITS  
Prereq: ENGL 302 OR ENGL 309 OR ENGL 314  
8884005 A1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
8884010 A2 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

INTERN BUS, PRO COMM ENGL 487 1-3 CREDITS  
Prereq: JUNIOR CLASSIF; PERMISSN OF COORDINATOR;  
9 CR IN ENGL 302, ENGL 309, ENGL 313, ENGL 314, ENGL  
415 (PREFERRED), ENGL 416, OR ENGL 477.  
Note: Department permission required.  
9099005 A ARRANGED  
MEETS: AUG 20-DEC 14

IND STDY LITERATURE ENGL 490A VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE  
TO LITERATURE, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
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 APPROPRIATE  
TO LINGUISTICS, JR CLASSIFICATION, PERMISSION OF  
UNDERGRAD STUDIES COMMITTEE OR LINGUISTICS ADVISER  
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 APPROPRIATE  
TO RHETORIC, JR CLASSIFICATION, PERMISSION OF  
UNDERGRADUATE STUDIES COMMITTEE  
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 APPROPRIATE  
TO CRITICISM & THEORY OF LIT, JR CLASSIFICATION,  
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE  
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 APPROPRIATE  
TO INSTRUCTIONAL METHODS AND RESEARCH, JUNIOR  
CLASSIFICATION, PERMISSION OF UNDERGRAD STUDIES COMM  
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 APPROPRIATE  
TO CREATIVE WRITING, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
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 APPROPRIATE  
TO BUSINESS/TECHNICAL COMMUNICATION, JR CLASSIFICATN,  
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE  
APPLIED TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ENGLISH

(CONTINUED)

INDEP STUDY HONORS ENGL 490H VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE  
TO INDEP STUDY TOPIC CHOSEN, JUNIOR CLASSIFICATION,  
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE,  
MEMBERSHIP IN UNIV HONORS PROGRAM  
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 OTHER CREDITS IN  
ENGL BEYOND ENGL 250, PSYCH 333, ADMISSION TO TEACHER  
EDUCATION PROGRAM  
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
3379005 A TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

TCHNG MLT/MODL 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 A1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
3385010 A2 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
3385015 A3 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
3385020 A4 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

TEACHG ADV COMMUNIC ENGL 504 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
3388005 A TR 9:30-10:50  
MEETS: AUG 20-DEC 14

PRO COMMUNIC THEORY ENGL 506 3 CREDITS  
Prereq: ADMISSION TO ENGLISH DEPT GRADUATE  
DEGREE PROGRAM  
Note: COURSE RESTRICTED TO ENGL, TCOMM GRAD STUDENTS  
3390005 A TR 12:40-2:00  
MEETS: AUG 20-DEC 14

INTR CPRS&APPL LING ENGL 510 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND  
LINGUISTICS MAJORS  
5189005 A MW 2:10-3:30  
MEETS: AUG 20-DEC 14

INTR LINGUIST ANALY ENGL 511 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND  
LINGUISTICS MAJORS  
3395005 A TR 11:00-12:20  
MEETS: AUG 20-DEC 14

LANGU ASSESS PRACTM ENGL 513 3 CREDITS  
Prereq: ENGL 519  
8728005 A ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

COMPUTNL ANALY ENGL ENGL 520 3 CREDITS  
Prereq: ENGL/LING 510 AND ENGL/LING 511  
7580005 A TR 11:00-12:20  
MEETS: AUG 20-DEC 14

TCHG LIT & LIT CURR ENGL 521 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR  
6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
3404005 A R 6:10-9:00PM  
MEETS: AUG 20-DEC 14

LITRACY:NONNATV SPK ENGL 524 3 CREDITS  
Prereq: ENGL/LING 511 OR INTRODUCTORY COURSE IN  
LINGUISTICS  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND  
LINGUISTICS MAJORS  
2211005 A TR 2:10-3:30  
MEETS: AUG 20-DEC 14

TECNOL & ORAL LANGUA ENGL 530 3 CREDITS  
Prereq: ENGL 219 OR ENGL 511 OR EQUIVALENT  
4032005 A M 6:10-9:00PM  
MEETS: AUG 20-DEC 14

BRITISH LIT TO 1830 ENGL 533 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR  
6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE  
2243005 A TR 4:30-5:50  
MEETS: AUG 20-DEC 14  
Note: SEC A TOPIC: CHAUCER'S MAJOR WORKS CONSIDERED  
IN HIS OWN TIME & TODAY

ENGLISH (CONTINUED)

AMER LIT SINCE 1865 ENGL 534 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR  
6 CREDITS IN LITERATURE AT 300 LEVEL OR ABOVE  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
3248005 A T 6:10-9:00PM  
MEETS: AUG 20-DEC 14

CRTV WRIT:CRAFT&PRO ENGL 550 3 CREDITS  
Prereq: ADMISSION INTO MFA PROGRAM IN CREATIVE  
WRITING AND ENVIRONMENT  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
8354005 A W 6:10-9:00PM  
MEETS: AUG 20-DEC 14

MASTER WORKSHOP ENGL 551 3 CREDITS  
Prereq: FIFTH-SEMESTER OR EQUIVALENT STANDING  
IN THE CREATIVE WRITING AND ENVIRONMENT MFA PROGRAM  
8367005 A W 3:10-6:00PM  
MEETS: AUG 20-DEC 14

WKSHP:SCRIPTWRITING ENGL 552X 3 CREDITS  
Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE  
CREATIVE WRITING AND ENVIRONMENT PROGRAM  
9084005 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14

NONFICTION WORKSHOP ENGL 555 VAR. CREDITS  
Prereq: ENGL 550 AND GRADUATE ADMISSION INTO THE  
CREATIVE WRITING AND ENVIRONMENT PROGRAM  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
2244005 A M 6:10-9:00PM  
MEETS: AUG 20-DEC 14  
Note: SEC A RESTRICTED TO GRADUATE ENGLISH MAJORS  
2244010 B M 6:10-9:00PM  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

ENVIRON FIELD EXPER ENGL 560 3 CREDITS  
Prereq: ENGL 550, GRAD CLASSIFICATION. OPEN TO  
GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND  
ENVIRONMENT WITH PERMISSION OF INSTRUCTOR.  
8229005 A ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

INTERN BUS,PRO COMM ENGL 587 1- 3 CREDITS  
Prereq: ENGL 507 PLUS 3 ADDL GRAD CR IN BUSINESS  
& TECHNICAL WRITING OR COMPOSITION & RHETORIC,  
INSTRUCTOR PERMISSION. LIMITED TO MASTER'S & DOCTORAL  
CANDIDATES IN FIELD OF RHETORIC AND PRO COMMUNICATION  
Note: Instructor permission required.  
3425005 A ARRANGED  
MEETS: AUG 20-DEC 14

PRA TCH ENG 2ND LNG ENGL 588 3 CREDITS  
Prereq: 9 CREDITS TOWARD TESL/TEFL CERTIFICATE,  
15 CREDITS TOWARD TESL/AL MASTER'S DEGREE, OR  
18 CR COMPLETED TOWARD THE ESL ENDORSEMENT OPTION  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND  
LINGUISTICS MAJORS. NOT TO BE TAKEN SAME TERM AS  
STUDENT TEACHING.  
3426005 A ARRANGED  
MEETS: AUG 20-DEC 14

SUPV PRACT LIT EDIT ENGL 589 1- 3 CREDITS  
Prereq: ENGL 550 AND PERMISSION OF INSTRUCTOR  
7611005 A ARRANGED  
MEETS: AUG 20-DEC 14  
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

ENGLISH (CONTINUED)

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

CORE STUDI:RHETORIC ENGL 592A 3 CREDITS  
Prereq: 12 CREDITS IN RHETORIC, LINGUISTICS, OR  
LITERATURE, EXCLUDING ENGL 150 AND ENGL 250  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
2277005 A W 3:10-6:00PM  
MEETS: AUG 20-DEC 14

CORE STU:PRO CMUNIC ENGL 592C 3 CREDITS  
Prereq: 12 CREDITS IN RHETORIC, LINGUISTICS, OR  
LITERATURE, EXCLUDING ENGL 150 AND ENGL 250  
2708005 A TR 11:00-12:40  
MEETS: AUG 20-DEC 14  
Note: SEC A RESTRICTED TO ACCT GRADUATE MAJORS  
2708010 B TR 1:40-3:20  
MEETS: AUG 20-DEC 14

CREATIVE COMPONENT ENGL 599 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
MAJOR PROFESSOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SMNR COMPOSI THEORY ENGL 603 3 CREDITS  
Prereq: ENGL 503  
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
2203005 A T 3:10-6:00PM  
MEETS: AUG 20-DEC 14

SMNR APPLD LINGUIST ENGL 630 3 CREDITS  
Prereq: ENGL/LING 510, ENGL/LING 511  
Note: COURSE RESTRICTED TO ENGL, TCOMM GRAD STUDENTS  
4758005 A W 5:10-8:00PM  
MEETS: AUG 20-DEC 14  
Note: SEC A TOPIC: CORPUS LINGUISTICS & LANGUAGE  
TEACHING  
4758010 B TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: SEC B TOPIC: VALIDATION OF LANGUAGE ASSESSMENTS

PRACTCM TEC &LINGUI ENGL 688 3 CREDITS  
Prereq: ENGL/LING 510, ENGL/LING 626, OR EQUIV;  
AT LEAST 2ND YEAR PH.D. STUDENT IN APPLIED  
LINGUISTICS AND TECHNOLOGY  
7633005 A ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

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 A ARRANGED  
MEETS: AUG 20-SEPT 21  
Note: Course delivery is WWW

INSECTS AND SOCIETY ENT 211 2 CREDITS  
Prereq: ENT 201  
3441005 A ARRANGED  
MEETS: SEPT 24-DEC 14  
Note: Course delivery is WWW

INSECT FORENSIC SCI ENT 214 3 CREDITS  
6400005 A ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Course delivery is WWW

INSECT BIOLOGY ENT 370 3 CREDITS  
Prereq: BIOL 101 OR BIOL 211  
3443005 A TR 11:00-11:50  
W 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.ent.iastate.edu/courses>  
Syllabus: <http://www.ent.iastate.edu/dept/courses/ent370/>

3443010 B TR 11:00-11:50  
W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
Section info: <http://www.ent.iastate.edu/courses>  
Syllabus: <http://www.ent.iastate.edu/dept/courses/ent370/>

3443015 C TR 11:00-11:50  
R 12:10-3:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.ent.iastate.edu/courses>  
Syllabus: <http://www.ent.iastate.edu/dept/courses/ent370/>

## ENTOMOLOGY

(CONTINUED)

INSECT ECOLOGY ENT 471 3 CREDITS  
Prereq: 9 CREDITS IN BIOLOGICAL SCIENCES  
5498005 A MW 1:10-2:00  
F 10:00-1:00  
MEETS: AUG 20-DEC 14

IND STU RESRCH/WORK ENT 490E 1- 3 CREDITS  
Prereq: 15 CR IN BIOL SCI, JR OR SR CLASSIF  
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: 15 CREDITS IN BIOLOGICAL SCIENCES, JUNIOR  
OR SENIOR CLASSIFICATION. FOR STUDENTS REGISTERING TO  
BE UNDERGRADUATE LABORATORY ASSISTANTS.  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED  
TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INSECT ECOLOGY ENT 571 3 CREDITS  
Prereq: 9 CR BIOLOGICAL SCIENCES  
3466005 A MW 1:10-2:00  
F 10:00-1:00  
MEETS: AUG 20-DEC 14

SYSTEMATIC ENTOMOLG ENT 576 5 CREDITS  
Prereq: ENT 370  
3457005 A MWF 9:00-9:50  
T 12:10-3:00  
R 9:10-11:50  
MEETS: AUG 20-DEC 14

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 TOP PHYSL&BIOCH ENT 590H 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

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 A M 4:10-5:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.ent.iastate.edu/courses>

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

## ENTREPRENEURSHIP

APP ENTREPRENEURSHP ENTSP 480 3 CREDITS  
Prereq: MGMT 310; MGMT 313 OR MGMT 320  
Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS  
STUDENTS SOPHOMORE AND ABOVE. NOT OPEN TO P BUS.  
7285005 A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

## ENVIRONMENTAL SCIENCE

ORIENT ENVIRNMT SCI ENSCI 110 1 CREDIT  
Prereq: FRESHMAN CLASSIFICATION IN ENSCI  
Note: COURSE RESTRICTED TO ENSCA, ENSCS FRESHMEN ONLY  
Satisfactory-Fail Only.  
6098005 1 R 2:10-3:00  
MEETS: AUG 20-DEC 14

INTRO ENVIRNMT ISSU ENSCI 201 2 CREDITS  
6111005 1A TR 8:00-9:20, ARRANGED  
MEETS: OCT 15-DEC 14  
Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
6111010 1B TR 8:00-9:20, ARRANGED  
MEETS: OCT 15-DEC 14  
6111015 1C TR 8:00-9:20, ARRANGED  
MEETS: OCT 15-DEC 14  
Note: SEC 1C RESTRICTED TO AG X, ENV S, OPEN MAJORS

EXPLOR ENVIR ISSUES ENSCI 202 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN ENSCI 201  
Note: COURSE RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
Satisfactory-Fail Only.  
9224005 R 12:40-2:00  
MEETS: AUG 20-DEC 14

ENVIRONMTL GEOGRPHY ENSCI 250 3 CREDITS  
6127005 1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
6127010 2 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 2 RESTRICTED TO A ECL, AG X, AGRON,  
BIOL, BIOLA, ENV S, FOR, GEOL, MTEOR, OPEN MAJORS

GEOSPATIAL TECHNOLG ENSCI 270X 3 CREDITS  
8735005 TR 3:40-4:30, ARRANGED  
MEETS: AUG 20-DEC 14

FOREST ECOLGY&SOILS ENSCI 301 4 CREDITS  
Prereq: BIOL 211, 201L; FOR 201 OR A 2ND COURSE  
IN BIOLOGY  
4973005 A TR 8:00-9:20  
T 3:10-6:00PM  
MEETS: AUG 20-DEC 14

ECOLOGY ENSCI 312 4 CREDITS  
Prereq: BIOL 211L AND BIOL 212L  
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.  
4996003 A TR 8:00-9:15  
MEETS: AUG 20-DEC 14  
4996004 B TR 8:00-9:15 RUSSELL A  
MEETS: AUG 20-DEC 14  
Note: SEC B IS TEAM BASED LEARNING  
4996005 1 M 8:00-10:50  
MEETS: AUG 20-DEC 14  
4996010 2 M 9:00-11:50  
MEETS: AUG 20-DEC 14  
4996015 3 M 11:00-2:00  
MEETS: AUG 20-DEC 14  
4996020 4 M 12:10-3:00  
MEETS: AUG 20-DEC 14  
4996025 5 M 2:10-5:00  
MEETS: AUG 20-DEC 14  
4996030 6 M 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
4996040 7 T 10:00-1:00  
MEETS: AUG 20-DEC 14  
4996045 8 T 12:10-3:00  
MEETS: AUG 20-DEC 14  
4996050 9 T 1:10-4:00  
MEETS: AUG 20-DEC 14  
4996055 10 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
4996060 11 W 8:00-11:50  
MEETS: AUG 20-DEC 14  
4996065 12 W 9:00-12:50  
MEETS: AUG 20-DEC 14  
4996070 13 W 11:00-2:00  
MEETS: AUG 20-DEC 14  
4996075 14 W 12:10-3:00  
MEETS: AUG 20-DEC 14  
4996080 15 W 2:10-5:00  
MEETS: AUG 20-DEC 14  
4996085 16 W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
4996090 17 R 10:00-12:50  
MEETS: AUG 20-DEC 14  
4996095 18 R 12:10-3:00  
MEETS: AUG 20-DEC 14

## ENVIRONMENTAL SCIENCE (CONTINUED)

ECOLOGY ENSCI 312 4 CREDITS  
 4996100 19 R 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 4996105 20 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

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 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.  
 4002010 2 ARRANGED  
 MEETS: AUG 20-DEC 14

INTRO ENVIRNMTL SYS ENSCI 381 3- 4 CREDITS  
 Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING  
 BIOLOGY AND CHEMISTRY  
 Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018.  
 SECT 1A,2A,ETC. RESTRICTED TO ENSCA, ENSCS  
 MAJORS ONLY. SEC 1B,2B,ETC. RESTRICTED TO MAJORS  
 OTHER THAN ENSCA ENSCS.  
 3293005 1A ARRANGED  
 TR 11:00-1:00  
 MEETS: AUG 20-DEC 14  
 3293010 1B ARRANGED  
 TR 11:00-1:00  
 MEETS: AUG 20-DEC 14  
 3293015 2A ARRANGED, TR 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 3293020 2B ARRANGED, TR 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 3293025 3A ARRANGED, TR 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 3293030 3B ARRANGED, TR 3:10-5:00  
 MEETS: AUG 20-DEC 14

INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS  
 Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPRENTICESHIP ENSCI 391 VAR. CREDITS  
 Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR  
 Note: Permission of coordinator required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WATERSHED HYDROLOGY ENSCI 402 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
 SCIENCES OR ENGINEERING; JUNIOR STANDING  
 3164005 1 MW 11:00-11:50 FRANZ K  
 R 3:10-6:00PM FRANZ K  
 MEETS: AUG 20-DEC 14

GLOBAL CHANGE ENSCI 404 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
 SCIENCES OR ENGINEERING, JUNIOR STANDING  
 3386600 XW ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

HYDROGEOLOGY ENSCI 411 4 CREDITS  
 Prereq: FOUR COURSES IN BIOLOGICAL OR PHYSICAL  
 SCIENCES  
 5014005 A MWF 9:00-9:50 SIMPKINS W  
 R 1:10-3:00  
 MEETS: AUG 20-DEC 14

MICROPALAEONTOLOGY ENSCI 412X 3 CREDITS  
 Prereq: GEOL 102, GEOL 102L  
 8733005 MW 1:10-2:00  
 MW 2:10-3:00  
 MEETS: AUG 20-DEC 14

ENVIRONMT ENGR CHEM ENSCI 420 3 CREDITS  
 Prereq: C E 326, CHEM 178  
 9475005 1 WF 11:00-11:50  
 R 12:40-3:30  
 MEETS: AUG 20-DEC 14

GIS&GPS NAT RESOURC ENSCI 446 3 CREDITS  
 Prereq: 12 CR IN STUDENT'S MAJOR AT 300 LEVEL  
 OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH  
 ARCGIS  
 3033005 1 TR 8:00-8:50  
 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 3033010 2 TR 8:00-8:50  
 W 11:00-2:00  
 MEETS: AUG 20-DEC 14

GIS FOR GEOSCIENTST ENSCI 452 3 CREDITS  
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT  
 3093005 MW 3:10-4:00 HARDING C  
 MW 4:10-5:00  
 MEETS: AUG 20-DEC 14

## ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIR SOIL&WTR CHEM ENSCI 459 4 CREDITS  
 Prereq: TWO SEMESTERS COLLEGE-LEVEL CHEMISTRY,  
 MATH 140, AGRON 182 (OR EQUIVALENT) OR AGRON 360.  
 GEOL 100 AND AGRON 354 ARE RECOMMENDED.  
 5017005 1 MWF 11:00-11:50  
 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

SURFICIAL PROCESSES ENSCI 479 3 CREDITS  
 Prereq: GEOL 100 OR GEOL 201 OR EQUIVALENT  
 EXPERIENCE  
 5026005 1 MW 10:00-10:50 IVERSON N  
 F 12:10-3:00  
 MEETS: AUG 20-DEC 14

ENGR ANALY BIOL SYS ENSCI 480 3 CREDITS  
 Prereq: BSE 216; MATH 266; BIOL 211 OR BIOL 212;  
 M E 231  
 7086005 MW 8:00-8:50  
 F 8:00-9:50  
 MEETS: AUG 20-DEC 14

AQUATIC ECOLOGY ENSCI 486 3 CREDITS  
 Prereq: BIOL 312 OR ENSCI 381 OR ENSCI 402 OR  
 NREM 301  
 5000005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

AQUATIC ECOLOGY LAB ENSCI 486L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN ENSCI 486  
 5012005 1 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 5012010 2 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

MICROBIAL ECOLOGY ENSCI 487 3 CREDITS  
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
 3512005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY ENSCI 490 VAR. CREDITS  
 Prereq: INSTRUCTOR PERMISSION, APPROVAL OF  
 ENVIRONMENTAL SCIENCE COORDINATOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY ENSCI 490H VAR. CREDITS  
 Prereq: INSTRUCTOR PERMISSION, APPROVAL OF  
 ENVIRONMENTAL SCIENCE COORDINATOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN ENSCI 498 R CREDIT  
 Prereq: PERMISSION OF ENSCI COORDINATOR  
 6276005 ARRANGED  
 MEETS: AUG 20-DEC 14

WATERSHED HYDROLOGY ENSCI 502 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
 SCIENCES OR ENGINEERING; JUNIOR STANDING  
 4409005 MW 11:00-11:50  
 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

HYDROGEOLOGY ENSCI 511 4 CREDITS  
 Prereq: FOUR COURSES IN BIOLOGICAL OR PHYSICAL  
 SCIENCES  
 3129005 A MWF 9:00-9:50 SIMPKINS W  
 R 1:10-3:00 SIMPKINS W  
 MEETS: AUG 20-DEC 14

ENVIRONMT ENGR CHEM ENSCI 520 3 CREDITS  
 Prereq: CHEM 177, CHEM 178, MATH 166  
 4511005 1 WF 11:00-11:50  
 R 12:40-3:30  
 MEETS: AUG 20-DEC 14

ENVIRON BIOTECHNOLG ENSCI 521 3 CREDITS  
 Prereq: C E 326  
 4516005 1 T 9:00-10:50  
 R 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://www.public.iastate.edu/~tge/courses/ce521/homepage.html>

SOIL&WTR CONSERV SY ENSCI 531 3 CREDITS  
 Prereq: E M 378 OR CH E 356  
 4641005 MW 11:00-11:50  
 T 3:10-5:00  
 MEETS: AUG 20-DEC 14

INTEGRATING GIS&GPS ENSCI 546 3 CREDITS  
 Prereq: 12 CR IN STUDENT MAJOR AT 300 LEVEL OR  
 ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS  
 4698005 1 TR 8:00-8:50  
 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 4698010 2 TR 8:00-8:50  
 W 11:00-2:00  
 MEETS: AUG 20-DEC 14

ENVIRONMENTAL SCIENCE (CONTINUED)

GIS FOR GEOSCIENTST ENSCI 552 3 CREDITS  
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT  
 3217005 MW 3:10-4:00 HARDING C  
 MW 4:10-5:00  
 F 3:10-5:00  
 MEETS: AUG 20-DEC 14

ENVIR SOIL&WTR CHEM ENSCI 559 4 CREDITS  
 Prereq: AGRON 354 OR ENSCI 360; CHEM 178; MATH 140. CHEM 211 OR CHEM 231 RECOMMENDED  
 7367010 1 MWF 11:00-11:50  
 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

MODELI AQUATC ENVIR ENSCI 572 3 CREDITS  
 Prereq: C E 372  
 4572005 1 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

GRNDWATER HYDROLOGY ENSCI 573 3 CREDITS  
 Prereq: C E 372  
 4573005 1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

SOIL FORM&TRANSFORM ENSCI 575 3 CREDITS  
 Prereq: AGRON 463 OR EQUIVALENT  
 3465005 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

SURFICIAL PROCESSES ENSCI 579 3 CREDITS  
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT  
 3226005 1 MW 10:00-10:50 IVERSON N  
 F 12:10-3:00  
 MEETS: AUG 20-DEC 14

INTRO ENVIRN SYSTMS ENSCI 581 3 CREDITS  
 Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY  
 2735005 TR 3:10-5:00  
 MEETS: AUG 20-DEC 14

AQUATIC ECOLOGY ENSCI 586 3 CREDITS  
 Prereq: ENSCI 301 OR ENSCI 312 OR ENSCI 381 OR ENSCI 402  
 5644005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

AQUATIC ECOLOGY LAB ENSCI 586L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN ENSCI 586  
 5663005 1 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 5663010 2 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

MICROBIAL ECOLOGY ENSCI 587 3 CREDITS  
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
 7352005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

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 A MWF 10:00-10:50 DAWSON J  
 MEETS: AUG 20-DEC 14  
 3418600 XW ARRANGED ANKERSTJERNE S  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

INTRO OCEANOGRAPHY ENV S 108 3 CREDITS  
 3044005 TR 2:10-3:25 WANAMAKER A  
 MEETS: AUG 20-DEC 14

GEOLOGICL DISASTERS ENV S 111 1 CREDIT  
 9170600 XW ARRANGED ANKERSTJERNE S  
 MEETS: OCT 15-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

INTR RENEW RESOURCS ENV S 120 3 CREDITS  
 5141005 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

INTRO ENVIRNMT ISSU ENV S 201 2 CREDITS  
 2282005 1A TR 8:00-9:20, ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
 2282010 1B TR 8:00-9:20, ARRANGED  
 MEETS: OCT 15-DEC 14  
 2282015 1C TR 8:00-9:20, ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 1C RESTRICTED TO AG X, ENV S, OPEN MAJORS

ENVIRONMENTAL STUDIES (CONTINUED)

GLOBAL SUSTAINABLY ENV S 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  
 3862600 XW ARRANGED HALLAM A  
 MEETS: SEPT 3-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

ENVIRONMNTL GEOGRPHY ENV S 250 3 CREDITS  
 6155005 1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO ENSCA, ENSCS MAJORS ONLY  
 6155010 2 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO A ECL, AG X, AGRON, BIOL, BIOLA, ENV S, FOR, GEOL, MTEOR, OPEN MAJORS

FND NAT R PLCY&HIST ENV S 270 3 CREDITS  
 3572005 ARRANGED  
 MEETS: AUG 20-DEC 14

ENVIRONMNTL PLANNING ENV S 293 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 7576005 TR 12:40-2:00 HAMIDEH S  
 MEETS: AUG 20-DEC 14

ECOFEMINISM ENV S 320 3 CREDITS  
 Prereq: W S 201 OR 3 CREDITS IN WOMEN'S STUDIES AT THE 300 LEVEL OR ABOVE  
 2865005 W 3:10-5:40  
 MEETS: AUG 20-DEC 14

ENVIRONMNTAL ETHICS ENV S 334 3 CREDITS  
 Prereq: THREE CREDITS IN PHIL OR JR CLASSIFICATN  
 5142005 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

WORLD FOOD ISSUES ENV S 342 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Meets international perspectives reqmt  
 1733005 1 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO AGRON, CS A, CS H, DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA, PDEXH MAJORS ONLY  
 1733010 2 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 1733015 3 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 1733020 4 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

POPULATION & SOCIETY ENV S 345 3 CREDITS  
 Prereq: SOC 130 OR SOC 134  
 Note: Meets international perspectives reqmt  
 3462005 A MWF 1:10-2:00 MAZUR R  
 MEETS: AUG 20-DEC 14  
 3462010 B TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

GLOBAL ENVIRON HIST ENV S 362 3 CREDITS  
 Prereq: HIST 201 OR HIST 202 OR HIST 207 OR 3 CREDITS OF ENV S; SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 2245005 TR 12:40-2:00 LOW M  
 MEETS: AUG 20-DEC 14

INTRO ENVIRNMTL SYS ENV S 381 3- 4 CREDITS  
 Prereq: 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY  
 Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018. SEC 1A,2A,ETC. RESTRICTED TO ENSCA, ENSCS MAJORS ONLY. SEC 1B,2B,ETC. RESTRICTED TO MAJORS OTHER THAN ENSCA, ENSCS.  
 2312005 1A ARRANGED  
 TR 11:00-1:00  
 MEETS: AUG 20-DEC 14  
 2312010 1B ARRANGED  
 TR 11:00-1:00  
 MEETS: AUG 20-DEC 14  
 2312015 2A ARRANGED, TR 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 2312020 2B ARRANGED, TR 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 2312025 3A ARRANGED, TR 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 2312030 3B ARRANGED, TR 3:10-5:00  
 MEETS: AUG 20-DEC 14

ENVIRONMENTL SOCIOL ENV S 382 3 CREDITS  
 Prereq: SOC 130, SOC 134, OR 3 CREDITS OF ENV S  
 7579005 A TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

## ENVIRONMENTAL STUDIES (CONTINUED)

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS  
Prereq: APPROVAL OF THE ENV S COORDINATOR  
Satisfactory-Fail Only  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENV S 404 3 CREDITS  
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
SCIENCES OR ENGINEERING; JUNIOR STANDING  
8673600 XW ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

ISSUES SUSTAIN AGRI ENV S 450 3 CREDITS  
9429005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
9429010 2 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN AGRON  
9429015 3 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

CONTRV NAT RSRC MGT ENV S 460 3 CREDITS  
Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND  
JUNIOR CLASSIFICATION  
2880010 B MW 1:10-2:30  
MEETS: AUG 20-DEC 14  
2880015 C MW 4:10-5:30  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY ENV S 490 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF  
ENV S COORDINATOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## EVENT MANAGEMENT

DIGTL PRODCTN EVENT EVENT 212X 3 CREDITS  
Prereq: CLASSIFICATION IN THE EVENT MGT MAJOR  
7587005 1 T 9:00-11:50, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO EVENT MAJORS ONLY  
7587010 2 R 9:00-11:50, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 2 RESTRICTED TO EVENT MAJORS ONLY

INTRO EVENT MANAGMT EVENT 271 3 CREDITS  
6726005 1A TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY  
6726010 1B TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1B RESTRICTED TO HSP M, A M D MAJORS  
6726015 1C TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1C FOR MAJORS OTHER THAN A M D, EVENT,  
HSP M

INTRO DIGITAL PROMO EVENT 277X 3 CREDITS  
Prereq: EVENT 271  
7588005 1 TR 3:40-5:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO EVENT MAJORS ONLY  
7588010 2 TR 3:40-5:00  
MEETS: AUG 20-DEC 14  
Note: SEC 2 RESTRICTED TO A M D, HSP M MAJORS ONLY

CONTRMPRARY CLUB MGT EVENT 289 3 CREDITS  
Prereq: HSP M 101  
1429005 1A MWF 3:10-4:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO HSP M MAJORS ONLY  
1429010 1B MWF 3:10-4:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1B RESTRICTED TO EVENT MAJORS ONLY

INCENTV MEETING MGT EVENT 328 3 CREDITS  
Prereq: EVENT 271, CLASSIFICATION AS AN  
EVENT MANAGEMENT MAJOR  
5435005 MWF 8:00-8:50  
MEETS: AUG 20-DEC 14

ENTERTNMT VENUE MGT EVENT 333 3 CREDITS  
Prereq: EVENT 271 OR EQUIVALENT  
Note: COURSE RESTRICTED TO EVENT, HSP M MAJORS  
9397005 W 5:10-8:00PM  
MEETS: AUG 20-DEC 14

EVENT SALES EVENT 367X 3 CREDITS  
Prereq: EVENT 271, AESHM 340  
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY  
7589005 1 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

## EVENT MANAGEMENT (CONTINUED)

CONFRNC&MTG PLANNNG EVENT 371 3 CREDITS  
Prereq: EVENT 271 AND JUNIOR STANDING  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
1350005 1A MWF 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY  
1350010 1B MWF 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1B RESTRICTED TO A M D, HSP M MAJORS  
1350015 1C MWF 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1C RESTRICTED TO MAJORS OTHER THAN  
A M D, EVENT, HSP M

WEDDING PLANNNG &MGT EVENT 373 3 CREDITS  
Prereq: EVENT 371, EVENT MANAGEMENT MAJOR  
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY  
8128005 1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

NONPROFT FNDRAIS EV EVENT 379 3 CREDITS  
Prereq: EVENT 271, PERMISSION OF INSTRUCTOR  
5508005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

SPECIAL EVENTS COORD EVENT 471 3 CREDITS  
Prereq: EVENT 371; JUNIOR STANDING; PERMISSION  
OF INSTRUCTOR  
6904005 1A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY  
6904010 1B MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

EVENT MGT PRODUCTN EVENT 485X 3 CREDITS  
Prereq: EVENT 471; CLASSIFICATION AS AN EVENT  
MANAGEMENT MAJOR; APPLICATION AND INSTRUCTOR PERMISSN  
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY  
7591005 1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

INDEP STDY CONFERNCE 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

## EXCHANGE PROGRAM

EXCH SEOULNATU(SNU) EXPRO 3030 VAR. CREDITS  
Note: Department permission required.  
9701005 ARRANGED  
MEETS: AUG 20-DEC 14

## FAMILY&amp;CONSUMER SCIENCES ED&amp;STUDIES

PRO ROLES FAMILY SCI FCEDS 206 2 CREDITS  
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
HD FS 103  
3974005 A MW 10:00-10:50 ANDERSON T  
ARRANGED ANDERSON T  
MEETS: AUG 20-DEC 14  
Note: CLASS MEETS MONDAYS AND ALTERNATE WEDNESDAYS.  
SEE SYLLABUS FOR DETAILS.

EDU PRIN FAMILY SCI FCEDS 306 4 CREDITS  
Prereq: 15 CREDITS IN FAMILY AND CONSUMER  
SCIENCES SUBJECT MATTER  
3982005 T 3:10-5:00 ANDERSON T  
R 3:10-5:00, ARRANGED ANDERSON T  
MEETS: AUG 20-DEC 14

SUPR TCHG VOC FAMLY FCEDS 417A 3- 8 CREDITS  
Prereq: FCEDS 413, 24 CR IN FAMILY & CONSUMER  
SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO  
TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED  
Note: RESTRICTED TO STUDENTS WITH ADMISSION TO  
THE UNIVERSITY TEACHER EDUCATION PROGRAM  
3987005 ARRANGED ANDERSON T  
MEETS: AUG 20-DEC 14

FAMILY&CONSUMER SCIENCES ED&STUDIES (CONTINUED)

SUPV TCHG FAMLY SCI FCEDS 417B 3- 8 CREDITS  
 Prereq: FCEDS 413, 24 CR IN FAMILY & CONSUMER  
 SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO  
 TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED  
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO  
 THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 3988005 ARRANGED ANDERSON T  
 MEETS: AUG 20-DEC 14

PRE-TCHG PRCTCM:LAB FCEDS 480A 1 CREDIT  
 Prereq: FCEDS 306, ADMISSION TO TEACHER EDUCATION  
 Satisfactory-Fail Only.  
 9460005 ARRANGED ANDERSON T  
 MEETS: AUG 20-DEC 14

PRE-TCHG PRA:DV SET FCEDS 480B 1 CREDIT  
 Prereq: FCEDS 306, ADMISSION TO TEACHER EDUCATION  
 Satisfactory-Fail Only.  
 9484005 ARRANGED ANDERSON T  
 MEETS: AUG 20-DEC 14

INDEP STUDY GENERAL FCEDS 490G VAR. CREDITS  
 Prereq: DEPARTMENTAL APPROVAL  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPV EXPRNC COMMUNC FCEDS 491A 3- 8 CREDITS  
 Prereq: HD FS 449; 24 CREDITS IN FAMILY AND  
 CONSUMER SCIENCES; RESERVATION REQUIRED  
 Satisfactory-Fail Only.  
 2261005 ARRANGED ANDERSON T  
 MEETS: AUG 20-DEC 14

SUPV EXPRNC PRO STU FCEDS 491B 3- 8 CREDITS  
 Prereq: HD FS 418B; 24 CREDITS IN FAMILY AND  
 CONSUMER SCIENCES; RESERVATION REQUIRED  
 Satisfactory-Fail Only.  
 2272005 ARRANGED ANDERSON T  
 MEETS: AUG 20-DEC 14

**FAMILY FINANCIAL PLANNING**

ESTATE PLAN FAMILIE FFP 540 3 CREDITS  
 8212600 XG ARRANGED  
 MEETS: AUG 27-DEC 14  
 Note: THIS COURSE IS RESTRICTED TO GPIDEA STUDENTS  
 ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
 JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
 THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
 Department permission required.  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

PERSONAL INCOME TAX FFP 565 3 CREDITS  
 8203600 XG ARRANGED  
 MEETS: AUG 20-DEC 6  
 Note: THIS COURSE IS RESTRICTED TO GPIDEA STUDENTS  
 ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
 JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
 THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

INVESTG&FAMLY FUTUR FFP 583 3 CREDITS  
 Prereq: HD FS 483  
 8208605 XF ARRANGED FOX J  
 MEETS: AUG 20-DEC 14  
 Note: THIS COURSE IS RESTRICTED TO GPIDEA STUDENTS  
 ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
 JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
 THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
 Tuition Category: GPIDEA Consortium  
 Section XF is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

8208610 XH ARRANGED FOX J  
 MEETS: AUG 20-DEC 14  
 Note: Tuition Category: GPIDEA Consortium  
 Section XH is off campus  
 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  
 8218600 XG ARRANGED  
 MEETS: AUG 27-DEC 14  
 Note: THIS COURSE IS RESTRICTED TO GPIDEA STUDENTS  
 ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
 JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
 THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 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 A-L AND N RESTRICTED TO ACCT, AG B,  
 AN S, BUS S, BUS U, BUSEC, DY S, FIN, MGMT, MIS, MKT,  
 SCM UNDERGRAD MAJORS ONLY.  
 SEC M RESTRICTED TO MAJORS OTHER THAN  
 ACCT, AG B, AN S, BUS S, BUS U, BUSEC, DY S, FIN,  
 MGMT, MIS, MKT, P BUS, SCM. COURSE NOT OPEN TO P BUS.  
 GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD

3689005 A TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

3689010 B TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

3689015 C TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

3689020 D TR 12:40-1:55  
 MEETS: AUG 20-DEC 14

3689025 E TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

3689030 F TR 3:40-4:55  
 MEETS: AUG 20-DEC 14

3689035 G MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

3689040 J MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

3689045 K TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14

3689050 L T 6:40-9:25PM  
 MEETS: AUG 20-DEC 14

3689055 M TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

Note: SEC M RESTRICTED TO MAJORS OTHER THAN ACCT,  
 AG B, AN S, BUS S, BUS U, BUSEC, DY S, ENTSP, FIN,  
 MGMT, MIS, MKT, P BUS, SCM. COURSE NOT OPEN TO P BUS.

3689060 N TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

CORPORATE FINANCE FIN 310 3 CREDITS  
 Prereq: FIN 301  
 Note: SEC A1,B1,ETC. RESTRICTED TO FIN MAJORS ONLY.  
 SEC A2,B2,ETC. RESTRICTED TO ACCT, BUS U, BUSEC,  
 ENTSP, MGMT, MIS, MKT, SCM MAJORS YR 1-4 ONLY  
 & BUS S.

3691005 A1 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

3691010 A2 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

3691015 B1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

3691020 B2 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

3691025 C1 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

3691030 C2 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

3691035 D1 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

3691040 D2 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

INVESTMENTS FIN 320 3 CREDITS  
 Prereq: FIN 301  
 Note: SEC A1,B1,ETC. RESTRICTED TO FIN MAJORS ONLY.  
 SEC A2,B2,ETC. RESTRICTED TO ACCT, BUS S, BUS U,  
 BUSEC, ENSTP, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS.  
 COURSE NOT OPEN TO P BUS.

3692005 A1 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

3692010 A2 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

3692015 B1 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14

3692020 B2 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14

3692025 C1 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14

3692030 C2 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14

3692035 D1 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

3692040 D2 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

3692045 E1 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14

3692050 E2 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14

FIXD INCOME SECURTI FIN 327 3 CREDITS  
 Prereq: FIN 301  
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC.  
 ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS. GRADUATE  
 STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

8796005 A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

8796010 B MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

## FINANCE (CONTINUED)

FINAN MKTS&INSTITUT FIN 330 3 CREDITS  
Prereq: FIN 301  
Note: SEC A1,B1 RESTRICTED TO FIN MAJORS ONLY.  
SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN  
FIN, P BUS.

6829005 A1 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

6829010 A2 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

6829015 B1 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

6829020 B2 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

PERSNL RISK MGT&INS FIN 361 3 CREDITS  
Prereq: ECON 101  
Note: COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS  
GO TO 1200 GERDIN FOR PERMISSION TO REGISTER.

3693005 A1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3693010 A2 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUSEC,  
F C S, MGMT, MKT & SCM MAJORS ONLY

3693015 B1 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

3693020 B2 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

Note: SEC B2 RESTRICTED TO ACCT, BUS S, BUSEC,  
F C S, MGMT, MKT & SCM MAJORS ONLY

REAL ESTATE PRINCIP FIN 371 3 CREDITS  
Prereq: ECON 101  
Note: SEC A1,B1 RESTRICTED TO FIN MAJORS ONLY.  
SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN  
FIN, P BUS.

GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD

3690005 A1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

3690010 A2 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

3690015 B1 W 6:40-9:25PM  
MEETS: AUG 20-DEC 14

3690020 B2 W 6:40-9:25PM  
MEETS: AUG 20-DEC 14

BUS FINANCG DECISNS FIN 415 3 CREDITS  
Prereq: FIN 301  
Note: SEC A1,B1 RESTRICTED TO FIN MAJORS ONLY.  
SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSEC,  
I BUS, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY.  
COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS GO  
TO 1200 GERDIN FOR PERMISSION TO ADD.

3698005 A1 M 6:40-9:25PM  
MEETS: AUG 20-DEC 14

3698010 A2 M 6:40-9:25PM  
MEETS: AUG 20-DEC 14

3698015 B1 T 6:40-9:25PM  
MEETS: AUG 20-DEC 14

3698020 B2 T 6:40-9:25PM  
MEETS: AUG 20-DEC 14

FIN FUTURES&OPTIONS FIN 424 3 CREDITS  
Prereq: FIN 320 AND STAT 326  
Note: COURSE NOT OPEN TO P BUS MAJORS. GRADUATE  
STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

3697005 A1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3697010 A2 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

Note: SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC,  
MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY

3697015 B1 TR 2:10-3:25  
MEETS: AUG 20-DEC 14

Note: SEC B1 RESTRICTED TO FIN MAJORS ONLY

3697020 B2 TR 2:10-3:25  
MEETS: AUG 20-DEC 14

Note: SEC B2 RESTRICTED TO ACCT, BUS U, BUSEC,  
MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY

SECUR ANALY&PORTFOL FIN 425 3 CREDITS  
Prereq: FIN 320, STAT 326 AND PERMISSION OF  
INSTRUCTOR

7201005 A W 6:40-9:25PM  
MEETS: AUG 20-DEC 14

Note: Instructor permission required.

BANK MGT DECISIONS FIN 445 3 CREDITS  
Prereq: STAT 326; 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 M 6:40-9:25PM  
MEETS: AUG 20-DEC 14

Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY

3696010 A2 M 6:40-9:25PM  
MEETS: AUG 20-DEC 14

Note: SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC,  
MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY

## FINANCE (CONTINUED)

ANALYTICAL FINANCE FIN 450X 3 CREDITS  
Prereq: STAT 326; ECON 301 OR FIN 301  
Note: COURSE RESTRICTED TO UNDERGRADUATE STUDENT  
EXCEPT P BUS

8455005 A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

CORPOR RISK MGT&INS FIN 462 3 CREDITS  
Prereq: FIN 301 AND STAT 326  
Note: COURSE NOT OPEN TO P BUS MAJORS. GRADUATE  
STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.

9268005 A1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

Note: SEC A1 RESTRICTED TO FINANCE MAJORS ONLY

9268010 A2 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

Note: SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC,  
ENTSP, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY

REAL ESTATE FINANCE FIN 472 3 CREDITS  
Prereq: FIN 301 AND STAT 326  
Note: SEC A1,B1 RESTRICTED TO FIN MAJORS ONLY.  
SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN  
FIN, P BUS. GRADUATE STUDENTS BY SIGNATURE FROM  
1200 GERDIN.

4555005 A1 TR 5:10-6:25PM  
MEETS: AUG 20-DEC 14

4555010 A2 TR 5:10-6:25PM  
MEETS: AUG 20-DEC 14

4555015 B1 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

4555020 B2 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

INTRNATIONL FINANCE FIN 480 3 CREDITS  
Prereq: FIN 310 OR FIN 320 OR FIN 330  
Note: COURSE NOT OPEN TO P BUS MAJORS. GRAD STUDENTS  
GO TO 1200 GERDIN FOR PERMISSION TO ADD.

5131005 A1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

Note: SEC A1 RESTRICTED TO FINANCE, I BUS MAJORS ONLY

5131010 A2 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

Note: SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC,  
ENTSP, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY

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

BANKING INTERNSHIP FIN 499A 1- 3 CREDITS  
Prereq: GPA 2.5; PERMISSION OF INTERNSHIP  
COORDINATOR; STAT 326  
Satisfactory-Fail Only.

9403005 ARRANGED  
MEETS: AUG 20-DEC 14

Note: Department permission required.

INSURANCE INTERNSHP FIN 499B 1- 3 CREDITS  
Prereq: FIN 361; STAT 326; GPA 2.5; PERMISSION OF  
INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.

9555005 ARRANGED  
MEETS: AUG 20-DEC 14

Note: Department permission required.

INTERNS REAL ESTATE FIN 499C 1- 3 CREDITS  
Prereq: FIN 301 PLUS 3 ADDL CREDITS IN FINANCE;  
STAT 326; GPA 2.5; PERMISSN OF INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.

3098005 ARRANGED  
MEETS: AUG 20-DEC 14

Note: Department permission required.

INTERNSHIP INVESTMT FIN 499D 1- 3 CREDITS  
Prereq: FIN 320, STAT 326, GPA 2.5, PERMISSION OF  
INTERNSHIP COORDINATOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
Satisfactory-Fail Only.

6516005 ARRANGED  
MEETS: AUG 20-DEC 14

Note: Department permission required.

INTERNSHP:CORPORATE FIN 499E 1- 3 CREDITS  
Prereq: FIN 310, STAT 326, GPA 2.5, PERMISSION OF  
INTERNSHIP COORDINATOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
Satisfactory-Fail Only.

2736005 ARRANGED  
MEETS: AUG 20-DEC 14

Note: Permission of coordinator required.

ADV CORPORAT FINANC FIN 510 3 CREDITS  
Prereq: FIN 501  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
BORISOVA G

3703005 A R 6:40-10:00PM  
MEETS: AUG 30-NOV 15



## FINANCE (CONTINUED)

FINANC ANLYS&VALUAT FIN 530 3 CREDITS  
Prereq: FIN 501  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
1554005 1 S 8:30-11:50 SAPP T  
MEETS: SEPT 1-NOV 17

FINANCL DERIVATIVES FIN 534 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
3450005 A TR 2:10-3:55 HAYES D  
MEETS: AUG 28-NOV 15

FINANCL ECONMETRICS FIN 550 3 CREDITS  
Prereq: FIN 501, ECON 571  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
1597005 A M 6:40-10:00PM  
MEETS: AUG 27-NOV 12

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  
Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR  
3 CREDITS EACH OF BIOLOGY AND CHEMISTRY  
3659005 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

SPORT PRFRMC NUTRIT FS HN 102 1 CREDIT  
1873005 TR 11:00-11:50  
MEETS: OCT 15-DEC 14

INTRO CULINRY SKLLS FS HN 104 1 CREDIT  
8416005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: COURSE RESTRICTED TO CUFSA, CUFSH MAJORS ONLY

PROFESSNL&EDUC PREP FS HN 110 1 CREDIT  
Satisfactory-Fail Only.  
3661005 1 TR 2:10-3:00  
MEETS: AUG 20-OCT 12  
Note: SEC 1 RESTRICTED TO P DTA, P DTH, PDEXA,  
AND PDEXH FRESHMEN ONLY  
3661010 2 TR 2:10-3:00  
MEETS: AUG 20-OCT 12  
3661015 3 TR 2:10-3:00  
MEETS: AUG 20-OCT 12  
Note: SEC 3 FOR TRANSFER STUDENTS ONLY

FUND OF FOOD PREPAR FS HN 111 2 CREDITS  
Prereq: FS HN 101 OR FS HN 167; HIGH SCHOOL  
CHEMISTRY OR CHEM 160; CONCURRENT ENROLLMENT IN FS HN  
115.  
Note: COURSE RESTRICTED TO HRI, HSP M, FCEDS, NS A,  
NS H, EVENT MAJORS ONLY  
3602005 1 MW 9:00-9:50  
MEETS: AUG 20-DEC 14

FOOD PREPARATN LAB FS HN 115 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN FS HN 111 OR  
FS HN 214  
2922005 1 M 2:10-5:00  
MEETS: AUG 20-DEC 14  
2922010 2 W 2:10-5:00  
MEETS: AUG 20-DEC 14  
2922015 3 T 1:10-4:00  
MEETS: AUG 20-DEC 14  
2922020 4 R 9:00-11:50  
MEETS: AUG 20-DEC 14  
2922025 5 T 9:00-11:50  
MEETS: AUG 20-DEC 14

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 TR 11:00-11:50 NELSON S  
MEETS: AUG 20-DEC 14

BIOCHEM OF BEER LAB FS HN 120L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN  
BBMB 120 OR FS HN 120  
Note: CREDIT IN BBMB 120L/FS HN 120L MAY ONLY BE  
APPLIED TOWARD GRADUATION AS ELECTIVE CREDIT BY  
NATURAL SCIENCE MAJORS  
9493005 F 9:00-11:50 NELSON S  
MEETS: AUG 20-DEC 14

INTRO HUMAN NUTRITN FS HN 167 3 CREDITS  
Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY  
3600005 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
3600015 2 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

ISSU FOOD SCI&NUTRI FS HN 203 1 CREDIT  
8685005 1 W 2:10-3:00  
MEETS: AUG 20-DEC 14  
8685010 2 T 4:10-5:00  
MEETS: AUG 20-DEC 14  
8685015 3 F 3:10-4:00  
MEETS: AUG 20-DEC 14  
8685020 4 F 1:10-2:00  
MEETS: AUG 20-DEC 14

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  
REQUIRED.  
3603005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

ADV FOOD PREPAR LAB FS HN 215 2 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN FS HN 214  
2928005 1 TR 9:00-11:50  
MEETS: AUG 20-DEC 14  
2928010 2 TR 1:10-4:00  
MEETS: AUG 20-DEC 14

FUND NUTR BIOCHM&MT FS HN 264 3 CREDITS  
Prereq: FS HN 167; CHEM 163, CHEM 163L; BIOL 211  
2969005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

FOOD CHEMISTRY FS HN 311 3 CREDITS  
Prereq: CHEM 231 OR CHEM 331; CREDIT OR  
ENROLLMENT IN BBMB 301  
3669005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

FOOD CHEMISTRY LAB FS HN 311L 1 CREDIT  
3083005 1 T 2:10-5:00  
MEETS: AUG 20-DEC 14  
3083010 2 R 2:10-5:00  
MEETS: AUG 20-DEC 14  
3083015 3 F 1:10-4:00  
MEETS: AUG 20-DEC 14

PRO DVLPM FOOD SCI FS HN 315 2 CREDITS  
Prereq: CLASSIFICATION AS A JUNIOR OR SENIOR  
IN A FOOD SCIENCE MAJOR  
7666005 MW 11:00-11:50  
MEETS: AUG 20-DEC 14

FOUNDATNS DIETETIC FS HN 340 1 CREDIT  
Prereq: CLASSIFICATION AS A DIET OR P DEX MAJOR  
Note: COURSE RESTRICTED TO DIETA, DIETH, PDEXA, PDEXH  
JUNIORS AND SENIORS ONLY  
Satisfactory-Fail Only.  
3610005 1 TR 12:10-1:00  
MEETS: AUG 20-OCT 12

WORLD FOOD ISSUES FS HN 342 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
1923005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO AGRON, CUFSA, CUFSH,  
DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA,  
PDEXH MAJORS ONLY  
1923010 2 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
1923015 3 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
1923020 4 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

ADV NUTRI&REG METAB FS HN 360 3 CREDITS  
Prereq: FS HN 265, 3 CREDITS IN BIOCHEMISTRY; 3  
CREDITS IN PHYSIOLOGY RECOMMENDED  
3607005 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

NUTRI&PREVNT DISEAS FS HN 364 3 CREDITS  
Prereq: FS HN 264 OR FS HN 265  
2976005 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

MED TERMNOL FOR PRO FS HN 367 1 CREDIT  
9487005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Course delivery is WWW

SENSORY EVALUA FOOD FS HN 406 3 CREDITS  
Prereq: FS HN 214 OR FS HN 311 OR AN S 360; 3  
CREDITS IN STATISTICS  
3609005 1 MW 1:10-2:00  
T 9:00-11:50  
MEETS: AUG 20-DEC 14  
3609010 2 MW 1:10-2:00  
T 2:10-5:00  
MEETS: AUG 20-DEC 14  
3609015 3 MW 1:10-2:00  
R 2:10-5:00  
MEETS: AUG 20-DEC 14

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

FOOD ANALYSIS FS HN 410 3 CREDITS  
Prereq: FS HN 214 OR FS HN 311 OR CHEM 211  
3668005 1 MW 12:10-1:00  
M 2:10-5:00  
MEETS: AUG 20-DEC 14

3668010 2 MW 12:10-1:00  
W 2:10-5:00  
MEETS: AUG 20-DEC 14

FOOD INGRED INTERAC FS HN 411 2 CREDITS  
Prereq: FS HN 214 OR FS HN 311 AND FS HN 115,  
FS HN 215 OR FS HN 311L.  
3613005 1 M 8:00-8:50  
R 9:00-11:50  
MEETS: AUG 20-DEC 14

3613010 2 M 8:00-8:50  
R 2:10-5:00  
MEETS: AUG 20-DEC 14

3613015 3 M 8:00-8:50  
F 9:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC 3 RESTRICTED TO DIETA, DIETH, D EXA,  
D EXH, FSHNA, FSHNH, KIN MAJORS ONLY

FOOD MICROBIOLOGY FS HN 420 3 CREDITS  
Prereq: MICRO 201 OR MICRO 302  
3670005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

ISSUES FOOD&SOCIETY FS HN 442 2 CREDITS  
Prereq: FS HN 242, FS HN 342  
1122005 1 T 3:40-5:30  
MEETS: AUG 20-DEC 14

GLOBAL NUTRITION FS HN 460 3 CREDITS  
Prereq: FS HN 361 OR EQUIVALENT; SENIOR OR  
GRAD STANDING  
8503005 MW 2:10-3:30  
MEETS: AUG 20-DEC 14

MED NUTRI&DISEASE I FS HN 461 4 CREDITS  
Prereq: FS HN 360; FS HN 361; FS HN 367;  
BIOL 256 AND BIOL 256L OR BIOL 306 OR BIOL 335  
Note: COURSE RESTRICTED TO DIETA, DIETH, NS A, NS H  
MAJORS ONLY  
3623005 1 TR 10:00-11:50  
MEETS: AUG 20-DEC 14

COMMUNITY NUTRITION FS HN 463 3 CREDITS  
Prereq: FS HN 265 OR FS HN 360; FS HN 366  
RECOMMENDED  
Note: Meets U.S. diversity reqmt  
3614005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

NUTR COUNS&ED METHD FS HN 466 3 CREDITS  
Prereq: FS HN 361 AND FS HN 362  
3616005 MW 9:00-10:50  
MEETS: AUG 20-DEC 14

FOOD PROCESSING FS HN 471 3 CREDITS  
Prereq: FS HN 351 OR A E 451 OR CH E 357;  
MICRO 201 OR MICRO 302  
3665005 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

FOOD PROCESSING LAB FS HN 472 2 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN FS HN 471  
OR A E 451 OR CH E 357  
3666005 1 M 2:10-3:00  
R 1:10-4:00  
MEETS: AUG 20-DEC 14

3666010 2 M 2:10-3:00  
F 1:10-4:00  
MEETS: AUG 20-DEC 14

PRO COMM FD SC&NUTR FS HN 480 1 CREDIT  
Prereq: FS HN 203, SENIOR CLASSIFICATION IN THE  
DEPARTMENT  
3611005 1 W 11:00-11:50  
MEETS: AUG 20-DEC 14

3611010 2 W 12:10-1:00  
MEETS: AUG 20-DEC 14

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

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

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

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: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
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: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
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: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
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: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH CNCEPTS NUTRI FS HN 492 2 CREDITS  
Prereq: SENIOR CLASSIFICATION OR PERMISSION  
OF INSTRUCTOR; FS HN 360  
8460005 1 MW 2:10-3:00  
MEETS: AUG 20-DEC 14

PRACTICUM FS HN 495 2 CREDITS  
Prereq: SENIOR CLASSIFICATION IN NUTRITIONAL  
SCIENCE - NUTRITION AND WELLNESS OPTION OR PERMISSION  
OF INSTRUCTOR; FS HN 366; CREDIT OR ENROLLMENT IN  
FS HN 463  
3048005 MW 10:00-10:50  
ARRANGED  
MEETS: AUG 20-OCT 12

COOPERATV EDUCATION FS HN 498 R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT CHAIR  
Satisfactory-Fail Only.  
8323005 ARRANGED  
MEETS: AUG 20-DEC 14

UNDERGRAD RESEARCH FS HN 499 1- 6 CREDITS  
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM  
STUDENT PROPOSES TO WORK  
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 214 OR FS HN 311 OR AN S 360; 3  
CREDITS IN STATISTICS  
6209005 1 MW 1:10-2:00  
T 9:00-11:50  
MEETS: AUG 20-DEC 14

6209010 2 MW 1:10-2:00  
T 2:10-5:00  
MEETS: AUG 20-DEC 14

INTEGRATED FOOD SCI FS HN 511 3 CREDITS  
Prereq: 3 CREDITS IN ORGANIC CHEMISTRY  
3606005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

GUT MICROBIOME:HLTH FS HN 517X 3 CREDITS  
Prereq: BASIC KNOWLEDGE IN MICROBIOLOGY  
7644005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

FOODBORNE TOXICANTS FS HN 529 2 CREDITS  
Prereq: A COURSE IN BIOCHEMISTRY; ENROLLMENT IN  
GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE  
OR PERMISSION OF INSTRUCTOR.  
8339005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Course delivery is WWW

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT  
Satisfactory-Fail Only.  
7123005 1 TR 1:10-2:00 BAKER M  
TR 2:10-4:00 BAKER M  
MEETS: AUG 21-SEPT 20

INTRO CELL TECHNIQS FS HN 542C 1 CREDIT  
Satisfactory-Fail Only.  
7130005 1 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: OCT 30-DEC 6

INTR PROTEOMCS TCNQ FS HN 542E 1 CREDIT  
Satisfactory-Fail Only.  
7225005 1 TR 1:10-2:00 BAKER M  
TR 2:10-4:00 BAKER M  
MEETS: SEPT 25-OCT 25

INTR METABLMCS TCNQ FS HN 542F 1 CREDIT  
Satisfactory-Fail Only.  
9017005 M 1:10-2:00  
M 2:10-4:00  
MEETS: AUG 20-NOV 2

DIETETC INTERNSH II FS HN 555 5 CREDITS  
Prereq: CONCURRENT ENROLLMENT OR SUCCESSFUL  
COMPLETION OF FS HN 554  
3055600 XW ARRANGED  
MEETS: AUG 6-DEC 14  
Note: Instructor permission required.  
Section XW is off campus  
Course delivery is WWW

DIETTC INTRNSHP III FS HN 556 5 CREDITS  
Prereq: CONCURRENT ENROLLMENT OR SUCCESSFUL  
COMPLETION OF FS HN 554 AND FS HN 555  
3077605 XV ARRANGED  
MEETS: AUG 6-DEC 14  
Note: Instructor permission required.  
Section XV is off campus  
Course delivery is WWW  
3077600 XW ARRANGED  
MEETS: AUG 6-DEC 14  
Note: Instructor permission required.  
Section XW is off campus  
Course delivery is WWW

GLOBAL NUTRITION FS HN 560 3 CREDITS  
Prereq: FS HN 361 OR EQUIVALENT; SENIOR OR  
GRADUATE STANDING  
6812005 MW 2:10-3:30  
MEETS: AUG 20-DEC 14

PROCESSED FOODS FS HN 575 3 CREDITS  
Prereq: FS HN 214 OR FS HN 311; A COURSE IN  
NUTRITION  
3642005 1 TR 8:00-9:20  
MEETS: AUG 20-DEC 14

ORIENT FS HN RESRCH FS HN 580 1 CREDIT  
Satisfactory-Fail Only.  
6294005 1 W 3:10-4:00  
MEETS: AUG 20-DEC 14

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 2:10-3:00  
MEETS: AUG 20-DEC 14

## FOOD SCIENCE &amp; HUMAN NUTRITION (CONTINUED)

RAPID MTH FD MICROB FS HN 627 2 CREDITS  
Prereq: FS HN 420 OR FS HN 421 OR FS HN 504  
8350005 1 TR 2:10-3:00  
MEETS: AUG 20-DEC 14

SEMINAR FS HN 681 1 CREDIT  
3648005 1 W 4:10-5:00  
MEETS: AUG 20-DEC 14

SEMINAR REFLECTION FS HN 682 R CREDIT  
Satisfactory-Fail Only.  
9178005 W 4:10-5:00  
MEETS: AUG 20-DEC 14

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 NUTRITION  
1274005 1 R 11:00-11:50  
MEETS: AUG 20-DEC 14

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 ENROLMT 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 A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Note: SEC A MEETS 12 WEEKS

SUSTNBL:WOOD UTILIZ FOR 202 2 CREDITS  
Prereq: CONCURRENT ENROLMT 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 A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC A MEETS 12 WEEKS

RESOURC MEASUR/EVAL FOR 203 2 CREDITS  
Prereq: CONCURRENT ENROLMT 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 A MW 1:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SEC A MEETS 12 WEEKS

F ECOSYS DECISN MAK FOR 204 2 CREDITS  
Prereq: CONCURRENT ENROLMT 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 A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC A MEETS 12 WEEKS

INTEGR FORESTRY LAB FOR 205 3 CREDITS  
Prereq: CONCURRENT ENROLMT 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 A R 9:00-5:00  
MEETS: AUG 20-DEC 14  
Note: SEC A MEETS 12 WEEKS

FALL FORESTRY CAMP FOR 206 4 CREDITS  
Prereq: CONCURRENT ENROLMT IN FOR 201, FOR 202,  
FOR 203, FOR 204, FOR 205  
Note: COURSE RESTRICTED TO A ECL, FOR MAJORS ONLY  
Instructor permission required 1st week.  
9557005 A ARRANGED  
MEETS: AUG 20-DEC 14  
Note: FORESTRY CAMP WILL BE IN MONTANA. DATES TO BE  
ANNOUNCED

SPL PROB LEADERSHIP FOR 290A 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL PROB ECOSYS MGT FOR 290B 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## FORESTRY

(CONTINUED)

SPL PRB RESRC CNSRV FOR 290C 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB URB&COMMUN FOR 290D 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB WOOD SCIEN FOR 290E 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DENDROLOGY FOR 356 3 CREDITS  
Prereq: BIOL 211  
Note: Instructor permission required 1st week.  
3714010 1 TR 11:00-11:50  
TR 12:10-2:00  
MEETS: AUG 20-DEC 14  
3714015 2 TR 11:00-11:50  
TR 3:10-5:00  
MEETS: AUG 20-DEC 14

FOREST INSC&DISEAS FOR 416 3 CREDITS  
Prereq: 8 CR IN BIOL SCI, INCLUDING BIOL 211  
3729005 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

FOR INSECTS&DIS LAB FOR 416L 1 CREDIT  
Prereq: 8 CREDITS IN BIOLOGICAL SCI INCLUDING  
BIOL 211 OR EQUIVALENT. CREDIT OR ENROLLMENT IN  
PL P 416.  
2637005 M 3:10-6:00PM  
MEETS: AUG 20-DEC 14

FOREST STANDS DYNAM FOR 442 3 CREDITS  
Prereq: NREM 301, FOR 302, STAT 101 OR EQUIV  
3720005 MW 10:00-10:50  
W 3:10-6:00PM  
MEETS: AUG 20-DEC 14

URBAN FORESTRY FOR 475 3 CREDITS  
Prereq: JR OR SR CLASSIFICATION, 3 CR IN BIOLOGY  
5125005 A TR 10:00-10:50  
R 3:10-6:00PM  
MEETS: AUG 20-DEC 14

FOREST STANDS DYNAM FOR 542 3 CREDITS  
2197005 MW 10:00-10:50  
W 3:10-6:00PM  
MEETS: AUG 20-DEC 14

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

CRTV COMPO WOOD SCI FOR 599E 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR FOR 696 1 CREDIT  
Satisfactory-Fail Only.  
8834005 W 4:10-5:30  
MEETS: AUG 20-DEC 14

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RSRCH 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

WOOD SCIENCE RSRCH FOR 699E 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 MTWR 9:00-9:50  
MEETS: AUG 20-DEC 14  
3803010 2 MTWR 10:00-10:50  
MEETS: AUG 20-DEC 14  
3803020 3 MTWR 11:00-11:50  
MEETS: AUG 20-DEC 14  
3803025 4 MTWR 1:10-2:00  
MEETS: AUG 20-DEC 14

INTERMED FRENCH I FRNCH 201 4 CREDITS  
Prereq: FRNCH 102  
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
Meets international perspectives reqmt  
3808005 1 MTWR 10:00-10:50  
MEETS: AUG 20-DEC 14  
3808010 2 MTWR 11:00-11:50  
MEETS: AUG 20-DEC 14

FRNCH WRITNG&GRAMMR FRNCH 301 3 CREDITS  
Prereq: FRNCH 202  
Note: Meets international perspectives reqmt  
3811005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
3811010 2 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

FRENCH FOR PROFSNLS FRNCH 304 3 CREDITS  
Prereq: FRNCH 301 OR FRNCH 302  
Note: Meets international perspectives reqmt  
5887005 1 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

STDI FRN/FRANCO LIT FRNCH 340 3 CREDITS  
Prereq: FRNCH 302 OR CONCURRENT ENROLLMENT IN  
FRNCH 302  
Note: Meets international perspectives reqmt  
2762005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

FRNCH CIVILZTN SMNR FRNCH 476 3- 4 CREDITS  
Note: Meets international perspectives reqmt  
2898005 1 TR 11:00-12:20  
MEETS: AUG 20-DEC 14  
Note: SEC 1 HYBRID. OFFERED FOR 3 CREDITS  
2898010 2 TR 11:00-12:20  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 2 OFFERED FOR 4 CREDITS

INDEPENDENT STUDY FRNCH 490 1- 6 CREDITS  
Prereq: PERMISSION OF FRENCH STAFF AND DEPT 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 FRENCH AT THE 300 LEVEL;  
PERMISSION OF ADVISOR AND WLC INTERNSHIP COORD. WORK  
EXPERIENCE USING FRNCH LANG SKILLS IN PUBLIC/PRIVATE  
SECTOR, COMBINED W/ ACAD WK UNDER FACULTY SUPERVISN  
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 2018  
Permission of department chair required.  
2380005 SW ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOP FRNC CIVILZ FRNCH 590D 2- 4 CREDITS  
Prereq: INSTRUCTOR PERMISSN; 6 CR 400-LEVEL FRNCH  
Note: Permission of department chair required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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 GEN, GEN S MAJORS ONLY.  
3828005 A T 2:10-3:00  
MEETS: AUG 20-DEC 14

## GENETICS

(CONTINUED)

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 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 9559010 2 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 9559015 3 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

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 9:00-10:20  
 MEETS: AUG 20-DEC 14  
 9560010 2 MW 10:30-11:50  
 MEETS: AUG 20-DEC 14  
 9560015 3 MW 10:30-11:50  
 MEETS: AUG 20-DEC 14  
 9560020 4 MW 1:10-2:30  
 MEETS: AUG 20-DEC 14  
 9560025 5 MW 1:10-2:30  
 MEETS: AUG 20-DEC 14  
 9560030 6 MW 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 9560035 7 TR 9:00-10:20  
 MEETS: AUG 20-DEC 14  
 9560040 8 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 9560045 9 TR 1:10-2:30  
 MEETS: AUG 20-DEC 14  
 9560050 10 TR 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 9560055 11 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 9560060 12 TR 1:10-2:30  
 MEETS: AUG 20-DEC 14

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 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

INTR BIOINFRMTC&CMP GEN 322 3 CREDITS  
 Prereq: BIOL 212  
 9773005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

MOLECULAR GENETICS GEN 409 3 CREDITS  
 Prereq: BIOL 313  
 3832005 A MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

ANALYTICAL GENETICS GEN 410 3 CREDITS  
 Prereq: BIOL 313 OR GEN 313  
 3833005 A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

BIOINFORMATC ANALYS GEN 444 4 CREDITS  
 Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
 8546005 1 TR 11:00-12:20  
 W 2:10-4:00  
 MEETS: AUG 20-DEC 14

EVOLUTNARY GENETICS GEN 462 3 CREDITS  
 Prereq: BIOL 315  
 3835005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

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: GEN 409  
 3837005 A W 3:10-4:00  
 MEETS: AUG 20-DEC 14

LAB 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 490U OR  
 GEN 492 MAY BE APPLIED TOWARD THE GENETICS  
 ADVANCED COURSE REQUIREMENT  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## GENETICS

(CONTINUED)

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 CREDIT  
 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**

SPECIAL TOPICS GENET 590 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORKSHP IN GENETICS GENET 591 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 9313005 R 3:10-4:00  
 MEETS: AUG 20-DEC 14

GRAD STU SEMNR GENE GENET 690 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 9682005 1 W 3:10-4:00  
 MEETS: AUG 20-DEC 14

FACULT RSRCH SEMINR GENET 691 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 9314005 M 12:10-1:00  
 MEETS: AUG 20-DEC 14

CONCEPTUL FOUNDA GN GENET 692 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 9315005 W 12:10-1:00  
 MEETS: AUG 20-DEC 14

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS  
 9316005 CB ARRANGED  
 MEETS: AUG 20-DEC 14

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 A TR 11:00-12:30  
 MEETS: AUG 20-DEC 14

PLANT METABOLISM GDCB 513 2 CREDITS  
 Prereq: BIOL 330, PHYS 111, CHEM 331; ONE  
 SEMESTER OF BIOCHEMISTRY RECOMMENDED  
 2115005 TR 12:40-1:30  
 MEETS: AUG 20-DEC 14

ADVANCNS MOL CEL BIO GDCB 528 3 CREDITS  
 Prereq: COURSES IN GENERAL CELL BIOLOGY AND  
 BIOCHEMISTRY  
 7122005 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT  
 Satisfactory-Fail Only.  
 7089005 1 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: AUG 20-DEC 14

INTRO CELL TECHNIQS GDCB 542C 1 CREDIT  
 Satisfactory-Fail Only.  
 7096005 1 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: OCT 30-DEC 6  
 BAKER M  
 BAKER M

## GENETICS, DEVELOPMENT &amp; CELL BIOL (CONTINUED)

INTR PROTEOMCS TCNQ GDCB 542E 1 CREDIT  
Satisfactory-Fail Only.  
7212005 1 TR 1:10-2:00 BAKER M  
TR 2:10-4:00 BAKER M  
MEETS: SEPT 25-OCT 25

INTR METABLMCS TCNQ GDCB 542F 1 CREDIT  
Satisfactory-Fail Only.  
9034005 M 1:10-2:00  
M 2:10-4:00  
MEETS: AUG 20-NOV 2

FUND BIOINFORMATICS GDCB 544 4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
8556005 1 MWF 10:00-10:50  
R 1:10-3:00  
MEETS: AUG 20-DEC 14  
8556010 2 MWF 10:00-10:50  
R 3:10-5:00  
MEETS: AUG 20-DEC 14

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 20-DEC 14

CELL,M&DEV NEUROSCI GDCB 556 3 CREDITS  
Prereq: BIOL 335 OR BIOL 436. PHYS RECOMMENDED.  
3872005 A TR 2:10-3:30  
MEETS: AUG 20-DEC 14

FUND PRED PLT PHNMC GDCB 585X 4 CREDITS  
Prereq: ACCEPTANCE INTO THE P3 PROGRAM OR  
INSTRUCTOR PERMISSION  
Note: ACCEPTANCE INTO THE P3 PROGRAM OR  
PERMISSION OF INSTRUCTOR  
8299005 A MWF 9:00-9:50  
T 8:00-10:50  
MEETS: AUG 20-DEC 14

SPECIAL TOPICS GDCB 590 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR IN GDCB GDCB 690 1 CREDIT  
Satisfactory-Fail Only.  
7142005 T 4:10-6:00PM  
MEETS: AUG 20-DEC 14

FACULTY SEMINAR GDCB 691 1 CREDIT  
4705005 R 12:40-1:40  
MEETS: AUG 20-DEC 14

RESEARCH SEMINAR GDCB 696 1 CREDIT  
Satisfactory-Fail Only.  
8832005 W 4:10-5:30  
MEETS: AUG 20-DEC 14

SEM N MOLEC,C,DV BIO GDCB 698 1- 2 CREDITS  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018  
3856005 1 M 3:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1 WILL NOT MEET EVERY WEEK. MEETING  
DATES TO BE ANNOUNCED.

RESEARCH GDCB 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## GEOLOGY

THE EARTH GEOL 100 3 CREDITS  
3870005 A MWF 11:00-11:50 CERVATO C  
3870010 B MWF 1:10-2:00 WOOD A  
MEETS: AUG 20-DEC 14

THE EARTH: LAB GEOL 100L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN GEOL 100  
7595005 1 T 10:00-11:50  
MEETS: AUG 20-DEC 14  
7595010 2 T 1:10-3:00  
MEETS: AUG 20-DEC 14  
7595015 3 R 1:10-3:00  
MEETS: AUG 20-DEC 14  
7595020 4 R 3:10-5:00  
MEETS: AUG 20-DEC 14

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS  
7596005 A MWF 10:00-10:50 DAWSON J  
MEETS: AUG 20-DEC 14  
7596600 XW ARRANGED ANKERSTJERNE S  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

## GEOLOGY (CONTINUED)

AGE OF DINOSAURS GEOL 103 1 CREDIT  
9327600 XW ARRANGED WOOD A  
MEETS: OCT 15-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

GEMS AND GEMSTONES GEOL 105 1 CREDIT  
8854005 TR 9:30-10:20 SPRY P  
MEETS: OCT 15-DEC 14

EARTH&SPC FOR EL ED GEOL 106 2 CREDITS  
Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD ED  
Note: COURSE RESTRICTED TO ECE, EL ED MAJORS ONLY  
8465005 ARRANGED CERVATO C  
MEETS: AUG 20-DEC 14  
Note: Course delivery is WWW

EARTH&SPACE SCI LAB GEOL 106L 1 CREDIT  
Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD  
EDUCATION; CONCURRENT ENROLLMENT IN GEOL106/ASTRO 106  
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY  
8582005 1 M 3:10-5:00  
MEETS: AUG 20-DEC 14  
8582010 2 M 1:10-3:00  
MEETS: AUG 20-DEC 14  
8582015 3 M 10:00-11:50  
MEETS: AUG 20-DEC 14  
8582020 4 M 5:10-7:00PM  
MEETS: AUG 20-DEC 14

INTRO OCEANOGRAPHY GEOL 108 3 CREDITS  
5022005 TR 2:10-3:25 WANAMAKER A  
MEETS: AUG 20-DEC 14

GEOLOGICL DISASTERS GEOL 111 1 CREDIT  
9152600 XW ARRANGED ANKERSTJERNE S  
MEETS: OCT 15-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

GEOSCIENCE ORIENT GEOL 112 1 CREDIT  
6631005 M 4:10-5:00  
MEETS: AUG 20-DEC 14

GEOL--ENGRS&ENV SCI GEOL 201 3 CREDITS  
8965005 1 TR 2:10-3:00 BERESNEV I  
W 1:10-3:00  
MEETS: AUG 20-DEC 14  
8965010 2 TR 2:10-3:00 BERESNEV I  
R 10:00-11:50  
MEETS: AUG 20-DEC 14  
8965015 3 TR 2:10-3:00 BERESNEV I  
T 7:00-9:00PM  
MEETS: AUG 20-DEC 14  
8965020 4 TR 2:10-3:00 BERESNEV I  
T 8:00-9:50  
MEETS: AUG 20-DEC 14  
8965025 5 TR 2:10-3:00 BERESNEV I  
W 10:00-11:50  
MEETS: AUG 20-DEC 14  
8965030 6 TR 2:10-3:00 BERESNEV I  
W 3:10-5:00  
MEETS: AUG 20-DEC 14  
8965035 7 TR 2:10-3:00 BERESNEV I  
R 8:00-9:50  
MEETS: AUG 20-DEC 14  
8965040 8 TR 2:10-3:00 BERESNEV I  
T 3:10-5:00  
MEETS: AUG 20-DEC 14

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 OR GEOL 201, GEOL 100L,GEOL 102,  
GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR;  
SOPH CLASSIFICATION  
4828005 ARRANGED  
MEETS: AUG 20-DEC 14

GEOLOGY FIELD COURS GEOL 306 1- 2 CREDITS  
Prereq: GEOL 100 OR GEOL 201, PERMISSION OF  
INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2018  
Instructor permission required.  
3871005 ARRANGED  
MEETS: AUG 20-DEC 14

MINRALGY&EARTH MTRL GEOL 315 3 CREDITS  
Prereq: GEOL 100 OR GEOL 201, CHEM 177  
9041005 MWF 3:10-4:00 DAWSON J  
MEETS: AUG 20-DEC 14

MINERALOGY LAB GEOL 315L 1 CREDIT  
Prereq: GEOL 100 OR GEOL 201  
9055005 T 2:10-5:00  
MEETS: AUG 20-DEC 14

GEOLOGY (CONTINUED)

OPTICAL MINERALOGY GEOL 316 2 CREDITS  
 Prereq: GEOL 100 OR GEOL 201, CHEM 177, CREDIT OR ENROLLMENT IN GEOL 315  
 9062005 R 2:10-3:00  
 R 3:10-3:00  
 MEETS: AUG 20-DEC 14

SEDIMENTARY GEOLOGY GEOL 368 4 CREDITS  
 Prereq: GEOL 102  
 3782005 1 MWF 11:00-11:50 HASIUK F  
 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 3782010 2 MWF 11:00-11:50 HASIUK F  
 T 9:00-11:50  
 MEETS: AUG 20-DEC 14

COOPERATIVE EDUC GEOL 398 R CREDIT  
 Prereq: GEOL 100 OR GEOL 201, GEOL 100L, GEOL 102, GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR; JUNIOR CLASSIFICATION  
 4829005 ARRANGED  
 MEETS: AUG 20-DEC 14

WATERSHED HYDROLOGY GEOL 402 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING  
 4770005 1 MW 11:00-11:50 FRANZ K  
 R 3:10-6:00PM FRANZ K  
 MEETS: AUG 20-DEC 14

HYDROGEOLOGY GEOL 411 4 CREDITS  
 Prereq: FOUR COURSES IN BIOLOGICAL OR PHYSICAL SCIENCES  
 3118005 A MWF 9:00-9:50 SIMPKINS W  
 R 1:10-3:00  
 MEETS: AUG 20-DEC 14

MICROPALAEONTOLOGY GEOL 412X 3 CREDITS  
 Prereq: GEOL 102, GEOL 102L  
 8732005 MW 1:10-2:00  
 MW 2:10-3:00  
 MEETS: AUG 20-DEC 14

MINERAL RESOURCES GEOL 420 3 CREDITS  
 Prereq: GEOL 365  
 8025005 TR 11:00-11:50 SPRY P  
 T 2:10-4:00  
 MEETS: AUG 20-DEC 14

GIS FOR GEOSCIENTST GEOL 452 3 CREDITS  
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT  
 3092005 MW 3:10-4:00 HARDING C  
 MW 4:10-5:00  
 MEETS: AUG 20-DEC 14

APP GEOSTAT GEOSCIE GEOL 468X 3 CREDITS  
 Prereq: GEOL 452, C R P 351, C R P 452, NREM 345, OR NREM 446  
 7760005 MW 1:10-2:00  
 MW 2:10-3:00  
 MEETS: AUG 20-DEC 14

SURFICIAL PROCESSES GEOL 479 3 CREDITS  
 Prereq: GEOL 100 OR GEOL 201 OR EQUIVALENT EXPERIENCE  
 8804005 1 MW 10:00-10:50 IVERSON N  
 F 12:10-3:00  
 MEETS: AUG 20-DEC 14

MICROBIAL ECOLOGY GEOL 487 3 CREDITS  
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
 2191005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

SURV REMOTE SNS TEC GEOL 489 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING  
 9751005 MW 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS WWW LECTURE DELIVERY

SATELL RMT SENS LAB GEOL 489L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489 OR NREM 589 OR E E 489 OR E E 589  
 5244005 T 9:00-11:50  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY GEOL 490 1- 3 CREDITS  
 Prereq: 6 CR IN GEOLOGY & PERMISSON 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 T 4:10-5:30  
 MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN GEOL 498 R CREDIT  
 Prereq: GEOL 100 OR GEOL 201, GEOL 100L, GEOL 102, GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR; SENIOR CLASSIFICATION  
 4830005 ARRANGED  
 MEETS: AUG 20-DEC 14

WATERSHED HYDROLOGY GEOL 502 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING  
 6286005 MW 11:00-11:50  
 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

GEOLOGY FIELD COURS GEOL 506 1- 2 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2018  
 Instructor permission required.  
 7600005 ARRANGED  
 MEETS: AUG 20-DEC 14

MIDWST GEO FLD TRIP GEOL 507 1 CREDIT  
 Prereq: GEOL 365  
 Satisfactory-Fail Only.  
 3897005 ARRANGED  
 MEETS: AUG 20-DEC 14

HYDROGEOLOGY GEOL 511 4 CREDITS  
 Prereq: FOUR COURSES IN BIOLOGICAL OR PHYSICAL SCIENCES  
 7601005 A MWF 9:00-9:50 SIMPKINS W  
 R 1:10-3:00 SIMPKINS W  
 MEETS: AUG 20-DEC 14

MICROPALAEONTOLOGY GEOL 512X 3 CREDITS  
 Prereq: GEOL 102, GEOL 102L  
 8734005 MW 1:10-2:00  
 MW 2:10-3:00  
 MEETS: AUG 20-DEC 14

MINERAL RESOURCES GEOL 520 3 CREDITS  
 Prereq: GEOL 365  
 8043005 TR 11:00-11:50 SPRY P  
 T 2:10-4:00  
 MEETS: AUG 20-DEC 14

GIS FOR GEOSCIENTST GEOL 552 3 CREDITS  
 Prereq: GEOL 100, GEOL 201 OR EQUIVALENT  
 3206005 MW 3:10-4:00 HARDING C  
 MW 4:10-5:00  
 MEETS: AUG 20-DEC 14

QUANTIVE MTHDS GEOL GEOL 559X 3 CREDITS  
 Prereq: MATH 166, PHYS 112, GEOL 356, OR BY PERMISSION OF INSTRUCTOR  
 7916005 F 10:00-11:50  
 T 9:00-10:50  
 MEETS: AUG 20-DEC 14

APP GEOSTAT GEOSCIE GEOL 568X 3 CREDITS  
 Prereq: GEOL 452, C R P 351, C R P 452, NREM 345, OR NREM 446  
 7789005 MW 1:10-2:00  
 MW 2:10-3:00  
 MEETS: AUG 20-DEC 14

SURFICIAL PROCESSES GEOL 579 3 CREDITS  
 Prereq: GEOL 100 OR GEOL 201 OR EQUIVALENT EXPERIENCE  
 8805005 1 MW 10:00-10:50 IVERSON N  
 F 12:10-3:00  
 MEETS: AUG 20-DEC 14

MICROBIAL ECOLOGY GEOL 587 3 CREDITS  
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
 2175005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

SURV REMOTE SNS TEC GEOL 589 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING  
 9754005 MW 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS WWW LECTURE DELIVERY

SATELL RMT SENS LAB GEOL 589L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489 OR NREM 589 OR E E 489 OR E E 589  
 3547005 T 9:00-11:50  
 MEETS: AUG 20-DEC 14

GEOLOGY (CONTINUED)

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 HYDROGEOLOG 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

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 T 4:10-5:30  
 MEETS: AUG 20-DEC 14

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 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV SEM ECONOM GEOL GEOL 610B 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 7609005 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV SEM ENVIR GEOCH GEOL 610C 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 3771005 ARRANGED  
 MEETS: AUG 20-DEC 14

GEOLOGY (CONTINUED)

ADV SEM HYDROGEOLOGY GEOL 610F 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 7604005 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV SEM SURFIC PROC GEOL 610G 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 7608005 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV SEM SED&STRATIG GEOL 610H 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 7607005 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV SEM ISOTP GCHEM GEOL 610J 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 6711005 ARRANGED  
 MEETS: AUG 20-DEC 14

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

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 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 3949010 2 MTWR 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 3949015 3 MTWR 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 3949020 4 MTWR 1:10-2:00  
 MEETS: AUG 20-DEC 14

INTERMED GERMAN I GER 201 4 CREDITS  
 Prereq: GER 102  
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
 Meets international perspectives reqmt  
 3953005 1 MTWR 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 3953010 2 MTWR 10:00-10:50  
 MEETS: AUG 20-DEC 14



GERMAN (CONTINUED)

READG:PROB ERLY 20C GER 301 3 CREDITS  
 Prereq: GER 202  
 Note: Meets international perspectives reqmt  
 3955005 1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

GERMAN FOR PROFESNL GER 304 3 CREDITS  
 Prereq: GER 202  
 Note: Meets international perspectives reqmt  
 3754005 1 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

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 12:40-2:00  
 MEETS: AUG 20-DEC 14

HOLOCAUST TEXT,IMAG GER 371 3- 4 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT,  
 6 CREDITS IN GERMAN AT THE 300 LEVEL.  
 Note: Meets international perspectives reqmt  
 3764605 XV ARRANGED CARTER W  
 MEETS: AUG 20-DEC 14  
 Note: Section XV is off campus  
 Course delivery is WWW

3764600 XW ARRANGED CARTER W  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

GRIMMS' TALES GER 375 3- 4 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT,  
 6 CREDITS IN GERMAN AT THE 300 LEVEL.  
 Note: Meets international perspectives reqmt  
 3960005 1 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 OFFERED FOR 3 CREDITS FALL 2018  
 3960010 2 TR 12:40-2:00  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 OFFERED FOR 4 CREDITS FALL 2018

INDEPENDENT STUDY GER 490 1- 6 CREDITS  
 Prereq: 6 CR IN GERMAN; PERMISSION OF DEPT 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 OF GERMAN AT THE 300 LEVEL;  
 PERMISSION OF ADVISOR AND 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

SPL TOP GER CIVLZTN GER 590D 2- 4 CREDITS  
 Prereq: PERMISSION OF THE INSTRUCTOR; 6 CREDITS  
 OF 400-LEVEL GERMAN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**GERONTOLOGY**

AGING & THE FAMILY GERON 377 3 CREDITS  
 Prereq: HD FS 102  
 Note: Meets U.S. diversity reqmt  
 7865005 1 TR 9:30-10:45 LEE J  
 MEETS: AUG 20-DEC 14  
 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 ARRANGED  
 MEETS: AUG 20-DEC 14

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS  
 Prereq: GERON 466, ADVANCE RESERVATION  
 Satisfactory-Fail Only.  
 7870005 ARRANGED  
 MEETS: AUG 20-DEC 14

PRSPCTIVES GERONTOL GERON 530 3 CREDITS  
 8316600 XG ARRANGED  
 MEETS: AUG 21-DEC 14  
 Note: THIS COURSE IS RESTRICTED TO GPIEDA STUDENTS  
 ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
 JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
 THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
 HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
 Meets U.S. diversity reqmt  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIEDA Consortium

GERONTOLOGY (CONTINUED)

DSGN FOR ALL PEOPLE GERON 571 3 CREDITS  
 Prereq: GRADUATE OR SENIOR CLASSIFICATION  
 Note: Meets U.S. diversity reqmt  
 4717005 1 TR 11:00-12:30  
 MEETS: AUG 20-DEC 14

SPECIAL TOPICS GERON 590 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP GERON 591 1- 9 CREDITS  
 9810077 PM ARRANGED  
 MEETS: AUG 20-DEC 14

CREATIVE COMPONENT GERON 599 VAR. CREDITS  
 9839077 PM ARRANGED  
 MEETS: AUG 20-DEC 14

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

**GLOBAL RESOURCE SYSTEMS**

ORIENTATION GLOBE 110 1 CREDIT  
 6606005 R 2:10-3:00  
 MEETS: AUG 20-DEC 14

GEOG GLBL RSRCE SYS GLOBE 120 3 CREDITS  
 Note: Meets international perspectives reqmt  
 4186005 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

GLOBAL RESOURCE SYS GLOBE 201 3 CREDITS  
 6635005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

ISSU GLBL RSRCE SYS GLOBE 211 1 CREDIT  
 Note: NO MORE THAN 3 CREDITS OF GLOBE 211 MAY BE  
 APPLIED TOWARD DEGREE REQUIREMENTS  
 Satisfactory-Fail Only.  
 6651005 1 T 3:40-5:00  
 MEETS: AUG 20-OCT 26  
 Note: SEC 1 RESTRICTED TO DIETA, DIETH, GLOBE,  
 FS A, FS H, FSHNA, FSHNH MAJORS ONLY  
 6651010 2 R 3:40-5:00  
 MEETS: AUG 20-OCT 26  
 Note: SEC 2 RESTRICTED TO GLOBE, AN S, DY S MAJORS  
 6651015 3 T 11:00-12:30  
 MEETS: 1ST 10 WKS  
 Note: SEC 3 RESTRICTED TO GLOBE MAJORS ONLY

GLOBAL SUSTAINABLY 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  
 3906600 XW ARRANGED HALLAM A  
 MEETS: SEPT 3-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

APPRENTICESHIP GLOBE 221 R CREDIT  
 Satisfactory-Fail Only.  
 6652005 ARRANGED  
 MEETS: AUG 20-DEC 14

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 RSRC SYS GLOBE 303 3 CREDITS  
 6146005 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

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 2018.  
 Meets international perspectives reqmt  
 8676005 W 4:10-5:00, ARRANGED  
 MEETS: AUG 20-DEC 14

GLOBAL RESOURCE SYSTEMS (CONTINUED)

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  
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018.  
 8684005 W 4:10-5:00, ARRANGED  
 MEETS: AUG 20-DEC 14

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 ARRANGED  
 MEETS: AUG 20-DEC 14

SENIOR PROJECT GLOBE 401 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION IN GLOBE  
 6799005 MW 3:10-4:00, ARRANGED  
 MEETS: AUG 20-DEC 14

SENIOR PROJ HONORS GLOBE 401H 3 CREDITS  
 8914005 MW 3:10-4:00, ARRANGED  
 MEETS: AUG 20-DEC 14

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 490 (ANY DEPT) MAY BE  
 APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS  
 8687005 ARRANGED  
 MEETS: AUG 20-DEC 14

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 ARRANGED  
 MEETS: AUG 20-DEC 14

IND STDY SERVCE 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 2018.  
 6823005 ARRANGED  
 W 5:10-6:30PM  
 MEETS: AUG 20-DEC 14

SERV LRNG DOMESTIC GLOBE 494B VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 3604005 ARRANGED  
 MEETS: AUG 20-DEC 14

SVC LRNG U.S.DVRSTY GLOBE 494C 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Meets U.S. diversity reqmt  
 9775005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS  
 6903005 ARRANGED  
 MEETS: AUG 20-DEC 14

**GRADUATE STUDIES**

PREP PUBLSHBL THSIS GR ST 529 3 CREDITS  
 Prereq: INSTRUCTOR PERMISSION  
 9736005 1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.  
 9736010 2 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

RSPBL RSRCH CONDUCT GR ST 565 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 7866005 1 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 7866015 3 R 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7866030 6 F 11:00-11:50  
 MEETS: AUG 20-DEC 14

GRADUATE STUDIES (CONTINUED)

PREP FUTR FACLT SEM GR ST 585 2 CREDITS  
 Prereq: ONE YEAR OF GRADUATE COURSE WORK;  
 ADMISSION INTO PFF PROGRAM  
 8114005 1 T 6:30-8:30PM  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

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 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

PREP FTR FAC SPL TP GR ST 588 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,  
 CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586  
 8341005 1 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 IS TAR  
 8341010 2 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 IS PFF  
 8341015 3 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 IS CIRTLL

DOC PRELIM REGISTRA GR ST 680 R CREDIT  
 Note: SEE GRADUATE COLLEGE HANDBOOK FOR REQUIREMENTS.  
 THE SIGNATURE THAT IS REQUIRED IS THAT OF THE  
 GRADUATE COLLEGE, 1137 PEARSON.  
 College permission required.  
 7349005 ARRANGED  
 MEETS: AUG 20-DEC 14

REQD REG:DOC CONTIN GR ST 681A 1 CREDIT  
 Prereq: MUST HAVE TAKEN AND PASSED PRELIMINARY  
 ORAL EXAM  
 Note: CREDIT IN GR ST 681A MAY NOT BE APPLIED  
 TOWARD GRADUATION  
 Satisfactory-Fail Only.  
 8116005 ARRANGED  
 MEETS: AUG 20-DEC 14

REQD REG:FINAL EXAM GR ST 681B 1 CREDIT  
 Prereq: MUST HAVE COMPLETED ALL NECESSARY PROGRAM  
 REQUIREMENTS TO TAKE FINAL EXAM  
 Note: CREDIT IN GR ST 681B MAY NOT BE APPLIED  
 TOWARD GRADUATION  
 Satisfactory-Fail Only.  
 8117005 ARRANGED  
 MEETS: AUG 20-DEC 14

REQD REG:GRAD ASST GR ST 681C 1 CREDIT  
 Prereq: MUST BE A GRADUATE ASSISTANT  
 Note: CREDIT IN GR ST 681C MAY NOT BE APPLIED  
 TOWARD GRADUATION  
 Satisfactory-Fail Only.  
 8122005 ARRANGED  
 MEETS: AUG 20-DEC 14

PRACTICAL TRAINING GR ST 697 R CREDIT  
 6905005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE REQUIRED APPROVAL SIGNATURE SHOULD BE  
 OBTAINED IN 1137 PEARSON HALL  
 College permission required.

**GRAPHIC DESIGN**

GRAPH DSGN STUDIO I ARTGR 270 3 CREDITS  
 Prereq: DSN S 102, DSN S 131 AND ENROLLMENT IN  
 ARTGR 275; ADMISSION TO THE GRAPHIC DESIGN PROGRAM  
 THROUGH DEPARTMENT REVIEW  
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS  
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.  
 1785005 A TR 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 1785010 B TR 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 1785015 C TR 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 1785020 D TR 8:00-10:50  
 MEETS: AUG 20-DEC 14

DG PHOTO FOR GR DSN ARTGR 272 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR  
 ARTGR 271  
 9179005 A MW 10:00-12:50  
 MEETS: AUG 20-DEC 14  
 9179010 B MW 2:10-5:00  
 MEETS: AUG 20-DEC 14

GRAPHIC TECHNOLOGY I ARTGR 275 2 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN ARTGR 270  
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS  
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.  
 5281005 A ARRANGED, MW 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5281010 B ARRANGED, MW 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5281015 C ARRANGED, MW 8:00-9:50  
 MEETS: AUG 20-DEC 14

## GRAPHIC DESIGN (CONTINUED)

GRAPHIC TECHNOLOGY I ARTGR 275 2 CREDITS  
5281020 D ARRANGED, MW 8:00-9:50  
MEETS: AUG 20-DEC 14

VISUAL COMMUNICATIONS ARTGR 281 3 CREDITS  
6024005 1 T 2:10-3:30, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS WWW

6024010 2 T 2:10-3:30, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS WWW

6024015 3 R 2:10-3:30, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS WWW

6024020 4 R 2:10-3:30, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS WWW

GRAPHIC DESIGN STUDIO 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 A MW 10:00-12:50  
MEETS: AUG 20-DEC 14

1819010 B MW 10:00-12:50  
MEETS: AUG 20-DEC 14

1819015 C MW 10:00-12:50  
MEETS: AUG 20-DEC 14

1819020 D MW 10:00-12:50  
MEETS: AUG 20-DEC 14

GRAPHIC DESIGN HISTORY, THEORY, AND CRITICISM ARTGR 387 3 CREDITS  
1833005 A MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

DIGITAL IMAGING ARTGR 464 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370 OR  
ARTGR 371 OR ARTGR 470

4227005 MW 2:10-5:00  
MEETS: AUG 20-DEC 14

GRAPHIC DESIGN STUDIO V ARTGR 470 3 CREDITS  
Prereq: 371, ENROLLMENT IN A 2-CREDIT OPTION  
Note: Instructor permission required 1st week.

1854005 A TR 11:00-2:00  
MEETS: AUG 20-DEC 14  
Note: SECTION A RESTRICTED TO ARTGR MAJORS

1854010 B TR 11:00-2:00  
MEETS: AUG 20-DEC 14  
Note: SECTION B RESTRICTED TO ARTGR MAJORS

1854015 C TR 11:00-2:00  
MEETS: AUG 20-DEC 14  
Note: SECTION C RESTRICTED TO ARTGR MAJORS

EXHIBITION DESIGN ARTGR 474 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR  
371, ARTGR 470, OR ARTGR 482  
Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY

1868005 MW 2:10-5:00  
MEETS: AUG 20-DEC 14

ADVANCED TYPOGRAPHY ARTGR 475 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR  
371, ARTGR 470 OR ARTGR 482  
Note: COURSE RESTRICTED TO ARTGR MAJORS

1888005 A TR 2:10-5:00  
MEETS: AUG 20-DEC 14

GRAPHIC DESIGN METHODOLOGY ARTGR 476 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR  
371, ARTGR 470 OR ARTGR 482

1889005 TR 2:10-5:00  
MEETS: AUG 20-DEC 14

STUDIES IN GRAPHIC DESIGN ARTGR 484 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018.  
RESTRICTED TO ARTGR MAJORS ONLY.  
Instructor permission required 1st week.

8261005 1 TR 12:40-3:30  
MEETS: AUG 20-DEC 14

INDUSTRIAL THEORY, CRITICISM 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

INDUSTRIAL DESIGN 2-D 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

INDUSTRIAL DESIGN 3-D 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

## GRAPHIC DESIGN (CONTINUED)

INDEPENDENT STUDY HONORS ARTGR 490H 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT,  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY

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

INDEPENDENT STUDY 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

GRAPHIC DESIGN FIELD STUDY ARTGR 497 1 CREDIT  
Prereq: ACCEPTANCE TO THE UNDERGRADUATE OR  
GRADUATE PROGRAMS IN GRAPHIC DESIGN  
Satisfactory-Fail Only.

8803005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

GRAPHIC DESIGN THEORY ARTGR 510 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION IN COLLEGE  
OF DESIGN OR PERMISSION OF INSTRUCTOR

5947005 T 1:10-4:00  
MEETS: AUG 20-DEC 14

GRAPHIC DESIGN STUDIO I ARTGR 511 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION IN COLLEGE  
OF DESIGN OR PERMISSION OF INSTRUCTOR

6006005 MW 2:10-5:00  
MEETS: AUG 20-DEC 14

AUDIENCE & PERCEPTION ARTGR 512 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION IN COLLEGE  
OF DESIGN OR PERMISSION OF INSTRUCTOR

6038005 TR 10:00-12:50  
MEETS: AUG 20-DEC 14

GRAPHIC DESIGN THESIS PREP ARTGR 531X 1 CREDIT  
Prereq: ACCEPTANCE TO GRAPHIC DESIGN GRAD PROGRAM  
Satisfactory-Fail Only.

8904005 M 10:00-11:50  
MEETS: AUG 20-OCT 12

DIGITAL IMAGING ARTGR 564 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370 OR  
ARTGR 371 OR ARTGR 470  
Note: COURSE IS RESTRICTED TO GRADUATE STUDENTS ONLY

2169005 MW 2:10-5:00  
MEETS: AUG 20-DEC 14

EXHIBITION DESIGN ARTGR 574 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370  
OR ARTGR 371 OR ARTGR 470; OR GRAD CLASSIFICATION  
IN THE COLLEGE OF DESIGN

2047005 MW 2:10-5:00  
MEETS: AUG 20-DEC 14

ADVANCED TYPOGRAPHY ARTGR 575 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370  
OR ARTGR 371 OR ARTGR 470; OR GRAD CLASSIFICATION  
IN THE COLLEGE OF DESIGN

2113005 A TR 2:10-5:00  
MEETS: AUG 20-DEC 14

GRAPHIC DESIGN METHODOLOGY ARTGR 576 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370  
OR ARTGR 371 OR ARTGR 470; OR GRAD CLASSIFICATION  
IN THE COLLEGE OF DESIGN

2058005 TR 2:10-5:00  
MEETS: AUG 20-DEC 14

DESIGN FOR E-COMMERCE ARTGR 578 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370  
OR ARTGR 371 OR ARTGR 470; OR GRAD CLASSIFICATION  
IN THE COLLEGE OF DESIGN

2121005 MW 2:10-5:00  
MEETS: AUG 20-DEC 14

STUDIES IN GRAPHIC DESIGN ARTGR 584 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
Instructor permission required 1st week.

8262005 1 TR 12:40-3:30  
MEETS: AUG 20-DEC 14

GRAPHIC DESIGN HISTORY/THEORY I ARTGR 587 3 CREDITS  
Prereq: GRAD CLASSIFICATION  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
Instructor permission required 1st week.

7561005 A MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

## GRAPHIC DESIGN

(CONTINUED)

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 ENROLLMT.  
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 ENROLLMT.  
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

GRPH DSGN&USABILTY ARTGR 672A 3 CREDITS  
Prereq: ARTGR 570, ARTGR 571, AND GRADUATE  
ENROLLMENT IN COLLEGE OF DESIGN OR PERMISSION OF  
INSTRUCTOR  
Note: Instructor permission required 1st week.  
4072005 TR 10:00-12:50  
MEETS: AUG 20-DEC 14

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  
4081005 1A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO KIN H, A TR, P ATR MAJORS  
4081010 1B MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
4081015 2A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC 2A RESTRICTED TO KIN H, A TR, P ATR MAJORS  
4081020 2B MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
4081025 3A TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: SEC 3A RESTRICTED TO KIN H, A TR, P ATR MAJORS  
4081030 3B TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
4081035 4A TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
Note: SEC 4A RESTRICTED TO KIN H, A TR, P ATR MAJORS  
4081040 4B TR 11:00-12:15  
MEETS: AUG 20-DEC 14

PERS &CONSUMER HLTH H S 110 3 CREDITS  
4082005 1A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO A TR, P ATR, PDEXA,  
PDEXH, KIN H MAJORS  
4082010 1B MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
4082015 2A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Note: SEC 2A RESTRICTED TO A TR, P ATR, PDEXA,  
PDEXH, KIN H MAJORS  
4082020 2B MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
4082035 3A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 3A RESTRICTED TO A TR, P ATR, PDEXA,  
PDEXH, KIN H MAJORS  
4082036 3B MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
4082040 4A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC 4A RESTRICTED TO A TR, P ATR, PDEXA,  
PDEXH, KIN H MAJORS  
4082045 4B MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
4082055 5A TR 11:00-12:20  
MEETS: AUG 20-DEC 14  
Note: SEC 5A RESTRICTED TO A TR, P ATR, PDEXA,  
PDEXH, KIN H MAJORS  
4082060 5B TR 11:00-12:20  
MEETS: AUG 20-DEC 14  
4082065 6A TR 11:00-12:20  
MEETS: AUG 20-DEC 14  
Note: SEC 6A RESTRICTED TO A TR, P ATR, PDEXA,

## HEALTH STUDIES

(CONTINUED)

PERS &CONSUMER HLTH H S 110 3 CREDITS  
PDEXH, KIN H MAJORS  
4082070 6B TR 11:00-12:20  
MEETS: AUG 20-DEC 14  
4082075 7A ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 7A RESTRICTED TO A TR, P ATR, PDEXA,  
PDEXH, KIN H SOPH, JR & SR  
Course delivery is WWW  
4082080 7B ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 7B RESTRICTED TO SOPH, JR & SR  
Course delivery is WWW

DRUG EDUCATION H S 215 3 CREDITS  
Prereq: PSYCH 101 OR PSYCH 230  
4083005 1A TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO KIN H, A TR, P ATR  
MAJORS ONLY  
4083010 1B TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
4083015 2A TR 8:00-9:20  
MEETS: AUG 20-DEC 14  
Note: SEC 2A RESTRICTED TO KIN H, A TR, P ATR  
MAJORS ONLY  
4083020 2B TR 8:00-9:20  
MEETS: AUG 20-DEC 14

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 20-DEC 14

PRE-INTERN KIN&HLTH H S 285 1- 2 CREDITS  
Prereq: KINESIOLOGY AND HEALTH MAJOR, AND  
PERMISSION OF INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
2051005 ARRANGED  
MEETS: AUG 20-DEC 14  
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 9:00-9:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,  
KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY  
4086010 2 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
A TR, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEXH

COMMUN&PUBLIC HEALTH H S 310 3 CREDITS  
Prereq: H S 110  
4087005 1A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO KIN H JUNIORS  
AND SENIORS  
4087010 1B MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

HUMAN DISEASES H S 350 3 CREDITS  
Prereq: H S 110 AND BIOL 255, BIOL 256  
4088005 1A TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO KIN H, D EXA, D EXH, PDEXA,  
PDEXH, A TR, P ATR JUNIORS AND SENIORS  
4088010 1B TR 12:40-2:00  
MEETS: AUG 20-DEC 14

TEACH-LEARN HLTH ED H S 375 3 CREDITS  
Prereq: H S 105, H S 110, H S 215  
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 20-DEC 14

WRKSITE HLTH PROMOT H S 380 3 CREDITS  
Prereq: KIN 258, KIN 366  
Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR,  
PDEXA, PDEXH, KIN H JUNIORS AND SRS  
3795005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
3795010 2 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

INTERNSH SRCH STRAT H S 385 .5 CREDIT  
Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN  
MINIMUM OF TWO SEMESTERS PRIOR TO KIN 485  
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 20-OCT 12  
3789010 2 F 1:10-2:00, ARRANGED  
MEETS: AUG 20-OCT 12

HEALTH STUDIES

(CONTINUED)

SUPV TCHG HLTH,SCDY H S 417A 16 CREDITS  
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED  
 Note: SPECIAL COURSE FEE OF \$210 APPLIES.  
 Department permission required.  
 9508005 ARRANGED  
 MEETS: AUG 20-DEC 14

TEACH HLTH SEC,ADDL H S 417B VAR. CREDITS  
 Prereq: H S 375, ADVANCE REGISTRATION REQUIRED  
 Note: SPECIAL COURSE FEE OF \$210 APPLIES.  
 Department permission required.  
 9507005 ARRANGED  
 MEETS: AUG 20-DEC 14

COMM HLTH PROG DEV H S 430 3 CREDITS  
 Prereq: H S 380  
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, KIN H,  
 P ATR JUNIORS AND SENIORS  
 4093005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

PHY ACTVTY EPIDEMIO H S 464 3 CREDITS  
 Prereq: KIN 358 OR H S 350; STAT 101 OR STAT 401  
 9726005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

INTERNSHP HLTH STDI H S 485 8-16 CREDITS  
 Prereq: SENIOR CLASSIFICATION AND ADVANCE  
 REGISTRATION  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 4095005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 4095600 XW ARRANGED POWER D  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is Independent study

INDEPENDENT STUDY H S 490 1- 3 CREDITS  
 Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR  
 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

**HIGHER EDUCATION**

LDRSP:SELF&INTERACT HG ED 540 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 7956005 1 T 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

LDR&TEAM:KNOW,DO,BE HG ED 542 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 7952005 1 T 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

EQUITY,DVRS STU AFF HG ED 573 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 6531005 1 T 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 6531010 2 T 1:10-4:00  
 MEETS: AUG 20-DEC 14

STUDNT 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 20-DEC 14  
 4116010 2 W 1:10-4:00  
 MEETS: AUG 20-DEC 14

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 W 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 4117010 2 W 1:10-4:00  
 MEETS: AUG 20-DEC 14

STUDENTS AMER 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 M 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 7348010 2 TR 9:00-11:50  
 MEETS: AUG 20-DEC 14

HIGHER EDUCATION

(CONTINUED)

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

WORKSHOPS HG ED 593 1- 5 CREDITS  
 Prereq: 15 CREDITS IN EDUCATION  
 4136005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Course delivery is WWW

CAPSTONE SEMINAR HG ED 598 3 CREDITS  
 6275005 1 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

CREATIVE COMPONENT HG ED 599 VAR. CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FINANCING HIGHER ED HG ED 665 3 CREDITS  
 4147005 1 T 5:30-8:30PM  
 MEETS: AUG 20-DEC 14

ACAD ISSUES&CULTURS HG ED 666 3 CREDITS  
 7319005 1 M 5:30-8:20PM  
 MEETS: AUG 20-DEC 14

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

**HISTORICAL, PHILOSOPHICAL & COMP ED**

HIST OF EDUC IN U S H P C 582 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 3605005 1 W 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

SPCL TOP HIST OF ED H P C 590A 1- 3 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHIL OF ED H P C 590B 1- 5 CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPC COMPAR ED H P C 590C 1- 5 CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT H P C 599 1- 3 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS H P C 690 1- 3 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH H P C 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HISTORY**

INTRODUC TO HISTORY HIST 195 1 CREDIT  
 Prereq: CLASSIFICATION AS A HISTORY MAJOR  
 Note: COURSE RESTRICTED TO HIST MAJORS ONLY  
 9223005 W 10:00-10:50  
 MEETS: AUG 20-DEC 14

HISTORY

(CONTINUED)

INTRO WESTERN CIV I HIST 201 3 CREDITS  
 Note: Meets international perspectives reqmt  
 4150005 1 MW 9:00-9:50 BAILEY M  
 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 4150010 2 MW 9:00-9:50 BAILEY M  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 4150015 3 MW 9:00-9:50 BAILEY M  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 4150020 4 MW 9:00-9:50 BAILEY M  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 4150025 5 MW 9:00-9:50 BAILEY M  
 F 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 4150030 6 MW 9:00-9:50 BAILEY M  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 4150035 7 MW 9:00-9:50 BAILEY M  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 4150040 8 MW 9:00-9:50 BAILEY M  
 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 4150045 9 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

INTR WESTERN CIV II HIST 202 3 CREDITS  
 Note: Meets international perspectives reqmt  
 4151005 1 MW 12:10-1:00 BEST J  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 4151010 2 MW 12:10-1:00 BEST J  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 4151015 3 MW 12:10-1:00 BEST J  
 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 4151020 4 MW 12:10-1:00 BEST J  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 4151025 5 MW 2:10-3:00 CORDERY S  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 4151030 6 MW 2:10-3:00 CORDERY S  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 4151035 7 MW 2:10-3:00 CORDERY S  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 4151040 8 MW 2:10-3:00 CORDERY S  
 F 2:10-3:00  
 MEETS: AUG 20-DEC 14

ANCIENT EMPIRES HIST 211X 3 CREDITS  
 Note: Meets international perspectives reqmt  
 8921005 1 MW 11:00-11:50  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 8921010 2 MW 11:00-11:50  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 8921015 3 MW 11:00-11:50  
 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 8921020 4 MW 11:00-11:50  
 F 11:00-11:50  
 MEETS: AUG 20-DEC 14

SURVEY U.S. HIST I HIST 221 3 CREDITS  
 4155005 1 MW 12:10-1:00 BREMER J  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 4155010 2 MW 12:10-1:00 BREMER J  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 4155015 3 MW 12:10-1:00 BREMER J  
 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 4155020 4 MW 12:10-1:00 BREMER J  
 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 4155025 5 MW 1:10-2:00 COURTWRIGHT J  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 4155030 6 MW 1:10-2:00 COURTWRIGHT J  
 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 4155035 7 MW 1:10-2:00 COURTWRIGHT J  
 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 4155040 8 MW 1:10-2:00 COURTWRIGHT J  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14

HISTORY

(CONTINUED)

SURVEY U.S. HIST II HIST 222 3 CREDITS  
 4156005 1 MW 10:00-10:50 CORDERY S  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 4156010 2 MW 10:00-10:50 CORDERY S  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 4156015 3 MW 10:00-10:50 CORDERY S  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 4156020 4 MW 10:00-10:50 CORDERY S  
 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 4156025 5 MW 11:00-11:50 RINEY-KEHRBERG P  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 4156030 6 MW 11:00-11:50 RINEY-KEHRBERG P  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 4156035 7 MW 11:00-11:50 RINEY-KEHRBERG P  
 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 4156040 8 MW 11:00-11:50 RINEY-KEHRBERG P  
 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 4156045 9 TR 8:00-9:20 MCDONNELL L  
 MEETS: AUG 20-DEC 14

INTR ASIAN AMER STU HIST 225 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 9579005 TR 12:40-2:00 DUSSELIER J  
 MEETS: AUG 20-DEC 14

AMER POPULAR CULTUR HIST 307 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 3890600 XW ARRANGED BIX A  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

MEDIEV EUR 300-1500 HIST 316 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 3229005 MWF 11:00-11:50 BAILEY M  
 MEETS: AUG 20-DEC 14

ENGLAND 1525-1700 HIST 325 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 4169005 TR 2:10-3:30 GRIFFITHS P  
 MEETS: AUG 20-DEC 14

ISLAMC WRLD TO 1800 HIST 331 3 CREDITS  
 Prereq: 3 CREDITS OF 200-LEVEL HISTORY AT  
 IOWA STATE, SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORE OR ABOVE  
 4266005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

ASIAN AM MATRL CULT HIST 333 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 2369005 TR 8:00-9:20 DUSSELIER J  
 MEETS: AUG 20-DEC 14

HIS CHINA 1644-1912 HIST 336 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Meets international perspectives reqmt  
 4171005 TR 11:00-12:20 WANG T  
 MEETS: AUG 20-DEC 14

HIST LATIN AMERI II HIST 341 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Meets international perspectives reqmt  
 4175005 TR 2:10-3:30 HERNANDEZ B  
 MEETS: AUG 20-DEC 14

GLOBAL ENVIRON HIST HIST 362 3 CREDITS  
 Prereq: HIST 201 OR HIST 202 OR HIST 207 OR  
 3 CREDITS OF ENV S; SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 4395005 TR 12:40-2:00 LOW M  
 MEETS: AUG 20-DEC 14

AMER AGRI I:TO 1865 HIST 365 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 4179005 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

HIST OF AMER WOMEN HIST 386 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Meets U.S. diversity reqmt  
 4187005 1 MW 3:10-4:30 DUSSELIER J  
 MEETS: AUG 20-DEC 14  
 4187600 XW ARRANGED BIX A  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

HISTORY (CONTINUED)

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 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

GREEK CIVILIZATION HIST 402 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Instructor permission required 1st week.  
 4192005 MW 3:10-4:30 HOLLANDER D  
 MEETS: AUG 20-DEC 14

FRANCE: 1715-1815 HIST 420 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 7629005 TR 11:00-12:20 MONROE J  
 MEETS: AUG 20-DEC 14

RUSSIA SINCE 1850 HIST 422 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Meets international perspectives reqmt  
 4205005 MWF 12:10-1:00 ANDREWS J  
 MEETS: AUG 20-DEC 14

HIST MODERN GERMANY HIST 424 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 7235005 MWF 10:00-10:50 BEST J  
 MEETS: AUG 20-DEC 14

MOD MEXICO & C AMER HIST 441 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 1199005 TR 9:30-10:50 HERNANDEZ B  
 MEETS: AUG 20-DEC 14

COLONIAL AMERICA HIST 450 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Instructor permission required 1st week.  
 7968005 TR 2:10-3:30 KEHRBERG R  
 MEETS: AUG 20-DEC 14

EARLY AMER REPUBLIC HIST 454 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 4216005 TR 11:00-12:20 MCDONNELL L  
 MEETS: AUG 20-DEC 14

HIST AMER SEXUALITI HIST 457X 3 CREDITS  
 Prereq: CREDIT IN ONE OF HIST 221, HIST 222,  
 W S 201, W S 203, OR W S 205  
 8519005 TR 12:40-2:00 RUTENBERG A  
 MEETS: AUG 20-DEC 14

EXPERC III:HIST/SOC HIST 480A 2 CREDITS  
 Prereq: FULL ADMISSION TO THE UNIVERSITY  
 TEACHER EDUCATION PROGRAM  
 Note: COURSE RESTRICTED TO HIST, POL S MAJORS  
 WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY  
 TEACHER EDUCATION PROGRAM  
 8693005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THERE IS A SPECIAL COURSE FEE OF \$90 FOR THIS  
 COURSE

PUBLIC HISTORY HIST 481X 3 CREDITS  
 Prereq: HIST 221, HIST 222  
 8468005 TR 9:30-10:50 BARRON M  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY HIST 490 1- 3 CREDITS  
 Prereq: 9 CREDITS IN HISTORY; PERMISSION OF  
 DEPARTMENT CHAIR  
 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

HISTRIOG&RESRCH WRT HIST 495 3 CREDITS  
 Prereq: SR HISTORY MAJORS WITH AT LEAST 12 CR OF  
 300+ LEVEL HISTORY COURSES  
 Note: COURSE RESTRICTED TO HIST SENIORS ONLY  
 4238005 1 M 10:00-12:50 CORDERY S  
 MEETS: AUG 20-DEC 14  
 4238010 2 R 2:10-5:00 MONROE J  
 MEETS: AUG 20-DEC 14

MTHDS TCHG HIST/SOC HIST 498 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN C I 480A;  
 ADMISSION TO TEACHER EDUC; 30 CREDITS IN SUBJECT-  
 MATTER FIELD  
 Note: RESTRICTED TO HIST, POL S MAJORS WITH FULL  
 OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER  
 EDUCATION PROGRAM  
 7032005 M 6:10-9:00PM BREMER J  
 MEETS: AUG 20-DEC 14

HISTORY (CONTINUED)

READGS SMNR E ASIAN HIST 510 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 4239005 R 5:10-8:00PM WANG T  
 MEETS: AUG 20-DEC 14

RDGS SEM COLNIAL AM HIST 511A 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 4240005 W 5:10-8:00PM COURTWRIGHT J  
 MEETS: AUG 20-DEC 14

SPECIAL TOPICS HIST 590 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMNR MODERN EUROPE HIST 594C 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 4276005 M 3:10-5:00 ANDREWS J  
 MEETS: AUG 20-DEC 14

CREATIVE COMPONENT HIST 599 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HIST 699 1- 6 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS

FIRST-YR HONORS SEM HON 121 1 CREDIT  
 Prereq: MEMBERSHIP IN THE FRESHMAN HONORS PROGRAM  
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS  
 ENTERING ISU SUMMER 2017 OR FALL 2017  
 Satisfactory-Fail Only.

4623015 A1 MW 10:00-10:50  
 MEETS: AUG 20-DEC 14

4623020 A2 MW 10:00-10:50  
 MEETS: AUG 20-DEC 14

4623025 A3 MW 10:00-10:50  
 MEETS: AUG 20-DEC 14

4623030 B1 MW 11:00-11:50  
 MEETS: AUG 20-DEC 14

4623035 B2 MW 11:00-11:50  
 MEETS: AUG 20-DEC 14

4623040 B3 MW 11:00-11:50  
 MEETS: AUG 20-DEC 14

4623045 C1 MW 12:10-1:00  
 MEETS: AUG 20-DEC 14

4623050 C2 MW 12:10-1:00  
 MEETS: AUG 20-DEC 14

4623055 C3 MW 12:10-1:00  
 MEETS: AUG 20-DEC 14

4623060 D1 MW 1:10-2:00  
 MEETS: AUG 20-DEC 14

4623065 D2 MW 1:10-2:00  
 MEETS: AUG 20-DEC 14

4623070 D3 MW 1:10-2:00  
 MEETS: AUG 20-DEC 14

4623075 E1 MW 2:10-3:00  
 MEETS: AUG 20-DEC 14

4623080 E2 MW 2:10-3:00  
 MEETS: AUG 20-DEC 14

4623085 E3 MW 2:10-3:00  
 MEETS: AUG 20-DEC 14

4623090 F1 MW 3:10-4:00  
 MEETS: AUG 20-DEC 14

4623095 F2 MW 3:10-4:00  
 MEETS: AUG 20-DEC 14

4623100 F3 MW 3:10-4:00  
 MEETS: AUG 20-DEC 14

4623105 G1 TR 10:00-10:50  
 MEETS: AUG 20-DEC 14

4623110 G2 TR 10:00-10:50  
 MEETS: AUG 20-DEC 14

4623115 G3 TR 10:00-10:50  
 MEETS: AUG 20-DEC 14

4623120 H1 TR 11:00-11:50  
 MEETS: AUG 20-DEC 14

4623125 H2 TR 11:00-11:50  
 MEETS: AUG 20-DEC 14

4623130 H3 TR 11:00-11:50  
 MEETS: AUG 20-DEC 14

4623135 J1 TR 12:10-1:00  
 MEETS: AUG 20-DEC 14

4623140 J2 TR 12:10-1:00  
 MEETS: AUG 20-DEC 14

4623145 J3 TR 12:10-1:00  
 MEETS: AUG 20-DEC 14

4623150 K1 TR 1:10-2:00  
 MEETS: AUG 20-DEC 14

4623155 K2 TR 1:10-2:00  
 MEETS: AUG 20-DEC 14

4623160 K3 TR 1:10-2:00  
 MEETS: AUG 20-DEC 14

4623165 L1 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14

4623170 L2 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14

4623175 L3 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14

4623180 M1 MW 4:10-5:00  
 MEETS: AUG 20-DEC 14

HONORS

(CONTINUED)

FIRST-YR HONORS SEM HON 121 1 CREDIT  
 4623185 M2 MW 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 4623190 M3 MW 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 4623195 N1 MW 5:10-6:00PM  
 MEETS: AUG 20-DEC 14

SPL PRB HONORS RESR HON 290U VAR. CREDITS  
 Prereq: MEMBERSHIP IN AND PERMISSION OF THE  
 UNIVERSITY HONORS PROGRAM  
 Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY  
 HONORS PROGRAM  
 Satisfactory-Fail Only.  
 4044005 ARRANGED  
 MEETS: AUG 20-DEC 14

HONOR LEADERSHP SEM HON 302 2 CREDITS  
 Prereq: SELECTN AS LEADER OF FRESHMAN HONORS SEM  
 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

UNIV HONORS SEMINAR HON 321 1- 2 CREDITS  
 Prereq: MEMBERSHIP IN THE HONORS PROGRAM  
 Note: CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS.  
 COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY  
 HONORS PROGRAM.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNIV HONORS SEMINAR HON 323 1- 2 CREDITS  
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS.  
 COURSE 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 UNIV HONORS PROGRAM,  
 PERMISSION OF FACULTY DIRECTOR OF UNIV HONORS PROGRAM  
 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 A R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A RESTRICTED TO HORT MAJORS ONLY  
 4291010 B ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC B IS FOR HORT TRANSFER STUDENTS ONLY

HOME HORTICULTURE HORT 121 2 CREDITS  
 Note: HORT JUNIORS & SENIORS WHO WISH TO REGISTER  
 FOR THIS CLASS MUST OBTAIN ADVANCE APPROVAL FROM  
 THE INSTRUCTOR  
 4292005 MW 3:10-4:00  
 MEETS: AUG 20-DEC 14

HANDS-ON HOME HORTI HORT 122 1 CREDIT  
 5497005 A M 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5497010 B M 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5497015 C M 1:10-2:00  
 MEETS: AUG 20-DEC 14

PRIN HORTICULTR SCI HORT 221 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211  
 4296005 A MW 10:00-10:50  
 T 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 4296010 B MW 10:00-10:50  
 R 2:10-4:00  
 MEETS: AUG 20-DEC 14

LANDSCP TREES, SHRUB HORT 240 3 CREDITS  
 6183005 MW 1:10-2:00  
 W 2:10-5:00  
 MEETS: AUG 20-DEC 14

LANDSCAPE GRAPHICS HORT 281 2 CREDITS  
 9233005 A WF 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 9233010 B WF 1:10-3:00  
 MEETS: AUG 20-DEC 14

HORTICULTURE

(CONTINUED)

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 ARRANGED  
 MEETS: AUG 20-DEC 14

HORTICUL PHYSIOLOGY HORT 321 3 CREDITS  
 Prereq: HORT 221 OR BIOL 211  
 6421005 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

HERBA ORNMTL PLANTS HORT 330 3 CREDITS  
 Prereq: HORT 221 OR BY PERMISSION OF INSTRUCTOR  
 4436005 A TR 11:00-11:50  
 T 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 4436010 B TR 11:00-11:50  
 R 2:10-4:00  
 MEETS: AUG 20-DEC 14

HYDROPONC FOOD CROP HORT 331 3 CREDITS  
 Prereq: HORT 221 OR AGRON 181 OR 3 CREDITS  
 IN BIOLOGICAL SCIENCES  
 5344005 A MW 1:10-2:00  
 M 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5344010 B MW 1:10-2:00  
 W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5344015 C MW 1:10-2:00  
 F 12:10-2:00  
 MEETS: AUG 20-DEC 14

SEED SCIENCE&TECHNL HORT 338 3 CREDITS  
 Prereq: AGRON 114 OR HORT 221, BIOL 211  
 7262005 1 TR 9:30-10:45  
 R 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO SEEDS MAJORS ONLY  
 7262010 2 TR 9:30-10:45  
 R 2:10-5:00  
 MEETS: AUG 20-DEC 14

LANDSCP PLANT ESTAB HORT 342 3 CREDITS  
 Prereq: HORT 240 OR L A 221 OR L A 222  
 4308005 TR 9:30-10:20  
 T 1:10-4:00  
 MEETS: AUG 20-DEC 14

TURFGRASS ESTAB&MGT HORT 351 3 CREDITS  
 Prereq: HORT 221 OR AGRON 181 (OR EQUIVALENT)  
 OR BIOL 211  
 4309005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

TURFGR ESTB&MGT LAB HORT 351L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN HORT 351  
 4310005 A M 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 4310010 B W 2:10-5:00  
 MEETS: AUG 20-DEC 14

SOILS &PLANT GROWTH HORT 354 3 CREDITS  
 Prereq: AGRON 154 AND BIOL 101 OR BIOL 211  
 8494015 1 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

SOIL&PLANT GRWTH LB HORT 354L 1 CREDIT  
 Prereq: AGRON OR HORT MAJOR WITH CREDIT OR  
 ENROLLMENT IN AGRON 354  
 8496005 A T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 8496010 B R 11:00-2:00  
 MEETS: AUG 20-DEC 14  
 8496015 C R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

FUND FLD PRD FD CRP HORT 376 3 CREDITS  
 Prereq: HORT 221 OR AGRON 181  
 8283005 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

HORT MGT EXPERIENCE HORT 391 1 CREDIT  
 Prereq: HORT 221 OR PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED  
 TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMNTS.  
 2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED  
 TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



HORTICULTURE (CONTINUED)

HORTICULTURE (CONTINUED)

COOPERATIVE EDUCATN HORT 398 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT RESOURCE AND CAREER CENTER COORDINATOR  
 Satisfactory-Fail Only.  
 3652005 ARRANGED  
 MEETS: AUG 20-DEC 14

INTRO PLANT BREEDNG HORT 421 3 CREDITS  
 Prereq: GEN 320 OR BIOL 313  
 6158005 1 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

LANDSCP CONSTRU MGT HORT 444 3 CREDITS  
 1037005 A MW 11:00-11:50  
 M 2:10-5:00  
 MEETS: AUG 20-DEC 14

HORT MGMT &ADMINIST HORT 445 2 CREDITS  
 Prereq: HORT 221 AND JUNIOR OR SENIOR CLASSIFICATION  
 4053005 MW 8:00-8:50  
 MEETS: AUG 20-DEC 14

SPORTS TURF MANAGMT HORT 453 3 CREDITS  
 Prereq: HORT 351  
 7422005 A T 3:40-6:30PM  
 MEETS: AUG 20-DEC 14

URBAN FORESTRY HORT 475 3 CREDITS  
 Prereq: JR OR SR CLASSIFICATION, 3 CR IN BIOLOGY  
 5130005 A TR 10:00-10:50  
 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

ADV GARDEN COMPSITN HORT 481 2 CREDITS  
 Prereq: HORT 240 AND HORT 330 AND HORT 380 AND HORT 381  
 Note: RESTRICTED TO HORT MAJORS - FOR HORT DESIGN OPTION MAJORS ONLY. OTHERS BY PERMISSION OF INSTRUCTOR.  
 7236005 TR 11:00-12:50  
 MEETS: AUG 20-DEC 14

IND ST GREENHS CROP HORT 490A VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR 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 HORTICULTURE OR 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 HORTICULTURE OR 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 HORTICULTURE OR 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 HORTICULTURE OR 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 CROSS-COMMO HORT 490F VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR 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 HORTICULTURE OR 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 HORTICULTURE OR 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 HORTICULTURE OR 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, ADVANCED APPROVAL AND PARTICIPATION OF EMPLOYER AND INSTRUCTOR  
 Note: Instructor permission required.  
 9370005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

SERV C 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 ARRANGED  
 MEETS: AUG 20-DEC 14

RESEARCH ORIENTATN HORT 530 2 CREDITS  
 2306005 A T 3:10-5:00  
 MEETS: AUG 20-DEC 14

SEED PHYSIOLOGY HORT 538 2 CREDITS  
 Prereq: AGRON 316; CHEM 231 OR CHEM 331  
 1115005 W 12:10-2:00  
 MEETS: AUG 20-DEC 14

INTRO DNA TECHNIQS HORT 542A 1 CREDIT  
 Satisfactory-Fail Only.  
 3106005 1 TR 1:10-2:00 BAKER M  
 TR 2:10-4:00 BAKER M  
 MEETS: AUG 21-SEPT 20

INTRO CELL TECHNIQS HORT 542C 1 CREDIT  
 Satisfactory-Fail Only.  
 3107005 1 TR 1:10-2:00 BAKER M  
 TR 2:10-4:00 BAKER M  
 MEETS: OCT 30-DEC 6

INTR PROTEOMCS TCNQ HORT 542E 1 CREDIT  
 Satisfactory-Fail Only.  
 3168005 1 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: NOV 12-DEC 14

INTR METABLMCS TCNQ HORT 542F 1 CREDIT  
 Satisfactory-Fail Only.  
 9024005 M 1:10-2:00 PERERA M  
 M 2:10-4:00 PERERA M  
 MEETS: AUG 20-NOV 2

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 A M 4:10-5:00  
 MEETS: AUG 20-DEC 14

RESEARCH SEMINAR HORT 696 1 CREDIT  
 Satisfactory-Fail Only.  
 8833005 W 4:10-5:30  
 MEETS: AUG 20-DEC 14

RSRCH GREENHSE CROP HORT 699A VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## HORTICULTURE

(CONTINUED)

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 1A ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO HSP M, EVENT MAJORS ONLY  
 Course delivery is WWW

7306010 1B ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN  
 HSP M, EVENT  
 Course delivery is WWW

CASINO MANAGEMENT I HSP M 201 3 CREDITS  
 3973005 1A ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO HSP M MAJORS ONLY  
 Course delivery is WWW

3973010 1B ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN HSP M  
 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 1A ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO CUFSA, CUFSH, EVENT,  
 HSP M MAJORS ONLY  
 Course delivery is WWW

4435010 1B ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B FOR MAJORS OTHER THAN CUFSA, CUFSH,  
 EVENT, HSP M  
 Course delivery is WWW

GLOBAL TOURISM MGT HSP M 260 3 CREDITS  
 Note: Meets international perspectives reqmt

6738005 1A ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO EVENT, HSP M MAJORS  
 Course delivery is WWW

6738010 1B ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN  
 EVENT, HSP M  
 Course delivery is WWW

CONTMPRARY CLUB MGT HSP M 289 3 CREDITS  
 Prereq: HSP M 101

9247005 1A MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO HSP M, HRI MAJORS ONLY

9247010 1B MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO EVENT MAJORS ONLY

HSPTLTY REVENUE MGT HSP M 301X 3 CREDITS  
 8157005 ARRANGED  
 MEETS: AUG 20-DEC 14

HSPTLTY COST CONTRL HSP M 333 3 CREDITS  
 Prereq: CREDIT OR ENR IN HSP M 380, HSP M 380L;  
 3 CREDITS IN MATH  
 Note: CREDIT FOR EITHER HSP M 392, OR HSP M 233  
 AND HSP M 333 MAY BE APPLIED TOWARD GRADUATION

5747005 1A TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO HSP M MAJORS ONLY

5747010 1B TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO CUFSA, CUFSH,  
 DIETH, EVENT MAJORS ONLY

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 20-DEC 14

## HOSPITALITY MANAGEMENT

(CONTINUED)

LODGING OPER MGT I HSP M 352 3 CREDITS  
 Prereq: CR OR ENROLLMENT IN HSP M 101, AESHM 287  
 9578005 1A MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO EVENT, HSP M MAJORS

9578010 1B MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN  
 EVENT, HSP M

QUANT FOOD PROD MGT HSP M 380 3 CREDITS  
 Prereq: HSP M 233 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  
 Note: Instructor permission required.

4358005 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

QUANT FOOD PROD&MGT HSP M 380L 3 CREDITS  
 Prereq: HSP M 233 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  
 Note: Instructor permission required.

4359005 1 TR 10:00-1:00  
 ARRANGED  
 MEETS: AUG 20-DEC 14

4359010 2 WF 10:00-1:00  
 ARRANGED  
 MEETS: AUG 20-DEC 14

INTRO WINE, BEER, SPI HSP M 383 2 CREDITS  
 Prereq: MUST BE AT LEAST 21 YEARS OLD

4108005 1A R 3:40-5:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO HSP M, CUFSA,  
 EVENT, CUFSH MAJORS ONLY

4108010 1B R 3:40-5:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN  
 HSP M, CUFSA, CUFSH, EVENT

4108015 2A T 3:40-5:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2A RESTRICTED TO HSP M, CUFSA,  
 EVENT, CUFSH MAJORS ONLY

4108020 2B T 3:40-5:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2B RESTRICTED TO MAJORS OTHER THAN  
 HSP M, CUFSA, CUFSH, EVENT

INTRO WINE, BEER LAB HSP M 383L 1 CREDIT  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN  
 HSP M 383. MUST BE AT LEAST 21 YEARS OLD.

8018005 1 F 1:10-3:00  
 MEETS: AUG 20-DEC 14

FOODSERVC SYS MGT I HSP M 391 3 CREDITS  
 Prereq: CR OR ENROLLMENT IN HSP M 380, HSP M 380L  
 Note: CREDIT IN HSP M 391 MAY NOT BE APPLIED TOWARD  
 THE DEGREE REQUIREMENTS FOR THE MAJOR IN HOSPITALITY  
 MANAGEMENT. CREDIT FOR EITHER HSP M 391, OR AESHM 287  
 AND AESHM 438, BUT NOT 391 IN COMBINATION WITH EITHER  
 287 OR 438, MAY BE APPLIED TOWARD GRADUATION.

7618005 1 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

CASE STDI EVENT MGT HSP M 431 3 CREDITS  
 Prereq: INSTRUCTOR PERMISSION  
 5023005 M 6:00-9:00PM  
 MEETS: AUG 20-DEC 14

HOSPITLTY INFO TECH HSP M 437 3 CREDITS  
 Prereq: HSP M 352

4364005 1 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

ADV H HUM RESRC MGT HSP M 439 3 CREDITS  
 Prereq: AESHM 438

4366005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

HONORS HSPY H R MGT HSP M 439H 3 CREDITS  
 Prereq: AESHM 438; MEMBERSHIP IN THE  
 UNIVERSITY HONORS PROGRAM

8257005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

INTERNSHIP HOSPITLTY HSP M 470 3- 6 CREDITS  
 Prereq: AESHM 270, AESHM 311, 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.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FINE DINING EVT MGT HSP M 487 3 CREDITS  
 Note: Meets international perspectives reqmt  
 Instructor permission required 1st week.

1025005 W 2:10-5:00  
 W 5:10-9:00PM  
 MEETS: AUG 20-DEC 14

## HOSPITALITY MANAGEMENT (CONTINUED)

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 CREDIT  
3423005 1 M 3:10-4:00  
MEETS: AUG 20-DEC 14

CASE STDI EVENT MGT HSP M 531 3 CREDITS  
Prereq: GRADUATE STANDING, INSTRUCTOR PERMISSION  
5066005 M 6:00-9:00PM  
MEETS: AUG 20-DEC 14

HSPTLY FINAN DECISN HSP M 533 3 CREDITS  
Prereq: HSP M 433  
9350005 1 ARRANGED  
MEETS: AUG 20-DEC 14

STRATEGIC MARKETING HSP M 540 3 CREDITS  
Prereq: AESHM 340  
2748005 1 TR 3:40-5:00  
MEETS: AUG 20-DEC 14

FINE DINING EVT MGT HSP M 587 3 CREDITS  
Prereq: HSP M 380, HSP M 380L  
Note: Meets international perspectives reqmt  
Instructor permission required.  
4391005 W 2:10-5:00  
W 5:10-9:00PM  
MEETS: AUG 20-DEC 14  
Note: THE 5-9 P.M. TIME ONLY MEETS 6 TIMES PER SEMESTER

SP TOP HOSPTLTY 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

CREATIVE COMPONENT HSP M 599 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADMINISTRA PROBLEMS HSP M 608 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; ENROLLMENT  
IN PH.D. PROGRAM  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS FALL 2018  
Instructor permission required 1st week.  
4399005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

RES SMNR TOURSM MGT HSP M 660 3 CREDITS  
Prereq: ENROLLMENT IN PH.D. PROGRAM  
4014005 1 ARRANGED  
MEETS: AUG 20-DEC 14

## HOSPITALITY MANAGEMENT (CONTINUED)

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**

COMPUTNL ANALY ENGL HCI 520 3 CREDITS  
Prereq: ENGL 510 AND ENGL 511  
6975005 A TR 11:00-12:20  
MEETS: AUG 20-DEC 14

COGNI PSY HUMN&CPTR HCI 521 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR  
PERMISSION  
1875005 A TR 9:30-10:45 KELLY J  
MEETS: AUG 20-DEC 14  
1875600 XE ARRANGED KELLY J  
MEETS: AUG 20-DEC 14  
Note: PERMISSION REQUIRED TO REGISTER. CONTACT  
ELO@IASTATE.EDU  
Instructor permission required 1st week.  
Section XE is off campus  
Course delivery is WWW

OPTMZ MTHD CPLX DSN HCI 525 3 CREDITS  
Prereq: ENGR 160, MATH 265  
6936005 A TR 2:10-3:25  
MEETS: AUG 20-DEC 14

VIRTUAL ENVIRON&APP HCI 580 3 CREDITS  
Prereq: SENIOR OR GRADUATE STATUS  
9420005 MW 1:10-2:25  
MEETS: AUG 20-DEC 14

SPECIAL TOPICS HCI 590 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM HUMN CPR NTRACT HCI 591 1 CREDIT  
3509005 A F 12:10-1:00  
MEETS: AUG 20-DEC 14  
3509600 XE ARRANGED OLIVER J  
MEETS: AUG 20-DEC 14  
Note: Section XE is off campus  
Course delivery is WWW

CREATIVE COMPONENT HCI 599 3 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COGNITIVE ENGINEERG HCI 681 3 CREDITS  
Prereq: I E 577 OR PSYCH 516 OR HCI 521 OR  
PSYCH 521 OR EQUIVALENT OR INSTRUCTOR PERMISSION  
8194005 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

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**

INDV&FAM DEVEL&HLTH HD FS 102 3 CREDITS  
3491005 1 TR 9:30-10:45 BALTIMORE D  
MEETS: AUG 20-DEC 14  
Syllabus: <http://www.hs.iastate.edu/online/>

3491010 2 TR 9:30-10:45 BALTIMORE D  
MEETS: AUG 20-DEC 14  
Syllabus: <http://www.hs.iastate.edu/online/>

3491015 3 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

3491605 XV ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Section XV is off campus  
Course delivery is WWW

3491600 XW ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

PRO PRIN WRK W CHLD HD FS 103 .5 CREDIT  
 Note: COURSE RESTRICTED TO CH FS, E C P, ECE, FCEDS, P ECP MAJORS ONLY. CREDIT FOR EITHER HD FS 103 OR HD FS 105, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 Satisfactory-Fail Only.  
 4950005 ARRANGED LUZE G  
 MEETS: AUG 20-DEC 14

PRO PRIN WRK W ADLT HD FS 105 .5 CREDIT  
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, E C P, P ECP MAJORS ONLY. CREDIT FOR EITHER HD FS 103 OR HD FS 105, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 Satisfactory-Fail Only.  
 4951005 ARRANGED LUZE G  
 MEETS: AUG 20-DEC 14

LRN CMUNTY ORIENTAT HD FS 110 1 CREDIT  
 Prereq: MEMBERSHIP IN HD FS LEARNING COMMUNITY  
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, F C P FRESHMEN  
 5975005 MW 11:00-11:50 WALSH P  
 MEETS: AUG 20-OCT 12  
 Syllabus: <http://www.hs.iastate.edu/online/>

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, F C P, FCEDS MAJORS  
 Satisfactory-Fail Only.  
 7003005 M 2:10-3:00 HANSEN M  
 MEETS: AUG 20-DEC 14

PRSNL FIN ERLY ADLT HD FS 183 1 CREDIT  
 Satisfactory-Fail Only.  
 7594605 XV ARRANGED BARTHOLOMAE S  
 MEETS: OCT 15-DEC 14  
 Note: Section XV is off campus  
 Course delivery is WWW  
 7594600 XW ARRANGED BARTHOLOMAE S  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

ECE TEACHER ORIENTN HD FS 208 1 CREDIT  
 Satisfactory-Fail Only.  
 4390005 1 W 1:10-2:00  
 MEETS: AUG 20-DEC 14

CHILD DEVELP&HEALTH HD FS 223 3 CREDITS  
 Note: CREDIT IN EITHER HD FS 223 OR HD FS 224, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 1239600 XW ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

DEVELPMT BIRTH-8YRS HD FS 224 3 CREDITS  
 Prereq: HD FS 102 AND HD FS 103  
 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.  
 Department permission required 1st week.  
 7011005 1 TR 12:40-2:00 CHOI J  
 M 9:00-10:50 CHOI J  
 MEETS: AUG 20-DEC 14  
 7011010 2 TR 12:40-2:00 CHOI J  
 T 9:00-10:50 CHOI J  
 MEETS: AUG 20-DEC 14  
 7011015 3 TR 12:40-2:00 CHOI J  
 W 9:00-10:50 CHOI J  
 MEETS: AUG 20-DEC 14  
 7011020 4 TR 12:40-2:00 CHOI J  
 R 9:00-10:50 CHOI J  
 MEETS: AUG 20-DEC 14  
 7011025 5 TR 12:40-2:00 CHOI J  
 F 9:00-10:50 CHOI J  
 MEETS: AUG 20-DEC 14  
 7011030 6 TR 12:40-2:00 CHOI J  
 M 3:10-5:00 CHOI J  
 MEETS: AUG 20-DEC 14  
 7011035 7 TR 12:40-2:00 CHOI J  
 T 3:10-5:00 CHOI J  
 MEETS: AUG 20-DEC 14  
 7011040 8 TR 12:40-2:00 CHOI J  
 W 3:10-5:00 CHOI J  
 MEETS: AUG 20-DEC 14  
 7011045 9 TR 12:40-2:00 CHOI J  
 R 3:10-5:00 CHOI J  
 MEETS: AUG 20-DEC 14  
 7011050 10 TR 12:40-2:00 CHOI J  
 F 3:10-5:00 CHOI J  
 MEETS: AUG 20-DEC 14

## 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 GILLETTE M  
 MEETS: AUG 20-DEC 14

ADOLESC&EMRGING ADU HD FS 227 3 CREDITS  
 Prereq: HD FS 102 OR PSYCH 230  
 6972005 1 MWF 12:10-1:00 DORIUS C  
 MEETS: AUG 20-DEC 14

CONSUMER ISSUES HD FS 239 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 3494005 1 MWF 1:10-2:00 JURGENSON J  
 MEETS: AUG 20-DEC 14

LIT FOR CHILDREN HD FS 240 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 2194005 1A TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO CH FS, ECE, EL ED, FCEDS MAJORS ONLY  
 2194010 1B TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN CH FS, ECE, EL ED, FCEDS  
 2194015 2A MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2A RESTRICTED TO CH FS, ECE, EL ED, FCEDS MAJORS ONLY  
 2194020 2B MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2B RESTRICTED TO MAJORS OTHER THAN CH FS, ECE, EL ED, FCEDS

PRNT&FAM DVRSTY ISS HD FS 249 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 2207005 1A TR 11:00-12:15 BALTIMORE D  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO CH FS, ECE, FCEDS, F C P MAJORS ONLY  
 2207010 1B TR 11:00-12:15 BALTIMORE D  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN CH FS, ECE, FCEDS, F C P MAJORS ONLY

FAMILY CMM&RELATNSH HD FS 270 3 CREDITS  
 Prereq: HD FS 102 OR PSYCH 230  
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, F C P MAJORS  
 Meets U.S. diversity reqmt  
 7012600 XW ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

HUMAN SEXUALITY HD FS 276 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 3496005 1 TR 12:40-2:00 POPILLION A  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO CH FS, FCEDS MAJORS  
 Syllabus: <http://www.hs.iastate.edu/online/>  
 3496010 2 TR 12:40-2:00 POPILLION A  
 MEETS: AUG 20-DEC 14  
 Syllabus: <http://www.hs.iastate.edu/online/>  
 3496015 3 TR 11:00-12:20 POPILLION A  
 MEETS: AUG 20-DEC 14  
 3496020 4 TR 9:30-10:50 SHIRTCLIFF E  
 MEETS: AUG 20-DEC 14  
 3496610 XJ ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Section XJ is off campus  
 Course delivery is WWW  
 3496605 XV ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Section XV is off campus  
 Course delivery is WWW  
 3496600 XW ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

PRSNL&FAMILY FINANC HD FS 283 3 CREDITS  
 3499005 1 TR 2:10-3:25 FOX J  
 MEETS: AUG 20-DEC 14  
 Syllabus: <http://www.hs.iastate.edu/online/>  
 3499600 XW ARRANGED STECKELBERG C  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

FIELD EXPERIENCES HD FS 317 1- 6 CREDITS  
 Prereq: 9 CREDITS IN HD FS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

HONORS FIELD EXPRNC HD FS 317H 1- 6 CREDITS

Prereq: 9 CREDITS IN HD FS

Satisfactory-Fail Only

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

ASS'MT&amp;CUR:BRTH-2YR HD FS 340 4 CREDITS

Prereq: HD FS 103, HD FS 224, ADMISSION TO

TEACHER EDUCATION PROGRAM

Note: COURSE RESTRICTED TO STUDENTS WHO HAVE FULL ADMISSION TO THE TEACHER EDUCATION PROGRAM. LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST LECTURE CLASS.

8686005 1 TR 3:40-4:55 LIPPARD C  
M 9:00-11:50 LIPPARD C  
MEETS: AUG 20-DEC 14

Note: Department permission required 1st week.

Syllabus: <http://www.hs.iastate.edu/online/>8686010 2 TR 3:40-4:55 LIPPARD C  
T 9:00-11:50 LIPPARD C  
MEETS: AUG 20-DEC 14

Note: Department permission required 1st week.

Syllabus: <http://www.hs.iastate.edu/online/>8686015 3 TR 3:40-4:55 LIPPARD C  
W 9:00-11:50 LIPPARD C  
MEETS: AUG 20-DEC 14

Note: Department permission required 1st week.

Syllabus: <http://www.hs.iastate.edu/online/>8686020 4 TR 3:40-4:55 LIPPARD C  
R 9:00-11:50 LIPPARD C  
MEETS: AUG 20-DEC 14

Note: Department permission required 1st week.

Syllabus: <http://www.hs.iastate.edu/online/>8686025 5 TR 3:40-4:55 LIPPARD C  
F 9:00-11:50 LIPPARD C  
MEETS: AUG 20-DEC 14

Note: Department permission required 1st week.

Syllabus: <http://www.hs.iastate.edu/online/>

HOUSHLD FINAN&amp;PLCY HD FS 341 3 CREDITS

3500005 1 TR 11:00-12:20 LEE D

MEETS: AUG 20-DEC 14

Syllabus: <http://www.hs.iastate.edu/online/>

GUIDNC&amp;GRP ERLY CHD HD FS 342 3 CREDITS

Prereq: HD FS 103, HD FS 224

Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS MAJORS

Department permission required 1st week.

3414005 1 TR 2:10-3:00 LUZE G  
M 12:10-1:00 ARRANGED LUZE G  
MEETS: AUG 20-DEC 143414010 2 TR 2:10-3:00 LUZE G  
T 12:10-1:00, ARRANGED LUZE G  
MEETS: AUG 20-DEC 143414015 3 TR 2:10-3:00 LUZE G  
W 12:10-1:00, ARRANGED LUZE G  
MEETS: AUG 20-DEC 143414020 4 TR 2:10-3:00 LUZE G  
R 12:10-1:00, ARRANGED LUZE G  
MEETS: AUG 20-DEC 143414025 5 TR 2:10-3:00 LUZE G  
F 12:10-1:00, ARRANGED LUZE G  
MEETS: AUG 20-DEC 143414030 6 TR 2:10-3:00 LUZE G  
M 3:10-4:00, ARRANGED LUZE G  
MEETS: AUG 20-DEC 143414035 7 TR 2:10-3:00 LUZE G  
T 3:10-4:00, ARRANGED LUZE G  
MEETS: AUG 20-DEC 143414040 8 TR 2:10-3:00 LUZE G  
W 3:10-4:00, ARRANGED LUZE G  
MEETS: AUG 20-DEC 143414045 9 TR 2:10-3:00 LUZE G  
R 3:10-4:00, ARRANGED LUZE G  
MEETS: AUG 20-DEC 143414050 10 TR 2:10-3:00 LUZE G  
F 3:10-4:00, ARRANGED LUZE G  
MEETS: AUG 20-DEC 14

ASESMT&amp;PROG:AGE 3-6 HD FS 343 4 CREDITS

Prereq: HD FS 103, HD FS 224, HD FS 240,

ADMISSION TO TEACHER EDUCATION PROGRAM

Note: COURSE RESTRICTED TO STUDENTS WHO HAVE FULL ADMISSION TO THE TEACHER EDUCATION PROGRAM. LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST LECTURE CLASS.

2205005 1 TR 3:40-4:55 COLBERT K  
M 9:00-11:50 COLBERT K  
MEETS: AUG 20-DEC 14

Note: Department permission required 1st week.

Syllabus: <http://www.hs.iastate.edu/online/>2205010 2 TR 3:40-4:55 COLBERT K  
T 9:00-11:50 COLBERT K  
MEETS: AUG 20-DEC 14

Note: Department permission required 1st week.

Syllabus: <http://www.hs.iastate.edu/online/>2205015 3 TR 3:40-4:55 COLBERT K  
W 9:00-11:50 COLBERT K  
MEETS: AUG 20-DEC 14

Note: Department permission required 1st week.

Syllabus: <http://www.hs.iastate.edu/online/>2205020 4 TR 3:40-4:55 COLBERT K  
R 9:00-11:50 COLBERT K  
MEETS: AUG 20-DEC 14

Note: Department permission required 1st week.

Syllabus: <http://www.hs.iastate.edu/online/>2205025 5 TR 3:40-4:55 COLBERT K  
F 9:00-11:50 COLBERT K  
MEETS: AUG 20-DEC 14

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

ASESMT&amp;PROG:AGE 3-6 HD FS 343 4 CREDITS

Note: Department permission required 1st week.

Syllabus: <http://www.hs.iastate.edu/online/>

CHILD EARLY CARE&amp;ED HD FS 344 4 CREDITS

Prereq: HD FS 103, HD FS 224

Note: COURSE RESTRICTED TO CH FS MAJORS ONLY

1351005 1 TR 9:30-10:45 SHEDD C  
M 2:10-5:30 SHEDD C  
MEETS: AUG 20-DEC 141351010 2 TR 9:30-10:45 SHEDD C  
T 2:10-5:30 SHEDD C  
MEETS: AUG 20-DEC 141351015 3 TR 9:30-10:45 SHEDD C  
W 2:10-5:30 SHEDD C  
MEETS: AUG 20-DEC 141351020 4 TR 9:30-10:45 SHEDD C  
R 2:10-5:30 SHEDD C  
MEETS: AUG 20-DEC 141351025 5 TR 9:30-10:45 SHEDD C  
F 2:10-5:30 SHEDD C  
MEETS: AUG 20-DEC 14

ADAPT PROG INCL SET HD FS 345 3 CREDITS

Prereq: HD FS 224; SP ED 250

Note: COURSE RESTRICTED TO CH FS, ECE JUNIORS &amp; SENIORS

4449005 1 TR 12:40-1:55 SHEDD C  
MEETS: AUG 20-DEC 14  
Syllabus: <http://www.hs.iastate.edu/online/>

HOUS&amp;SERV FAM&amp;CHILD HD FS 360 3 CREDITS

Prereq: 6 CREDITS IN SOCIAL SCIENCES

Note: Meets U.S. diversity reqmt

3501005 1 MWF 9:00-9:50 HILLMAN A  
MEETS: AUG 20-DEC 14Syllabus: <http://www.hs.iastate.edu/online/>

ABUSE&amp;ILL IN FAMILI HD FS 367 3 CREDITS

Prereq: HD FS 102 OR PSYCH 230

9193005 MWF 11:00-11:50 NEPPL T  
MEETS: AUG 20-DEC 14

Note: RESTRICTED TO CH FS, ECE, FCEDS, F C P

MAJORS ONLY

Syllabus: <http://www.hs.iastate.edu/online/>9193600 XW ARRANGED  
MEETS: AUG 20-DEC 14

Note: Section XW is off campus

Course delivery is WWW

RSEARCH METHDS HDFs HD FS 369 3 CREDITS

Prereq: HD FS 102 OR PSYCH 230; 9 HOURS IN

HD FS; JUNIOR OR SENIOR CLASSIFICATION

3343005 1 MWF 10:00-10:50 GUDMUNSON C  
M 8:00-8:50 GUDMUNSON C3343010 2 MWF 10:00-10:50 GUDMUNSON C  
W 8:00-8:50 GUDMUNSON C3343015 3 MWF 10:00-10:50 GUDMUNSON C  
F 8:00-8:50 GUDMUNSON C  
MEETS: AUG 20-DEC 14

DEATH PART OF LIVNG HD FS 373 3 CREDITS

Prereq: HD FS 102

3505600 XW ARRANGED  
MEETS: AUG 20-DEC 14

Note: Section XW is off campus

Course delivery is WWW

AGING &amp; THE FAMILY HD FS 377 3 CREDITS

Prereq: HD FS 102

Note: Meets U.S. diversity reqmt

3506005 1 TR 9:30-10:45 LEE J  
MEETS: AUG 20-DEC 14Syllabus: <http://www.hs.iastate.edu/online/>

FUND FINAN PLANNNG HD FS 383 3 CREDITS

Prereq: HD FS 283

3672005 MWF 12:10-1:00 STECKELBERG C  
MEETS: AUG 20-DEC 14

CHLD, FAM&amp;PUB POLCY HD FS 395 3 CREDITS

Prereq: HD FS 369 OR EQUIVALENT

1155005 1A MWF 9:00-9:50 ROUSE H  
MEETS: AUG 20-DEC 14

Note: SEC 1A RESTRICTED TO CH FS, ECE, FCEDS,

F C P MAJORS ONLY

1155010 1B MWF 9:00-9:50 ROUSE H  
MEETS: AUG 20-DEC 14

Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN

CH FS, ECE, FCEDS, F C P

SUP TCH EARLY SP ED HD FS 417C 8 CREDITS

Prereq: GPA 2.5; FULL ADMISSION TO TEACHER

EDUCATION PROGRAM, HD FS 455; HD FS 456

Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION

THE UNIVERSITY TEACHER EDUCATION PROGRAM

2213010 1A ARRANGED  
MEETS: AUG 20-OCT 12

Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA

2213015 1R ARRANGED  
MEETS: AUG 20-OCT 12

Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

2213020 2A ARRANGED  
MEETS: OCT 15-DEC 14

Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

SUP TCH EARLY SP ED HD FS 417C 8 CREDITS  
2213025 2R ARRANGED  
MEETS: OCT 15-DEC 14  
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  
Satisfactory-Fail Only.  
4952005 ARRANGED  
MEETS: AUG 20-DEC 14

PRO PRAC RFLCT:INTN HD FS 418B 2 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Satisfactory-Fail Only.  
3681005 W 3:10-5:00 ENLOE L  
MEETS: AUG 20-DEC 14

PRG EVAL&PROPOS WRI HD FS 449 3 CREDITS  
Prereq: HD FS 369  
Note: COURSE RESTRICTED TO CH FS, FCEDS, F C P,  
KIN H MAJORS ONLY  
2221005 1 TR 11:00-12:20 GILLIGAN M  
MEETS: AUG 20-DEC 14  
Syllabus: <http://www.hs.iastate.edu/online/>  
2221010 2 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

CURR--AGES 3 THRU 6 HD FS 455 4 CREDITS  
Prereq: HD FS 343, HD FS 345, SP ED 355 AND SP ED  
455  
Note: LAB PLACEMENT ASSIGNED AT FIRST LECTURE  
2222005 1 TR 12:40-2:00  
M 8:00-11:50  
MEETS: AUG 20-DEC 14  
Note: Department permission required 1st week.  
Syllabus: <http://www.hs.iastate.edu/online/>  
2222010 2 TR 12:40-2:00  
T 8:00-11:50  
MEETS: AUG 20-DEC 14  
Note: Department permission required 1st week.  
Syllabus: <http://www.hs.iastate.edu/online/>  
2222015 3 TR 12:40-2:00  
R 8:00-11:50  
MEETS: AUG 20-DEC 14  
Note: Department permission required 1st week.  
Syllabus: <http://www.hs.iastate.edu/online/>  
2222020 4 TR 12:40-2:00  
F 8:00-11:50  
MEETS: AUG 20-DEC 14  
Note: Department permission required 1st week.  
Syllabus: <http://www.hs.iastate.edu/online/>

WRK W FAM E INTERVN HD FS 456 3 CREDITS  
Prereq: HD FS 340 OR HD FS 344; OR PERMISSION OF  
INSTRUCTOR; CURRENT BACKGROUND CHECK  
7563005 1 TR 2:10-3:30 SHEDD C  
MEETS: AUG 20-DEC 14  
Syllabus: <http://www.hs.iastate.edu/online/>

FAMILY INTERACT DYN HD FS 479 3 CREDITS  
Prereq: HD FS 102 OR EQUIVALENT; HD FS 369 OR  
EQUIVALENT; 9 HOURS IN SOCIAL SCIENCES; JUNIOR OR  
SENIOR STATUS  
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY  
3524005 1 TR 12:40-2:00 HILLMAN A  
MEETS: AUG 20-DEC 14  
Syllabus: <http://www.hs.iastate.edu/online/>

FAMILY SAVINGS&INVS HD FS 482 3 CREDITS  
Prereq: HD FS 283  
3983005 TR 9:30-10:50 MAGNANI S  
MEETS: AUG 20-DEC 14

ADMIN HUMN SVC PROG HD FS 486 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION; 6 CREDITS IN HD FS  
AT 300 LEVEL AND ABOVE  
3619005 1 MWF 1:10-2:00 ALLEN B  
MEETS: AUG 20-DEC 14  
Syllabus: <http://www.hs.iastate.edu/online/>  
3619010 2 TR 3:40-5:00 VAN RYSWYK J  
MEETS: AUG 20-DEC 14

FINANCIAL COUNSELNG HD FS 489 2 CREDITS  
Prereq: HD FS 283  
Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2018  
3537005 1A MWF 10:00-10:50 STECKELBERG C  
MEETS: AUG 20-DEC 14  
Note: SEC 1A RESTRICTED TO F C P MAJORS ONLY  
3537010 1B MWF 10:00-10:50 STECKELBERG C  
MEETS: AUG 20-DEC 14  
Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN F C P

FINANC COUNSEL LAB HD FS 489L 1- 2 CREDITS  
Prereq: HD FS 283  
8102010 1 ARRANGED STECKELBERG C  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

INDEPENDENT STUDY HD FS 490 VAR. CREDITS  
Prereq: 6 CREDITS IN HD FS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CREDITS  
Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 9 CREDITS  
Prereq: HD FS 418B; PERMISSION OF INSTRUCTOR;  
SENIOR CLASSIFICATION; MINIMUM 2.0 GPA; RESERVATION  
REQUIRED ONE SEMESTER BEFORE PLACEMENT  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499 1- 6 CREDITS  
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM  
STUDENT PROPOSED TO WORK, CONSULT DEPARTMENT OFFICE  
FOR PROCEDURES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRAD STU, RES, ETHICS HD FS 501 2 CREDITS  
3543005 1 R 12:40-2:30 HUGHES-BELDING K  
MEETS: AUG 20-DEC 14  
Syllabus: <http://www.hs.iastate.edu/online/>

QNTV RESRCH METHODS HD FS 503 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3544005 1 T 2:10-4:40 WEEMS C  
R 3:10-4:00 WEEMS C  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO HD FS, GERON MAJORS ONLY  
3544010 2 T 2:10-4:40 WEEMS C  
R 3:10-4:00 WEEMS C  
MEETS: AUG 20-DEC 14  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
HD FS, GERON

QLTVE RESRCH METHDS HD FS 504 3 CREDITS  
Prereq: 9 CREDITS OF SOCIAL SCIENCES OR  
PERMISSION OF INSTRUCTOR  
7641005 1 W 6:00-8:40PM HILLMAN A  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO HD FS, GERON MAJORS ONLY  
7641010 2 W 6:00-8:40PM HILLMAN A  
MEETS: AUG 20-DEC 14  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
HD FS, GERON

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 MARTIN P  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO HD FS, GERON MAJORS ONLY  
7702010 2 W 9:00-11:40 MARTIN P  
MEETS: AUG 20-DEC 14  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
HD FS, GERON

CURR ISS &RSRCH ECS HD FS 555 3 CREDITS  
Prereq: 9 CREDITS IN SOCIAL SCIENCES OR  
PERMISSION OF INSTRUCTOR  
2782600 XW ARRANGED CHOI J  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

FAMILY POLICY HD FS 566 3 CREDITS  
Prereq: 6 CREDITS IN SOCIAL SCIENCES OR  
PERMISSION OF INSTRUCTOR  
3553005 R 3:10-5:50 GUDMUNSON C  
MEETS: AUG 20-DEC 14

FAMILY STRESS, ABUSE HD FS 567 3 CREDITS  
Prereq: 9 CREDITS IN SOCIAL SCIENCES OR  
PERMISSION OF INSTRUCTOR  
8127600 XW ARRANGED NEPPL T  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

INVESTG&FAMLY FUTUR HD FS 583 3 CREDITS  
Prereq: HD FS 483  
3655600 XW ARRANGED FOX J  
MEETS: AUG 20-DEC 14  
Note: THIS COURSE IS RESTRICTED TO GPIEA STUDENTS  
ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
[HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST](http://www.online.hs.iastate.edu/waitlist)  
Course delivery is WWW  
Section XW is off campus  
Course delivery is WWW

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

FINANCIAL COUNSELNG HD FS 589 2 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
7583005 1 MWF 10:00-10:50 GUDMUNSON C  
MEETS: AUG 20-DEC 14

FINANC COUNSEL LAB HD FS 589L 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
3510005 1 ARRANGED GUDMUNSON C  
MEETS: AUG 20-DEC 14

SP TOP HUMAN, FAMILY HD FS 590I VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV, FAMILY 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 WF 2:10-3:30 RUSSELL D  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO HD FS, GERON MAJORS ONLY  
2239010 2 WF 2:10-3:30 GUDMUNSON C  
MEETS: AUG 20-DEC 14  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
HD FS, GERON

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 6:00-8:40PM SHIRTCLIFF E  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO HD FS, GERON MAJORS ONLY  
8824010 2 M 6:00-8:40PM SHIRTCLIFF E  
MEETS: AUG 20-DEC 14  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
HD FS, GERON

CHILD HEALTH&DEVELP HD FS 631 3 CREDITS  
Prereq: HD FS 510 OR PERMISSION OF INSTRUCTOR  
2265600 XW ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

ADV TOP HUMAN, FAMILY 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 EXPER 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  
9462005 TR 8:00-8:50  
MEETS: AUG 20-DEC 14

DIALOG ON DIVERSITY H SCI 150 1 CREDIT  
Note: Meets U.S. diversity reqmt  
6929010 1 M 1:10-3:00  
MEETS: OCT 15-DEC 14  
6929015 2 T 1:10-3:00  
MEETS: OCT 15-DEC 14  
6929020 3 W 1:10-3:00  
MEETS: OCT 15-DEC 14  
6929025 4 M 3:10-5:00  
MEETS: OCT 15-DEC 14  
6929030 5 T 3:10-5:00  
MEETS: OCT 15-DEC 14  
6929035 6 W 3:10-5:00  
MEETS: OCT 15-DEC 14

## IMMUNOBIOLOGY

CURR TP WKSHP IMNOL IMBIO 602 1 CREDIT  
5723005 ARRANGED  
MEETS: AUG 20-DEC 14

SPECIAL TOPICS IMBIO 690 VAR. CREDITS  
5986005 ARRANGED  
MEETS: AUG 20-DEC 14

GRAD RSEARCH ROTATN IMBIO 697 VAR. CREDITS  
5991005 ARRANGED  
MEETS: AUG 20-DEC 14

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

## INDUSTRIAL DESIGN

INDUST DSGN STUDIO I IND D 201 6 CREDITS  
Prereq: ADMISSION TO THE INDUSTRIAL DESIGN PROG,  
CONCURRENT ENROLLMENT IN IND D 231  
Note: COURSE RESTRICTED TO IND D MAJORS ONLY  
9365005 1 MWF 1:10-4:30  
MEETS: AUG 20-DEC 14  
9365010 2 MWF 9:00-12:20  
MEETS: AUG 20-DEC 14  
9365015 3 MWF 1:10-4:30  
MEETS: AUG 20-DEC 14  
9365020 4 MWF 9:00-12:20  
MEETS: AUG 20-DEC 14

INTRO INDUSTRIAL DSGN IND D 231 3 CREDITS  
Prereq: DSN S 102, DSN S 131, CONCURRENT  
ENROLLMENT IN IND D 201, ADMISSION TO THE INDUSTRIAL  
DESIGN PROGRAM THROUGH DEPARTMENT REVIEW OR  
PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO IND D MAJORS ONLY  
9366005 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

ACTVT-CNTRD INDU DS IND D 251 3 CREDITS  
Prereq: ADMISSION TO INDUSTRIAL DESIGN PROGRAM  
AND PERMISSION OF INSTRUCTOR  
Note: Meets U.S. diversity reqmt  
9200005 1 TR 8:00-9:15  
MEETS: AUG 20-DEC 14  
9200010 2 TR 8:00-9:15  
MEETS: AUG 20-DEC 14

ENGNR:THOT TO THING IND D 260 3 CREDITS  
4434005 TR 4:10-5:30  
MEETS: AUG 20-DEC 14

INDUS DSN STUDIO III IND D 301 6 CREDITS  
Prereq: IND D 202  
9259005 1 MWF 9:00-12:20  
MEETS: AUG 20-DEC 14  
9259010 2 MWF 1:10-4:30  
MEETS: AUG 20-DEC 14  
9259015 3 MWF 9:00-12:20  
MEETS: AUG 20-DEC 14  
9259020 4 MWF 1:10-4:30  
MEETS: AUG 20-DEC 14

DSGN RESRCH METHODS IND D 332 3 CREDITS  
Prereq: IND D 231 OR PERMISSION OF INSTRUCTOR  
9260005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO IND D MAJORS ONLY  
9260010 2 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN IND D

CPTR-AID INDUS DS I IND D 341 3 CREDITS  
Prereq: IND D 301  
Note: COURSE RESTRICTED TO IND D MAJORS ONLY  
6026005 1 MW 9:00-11:50  
MEETS: AUG 20-DEC 14  
6026010 2 MW 1:10-4:00  
MEETS: AUG 20-DEC 14

HIST INDUS DESIGN I IND D 387 3 CREDITS  
Prereq: 30 CREDITS EARNED AT ISU  
Note: Meets U.S. diversity reqmt  
9414005 TR 8:00-9:15  
MEETS: AUG 20-DEC 14

INDUS DSN INTERNSHP IND D 397 6 CREDITS  
Prereq: IND D 202, 18 CR IN INDUSTRIAL DESIGN,  
PERMISSION OF INSTRUCTOR  
6164005 ARRANGED  
MEETS: AUG 20-DEC 14

## INDUSTRIAL DESIGN (CONTINUED)

INDUS DESIGN STUDIO IND D 401 6 CREDITS  
Prereq: IND D 301 OR PERMISSION OF INSTRUCTOR  
2817005 MWF 1:10-4:30  
MEETS: AUG 20-DEC 14

INDUST DSGN STDIO I IND D 501 6 CREDITS  
Prereq: ADMISSION TO THE INDUSTRIAL DESIGN  
STUDIO INTENSIVE TRACK OR GRADUATE STANDING IN THE  
INDUSTRIAL DESIGN PROGRAM  
9394005 MWF 1:10-4:30  
MEETS: AUG 20-DEC 14

INDUS DSGN STUDIO I IND D 503 6 CREDITS  
Prereq: ADMISSION TO THE INDUSTRIAL DESIGN  
GRADUATE PROGRAM OR COMPLETION OF GRADUATE INTENSIVE  
TRACK  
4946005 MWF 1:10-4:30  
MEETS: AUG 20-DEC 14

INDUS DSN PRACTICUM IND D 507 6 CREDITS  
Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN  
AREA OF SPECIALIZATION; APPROVAL OF PRACTICUM  
APPLICATION AND WRITTEN PERMISSION OF INSTRUCTOR ONLY  
6966005 MWF 9:00-12:20  
MEETS: AUG 20-DEC 14  
Note: Permission of department chair required.

PORTFOLIO&PRO PRCTC IND D 543 3 CREDITS  
Prereq: ADVANCED STANDING IN IND D PROGRAM  
3176005 MW 9:30-11:50  
MEETS: AUG 20-DEC 14

SPECIAL TOPICS IND D 590 3 CREDITS  
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO  
OR PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROJECTS IND D 592 VAR. CREDITS  
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR  
PERMISSION OF INSTRUCTOR  
4181005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 1 OFFERED FOR 3 CREDITS  
4181010 2 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC 2 OFFERED FOR 6 CREDITS

INTERNSHIP IND D 597 6 CREDITS  
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO  
OR PERMISSION OF INSTRUCTOR  
9463005 ARRANGED  
MEETS: AUG 20-DEC 14

GRADUATE PROJECT I IND D 601 6 CREDITS  
Prereq: IND D 632  
7661005 ARRANGED  
MEETS: AUG 20-DEC 14

DSGN RESRCH METHODS IND D 631 3 CREDITS  
Prereq: ADMISSION INTO THE GRADUATE INTENSIVE  
TRACK, GRADUATE STANDING IN THE INDUSTRIAL DESIGN  
PROGRAM, OR PERMISSION OF INSTRUCTOR  
7700005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

THESIS IND D 699 6 CREDITS  
Prereq: IND D 632  
2151005 ARRANGED  
MEETS: AUG 20-DEC 14

**INDUSTRIAL ENGINEERING**

INDUS ENGR PROFESSN I E 101 R CREDIT  
Satisfactory-Fail Only.  
4402005 A T 2:10-3:30  
MEETS: AUG 20-DEC 14

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: I E 148, ENGR 160,  
AER E 160, C E 160, M E 160, A B E 160, CPR E 185,  
E E 185, S E 185. RESTRICTED TO I E MAJORS ONLY.  
5037005 1 TR 10:00-11:50  
MEETS: AUG 20-DEC 14  
5037010 2 TR 12:10-2:00  
MEETS: AUG 20-DEC 14

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 (NUMBERED SECTIONS 1-2) FIRST AND THEN A LAB  
SECTION (LETTERED SECTIONS A-Q). STUDENTS WHO DON'T  
REGISTER FOR BOTH LECTURE AND LAB WILL BE DROPPED  
FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.  
RESTRICTED TO I E MAJORS ONLY - OTHER MAJORS BY  
PERMISSION OF INSTRUCTOR.  
5808003 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
5808004 2 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14  
5808005 A T 8:00-9:50  
MEETS: AUG 20-DEC 14

## INDUSTRIAL ENGINEERING (CONTINUED)

ENGR SYS DSGN,MANUF I E 248 3 CREDITS  
5808010 B R 8:00-9:50  
MEETS: AUG 20-DEC 14  
5808015 C T 10:00-11:50  
MEETS: AUG 20-DEC 14  
5808020 D R 10:00-11:50  
MEETS: AUG 20-DEC 14  
5808025 E T 1:10-3:00  
MEETS: AUG 20-DEC 14  
5808030 F R 1:10-3:00  
MEETS: AUG 20-DEC 14  
5808035 G R 1:10-3:00  
MEETS: AUG 20-DEC 14  
5808040 J M 1:10-3:00  
MEETS: AUG 20-DEC 14  
5808050 K F 8:00-9:50  
MEETS: AUG 20-DEC 14  
5808055 L MF 10:00-11:50  
MEETS: AUG 20-DEC 14  
5808060 M W 10:00-11:50  
MEETS: AUG 20-DEC 14  
5808065 N F 1:10-3:00  
MEETS: AUG 20-DEC 14  
5808070 P M 8:00-9:50  
MEETS: AUG 20-DEC 14

ENGR ECONOMIC ANALY I E 305 3 CREDITS  
Prereq: MATH 166  
Note: SEC A1,B1 RESTRICTED TO I E MAJORS ONLY.  
SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN I E.  
4425005 A1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
4425010 A2 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
4425015 B1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
4425020 B2 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

OPTIMIZATION I E 312 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MATH 267  
Note: COURSE RESTRICTED TO I E MAJORS ONLY  
4410005 A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
4410010 B MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

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 A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
4413010 B MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

STAT QUALITY ASSURN I E 361 3 CREDITS  
Prereq: STAT 231 OR STAT 301 OR STAT 326 OR  
STAT 401  
Note: COURSE RESTRICTED TO I E, STAT MAJORS ONLY  
4416005 A ARRANGED, T 3:40-5:40  
MEETS: AUG 20-DEC 14  
Note: SEC A1 TWO-HOUR LECTURE DELIVERY IS WWW.  
RESTRICTED TO I E MAJORS ONLY.

COOPERATIVE EDUCATN I E 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND  
ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

STOCHAST MODL,SIMUL I E 413 4 CREDITS  
Prereq: MATH 267, STAT 231  
Note: COURSE RESTRICTED TO I E MAJORS ONLY  
7013005 A MWF 8:00-8:50  
T 2:10-3:00  
MEETS: AUG 20-DEC 14  
7013010 B MWF 8:00-8:50  
T 3:10-4:00  
MEETS: AUG 20-DEC 14  
7013015 C MWF 9:00-9:50  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
7013020 D MWF 9:00-9:50  
R 3:10-4:00  
MEETS: AUG 20-DEC 14

INDUSTRL AUTOMATION I E 432 3 CREDITS  
Prereq: PHYS 222  
Note: COURSE RESTRICTED TO I E MAJORS ONLY  
9638005 A TR 11:00-12:15  
T 8:00-9:50  
MEETS: AUG 20-DEC 14  
9638010 B TR 11:00-12:15  
T 12:40-2:30  
MEETS: AUG 20-DEC 14  
9638015 C TR 11:00-12:15  
T 3:10-5:00  
MEETS: AUG 20-DEC 14  
9638020 D TR 11:00-12:15  
R 8:00-9:50  
MEETS: AUG 20-DEC 14  
9638025 E TR 11:00-12:15  
R 12:40-2:30  
MEETS: AUG 20-DEC 14



## INDUSTRIAL ENGINEERING (CONTINUED)

INDUSTRL AUTOMATION I E 432 3 CREDITS  
9638030 F TR 11:00-12:15  
R 3:10-5:00  
MEETS: AUG 20-DEC 14

9638035 G TR 11:00-12:15  
M 1:10-3:00  
MEETS: AUG 20-DEC 14

INDUSTR ENGR DESIGN I E 441 3 CREDITS  
Prereq: I E 248, I E 271, I E 361; CREDIT OR  
ENROLLMENT IN 341, 413, AND 448  
Note: COURSE RESTRICTED TO I E, IMSE MAJORS ONLY

4432005 A M 2:10-3:00  
MWF 10:00-11:50  
MEETS: AUG 20-DEC 14

4432010 B M 2:10-3:00  
MWF 12:10-2:00  
MEETS: AUG 20-DEC 14

4432015 C M 2:10-3:00  
MWF 3:10-5:00  
MEETS: AUG 20-DEC 14

ENGRS TECHN SALES I I E 450 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN I E 305

8885005 M 6:10-9:00PM  
MEETS: AUG 20-DEC 14

MULTIDISC ENGR DSGN I E 466 3 CREDITS  
Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF  
GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR

1902005 1 MWF 3:10-5:00  
MEETS: AUG 20-DEC 14

E-COMMERCE SYS ENGR I E 481 3 CREDITS  
Prereq: I E 148

7818005 1 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

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

MS RSRCH BASICS&CMM I E 501 R CREDIT  
Prereq: ENROLLMENT IN M.S. OR M.ENG. PROGRAM  
IN INDUSTRIAL ENGINEERING  
Satisfactory-Fail Only.

3550005 W 4:10-5:00  
MEETS: AUG 20-DEC 14

ANALY STOCHASTC SYS I E 513 3 CREDITS  
Prereq: STAT 231

6974005 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

LINEAR PROGRAMMING I E 534 3 CREDITS  
Prereq: I E 312

4459005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

TOTAL QUALITY MGMT I E 561 3 CREDITS  
Prereq: I E 361

7304005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

ENGNEERG &SYSTEM MGT I E 563 3 CREDITS  
Prereq: COURSE IN PROBABILITY AND STATISTICS

4660005 R 6:00-9:00PM  
MEETS: AUG 20-DEC 14

LG-SCAL CPLX ENG SY I E 568 3 CREDITS  
Prereq: SENIOR STANDING IN COLLEGE OF ENGINEERING  
OR PERMISSION OF AER E 468 INSTRUCTOR

1041005 1 TR 2:10-3:25  
MEETS: AUG 20-DEC 14

OCCUPATN BIOMECHNCS I E 571 3 CREDITS  
Prereq: EM 274, STAT 231

2545005 T 4:10-7:00PM  
MEETS: AUG 20-DEC 14

HUMAN FACTORS I E 577 3 CREDITS  
Prereq: I E 271 OR GRADUATE CLASSIFICATION

5442005 A1 M 4:10-7:00PM  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO I E, IMSE, SYS E,  
E M MAJORS ONLY

5442010 A2 M 4:10-7:00PM  
MEETS: AUG 20-DEC 14  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN  
I E, IMSE, SYS E, E M

## INDUSTRIAL ENGINEERING (CONTINUED)

E-COMMERCE SYS ENGR I E 581 3 CREDITS  
Prereq: I E 148

7817005 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

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 EQUIVALNT

7883005 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

SPINE BIOMECHANICS I E 673 3 CREDITS  
Prereq: I E 571 OR EQUIVALENT

9844005 ARRANGED  
MEETS: AUG 20-DEC 14

COGNITIVE ENGINEERG I E 681 3 CREDITS  
Prereq: I E 572 OR I E 577 OR PSYCH 516 OR  
HCI 521 OR PSYCH 521 OR EQUIVALENT

8177005 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

ADVANCED TOPICS I E 690 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP I E 697 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT  
Note: Department permission required.  
Satisfactory-Fail Only.

7999005 ARRANGED  
MEETS: AUG 20-DEC 14

RESEARCH I E 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## INFORMATION ASSURANCE

INTR CMPTR SECURITY INFAS 131 1 CREDIT  
Satisfactory-Fail Only.

3495005 1 MW 11:00-11:50  
MEETS: AUG 20-OCT 12

NTWRK PROTOCL&SECUR INFAS 430 3 CREDITS

2068005 A TR 8:00-9:15  
MEETS: AUG 20-DEC 14

NTWRK PROTOCL&SECUR INFAS 530 3 CREDITS  
Prereq: CPR E 381 OR EQUIVALENT

8088010 A TR 8:00-9:15  
MEETS: AUG 20-DEC 14

INFO SYSTM SECURITY INFAS 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,  
GR ST, INFAS, SCIS GRAD STUDENTS ONLY

8086005 A MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

CMPTR&NTWRK FORENSI INFAS 536 3 CREDITS  
Prereq: CPR E 381 AND CPR E 489 OR CPR E 530

5554005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

INFO ASSUR CAPSTONE INFAS 632 3 CREDITS  
Prereq: CPR E 531, CPR E 532, CPR E 534

1893005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Department permission required.

INFO ASSURNC INTERN INFAS 697 R CREDIT  
Prereq: PERMISSN OF DEPT, GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.

8082005 A ARRANGED  
MEETS: AUG 20-DEC 14

## INTEGRATED STUDIO ARTS

CRTV VISUAL THINKNG ARTIS 201 3 CREDITS  
9638005 A ARRANGED HOLZBAUER P  
MEETS: AUG 20-DEC 14  
Note: SECTION A RESTRICTED TO COLLEGE OF DESIGN  
MAJORS EXCEPT ARTIS  
Course delivery is WWW

7938010 B ARRANGED JOHNSON D  
MEETS: AUG 20-DEC 14  
Note: SECTION B RESTRICTED TO MAJORS OTHER THAN ARTIS  
Course delivery is WWW

7938015 C ARRANGED EDWARDS N  
MEETS: AUG 20-DEC 14  
Note: SECTION C RESTRICTED TO MAJORS OTHER THAN ARTIS  
Course delivery is WWW

7938020 D ARRANGED  
MEETS: AUG 20-DEC 14

INTEGRATED STUDIO ARTS (CONTINUED)

CRTV VISUAL THINKNG ARTIS 201 3 CREDITS  
 Note: SECTION D RESTRICTED TO MAJORS OTHER THAN ARTIS  
 Course delivery is WWW

STUDIO FNDMTLS:WOOD ARTIS 202 2 CREDITS  
 Prereq: SOPHOMORE LEVEL AND ABOVE

9264005 A1 MWF 8:00-10:20 MARTIN C  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A1 RESTRICTED TO ARTIS MAJORS ONLY

9264010 A2 MWF 8:00-10:20 MARTIN C  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ARTIS

9264015 B1 MWF 8:00-10:20 MARTIN C  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B1 RESTRICTED TO ARTIS MAJORS ONLY

9264020 B2 MWF 8:00-10:20 MARTIN C  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN ARTIS

STDO FUND:JWLRY/MTL ARTIS 203 2 CREDITS  
 Prereq: SOPHOMORE LEVEL AND ABOVE

9272005 A1 MWF 1:10-3:30 MUENCH J  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A1 RESTRICTED TO ARTIS MAJORS ONLY

9272010 A2 MWF 1:10-3:30 MUENCH J  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ARTIS

9272015 B1 MWF 1:10-3:30 MUENCH J  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B1 RESTRICTED TO ARTIS MAJORS ONLY

9272020 B2 MWF 1:10-3:30 MUENCH J  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN ARTIS

STDO FUND:CERAMICS ARTIS 204 2 CREDITS  
 Prereq: SOPHOMORE LEVEL AND ABOVE

9253005 A1 MWF 3:40-6:00PM LILLIGREN I  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A1 RESTRICTED TO ARTIS MAJORS ONLY

9253010 A2 MWF 3:40-6:00PM LILLIGREN I  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ARTIS

9253015 B1 MWF 3:40-6:00PM LILLIGREN I  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B1 RESTRICTED TO ARTIS MAJORS ONLY

9253020 B2 MWF 3:40-6:00PM LILLIGREN I  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN ARTIS

STDO FUND:PRINTMKG ARTIS 206 2 CREDITS  
 Prereq: SOPHOMORE LEVEL AND ABOVE

9255005 A1 MWF 1:10-3:30 KATZ A  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A1 RESTRICTED TO ARTIS MAJORS ONLY

9255010 A2 MWF 1:10-3:30 KATZ A  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ARTIS

9255015 B1 MWF 1:10-3:30 KATZ A  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B1 RESTRICTED TO ARTIS MAJORS ONLY

9255020 B2 MWF 1:10-3:30 KATZ A  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN ARTIS

COLOR ARTIS 208 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: SECTIONS A1,B1 RESTRICTED TO ARTIS, P ISA MAJORS.  
 SECTIONS A2,B2 RESTRICTED TO ALL OTHER COLLEGE OF  
 DESIGN MAJORS AND BPM I, PBPMI.  
 Instructor permission required 1st week.

1766005 A1 MWF 8:00-9:50 GOULD C  
 MEETS: AUG 20-DEC 14

1766010 A2 MWF 8:00-9:50 GOULD C  
 MEETS: AUG 20-DEC 14

1766015 B1 MWF 12:10-2:00 GOULD C  
 MEETS: AUG 20-DEC 14

1766020 B2 MWF 12:10-2:00 GOULD C  
 MEETS: AUG 20-DEC 14

STUDIO FUND: PHOTO ARTIS 210 2 CREDITS  
 Prereq: SOPHOMORE LEVEL AND ABOVE

9256005 A1 TR 2:10-5:20 CARR C  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A1 RESTRICTED TO ARTIS MAJORS ONLY

9256010 A2 TR 2:10-5:20 CARR C  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ARTIS

9256015 B1 TR 2:10-5:20 CARR C  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B1 RESTRICTED TO ARTIS MAJORS ONLY

9256020 B2 TR 2:10-5:20 CARR C  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN ARTIS

STUDIO FUND:CMPTURS ARTIS 212 2 CREDITS  
 Prereq: SOPHOMORE LEVEL AND ABOVE

9257005 A1 TR 2:10-5:20 STEWART A  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A1 RESTRICTED TO ARTIS MAJORS ONLY

9257010 A2 TR 2:10-5:20 STEWART A  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ARTIS

9257015 B1 TR 2:10-5:20 STEWART A  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B1 RESTRICTED TO ARTIS MAJORS ONLY

INTEGRATED STUDIO ARTS (CONTINUED)

STUDIO FUND:CMPTURS ARTIS 212 2 CREDITS  
 9257020 B2 TR 2:10-5:20 STEWART A  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN ARTIS

STUDIO FUND:PAINTNG ARTIS 213 2 CREDITS  
 Prereq: SOPHOMORE LEVEL AND ABOVE

9266005 A1 MWF 8:00-10:20 WALTON B  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A1 RESTRICTED TO ARTIS MAJORS ONLY

9266010 A2 MWF 8:00-10:20 WALTON B  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ARTIS

9266015 B1 MWF 8:00-10:20 WALTON B  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B1 RESTRICTED TO ARTIS MAJORS ONLY

9266020 B2 MWF 8:00-10:20 WALTON B  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN ARTIS

STUDIO FUND:TEXTILE ARTIS 214 2 CREDITS  
 Prereq: SOPHOMORE LEVEL AND ABOVE

9269005 A1 MWF 3:40-6:00PM PASCHKE T  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A1 RESTRICTED TO ARTIS MAJORS ONLY

9269010 A2 MWF 3:40-6:00PM PASCHKE T  
 MEETS: AUG 20-OCT 12  
 Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN ARTIS

9269015 B1 MWF 3:40-6:00PM PASCHKE T  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B1 RESTRICTED TO ARTIS MAJORS ONLY

9269020 B2 MWF 3:40-6:00PM PASCHKE T  
 MEETS: OCT 15-DEC 14  
 Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN ARTIS

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS  
 Prereq: DSN S 102, DSN S 131, DSN S 183,  
 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO MAJORS IN BPM I AND THE  
 COLLEGE OF DESIGN. NOT OPEN TO ARTIS MAJORS.

1983005 A MW 2:10-5:00  
 MEETS: AUG 20-DEC 14

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 8:00-10:50 HOLLAND B  
 MEETS: AUG 20-DEC 14

1779010 2 MW 9:00-11:50 HOLLAND B  
 MEETS: AUG 20-DEC 14

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 A MW 12:10-3:00 HARRIS A  
 MEETS: AUG 20-DEC 14

WATERCOLOR PAINTING ARTIS 233H 3- 4 CREDITS  
 Prereq: ARTIS 230  
 Note: FOR BPM I, PBPMI, AND COLLEGE OF DESIGN MAJORS  
 WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
 Instructor permission required.

5570005 A MW 12:10-3:00 HARRIS A  
 MEETS: AUG 20-DEC 14

CPTR MODL&VIR PHOTO ARTIS 308 3 CREDITS  
 Prereq: ARTIS 230 OR PERMISSION OF INSTRUCTOR  
 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 A MW 10:00-12:50  
 MEETS: AUG 20-DEC 14

6423010 B TR 9:30-12:30  
 MEETS: AUG 20-DEC 14

SOURCES VISUAL DSGN ARTIS 310 3 CREDITS  
 6432005 A MW 1:10-3:20 VALENTINE O  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A RESTRICTED TO ARTIS MAJORS ONLY

6432010 B MW 1:10-3:20 VALENTINE O  
 MEETS: AUG 20-DEC 14  
 Note: SECTION B RESTRICTED TO ARC, ARCH, ARTED,  
 ART H, ARTDN, ARTGR, ARTID, C R P, DES, DSGN,  
 DSGNS, I DES, IND D, L A MAJORS

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 A MW 1:10-3:20 VALENTINE O  
 MEETS: AUG 20-DEC 14

## INTEGRATED STUDIO ARTS (CONTINUED)

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 A TR 9:30-12:20 MARTIN C  
MEETS: AUG 20-DEC 14

INTMD CERAMCS STDIO ARTIS 322 3 CREDITS  
Prereq: ARTIS 204  
Note: COURSE RESTRICTED TO DESIGN COLLEGE MAJORS ONLY  
Instructor permission required 1st week.  
1799005 A TR 1:10-4:00 LILLIGREN I  
MEETS: AUG 20-DEC 14

SCI ILLUST PRIN&TEC ARTIS 323 3 CREDITS  
Prereq: 6 CREDITS IN ART AND DESIGN AND  
3 CREDITS IN BIOLOGICAL SCIENCES  
Note: COURSE RESTRICTED TO ARTIS, BPM I MAJORS ONLY  
6579005 1 TR 2:10-5:00  
MEETS: AUG 20-DEC 14

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 MW 9:00-11:50  
MEETS: AUG 20-DEC 14

ILLUSTR AS COMMUNIC ARTIS 327 3 CREDITS  
Prereq: ARTIS 326  
7239005 1 TR 6:10-9:00PM  
MEETS: AUG 20-DEC 14

CREATIVE PHOTOGRAPHY ARTIS 329 3 CREDITS  
Prereq: ARTIS 210 OR ARTIS 229 OR PERMISSION  
OF INSTRUCTOR  
Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS  
Instructor permission required 1st week.  
1801005 TR 9:30-12:20  
MEETS: AUG 20-DEC 14

DRAW III:LIFE DRWNG ARTIS 330 3 CREDITS  
Prereq: ARTIS 230  
Note: COURSE RESTRICTED TO BPM I, PBPMI, AND COLLEGE  
OF DESIGN MAJORS  
Instructor permission required 1st week.  
1802005 A TR 2:10-5:00  
MEETS: AUG 20-DEC 14  
1802010 B MW 3:10-6:00PM  
MEETS: AUG 20-DEC 14

PAINTING II ARTIS 338 3 CREDITS  
Prereq: ARTIS 238 OR ARTIS 213 AND ARTIS 230  
Note: Instructor permission required 1st week.  
7832005 A MW 1:10-4:00  
MEETS: AUG 20-DEC 14

WOVEN TXTILE STRUCT ARTIS 345 3 CREDITS  
Prereq: ARTIS 214 OR PERMISSION OF INSTRUCTOR  
1832005 TR 9:00-11:30  
MEETS: AUG 20-DEC 14

PRINTED TXTILE DSGN ARTIS 347 3 CREDITS  
Prereq: ARTIS 214 OR PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
1809005 MW 9:00-11:50  
MEETS: AUG 20-DEC 14

RLF PRINTMAK:DG/TRD ARTIS 356 3- 4 CREDITS  
Prereq: ARTIS 206 AND ARTIS 230  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
Instructor permission required 1st week.  
8869005 TR 2:10-5:00  
MEETS: AUG 20-DEC 14

DESIGNR&SUSTNBL DEV ARTIS 362 3 CREDITS  
Prereq: JUNIOR-LEVEL STANDING  
Note: Meets international perspectives reqmt  
9728005 TR 2:10-5:00  
MEETS: AUG 20-DEC 14

PRIN 3D ANIMATION ARTIS 408 3 CREDITS  
Prereq: ARTIS 308  
Note: Instructor permission required 1st week.  
1834005 MW 1:10-4:00  
MEETS: AUG 20-DEC 14

ADV FURNITURE DSIGN 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 20-DEC 14

## INTEGRATED STUDIO ARTS (CONTINUED)

CERAMICS STUDIO ARTIS 422 3 CREDITS  
Prereq: ARTIS 322  
Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID,  
ARTIS MAJORS  
Instructor permission required 1st week.  
1839005 A TR 3:10-6:00PM  
MEETS: AUG 20-DEC 14

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 MW 9:00-11:50  
MEETS: AUG 20-DEC 14

ADVANCD PHOTOGRAPHY ARTIS 429 3 CREDITS  
Prereq: ARTIS 329  
1836005 TR 9:30-12:20  
MEETS: AUG 20-DEC 14

ADVANCD PHOTOGRAPHY ARTIS 429H 3- 4 CREDITS  
Prereq: ARTIS 329  
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY  
HONORS PROGRAM  
Instructor permission required.  
7018005 TR 9:30-12:20  
MEETS: AUG 20-DEC 14

DRAWING ARTIS 430 3 CREDITS  
Prereq: ARTIS 330  
Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,  
ARTIS, BPM I, PBPMI MAJORS  
Instructor permission required 1st week.  
1841005 TR 11:00-1:50  
MEETS: AUG 20-DEC 14

PAINTING III ARTIS 438 3 CREDITS  
Prereq: ARTIS 338  
Note: Instructor permission required 1st week.  
7833005 MW 1:10-4:00  
MEETS: AUG 20-DEC 14

PAINTING III ARTIS 438H 3- 4 CREDITS  
Prereq: ARTIS 338  
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY  
HONORS PROGRAM  
Instructor permission required.  
7147005 MW 1:10-4:00, ARRANGED  
MEETS: AUG 20-DEC 14

PRINTED TXTILE DSGN ARTIS 447 3 CREDITS  
Prereq: ARTIS 347 OR PERMISSION OF INSTRUCTOR  
9489005 MW 9:00-11:50  
MEETS: AUG 20-DEC 14

ADVANCD PRINTMAKING ARTIS 458 3 CREDITS  
Prereq: ARTIS 356, ARTIS 357, OR ARTIS 358, AND  
PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR, ARTIS  
MAJORS  
1840005 1 TR 2:10-5:00  
MEETS: AUG 20-DEC 14

ADVANCD PRINTMAKING ARTIS 458H 3- 4 CREDITS  
Prereq: ARTIS 356, ARTIS 357, OR ARTIS 358, AND  
PERMISSION OF INSTRUCTOR  
Note: FOR ART, ARTDN, ARTFA, ARTGR, ARTIS MAJORS  
WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
Instructor permission required.  
6312005 1 TR 2:10-5:00  
MEETS: AUG 20-DEC 14

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

## INTEGRATED STUDIO ARTS (CONTINUED)

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

INDEP STDY FURNITUR ARTIS 490L 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 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 ARRANGED  
MEETS: AUG 20-DEC 14

STUDIO INTERNSHIP ARTIS 497 1- 6 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CPTR AID ANIMAT&VIS ARTIS 508 3 CREDITS  
Prereq: ARTIS 408 OR GRADUATE CLASSIFICATION  
AND PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
Instructor permission required 1st week.  
8265005 MW 1:10-4:00  
MEETS: AUG 20-DEC 14

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 20-DEC 14

CERAMICS STUDIO ARTIS 522 3 CREDITS  
Prereq: GRAD CLASSIFICATION OR PERMISSION  
OF INSTRUCTOR  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
1896005 A TR 3:10-6:00PM  
MEETS: AUG 20-DEC 14

JEWEL&DEC METAL III ARTIS 524 3 CREDITS  
Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
Instructor permission required 1st week.  
7255005 MW 9:00-11:50  
MEETS: AUG 20-DEC 14

ADVANC'D PHOTOGRAPHY ARTIS 529 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
7399005 TR 9:30-12:20  
MEETS: AUG 20-DEC 14

## INTEGRATED STUDIO ARTS (CONTINUED)

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 TR 11:00-1:50  
MEETS: AUG 20-DEC 14

ADVANCED PAINTING ARTIS 538 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF  
INSTRUCTOR  
Note: Instructor permission required 1st week.  
7826005 MW 1:10-4:00  
MEETS: AUG 20-DEC 14

ADV PRINT TXTL DSGN ARTIS 547 3 CREDITS  
Prereq: ARTIS 347 OR PERMISSION OF INSTRUCTOR  
9488005 MW 9:00-11:50  
MEETS: AUG 20-DEC 14

RELIEF PRINTMAKING ARTIS 556 3 CREDITS  
Prereq: ARTIS 206, ARTIS 230  
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART  
Instructor permission required 1st week.  
8870005 TR 2:10-5:00  
MEETS: AUG 20-DEC 14

CRITQ SEM:CRTV PROC ARTIS 571C 2 CREDITS  
Prereq: ADMISSION INTO GRADUATE PROGRAM  
IN THE COLLEGE OF DESIGN  
1162005 T 6:10-7:50PM  
MEETS: AUG 20-DEC 14

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 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 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 ENROLLMT.  
Note: COURSE RESTRICTED TO GRADUATE A V C, ARTGR,  
ARTID, ARTIS, IND D MAJORS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPLC TOPICS DRAWING ARTIS 590D 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 SEMESTER 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

SPLC 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

## INTEGRATED STUDIO ARTS (CONTINUED)

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

SPCL TOPCS FURNITUR ARTIS 590L 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

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 ARRANGED  
 MEETS: AUG 20-DEC 14

THESIS RESEARCH IGS 699 VAR. CREDITS  
 4481005 ARRANGED  
 MEETS: AUG 20-DEC 14

**INTERIOR DESIGN**

FUND INTERIOR DSGN ARTID 250 2 CREDITS  
 6589005 1A MW 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 1A RESTRICTED TO ARTID MAJORS  
 6589010 1B MW 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN ARTID

HUMN FACTRS IN DSGN ARTID 251 3 CREDITS  
 2061005 A TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC A RESTRICTED TO ARTID MAJORS ONLY  
 2061010 B TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC B RESTRICTED TO MAJORS OTHER THAN ARTID

GRAPH COM INT DSN I ARTID 261 3 CREDITS  
 Prereq: ADMISSION TO THE INTERIOR DESIGN PROGRAM  
 THROUGH PROGRAM REVIEW AND ENROLLMENT IN 265  
 Note: COURSE RESTRICTED TO ARTID MAJORS ONLY  
 7885005 A MW 1:10-2:00  
 MW 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 7885010 B MW 1:10-2:00  
 MW 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 7885015 C MW 1:10-2:00  
 MW 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 7885020 D MW 1:10-2:00  
 MW 2:10-4:00  
 MEETS: AUG 20-DEC 14

INT DESIGN STUDIO I ARTID 265 4 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN ARTID 250 AND  
 ARTID 261; ADMISSION TO THE INTERIOR DESIGN PROGRAM  
 THROUGH PROGRAM REVIEW  
 Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS  
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.  
 Instructor permission required 1st week.  
 1784015 A T 11:00-11:50  
 TR 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 1784020 B T 11:00-11:50  
 TR 12:10-3:00  
 MEETS: AUG 20-DEC 14

## INTERIOR DESIGN (CONTINUED)

INT DESIGN STUDIO I ARTID 265 4 CREDITS  
 1784025 C T 11:00-11:50  
 TR 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 1784030 D T 11:00-11:50  
 TR 12:10-3:00  
 MEETS: AUG 20-DEC 14

INT BLDG SYS&DTAILS ARTID 353 3 CREDITS  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 7731005 A TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

INT DSN HIST/THY II ARTID 356 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 355 OR  
 PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 1845005 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

INT DSGN STUDIO III ARTID 365 4 CREDITS  
 Prereq: ARTID 263, ARTID 267. CONCURRENT  
 ENROLLMENT IN ARTID 359.  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 Instructor permission required 1st week.  
 1815005 A M 8:00-8:50  
 MW 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 1815010 B M 8:00-8:50  
 MW 9:00-11:50  
 MEETS: AUG 20-DEC 14

INT DESIGN STUDIO V ARTID 465 4 CREDITS  
 Prereq: ARTID 460, OR PERMISSION OF INSTRUCTOR,  
 AND ENROLLMENT IN ARTID 459  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 Instructor permission required 1st week.  
 1851005 A M 1:10-2:00  
 MW 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 1851010 B M 1:10-2:00  
 MW 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 1851015 C M 1:10-2:00  
 MW 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 1851020 D M 1:10-2:00  
 MW 2:10-5:00  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY ARTID 490 1- 6 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTID 490H 1- 6 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
 MEMBERSHIP IN UNIV HONORS PROGRAM  
 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 TR 6:00-7:30PM  
 MEETS: AUG 20-DEC 14

INTERR DSN STUDIO V ARTID 565 4 CREDITS  
 Prereq: GRAD CLASSIFICATN, INSTRUCTOR PERMISSION  
 Note: Instructor permission required 1st week.  
 1906005 A M 1:10-2:00  
 MW 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 1906010 B M 1:10-2:00  
 MW 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 1906015 C M 1:10-2:00  
 MW 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 1906020 D M 1:10-2:00  
 MW 2:10-5:00  
 MEETS: AUG 20-DEC 14

ADV STUDI:ADV COLOR ARTID 569B 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF  
 INSTRUCTOR  
 1684005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

ADV STDI:SUSTBL TEC ARTID 569C 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF  
 INSTRUCTOR  
 Note: COURSE RESTRICTED TO SENIORS AND GRAD STUDENTS  
 TOPIC: LIGHTING  
 1723005 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

INTERIOR DESIGN

(CONTINUED)

ADV STUDI INT DSGN ARTID 569D 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO SENIORS AND GRAD STUDENTS  
 TOPIC: PRESERVATION  
 1754005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

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

RESEARCH METHODS ARTID 660 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 2067005 M 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

ADV EXPERMTL INT DS ARTID 668 4 CREDITS  
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR  
 8248005 T 11:00-12:30  
 TR 12:40-3:40  
 MEETS: AUG 20-DEC 14

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

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  
 9582605 XU ARRANGED STROHMAN J  
 MEETS: AUG 20-DEC 14  
 Note: Section XU is off campus  
 Course delivery is WWW

9582610 XV ARRANGED HOLTHAUS M  
 MEETS: OCT 15-DEC 14  
 Note: Section XV is off campus  
 Course delivery is WWW

9582600 XW ARRANGED STROHMAN J  
 MEETS: OCT 15-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

9582005 1A TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO INTST MAJORS ONLY

9582010 1B TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN INTST

9582015 2A TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2A RESTRICTED TO INTST MAJORS ONLY

9582020 2B TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2B RESTRICTED TO MAJORS OTHER THAN INTST

9582025 3A MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3A RESTRICTED TO INTST MAJORS ONLY

9582030 3B MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3B RESTRICTED TO MAJORS OTHER THAN INTST

9582035 4A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 4A RESTRICTED TO INTST MAJORS ONLY

9582040 4B MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 4B RESTRICTED TO MAJORS OTHER THAN INTST

INDEPENDENT STUDY INTST 490 1- 3 CREDITS  
 Prereq: PERMISSION OF INTERNATIONAL STUDIES DIRECTOR AND FACULTY SUPERVISOR

Note: NO MORE THAN 3 CREDITS IN INTST 490 MAY BE USED TOWARD GRADUATION IN THE INTERNATIONAL STUDIES MAJOR OR MINOR  
 3719005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Permission of department chair required.

**ITALIAN**

INTENS BEGN ITALIAN ITAL 107 4 CREDITS  
 9528005 MTWR 10:00-10:50  
 MEETS: AUG 20-DEC 14

**JOURNALISM & MASS COMMUNICATION**

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS  
 4656005 1A MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

Note: SEC 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS ONLY  
 4656010 1B MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN ADVRT, JL MC, P R

JOURNLS&COMM ORIENT JL MC 110 1 CREDIT  
 Satisfactory-Fail Only.

4657005 1 T 8:00-9:20  
 MEETS: AUG 20-DEC 14

4657010 2 R 8:00-9:20  
 MEETS: AUG 20-DEC 14

4657015 3 T 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 RESTRICTED TO MAJORS IN THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES

4657020 4 R 9:30-10:50  
 MEETS: AUG 20-DEC 14

ID, DIVERSITY & MEDIA JL MC 140X 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 9553600 XW ARRANGED WITHERSPOON B  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

REPORT&WRIT MASS MD JL MC 201 3 CREDITS  
 Prereq: CLASSIFICATION IN A GREENLEE SCHOOL MAJOR OR PERMISSION OF DEPARTMENT; PASS DEPARTMENTAL ASSESSMENT EXAM IN LANGUAGE SKILLS BEFORE REGISTERNG; ENGL 250; CREDIT OR ENROLLMENT IN JL MC 110

Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS  
 4658005 1 MW 8:00-10:10  
 MEETS: AUG 20-DEC 14

4658015 2 MW 10:20-12:30  
 MEETS: AUG 20-DEC 14

4658020 3 TR 9:50-12:00  
 MEETS: AUG 20-DEC 14

4658025 4 TR 9:50-12:00  
 MEETS: AUG 20-DEC 14

4658030 5 MW 12:40-2:50  
 MEETS: AUG 20-DEC 14

4658035 6 MW 2:10-4:20  
 MEETS: AUG 20-DEC 14

JOURNALISM PRINCIPLES JL MC 240 3 CREDITS  
 1294005 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

VISUAL PRIN MASS CM JL MC 242 3 CREDITS  
 4673005 1A MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS  
 Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

4673010 1B MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN ADVRT, JL MC, P R MAJORS  
 Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

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 12:10-2:00  
 MEETS: AUG 20-DEC 14

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 8:00-9:50  
 MEETS: AUG 20-DEC 14

8511010 2 TR 12:10-2:00  
 MEETS: AUG 20-DEC 14

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 2:10-4:00  
 MEETS: AUG 20-DEC 14

## JOURNALISM &amp; MASS COMMUNICATION (CONTINUED)

DIGITL VIDEO PRODUC JL MC 307 3 CREDITS  
Prereq: CLASSIFICATION IN A GREENLEE SCHOOL MAJOR  
4727005 1 MW 12:10-1:00  
F 8:00-9:50  
MEETS: AUG 20-DEC 14

4727010 2 MW 12:10-1:00  
F 10:00-11:50  
MEETS: AUG 20-DEC 14

4727015 3 MW 12:10-1:00  
F 12:10-2:00  
MEETS: AUG 20-DEC 14

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 2:10-4:00  
MEETS: AUG 20-DEC 14

FUND PHOTOJOURNALSM 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 MW 8:00-9:50  
MEETS: AUG 20-DEC 14

8688010 2 TR 10:00-11:50  
MEETS: AUG 20-DEC 14

8688015 3 TR 12:10-2:00  
MEETS: AUG 20-DEC 14

MULTIMEDIA PRODUCTN JL MC 315 3 CREDITS  
Prereq: JL MC 308 OR JL MC 310 OR JL MC 316 OR  
EQUIVALENT COMPUTER DESIGN PROFICIENCY  
Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS  
4663005 1 MW 10:00-11:50  
MEETS: AUG 20-DEC 14

4663010 2 MW 3:10-5:00  
MEETS: AUG 20-DEC 14

INTRO DIGITL PUBLISH JL MC 316 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN JL MC 242  
AND C+ OR BETTER IN JL MC 201  
5325005 1 MW 2:10-3:50  
MEETS: AUG 20-DEC 14

5325010 2 TR 2:10-3:50  
MEETS: AUG 20-DEC 14

5325015 3 TR 12:20-2:00  
MEETS: AUG 20-DEC 14

5325020 4 TR 8:00-9:40  
MEETS: AUG 20-DEC 14

5325025 5 MW 4:10-5:50  
MEETS: AUG 20-DEC 14

FEATURE WRITING JL MC 344 3 CREDITS  
Prereq: C+ OR BETTER IN JL MC 302 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 TR 10:00-11:40  
MEETS: AUG 20-DEC 14

PUBL AFFAIRS REPORT JL MC 346 3 CREDITS  
Prereq: C+ OR BETTER IN JL MC 302 OR P R 321  
4675005 1 MW 10:20-12:00  
MEETS: AUG 20-DEC 14

SCIENCE COMMUNICATN JL MC 347 3 CREDITS  
Prereq: C+ OR BETTER IN JL MC 302 OR P R 321.  
NONMAJORS AND MINORS BY PERMISSION OF INSTRUCTOR.  
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY  
4676005 MW 3:10-5:00  
MEETS: AUG 20-DEC 14

NEWS&FEATUR EDITING JL MC 349 3 CREDITS  
Prereq: C+ OR BETTER IN JL MC 302 OR P R 321  
Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS  
4677005 1 TR 2:10-4:00  
MEETS: AUG 20-DEC 14

PRO SKILL DEVEL:MAP JL MC 390A 1 CREDIT  
Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR  
PERMISSION FOR NONMAJORS  
9706005 1 ARRANGED  
MEETS: AUG 20-DEC 14

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 8:00-8:50  
MEETS: AUG 20-DEC 14

4688010 2 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

## JOURNALISM &amp; MASS COMMUNICATION (CONTINUED)

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 9:00-9:50  
MEETS: AUG 20-DEC 14

COMM TECH&SOC CHANG JL MC 474 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
4692005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

DIVRSTY IN THE MDIA JL MC 477 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets U.S. diversity reqmt  
4554600 XW ARRANGED GESKE J  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

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

SPL TOPC MAGZN PUBL JL MC 497C 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
9911005 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

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 306  
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 306  
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 R 5:10-8:00PM  
MEETS: AUG 20-DEC 14  
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 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

SCIENCE COMMUNICATN JL MC 547 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION. NONMAJORS  
AND MINORS MUST HAVE PERMISSION OF INSTRUCTOR.  
7316005 MW 3:10-5:00  
MEETS: AUG 20-DEC 14

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

## JOURNALISM &amp; MASS COMMUNICATION (CONTINUED)

INTR GRAD STU JRNLS JL MC 592 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION IN JL MC  
 8072005 1 T 5:10-6:00PM  
 MEETS: AUG 20-DEC 14

SEM AUDIENC&EFFECTS JL MC 598A 1- 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION  
 OF INSTRUCTOR  
 Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
 TOPIC: POLITICAL COMMUNITCATION: THE MEDIA &  
 ELECTRONICS  
 4751005 M 5:30-8:30PM  
 MEETS: AUG 20-DEC 14

CREATIVE COMPONENT JL MC 599 VAR. CREDITS  
 Prereq: APPROVED CREDIT COMPONENT PROPOSAL  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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 20-DEC 14

SWIMMING II KIN 102 1 CREDIT  
 Prereq: KIN 101 OR EQUIVALENT SKILL  
 Satisfactory-Fail Only.  
 5661005 1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

AQUATIC FITNESS KIN 108 1 CREDIT  
 Prereq: KIN 102 OR EQUIVALENT SKILL  
 Satisfactory-Fail Only.  
 5665005 1 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14

BADMINTON KIN 122 1 CREDIT  
 Satisfactory-Fail Only.  
 5671005 1 MWF 9:00-10:15  
 MEETS: OCT 15-DEC 14  
 5671010 2 MWF 10:30-11:45  
 MEETS: OCT 15-DEC 14

BOWLING KIN 129 1 CREDIT  
 Satisfactory-Fail Only.  
 5675005 1 MW 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5675010 2 MW 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5675015 3 TR 9:30-10:20  
 MEETS: AUG 20-DEC 14  
 5675020 4 TR 11:00-11:50  
 MEETS: AUG 20-DEC 14

GOLF KIN 135 1 CREDIT  
 Satisfactory-Fail Only.  
 5678005 1 MWF 8:00-9:20  
 MEETS: AUG 20-OCT 12  
 5678010 2 MWF 9:30-10:50  
 MEETS: AUG 20-OCT 12  
 5678015 3 MWF 11:00-12:20  
 MEETS: AUG 20-OCT 12

RACQUETBALL KIN 144 1 CREDIT  
 Satisfactory-Fail Only.  
 5683005 1 MW 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5683010 2 MW 10:00-10:50  
 MEETS: AUG 20-DEC 14

ICE SKATING KIN 153 1 CREDIT  
 Note: COURSE TAUGHT AT AMES/ISU ICE ARENA, SOUTHEAST OF  
 THE TOWERS. MUST ALLOW EXTRA TIME BETWEEN THIS AND  
 OTHER CLASSES FOR TRAVEL TO AND FROM AMES/ISU ICE  
 ARENA. MUST PROVIDE OWN TRANSPORTATION.  
 Satisfactory-Fail Only.  
 5689005 1 TR 1:10-3:00  
 MEETS: OCT 15-DEC 14

TENNIS KIN 158 1 CREDIT  
 Satisfactory-Fail Only.  
 5690005 1 MWF 8:00-9:20  
 MEETS: AUG 20-OCT 12  
 5690010 2 MWF 9:30-10:50  
 MEETS: AUG 20-OCT 12  
 5690015 3 MWF 11:00-12:20  
 MEETS: AUG 20-OCT 12  
 5690020 4 MWF 12:40-2:00  
 MEETS: AUG 20-OCT 12

## KINESIOLOGY (CONTINUED)

PHYSICAL FITNESS KIN 163 1 CREDIT  
 Note: CREDIT FOR EITHER KIN 163 OR KIN 258, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Satisfactory-Fail Only.  
 5694005 1 MW 8:00-8:50  
 MEETS: AUG 20-DEC 14

WALKING FOR FITNESS KIN 164 1 CREDIT  
 Satisfactory-Fail Only.  
 8867005 1 MWF 11:00-12:05  
 MEETS: AUG 20-OCT 12  
 8867010 2 TR 9:30-11:05  
 MEETS: AUG 20-OCT 12  
 8867015 3 TR 11:00-12:35  
 MEETS: AUG 20-OCT 12

RUNNING FOR FITNESS KIN 165 1 CREDIT  
 Satisfactory-Fail Only.  
 5343005 MWF 8:00-9:20  
 MEETS: AUG 20-OCT 12

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 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5696010 2 MW 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5696015 3 MW 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5696020 4 MW 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5696025 5 MW 1:10-2:00  
 MEETS: AUG 20-DEC 14

JUDO KIN 168 1 CREDIT  
 Satisfactory-Fail Only.  
 5353005 TR 9:00-9:50  
 MEETS: AUG 20-DEC 14

TAEKWONDO/KARATE I KIN 170 1 CREDIT  
 Satisfactory-Fail Only.  
 5700005 1 MW 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5700010 2 MW 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5700015 3 MW 11:00-11:50  
 MEETS: AUG 20-DEC 14

TAEKWONDO/KARATE II KIN 171 1 CREDIT  
 Prereq: 170  
 Satisfactory-Fail Only.  
 5701005 1 TR 12:10-1:00  
 MEETS: AUG 20-DEC 14

HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT  
 Satisfactory-Fail Only.  
 5702005 1 TR 11:00-11:50  
 MEETS: AUG 20-DEC 14

VOLLEYBALL KIN 182 1 CREDIT  
 Satisfactory-Fail Only.  
 5710005 1 TR 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5710010 2 TR 12:10-1:00  
 MEETS: AUG 20-DEC 14

SOCCER KIN 185 1 CREDIT  
 Satisfactory-Fail Only.  
 5712005 1 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

CNCPTS FITNSS&WELLN KIN 210 2 CREDITS  
 8843005 1 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Course delivery is WWW

SCHOOL PHY ACT PROG KIN 214 1 CREDIT  
 Prereq: FRESHMAN CLASSIFICATION  
 Satisfactory-Fail Only.  
 4672005 ARRANGED  
 MEETS: AUG 20-DEC 14

FUND TUMBLING&GYMNS KIN 231 1 CREDIT  
 Prereq: ELIGIBILITY FOR ADMISSION TO KIN  
 TEACHER EDUCATION PROGRAM  
 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 9:00-10:45  
 MEETS: OCT 15-DEC 14



KINESIOLOGY (CONTINUED)

FUND TEAM SPORTS KIN 232 1 CREDIT  
 Prereq: ELIGIBILITY FOR ADMISSION TO KIN  
 TEACHER EDUCATION PROGRAM  
 Note: Instructor permission required 1st week.  
 9616005 1 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

HEALTH CAREER PLAN KIN 242 .5 CREDIT  
 Prereq: KIN H MAJOR IN PHP OPTION WITH SOPHOMORE  
 CLASSIFICATION OR ABOVE  
 Satisfactory-Fail Only.  
 4697005 1 R 2:10-3:00  
 MEETS: AUG 20-OCT 12  
 4697010 2 F 1:10-2:00  
 MEETS: AUG 20-OCT 12

KINESIOLOGY PROFESSNS KIN 252 1 CREDIT  
 7415005 1 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,  
 H S, KIN H, P ATR, PDEXA, PDEXH MAJORS ONLY  
 Course delivery is WWW  
 7415010 2 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH  
 Course delivery is WWW

ORIENTED KINESIOLOGY & HEALTH KIN 253 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT OR CREDIT IN  
 KIN 252  
 Satisfactory-Fail Only.  
 7498005 1 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO KIN H, P ATR, A TR  
 FRESHMEN AND SOPHOMORES ONLY  
 7498010 2 M 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO KIN H, P ATR, A TR  
 FRESHMEN AND SOPHOMORES ONLY  
 7498015 3 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 RESTRICTED TO KIN H, A TR, P ATR  
 MAJORS ONLY  
 7498020 4 M 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 4 RESTRICTED TO KIN H, A TR, P ATR  
 MAJORS ONLY  
 7498025 5 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 5 RESTRICTED TO KIN H, A TR, P ATR  
 MAJORS ONLY  
 Course delivery is WWW  
 7498030 6 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 6 RESTRICTED TO KIN H, P ATR, A TR  
 FRESHMEN AND SOPHOMORES ONLY  
 7498035 7 M 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 7 RESTRICTED TO KIN H, P ATR, A TR  
 FRESHMEN AND SOPHOMORES ONLY

PHYS FITNESS & COND KIN 258 2 CREDITS  
 Prereq: MAJOR IN KINESIOLOGY OR HEALTH ONLY  
 Note: LECTURES (REPRESENTED BY THE ARRANGED TIME) WILL  
 BE DELIVERED VIA WWW. THE SCHEDULED CLASSROOM TIMES  
 ARE LABS. 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 1A TR 8:00-8:50, ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732010 1B TR 8:00-8:50, ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732015 2A TR 9:00-9:50, ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732020 2B TR 9:00-9:50, ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732025 3A TR 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732030 3B TR 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732035 4A TR 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732040 4B TR 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732045 5A TR 12:10-1:00  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732050 5B TR 12:10-1:00  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732055 6A TR 1:10-2:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732060 6B TR 1:10-2:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732065 7A TR 2:10-3:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 5732070 7B TR 2:10-3:00, ARRANGED  
 MEETS: AUG 20-DEC 14

KINESIOLOGY (CONTINUED)

LDRSHIP TECH FITNESS KIN 259 2 CREDITS  
 Prereq: KIN 258  
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR,  
 PDEXA, PDEXH, KIN H MAJORS ONLY  
 9622005 1 W 1:10-2:00  
 M 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 9622010 2 W 1:10-2:00  
 M 3:10-5:00  
 MEETS: AUG 20-DEC 14

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 8:00-9:20  
 R 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 7421010 2 T 9:30-10:50  
 R 9:30-10:50  
 MEETS: AUG 20-DEC 14

FIELD EXP ELEM P E KIN 280 1 CREDIT  
 Note: COURSE RESTRICTED TO KIN H MAJORS ONLY  
 Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 5736005 1 F 8:00-11:30  
 MEETS: AUG 20-DEC 14  
 Note: FRIDAY MTGS FIRST TWO WEEKS OF SEMESTER ONLY.  
 REMAINDER OF COURSE IS EXPERIENCE.  
 5736010 2 R 8:00-11:30  
 MEETS: AUG 20-DEC 14  
 Note: THURSDAY MTGS FIRST TWO WEEKS OF SEMESTER ONLY.  
 REMAINDER OF COURSE IS EXPERIENCE.

FIELD EXP SECYD P E KIN 281 1 CREDIT  
 Note: COURSE RESTRICTED TO KIN H MAJORS ONLY  
 Satisfactory-Fail Only.  
 7699005 1 F 8:00-11:30  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 7699010 2 R 8:00-11:30  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.

FLD EXP EDUC OUTRCH KIN 282 1 CREDIT  
 Prereq: ADMISSION TO UNIVERSITY TEACHER EDUC PROG  
 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 20-DEC 14

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 8:00-10:50  
 MEETS: AUG 20-DEC 14

PRE-INTERN KIN&HLTH KIN 285 1- 2 CREDITS  
 Prereq: KINESIOLOGY AND HEALTH MAJOR, AND  
 PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 8750005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required.

INDEPENDENT STUDY KIN 290 1 CREDIT  
 Prereq: SOPHOMORE OR 2ND SEMESTER FRESHMAN,  
 PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ELEM SCH MOVEMNT ED KIN 312 3 CREDITS  
 Prereq: ADMISSION TO EDUCATOR PREPARATION  
 PROGRAM; KIN 280  
 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 20-DEC 14

COACH THY&ADMIN ISS KIN 315 3 CREDITS  
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY  
 5372005 1 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

MGT HEALTH-FIT PROG KIN 345 3 CREDITS  
 7697005 1 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 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  
 7697010 2 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, FSHNA, FSHNH, KIN, KIN H,  
 P ATR, PDEXA, PDEXH

KINESIOLOGY (CONTINUED)

BIOMECHANICS KIN 355 3 CREDITS  
 Prereq: PHYS 111 OR PHYS 115  
 5752005 1 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH,  
 KIN H, P ATR, PDEXA, PDEXH JUNIORS AND ABOVE AND  
 KIN, FSHNA, FSHNH MAJORS  
 5752010 2 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA,  
 PDEXH, FSHNH, FSHNA  
 5752015 3 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 RESTRICTED TO A TR, D EXA, D EXH,  
 KIN H, P ATR, PDEXA, PDEXH JUNIORS AND ABOVE AND  
 KIN, FSHNA, FSHNH MAJORS  
 5752020 4 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 4 RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA,  
 PDEXH, FSHNH, FSHNA

PHYSIOLOGY EXERCISE KIN 358 3 CREDITS  
 Prereq: BIOL 255, BIOL 255L, BIOL 256 AND  
 BIOL 256L  
 5766005 A MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A RESTRICTED TO A TR, D EXA, D EXH, KIN,  
 KIN H, P ATR, PDEXA, PDEXH JUNIORS AND ABOVE  
 5766010 B MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC B RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH  
 5766015 C MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC C RESTRICTED TO A TR, D EXA, D EXH, KIN,  
 KIN H, P ATR, PDEXA, PDEXH JUNIORS AND ABOVE  
 5766020 D MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC D RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH

SOC PHY ACTV&HEALTH KIN 360 3 CREDITS  
 Prereq: SOC 134, STAT 101 OR 104 OR 226/326;  
 OR KIN 471  
 5753005 1 F 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS WWW INSTRUCTION.  
 SECTION 1 RESTRICTED TO A TR, KIN H, D EXA, D EXH,  
 P ATR, PDEXA, PDEXH JUNIORS AND SRS AND KIN, FSHNH,  
 FSHNA MAJORS.  
 5753010 2 F 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS WWW INSTRUCTION.  
 SECTION 2 RESTRICTED TO A TR, KIN H, D EXA, D EXH,  
 P ATR, PDEXA, PDEXH JUNIORS AND SRS AND KIN, FSHNH,  
 FSHNA MAJORS  
 5753015 3 F 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS WWW INSTRUCTION.  
 SEC 3 RESTRICTED TO MAJORS OTHER THAN KIN, KIN H,  
 D EXA, D EXH, A TR, P ATR, PDEXA, PDEXH, FSHNH, FSHNA  
 5753020 4 F 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS WWW INSTRUCTION.  
 SECTION 4 RESTRICTED TO MAJORS OTHER THAN KIN, KIN H,  
 D EXA, D EXH, PDEXA, PDEXH, A TR, P ATR, FSHNH, FSHNA

SPORT PSYCHOLOGY KIN 365 3 CREDITS  
 Prereq: PSYCH 101 OR PSYCH 230  
 Note: Instructor permission required 1st week.  
 5754005 1A W 2:10-3:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO A TR, DEX A, DEX H, KIN H,  
 P ATR, PDEXH JUNIORS AND SENIORS AND KIN MAJORS  
 5754010 1B W 2:10-3:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN  
 A TR, DEX A, DEX H, KIN, KIN H, P ATR, PDEXA, PDEXH

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS  
 Prereq: PSYCH 101 OR PSYCH 230  
 7190005 1 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, KIN H,  
 P ATR, PDEXA, PDEXH JRS AND SENIORS AND KIN, FSHNH,  
 FSHNA MAJORS  
 7190010 2 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN A TR,  
 D EXA, D EXH, KIN, KIN H, P ATR, PDEXA, PDEXH, FSHNH,  
 FSHNA

KINESIOLOGY (CONTINUED)

MOTOR CNTRL LIFESP KIN 372 3 CREDITS  
 Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256  
 9623005 1A MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1A RESTRICTED TO A TR, D EXA, D EXH,  
 KIN H, P ATR, PDEXA, PDEXH JRS AND SENIORS AND  
 KIN, FSHNH, FSHNA MAJORS  
 9623010 1B MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA,  
 PDEXH, FSHNH, FSHNA  
 9623015 2A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2A RESTRICTED TO A TR, D EXA, D EXH,  
 KIN H, P ATR, PDEXA, PDEXH JRS AND SENIORS AND  
 KIN, FSHNH, FSHNA MAJORS  
 9623020 2B MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2B RESTRICTED TO MAJORS OTHER THAN  
 A TR, D EXA, D EXH, KIN, KIN H, P ATR, PDEXA,  
 PDEXH, FSHNH, FSHNA

INTERNSH SRCH STRAT KIN 385 .5 CREDIT  
 Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN  
 MINIMUM OF TWO SEMESTERS PRIOR TO REQUIRED INTERNSHIP  
 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 20-OCT 12  
 5761010 2 F 1:10-2:00, ARRANGED  
 MEETS: AUG 20-OCT 12

SRV LRN LEADSHP EXP KIN 391 1- 3 CREDITS  
 Satisfactory-Fail Only.  
 6691005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

ADAPTED PHYSICAL ED KIN 395 3 CREDITS  
 Prereq: ADMISSION TO EDUCATOR PREPARATION  
 PROGRAM; KIN 280 OR KIN 281  
 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 12:10-1:00  
 F 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 5760010 2 MW 12:10-1:00  
 F 10:00-11:50  
 MEETS: AUG 20-DEC 14

RECREATNL SPORT MGT KIN 399 3 CREDITS  
 Prereq: SOC 134  
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS  
 6217005 1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

SUPV TCHG-SECONDARY KIN 417 VAR. CREDITS  
 Prereq: KIN 281, KIN 282, KIN 313, KIN 355,  
 KIN 395, KIN 471, KIN 475; ADMISSION TO TEACHER  
 EDUCATION; APPROVAL BEFORE ENROLLING IN THE COURSE.  
 Note: COURSE ONLY OFFERED FOR 1-8 CREDITS FALL 2018.  
 RESTRICTED TO STUDENTS WITH FULL ADMISSION  
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM -  
 MUST APPLY FOR APPROVAL TO ENROLL AT BEGINNING OF  
 THE SEMESTER PRIOR TO REGISTERING.  
 Department permission required.  
 5764005 1A ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 5764010 1R ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 5764015 2A ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 5764020 2R ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

SUPR TCHG-ELEMENTARY KIN 418 8 CREDITS  
 Prereq: KIN 280, KIN 282, KIN 312, KIN 355,  
 KIN 395, KIN 471, KIN 475, MUST BE FULLY ADMITTED TO  
 TEACHER EDUCATION AND MUST APPLY FOR APPROVAL TO  
 ENROLL AT THE BEGINNING OF SEMESTER PRIOR TO REGISTERING  
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION  
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM -  
 MUST APPLY FOR APPROVAL TO ENROLL AT BEGINNING OF  
 THE SEMESTER PRIOR TO REGISTERING  
 Department permission required.  
 5765005 1A ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 5765010 1R ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 5765015 2A ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 5765020 2R ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

LEGAL ASPS OF SPORT KIN 445 3 CREDITS  
 Note: COURSE RESTRICTED TO KIN, KIN H JUNIORS  
 AND ABOVE AND FSHNA AND FSHNH GRADUATE STUDENTS  
 8560005 MW 11:00-12:30  
 MEETS: AUG 20-DEC 14

BIOMECH RSRCH TOPCS KIN 455 3 CREDITS  
 Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO A TR, D EXA, D EXH,  
 KIN H, P ATR, PDEXA, PDEXH JUNIORS AND SENIORS ONLY  
 6334005 MW 10:00-11:20  
 MEETS: AUG 20-DEC 14

PRIN FITNESS ASSESS KIN 458 4 CREDITS  
 Prereq: KIN 258, 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 A MWF 1:10-2:00  
 T 11:00-12:50  
 MEETS: AUG 20-DEC 14

5767010 B MWF 1:10-2:00  
 T 1:10-3:00  
 MEETS: AUG 20-DEC 14

5767015 C MWF 1:10-2:00  
 T 3:10-5:00  
 MEETS: AUG 20-DEC 14

5767020 D MWF 2:10-3:00  
 R 11:00-12:50  
 MEETS: AUG 20-DEC 14

5767025 E MWF 2:10-3:00  
 R 1:10-3:00  
 MEETS: AUG 20-DEC 14

5767030 F MWF 2:10-3:00  
 R 3:10-5:00  
 MEETS: AUG 20-DEC 14

INTERN EXER LEADRSRSH KIN 459 1 CREDIT  
 Prereq: C- OR BETTER IN KIN 259, CPR  
 CERTIFICATION, CURRENT ENROLLMENT IN KIN 458  
 Note: COURSE RESTRICTED TO KIN H JUNIORS AND ABOVE;  
 AND FSHNA, FSHNH, KIN GRADUATE STUDENTS  
 3473005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

MEDIC ASPECTS EXERC KIN 462 3 CREDITS  
 Prereq: 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 9:00-9:50  
 MEETS: AUG 20-DEC 14

5763010 2 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

EXERC&HLTH:BHVR CHG KIN 467 3 CREDITS  
 Prereq: KIN 366 OR EQUIVALENT  
 Note: COURSE RESTRICTED TO KIN H, D EXA, D DEXH,  
 A TR, P ATR, PDEXA, PDEXH JUNIORS AND SENIORS AND  
 KIN GRADUATE STUDENTS  
 6255005 W 3:10-5:00, ARRANGED  
 MEETS: AUG 20-DEC 14

NEURL BASIS HUM MVT KIN 472 3 CREDITS  
 Prereq: KIN 372 OR PSYCH 310  
 7322005 1 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

PHYSCL DIMENS AGING KIN 473 3 CREDITS  
 Prereq: KIN 355 OR KIN 358 OR KIN 372  
 8757005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

PE CURRIC DSN & ORG KIN 475 3 CREDITS  
 Prereq: ADMISSION TO EDUCATOR PREPARATION  
 PROGRAM, KIN 280 OR KIN 281  
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO  
 THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 5771005 1 MW 3:30-4:45  
 MEETS: AUG 20-DEC 14

FUNCTIONAL ANATOMY KIN 480 3 CREDITS  
 Prereq: KIN 355; BIOL 155 OR BIOL 255 AND BIOL  
 256  
 Note: COURSE RESTRICTED TO KIN H, D EXA, D DEXH,  
 A TR, P ATR, PDEXA, PDEXH JUNIORS AND SENIORS AND  
 KIN GRADUATE STUDENTS  
 6175005 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

INTERNSH FITNSS MGT KIN 485A 8-16 CREDITS  
 Prereq: ALL REQUIRED COURSES; C- OR BETTER IN  
 KIN 458, KIN 459, AND KIN 462; CLASSIFICATION IN A  
 KINESIOLOGY OR HEALTH MAJOR; CUMULATIVE GPA 2.0  
 Satisfactory-Fail Only.  
 5772005 1 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 OFFERED FOR 8-16 CREDITS  
 Instructor permission required.

5772010 2 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 OFFERED FOR 1 CREDIT

5772015 3 ARRANGED  
 MEETS: AUG 20-DEC 14

5772600 XW ARRANGED POWER D  
 MEETS: AUG 20-DEC 14

INTERNSH FITNSS MGT KIN 485A 8-16 CREDITS  
 Note: Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW

IND STUDY EXER&SPRT KIN 490A 1- 3 CREDITS  
 Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND  
 PERMISSION OF COORDINATOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS KIN 490H 1- 2 CREDITS  
 Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND  
 PERMISSION OF COORDINATOR  
 Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
 HONORS PROGRAM ONLY  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRA MOTV INTVW:PRIN KIN 494A 1 CREDIT  
 Prereq: JUNIOR/SENIOR STATUS AND PERMISSION  
 OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 9731005 T 2:10-3:00  
 MEETS: AUG 20-DEC 14

PRA MOTV INTVW:SUPV KIN 494B 1 CREDIT  
 Prereq: KIN 494A, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 9729005 1 ARRANGED  
 MEETS: AUG 20-OCT 12

9729010 2 ARRANGED  
 MEETS: OCT 15-DEC 14

EXER PHYSIO LAB TEC KIN 505 2 CREDITS  
 Prereq: KIN 358 OR EQUIVALENT COURSE WITH BASIC  
 LAB EXPERIENCE  
 5781005 1 M 4:10-6:00PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14

MUSCULOSKEL MODELNG KIN 517 3 CREDITS  
 Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR  
 7434005 TR 2:10-3:00  
 MEETS: AUG 20-DEC 14

ADV TOP EX&SP PSYCH KIN 521 3 CREDITS  
 Prereq: KIN 365 OR KIN 366, 3 COURSES IN  
 PSYCHOLOGY, MAJOR IN KINESIOLOGY OR PERMISSION  
 OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 5785005 T 6:10-9:00PM  
 MEETS: AUG 20-DEC 14

ADV VERTB PHYSIOL I KIN 549 4 CREDITS  
 Prereq: BIOL 335; CREDIT OR ENROLLMENT IN BBMB  
 404 OR BBMB 420  
 2329005 TR 8:00-9:50  
 MEETS: AUG 20-DEC 14

ADV PHYSIOL EXERC I KIN 550 3 CREDITS  
 Prereq: KIN 505  
 5791005 1 T 4:10-6:00PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14

NEURAL BASIS HM MVT KIN 572 3 CREDITS  
 Prereq: KIN 372 OR PSYCH 310  
 7327005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

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

KINESIOLOGY (CONTINUED)

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

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 2017  
 Instructor permission required 1st week.  
 5812005 1 F 1:10-2:00  
 MEETS: AUG 20-DEC 14

MOLECU L BIOL MUSCLE KIN 670 3 CREDITS  
 Prereq: BBMB 405, BBMB 420, OR BBMB 502  
 1425005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

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 MWF 1:10-5:30  
 ARRANGED  
 MEETS: AUG 20-DEC 14

NATIV PLNTS MIDWEST L A 221 3 CREDITS  
 Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM  
 Note: COURSE RESTRICTED TO L A MAJORS ONLY  
 6091005 TR 8:00-8:50  
 TR 9:00-12:15  
 MEETS: AUG 20-DEC 14

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 MW 11:00-11:50  
 MEETS: AUG 20-DEC 14

FND NAT R PLCY&HIST L A 270 3 CREDITS  
 3566005 ARRANGED  
 MEETS: AUG 20-DEC 14

CULTURL LANDSC STUD L A 272 3 CREDITS  
 Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM  
 Note: COURSE RESTRICTED TO L A MAJORS ONLY  
 Meets U.S. diversity reqmt  
 6095005 MW 9:00-10:30  
 MEETS: AUG 20-DEC 14

LNDSKP FORM,PROCESS L A 281 3 CREDITS  
 Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM  
 Note: COURSE RESTRICTED TO L A MAJORS ONLY  
 6108005 TR 2:10-3:30, ARRANGED  
 MEETS: AUG 20-DEC 14

SITE DESIGN II L A 301 6 CREDITS  
 Prereq: L A 202  
 Note: Instructor permission required 1st week.  
 4777005 1 F 1:10-5:20  
 MW 1:10-5:20  
 MEETS: AUG 20-DEC 14

4777010 2 F 1:10-5:20  
 MW 1:10-5:20  
 MEETS: AUG 20-DEC 14

LNDSKP:ANTQ TO 1750 L A 373 3 CREDITS  
 Note: Meets international perspectives reqmt  
 Instructor permission required 1st week.  
 4768005 1 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

Note: SEC 1 RESTRICTED TO L A, P LA MAJORS ONLY  
 4768010 2 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN L A, P LA

LANDSCAPE ARCHITECTURE (CONTINUED)

SHAPING THE LAND L A 381 3 CREDITS  
 Prereq: L A 282; MATH 143 OR MATH 145  
 Note: Instructor permission required 1st week.  
 4782005 1 MW 11:00-11:50  
 F 10:00-11:50  
 MEETS: AUG 20-DEC 14

URBAN DESIGN L A 402 6 CREDITS  
 Prereq: L A 302  
 6174005 A F 1:10-5:20  
 MW 1:10-5:20  
 MEETS: AUG 20-DEC 14

6174010 B F 1:10-5:20  
 MW 1:10-5:20  
 MEETS: AUG 20-DEC 14

URBAN DESIGN L A 402H 7 CREDITS  
 Prereq: L A 302  
 Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY  
 HONORS PROGRAM ONLY  
 Instructor permission required.  
 6415005 1 F 1:10-5:20  
 MW 1:10-5:20, ARRANGED  
 MEETS: AUG 20-DEC 14

ADV LAND ARC DESIGN L A 404 6 CREDITS  
 Prereq: L A 401  
 Note: Instructor permission required 1st week.  
 4781005 1 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14

4781010 2 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14

ADV LAND ARC DESIGN L A 404H 6- 7 CREDITS  
 Prereq: L A 401. MEMBERSHIP IN UNIV HONORS  
 PROGRAM.  
 Note: COURSE ONLY OFFERED FOR 6 CREDITS FALL 2018  
 Instructor permission required.  
 7150005 MWF 1:10-5:20  
 MEETS: AUG 20-DEC 14

LAND ARCH INTERNSHP L A 444A R CREDIT  
 Prereq: L A 341 OR PERMISSION OF ADVISER AND  
 CHAIR  
 3036005 ARRANGED  
 MEETS: AUG 20-DEC 14

L ARCH STUDY ABROAD L A 444B R CREDIT  
 Prereq: L A 341 OR PERMISSION OF ADVISER AND  
 CHAIR  
 6212005 ARRANGED  
 MEETS: AUG 20-DEC 14

LA NAT'L STDT XCHNG L A 444C R CREDIT  
 Prereq: L A 341 OR PERMISSION OF ADVISER AND  
 CHAIR  
 6213005 ARRANGED  
 MEETS: AUG 20-DEC 14

FUND REMOTE SENSING L A 454 3 CREDITS  
 2309005 MW 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 GELDER B

LSCP PARAMTRCS&CPUT L A 457 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 3528005 MW 8:30-9:50  
 MEETS: AUG 20-DEC 14

TOPIC INTERDISCIPLIN L A 478I 2- 3 CREDITS  
 Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION  
 Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
 3970005 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

Note: TOPIC: ART, SCIENCE AND DESIGN IN WATER

LANDSCAP CONSTRUCTN L A 481 3 CREDITS  
 Prereq: L A 381  
 6222005 TR 11:00-12:30  
 MEETS: AUG 20-DEC 14

IND STDY LAND DSGIN 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

## LANDSCAPE ARCHITECTURE (CONTINUED)

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

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 ARRANGED  
MEETS: AUG 20-DEC 14

ADV PLANT TECHNOLOGY L A 522 3 CREDITS  
Prereq: JUNIOR OR GRADUATE STANDING  
9453005 T 12:40-2:00  
R 12:40-3:30  
MEETS: AUG 20-DEC 14

COLLQ II:INTDSC RES L A 545 1 CREDIT  
Prereq: L A 543 OR GRADUATE STANDING  
Satisfactory-Fail Only.  
4026005 T 2:40-3:50  
MEETS: AUG 20-DEC 14

FUND REMOTE SENSING L A 554 3 CREDITS  
2744005 MW 8:00-9:50 GELDER B  
MEETS: AUG 20-DEC 14

LSCP PARAMTRCS&CPUT L A 557 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
3529005 MW 8:30-9:50  
MEETS: AUG 20-DEC 14

LANDSCP ARCH THEORY L A 571 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR PERMISSION OF  
INSTRUCTOR  
Note: Instructor permission required 1st week.  
4803005 T 5:10-8:00PM  
MEETS: AUG 20-DEC 14

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

## LANDSCAPE ARCHITECTURE (CONTINUED)

LANDSCP TOPOGRAPHICS L A 583 3 CREDITS  
Prereq: L A 602  
8758005 MWF 10:00-11:50  
MEETS: AUG 20-DEC 14

SPL TOP LANDSC DSGN L A 590A 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY L A 590D 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN L A 590E 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSGN L A 590F 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS L A 590G 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A 590I 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL L A 590K 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BEHV L A 590M 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A 590N 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
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 3 CREDITS  
Prereq: GRADUATE STANDING  
8306005 F 9:00-11:30  
MEETS: AUG 20-DEC 14

STDO III:PERFMC SCP L A 603 6 CREDITS  
Prereq: L A 602  
8761005 M 1:10-2:50  
M 2:50-5:20  
WF 1:10-5:20  
MEETS: AUG 20-DEC 14

STDO V:LND WRKS/DGT L A 605 6 CREDITS  
Prereq: L A 604  
4030005 T 9:30-10:50  
T 11:00-1:55  
R 9:30-1:55  
MEETS: AUG 20-DEC 14

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 4 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 MTWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 4854010 2 MTWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY LATIN 490 1- 6 CREDITS  
 Prereq: 6 CR IN LATIN; PERMISSION OF DEPT 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**

LEADNG WITH PURPOSE LD ST 122 1 CREDIT  
 9525005 1 F 10:00-11:20 VANG D  
 MEETS: AUG 20-NOV 9  
 Note: SEC 1 BOLD L TM  
 9525010 2 W 3:40-5:30 SHAMBURGER K  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2 FOR STUDENTS IN THE MEN OF COLOR  
 ORGANIZATION  
 9525015 3 T 3:40-5:00 HARLE S  
 MEETS: AUG 25-NOV 10

CAMPUS LDRSHP DEVEL LD ST 270 3 CREDITS  
 Note: COURSE RESTRICTED TO FIRST YEAR FRESHMAN  
 STUDENTS ONLY  
 9524005 A T 3:10-4:30 MANNING-OUELLETT  
 R 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC A FOR FIRST-YEAR STUDENTS ENROLLED IN THE  
 PROGRAM FOR WOMEN IN SCIENCE AND ENGINEERING (WISE)  
 DESIGNATED STEM MAJORS  
 9524010 B T 3:10-4:30 MANNING-OUELLETT  
 R 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC B FOR FIRST-YEAR STUDENTS ENROLLED IN THE  
 PROGRAM FOR WOMEN IN SCIENCE AND ENGINEERING (WISE)  
 DESIGNATED STEM MAJORS  
 9524015 C T 3:10-4:30 MANNING-OUELLETT  
 R 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC C FOR FIRST-YEAR STUDENTS ENROLLED IN THE  
 PROGRAM FOR WOMEN IN SCIENCE AND ENGINEERING (WISE)  
 DESIGNATED STEM MAJORS  
 9524020 D T 3:10-4:30 MANNING-OUELLETT  
 R 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC D FOR FIRST-YEAR STUDENTS ENROLLED IN THE  
 PROGRAM FOR WOMEN IN SCIENCE AND ENGINEERING (WISE)  
 DESIGNATED STEM MAJORS  
 9524025 E T 3:10-4:30 MANNING-OUELLETT  
 R 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC E FOR FIRST-YEAR STUDENTS ENROLLED IN THE  
 PROGRAM FOR WOMEN IN SCIENCE AND ENGINEERING (WISE)  
 DESIGNATED STEM MAJORS  
 9524030 F T 3:10-4:30 MANNING-OUELLETT  
 R 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC F FOR FIRST-YEAR STUDENTS ENROLLED IN THE  
 PROGRAM FOR WOMEN IN SCIENCE AND ENGINEERING (WISE)  
 DESIGNATED STEM MAJORS  
 9524035 G M 3:10-4:30 MANNING-OUELLETT  
 W 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 9524040 J M 3:10-4:30 MANNING-OUELLETT  
 W 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 9524045 K M 3:10-4:30 MANNING-OUELLETT  
 W 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 9524050 L M 3:10-4:30 MANNING-OUELLETT  
 W 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 9524055 M M 3:10-4:30 MANNING-OUELLETT  
 W 3:10-4:30  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY LD ST 290 1- 3 CREDITS  
 Prereq: PERMISSION OF THE 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

LDRSHP DIVERSE SOCI LD ST 322 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Meets U.S. diversity reqmt  
 4949005 A TR 2:10-3:30 WIDNER T  
 MEETS: AUG 20-DEC 14  
 4949010 B TR 8:00-9:20 SNYDER-YULY J  
 MEETS: AUG 20-DEC 14  
 4949015 C TR 3:40-5:00 SNYDER-YULY J  
 MEETS: AUG 20-DEC 14  
 4949020 D M 12:10-3:00 WIDNER T  
 MEETS: AUG 20-DEC 14

**LEADERSHIP STUDIES**

(CONTINUED)

LDRSHP DIVERSE SOCI LD ST 322 3 CREDITS  
 4949600 XW ARRANGED MANNING-OUELLETT  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

SPL TOPC: LEADERSHP LD ST 370 1- 3 CREDITS  
 Note: COURSE TOPIC: LEADERSHIP & GROUP DEVELOPMENT  
 9937005 A TR 11:00-12:20 WIDNER T  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY LD ST 490 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 6 CREDITS OF 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 20-DEC 14  
 3590010 2 W 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

HABITS OF MIND LDRS L L S 212 2 CREDITS  
 Prereq: L L S 114  
 3591005 M 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

LRNG&LDR IN PRACTCE L L S 412 3 CREDITS  
 Prereq: L L S 312  
 3595005 ARRANGED  
 MEETS: AUG 20-DEC 14

**LIBERAL ARTS & SCIENCES**

ORIENTATION LAS 101 1 CREDIT  
 Satisfactory-Fail Only.  
 6241005 1 T 8:00-9:15  
 MEETS: AUG 20-OCT 26  
 6241010 2 R 8:00-9:15  
 MEETS: AUG 20-OCT 26

MATH &SCI FRONTIERS LAS 103D 1 CREDIT  
 Note: NO MORE THAN 3 TOTAL CREDITS OF LAS 103X,  
 LAS 103A, LAS 103B, LAS 103C, LAS 103D, AND LAS 103E  
 MAY BE APPLIED TOWARD GRADUATION. LAS 103D IS  
 RESTRICTED TO OPEN, P H P, P MED NEW FRESHMEN ONLY.  
 Satisfactory-Fail Only.  
 7465005 1 M 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 FOCUS - SAVE PLANET EARTH  
 7465010 2 W 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 FOCUS - HELPING PEOPLE: THE HEALTH  
 CARE CAREER SPECTRUM  
 7465015 3 W 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 FOCUS - THERE IS NO PLANET B  
 7465020 4 W 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 4 FOCUS - CREATIVE SOLUTIONS TO  
 TOMORROW'S PROBLEMS  
 7465025 5 W 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 5 FOCUS - BRINGING NUMBERS TO LIFE

BOLD LRNG CMM ORIEN LAS 105 1 CREDIT  
 Prereq: MEMBERSHIP IN THE BOLD LEARNING COMMUNITY  
 Satisfactory-Fail Only.  
 8953005 W 4:10-6:00PM  
 MEETS: AUG 20-NOV 10  
 Note: Instructor permission required.

HUMANITIE CONNECTNS LAS 125B 1 CREDIT  
 Prereq: FIRST-YEAR STUDENT  
 Satisfactory-Fail Only.  
 7473005 1 W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Note: INSTRUCTOR PERMISSION REQUIRED TO REGISTER  
 IN THIS SECTION  
 Instructor permission required.

DEANS LDRSHP SMNR I LAS 151 1 CREDIT  
 Prereq: SELECTION BASED ON APPLICATION  
 8010005 1 T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

PRE-LAW SEMINAR LAS 240 1 CREDIT  
 Satisfactory-Fail Only.  
 4763005 1 W 4:10-5:00  
 MEETS: AUG 20-DEC 14

LIBERAL ARTS & SCIENCES (CONTINUED)

LIBRARY (CONTINUED)

STEM SCHOLARS SEMNR LAS 245 1 CREDIT  
 Satisfactory-Fail Only.  
 4866005 1 M 4:10-5:00  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY LAS 290 1- 3 CREDITS  
 Prereq: PERMISSION OF LIBERAL ARTS & SCI COLLEGE  
 2654007 AS ARRANGED SLAGELL A  
 MEETS: AUG 20-DEC 14

2654008 BS ARRANGED SCHMITTMANN B  
 MEETS: AUG 20-DEC 14

2654085 JD ARRANGED DUSSELIER J  
 MEETS: AUG 20-DEC 14

2654092 JO F 11:00-11:50 OWENS J  
 MEETS: AUG 20-DEC 14

Note: SEC JO OFFERED FOR 1 CREDIT  
 2654104 WB ARRANGED BOULDEN B  
 MEETS: AUG 20-DEC 14

SPL PROJCTS ADVISNG LAS 293B 1- 3 CREDITS  
 Prereq: PERMISSION OF THE COLLEGE OF LAS  
 Note: COURSE OFFERED FOR 1 CREDIT FALL 2018  
 Instructor permission required.  
 Satisfactory-Fail Only.  
 2998005 1 ARRANGED  
 MEETS: AUG 20-NOV 10

SPECIAL PROJECTS LAS 293D 1- 3 CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 298 R CREDIT  
 Prereq: PERMISSION OF LAS CAREER SERVICES;  
 LAS MAJORS; SOPHOMORE CLASSIFICATION  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THE HOLOCAUST LAS 385 3 CREDITS  
 Note: Meets international perspectives reqmt  
 4837005 W 6:00-9:00PM  
 MEETS: AUG 20-DEC 14

INTERNSHIP/CO-OP LAS 398 R CREDIT  
 Prereq: PERMISSION OF LAS CAREER SERVICES;  
 LAS MAJORS; JUNIOR CLASSIFICATION  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH LAS 399 R CREDIT  
 4918005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: College permission required.

INDEPENDENT STUDY LAS 490A VAR. CREDITS  
 Prereq: PERMISSION OF THE LAS COLLEGE  
 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

IND STDY ENTREPRNSH LAS 490E VAR. CREDITS  
 Prereq: PERMISSION OF THE LAS COLLEGE  
 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

INTERNSHIP/CO-OP LAS 498 R CREDIT  
 Prereq: PERMISSION OF LAS CAREER SERVICES;  
 LAS MAJORS; SENIOR CLASSIFICATION  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 4543005 1 ARRANGED CROW T  
 MEETS: AUG 20-DEC 14

INTERNSHIP LAS 499 1- 4 CREDITS  
 Prereq: PERMISSION OF LAS CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**LIBRARY**

INFORMATN LITERACY LIB 160 1 CREDIT  
 Prereq: COMPLETION OF ENGL 101 REQUIRED FOR  
 STUDENTS WHOSE NATIVE LANGUAGE IS NOT ENGLISH  
 Note: TEST-OUT EXAM SCHEDULED. WED., AUG. 29,  
 THURS., AUG 30, WED., OCT 24, AND THURS., OCT 25.  
 SPECIAL LIB TEST-OUT FEE IS \$100. DETAILS AVAILABLE  
 IN 140 PARKS LIBRARY.  
 Satisfactory-Fail Only.  
 4862005 1 M 9:00-9:50, ARRANGED  
 MEETS: AUG 20-OCT 12

4862010 2 M 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-OCT 12

4862015 3 M 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-OCT 12

INFORMATN LITERACY LIB 160 1 CREDIT  
 4862020 4 M 1:10-2:00, ARRANGED  
 MEETS: AUG 20-OCT 12

4862025 5 M 2:10-3:00, ARRANGED  
 MEETS: AUG 20-OCT 12

4862030 6 T 9:00-9:50, ARRANGED  
 MEETS: AUG 20-OCT 12

4862035 7 T 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-OCT 12

4862040 8 T 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-OCT 12

4862045 9 T 1:10-2:00, ARRANGED  
 MEETS: AUG 20-OCT 12

4862050 10 T 2:10-3:00, ARRANGED  
 MEETS: AUG 20-OCT 12

4862055 11 W 9:00-9:50, ARRANGED  
 MEETS: AUG 20-OCT 12

4862060 12 W 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-OCT 12

4862065 13 W 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-OCT 12

4862070 14 W 1:10-2:00, ARRANGED  
 MEETS: AUG 20-OCT 12

4862075 15 W 2:10-3:00, ARRANGED  
 MEETS: AUG 20-OCT 12

4862080 16 R 9:00-9:50, ARRANGED  
 MEETS: AUG 20-OCT 12

4862085 17 R 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-OCT 12

4862090 18 R 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-OCT 12

4862095 19 R 1:10-2:00, ARRANGED  
 MEETS: AUG 20-OCT 12

4862100 20 R 2:10-3:00, ARRANGED  
 MEETS: AUG 20-OCT 12

4862105 21 F 9:00-9:50, ARRANGED  
 MEETS: AUG 20-OCT 12

4862110 22 F 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-OCT 12

4862115 23 F 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-OCT 12

4862120 24 F 1:10-2:00, ARRANGED  
 MEETS: AUG 20-OCT 12

4862125 25 F 2:10-3:00, ARRANGED  
 MEETS: AUG 20-OCT 12

4862130 26 M 9:00-9:50, ARRANGED  
 MEETS: OCT 15-DEC 14

4862135 27 M 10:00-10:50  
 ARRANGED  
 MEETS: OCT 15-DEC 14

4862140 28 M 11:00-11:50  
 ARRANGED  
 MEETS: OCT 15-DEC 14

4862145 29 M 1:10-2:00, ARRANGED  
 MEETS: OCT 15-DEC 14

4862150 30 M 2:10-3:00, ARRANGED  
 MEETS: OCT 15-DEC 14

4862155 31 T 9:00-9:50, ARRANGED  
 MEETS: OCT 15-DEC 14

4862160 32 T 10:00-10:50  
 ARRANGED  
 MEETS: OCT 15-DEC 14

4862165 33 T 11:00-11:50  
 ARRANGED  
 MEETS: OCT 15-DEC 14

4862170 34 T 1:10-2:00, ARRANGED  
 MEETS: OCT 15-DEC 14

4862175 35 T 2:10-3:00, ARRANGED  
 MEETS: OCT 15-DEC 14

4862180 36 W 9:00-9:50, ARRANGED  
 MEETS: OCT 15-DEC 14

4862185 37 W 10:00-10:50  
 ARRANGED  
 MEETS: OCT 15-DEC 14

4862190 38 W 11:00-11:50  
 ARRANGED  
 MEETS: OCT 15-DEC 14

4862195 39 W 1:10-2:00, ARRANGED  
 MEETS: OCT 15-DEC 14

4862200 40 W 2:10-3:00, ARRANGED  
 MEETS: OCT 15-DEC 14

4862205 41 R 9:00-9:50, ARRANGED  
 MEETS: OCT 15-DEC 14

4862210 42 R 10:00-10:50  
 ARRANGED  
 MEETS: OCT 15-DEC 14

4862215 43 R 11:00-11:50  
 ARRANGED  
 MEETS: OCT 15-DEC 14

4862220 44 R 1:10-2:00, ARRANGED  
 MEETS: OCT 15-DEC 14

4862225 45 R 2:10-3:00, ARRANGED  
 MEETS: OCT 15-DEC 14

4862230 46 F 9:00-9:50, ARRANGED  
 MEETS: OCT 15-DEC 14

4862235 47 F 10:00-10:50  
 ARRANGED  
 MEETS: OCT 15-DEC 14

## LIBRARY (CONTINUED)

INFORMATN LITERACY LIB 160 1 CREDIT  
 4862240 48 F 11:00-11:50  
 ARRANGED  
 MEETS: OCT 15-DEC 14  
 4862245 49 F 1:10-2:00, ARRANGED  
 MEETS: OCT 15-DEC 14  
 4862250 50 ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 50 FOR HONORS PROGRAM STUDENTS  
 ENTERING ISU SUMMER 2018 OR FALL 2018  
 4862255 51 F 2:10-3:00, ARRANGED  
 MEETS: OCT 15-DEC 14

## LINGUISTICS

INTRO WORLD LANGUAG LING 119 3 CREDITS  
 Note: Meets international perspectives reqmt  
 6257005 1 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SECT 1 RESTRICTED TO LING MAJORS ONLY  
 6257010 2 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

COMPUTERS & LANGUAGE LING 120 3 CREDITS  
 6187005 A MF 2:10-3:00  
 W 2:10-3:00  
 MEETS: AUG 20-DEC 14

INTR SYMBOLIC LOGIC LING 207 3 CREDITS  
 8592005 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 DOSANJH R

INTRO LINGUISTICS LING 219 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES, JUNIORS,  
 AND SENIORS ONLY  
 8593005 A MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 8593010 B MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC B RESTRICTED TO ENGL, LING SOPHOMORES,  
 JUNIORS AND SENIORS ONLY  
 8593015 C TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 8593020 D TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

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 A1 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 8594010 A2 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 8594015 B1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 8594020 B2 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 8594025 C1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 8594030 C2 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 8594600 XW ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

LANGUAG, THOUGHT & ACT LING 305 3 CREDITS  
 Prereq: ENGL 250  
 Note: Instructor permission required 1st week.  
 6411005 A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

INTRO CULTUR & LANGUA LING 309 3 CREDITS  
 Prereq: ANTHR 201 RECOMMENDED  
 Note: Meets international perspectives reqmt  
 8599600 XW ARRANGED VIATORI M  
 MEETS: OCT 15-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

INTRO ESL MTHDS & MAT LING 318X 3 CREDITS  
 Prereq: ENGL 219 OR LING 219  
 8996005 A T 6:10-7:30PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14

STU LANGUAG & DIVRSTY LING 319X 3 CREDITS  
 Prereq: ENGL 250  
 Note: Meets U.S. diversity reqmt  
 9053005 A TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

## LINGUISTICS (CONTINUED)

INTR TCHG ESL LTRCY LING 324 3 CREDITS  
 3159005 A TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

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  
 8601005 1 MWF 9:00-9:50  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 8601010 2 MWF 9:00-9:50  
 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 8601015 3 MWF 9:00-9:50  
 R 3:10-4:00  
 MEETS: AUG 20-DEC 14

INTR SPAN/ENG TRNSL LING 351 3 CREDITS  
 Prereq: SPAN 301, SPAN 303 OR SPAN 304  
 Note: Meets international perspectives reqmt  
 4036600 XW ARRANGED WALDEMER T  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

INTR SPANSH PHONOLG LING 352 3 CREDITS  
 Prereq: SPAN 301, SPAN 303, OR SPAN 304  
 Note: Meets international perspectives reqmt  
 3492005 1 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

HIST OF ENGLISH LANG LING 420 3 CREDITS  
 Prereq: ENGL 219, ENGL 220  
 Note: NOT OPEN TO FRESHMEN OR SOPHOMORES  
 8605005 A MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

2ND LANG LRNG & TCHNG LING 425 3 CREDITS  
 Prereq: ENGL 219, JUNIOR CLASSIFICATION  
 9594005 A MW 4:10-5:30  
 MEETS: AUG 20-DEC 14

GRAMMATICAL ANALYSI LING 437 3 CREDITS  
 Prereq: ENGL 220; JR CLASSIFICATION  
 Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES  
 8604005 A TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

21ST CNTURY SPANISH LING 463 3 CREDITS  
 Prereq: SPAN 352  
 Note: Meets international perspectives reqmt  
 4600005 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

IND STU LINGUISTICS LING 490B VAR. CREDITS  
 Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE  
 TO THE TOPIC, JR CLASSIFICATION, PERMISSION OF THE  
 UNDERGRADUATE STUDIES COMMITTEE  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY LING ANTHR LING 490D 1- 5 CREDITS  
 Prereq: 9 CREDITS IN ANTHROPOLOGY  
 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

INTR CPRS & APPL LING LING 510 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND  
 LINGUISTICS MAJORS  
 6450005 A MW 2:10-3:30  
 MEETS: AUG 20-DEC 14

INTR LINGUIST ANALY LING 511 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND  
 LINGUISTICS MAJORS  
 8616005 A TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

LANGU ASSESS PRACTM LING 513 3 CREDITS  
 Prereq: ENGL 519  
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
 9060005 A ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

COMPUTNL ANALY ENGL LING 520 3 CREDITS  
 Prereq: ENGL 510 AND ENGL 511  
 6500005 A TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

LITRACY:NONNATV SPK LING 524 3 CREDITS  
 Prereq: ENGL 511 OR INTRODUCTORY COURSE IN LING  
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND  
 LINGUISTICS MAJORS  
 4475005 A TR 2:10-3:30  
 MEETS: AUG 20-DEC 14



LINGUISTICS

(CONTINUED)

TECNOL & ORAL LANGUA LING 530 3 CREDITS  
 Prereq: ENGL 219 OR ENGL 511 OR EQUIVALENT  
 4085005 A M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14

PRA TCH ENG 2ND LNG LING 588 3 CREDITS  
 Prereq: 9 CREDITS TOWARD THE TESL CERTIFICATE;  
 15 CREDITS TOWARD THE TESL/APPLIED LING MASTER'S  
 DEGREE; OR COMPLETION OF ALL OTHER REQUIREMENTS  
 FOR K-12 ESL TEACHER ENDORSEMENT.  
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND  
 LINGUISTICS MAJORS  
 6550005 A ARRANGED  
 MEETS: AUG 20-DEC 14

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

SMNR APPLD LINGUIST LING 630 3 CREDITS  
 Prereq: ENGL 510, ENGL 511  
 Note: COURSE RESTRICTED TO ENGL, TCOMM GRAD STUDENTS  
 6567005 A W 5:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC A TOPIC: CORPUS LINGUISTICS & LANGUAGE  
 TEACHING  
 6567010 B TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC B TOPIC: VALIDATION OF LANGUAGE ASSESSMENTS

PRACTCM TEC & LINGUI LING 688 3 CREDITS  
 Prereq: ENGL 510, ENGL 626, OR EQUIVALENT; AT  
 LEAST SECOND YR PH.D. STUDENT IN APPLIED LING &  
 TECHNOLOGY  
 6574005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

MANAGEMENT

ENTREPRENRSH&INNOV MGMT 310 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: SEC A1,B1,ETC. RESTRICTED TO ACCT, BUS U, BUSEC,  
 FIN, MGMT, MIS, MKT, SCM SOPH, JUNIORS AND SENIORS.  
 SECTIONS A2,B2,ETC. FOR SOPHOMORES, JUNIORS, SENIORS,  
 AND SPECIALS IN COLLEGES OTHER THAN BUSINESS.

5318005 A1 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

5318010 A2 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

5318015 B1 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14

5318020 B2 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14

5318025 C1 W 6:40-9:25PM  
 MEETS: AUG 20-DEC 14

5318030 C2 W 6:40-9:25PM  
 MEETS: AUG 20-DEC 14

5318035 D1 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

5318040 D2 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

5318045 E1 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

5318050 E2 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

5318055 F1 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

5318060 F2 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

FEASIB ANLY&BUS PLN MGMT 313 3 CREDITS  
 Prereq: MGMT 310  
 6779005 A1 T 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,  
 ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY

6779010 A2 T 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO COLLEGES OTHER  
 THAN BUSINESS

6779015 B1 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC B1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,  
 ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY

6779020 B2 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC B2 RESTRICTED TO COLLEGES OTHER  
 THAN BUSINESS

MANAGEMENT

(CONTINUED)

CORPORATE ENTREPREN MGMT 320X 3 CREDITS  
 Prereq: MGMT 310  
 8543005 A1 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO UNDERGRAD BUSINESS  
 STUDENTS OTHER THAN P BUS

8543010 A2 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 FOR UNDERGRADS OTHER THAN  
 BUSINESS COLLEGE.

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS  
 Prereq: ECON 101 OR ECON 102  
 Note: COURSE NOT OPEN TO P BUS

5282005 A TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC A RESTRICTED TO ACCT, AG B, AG SO, AN S, AST,  
 BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, FS A, HORT,  
 I BUS, I TEC, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

5282010 B MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC B RESTRICTED TO ACCT, AG B, AG SO, AN S, AST,  
 BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, FS A, HORT,  
 I BUS, I TEC, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

5282015 C MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC C RESTRICTED TO ACCT, AG B, AG SO, AN S, AST,  
 BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, FS A, HORT,  
 I BUS, I TEC, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

5282020 D MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC D RESTRICTED TO ACCT, AG B, AG SO, AN S, AST,  
 BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, FS A, HORT,  
 I BUS, I TEC, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

5282025 E TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 Note: SEC E RESTRICTED TO ACCT, AG B, AG SO, AN S, AST,  
 BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, FS A, HORT,  
 I BUS, I TEC, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

5282030 F M 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC F RESTRICTED TO ACCT, AG B, AG SO, AN S, AST,  
 BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, FS A, HORT,  
 I BUS, I TEC, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

5282035 G M 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC G RESTRICTED TO MAJORS OTHER THAN ACCT, AG B,  
 AN S, AST, BUS S, BUS U, BUSEC, DY S, FIN, FS A,  
 FSHNA, FSHNH, HORT, I BUS, I TEC, MGMT, MIS, MKT,  
 P BUS, SCIS, SCM MAJORS ONLY

5282040 J MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC J RESTRICTED TO ACCT, AG B, AG SO, AN S, AST,  
 BUS S, BUS U, BUSEC, DY S, FIN, FS A, HORT, I BUS,  
 I TEC, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

5282045 K MW 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC K RESTRICTED TO ACCT, AG B, AG SO, AN S, AST,  
 BUS S, BUS U, BUSEC, DY S, FIN, FS A, HORT, I BUS,  
 I TEC, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

5282050 L TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC L RESTRICTED TO MAJORS OTHER THAN ACCT, AG B,  
 AN S, AST, BUS S, BUS U, BUSEC, DY S, FIN, FS A,  
 FSHNA, FSHNH, HORT, I BUS, I TEC, MGMT, MIS, MKT,  
 P BUS, SCIS, SCM MAJORS ONLY

5282055 M TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 Note: SEC M RESTRICTED TO ACCT, AG B, AG SO, AN S, AST,  
 BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, FS A, HORT,  
 I BUS, I TEC, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

5282060 N TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 Note: SEC N RESTRICTED TO ACCT, AG B, AG SO, AN S, AST,  
 BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, FS A, HORT,  
 I BUS, I TEC, MGMT, MIS, MKT, SCM UNDERGRADS ONLY

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: SEC A1,B1,ETC RESTRICTED TO ACCT, BUS S, BUS U,  
 BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRADS.  
 SEC A2,B2,ETC FOR COLLEGES OTHER THAN BUSINESS.  
 GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD

5283005 A1 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

5283010 A2 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

5283015 B1 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

5283020 B2 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

5283025 C1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

5283030 C2 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

5283035 D1 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

5283040 D2 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

MANAGEMENT (CONTINUED)

RESPONSBL MGT BSNS MGMT 372 3 CREDITS  
 Prereq: PHIL 230  
 Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS ONLY. NOT OPEN TO P BUS.  
 7048005 A TR 7:10-3:25  
 MEETS: AUG 20-DEC 14  
 7048010 B TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 7048015 C TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 7048020 D T 6:40-9:25PM  
 MEETS: AUG 20-DEC 14

SOCIAL ENTREPRNRSH MGMT 410 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: NOT OPEN TO P BUS. GRAD STUDENTS MUST GET PERMISSION FROM 1200 GERDIN TO ADD.  
 7200005 A1 M 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO MGMT MAJORS ONLY  
 7200010 A2 M 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN MGMT, P BUS

INTERNATIONAL MGMT MGMT 414 3 CREDITS  
 Prereq: MGMT 370 OR MGMT 371  
 Note: SEC A1,B1 RESTRICTED TO MGMT, AG B, I BUS, I TEC MAJORS ONLY. SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSEC, ENTP, FIN, MIS, MKT, SCM MAJORS ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 5285015 A1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5285020 A2 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5285025 B1 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 5285030 B2 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

PERS&HUM RESOUR MGT MGMT 471 3 CREDITS  
 Prereq: JUNIOR STANDING  
 Note: SEC A1,B1 RESTRICTED TO ACCT, BUS U, BUSEC, ENTP, FIN, MGMT, MIS, MKT, SCM JRS & SRS AND BUS S. SEC A2,B2 RESTRICTED TO JRS, SRS & SPECIAL STUDENTS IN COLLEGES OTHER THAN BUSINESS.  
 5293005 A1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5293010 A2 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5293015 B1 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 5293020 B2 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14

MANAGE OF DIVERSITY MGMT 472 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD  
 Meets U.S. diversity reqmt  
 4444015 A1 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO ACCT, BUS U, BUSEC, FIN, MGMT, MIS, MKT, SCM JRS & SRS & BUS S MAJORS  
 4444020 A2 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO JUNIORS AND SENIORS IN COLLEGES OTHER THAN BUSINESS

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS  
 Prereq: ACCT 285; FIN 301; MGMT 370 OR MGMT 371; MKT 340; SCM 301; GRADUATING SENIOR  
 Note: COURSE RESTRICTED TO SENIORS GRADUATING FALL 2017 FROM THE COLLEGE OF BUSINESS  
 5294005 A MW 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 5294010 B TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 5294025 C TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 5294040 D TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 5294050 E MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5294060 F TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 5294065 G MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5294070 J MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5294075 K W 6:40-9:25PM  
 MEETS: AUG 20-DEC 14

MANAGEMENT (CONTINUED)

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 A MW 7:30-10:50 SUMMERS J  
 ARRANGED  
 MEETS: AUG 27-OCT 3

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 A TR 7:30-10:50 SHRADER B  
 MEETS: AUG 28-OCT 4

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 A TR 7:30-10:50 DEMARIE S  
 MEETS: OCT 9-NOV 15

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

**MANAGEMENT INFORMATION SYSTEMS**

FUND CPTR PROGRAMNG MIS 207 3 CREDITS  
 Prereq: MATH 150 OR PLACEMENT INTO MATH 140/MATH 141/MATH 142/MATH 145X OR HIGHER  
 Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.  
 6633005 1 MWF 10:00-10:50 NGWENYA J  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 6633010 2 MWF 9:00-9:50 NGWENYA J  
 MEETS: AUG 20-DEC 14  
 6633015 3 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

MGMT INFO SYSTEMS MIS 301 3 CREDITS  
 Prereq: COM S 113 OR BUSAD 150  
 Note: SEC A1,B1,ETC. RESTRICTED TO ACCT, AG B, BUS S, AST, BUS U, BUSEC, FIN, I TEC, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS.  
 SEC A2,B2,ETC. RESTRICTED TO UNDERGRAD IMAJORS OTHER THAN ACCT, AG B, AST. BUS S, BUS U, BUSAD, BUSED, FIN, I BUS, I TEC, MGMT, MIS, MKT, P BUS, SCM.  
 4394005 A1 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 4394010 A2 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 4394015 B1 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 4394020 B2 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 4394025 C1 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 4394030 C2 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 4394035 D1 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 4394040 D2 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 4394045 E1 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 4394050 E2 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 4394055 F1 W 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 4394060 F2 W 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 4394065 G1 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 4394070 G2 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 4394075 J1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 4394080 J2 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 4394085 K1 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 4394090 K2 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 4394095 L1 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 4394100 L2 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 4394105 M1 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 4394110 M2 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

MGMT INFO SYSTEMS MIS 301 3 CREDITS  
 4394115 N1 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 4394120 N2 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 4394125 P1 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 4394130 P2 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 4394135 Q1 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 4394140 Q2 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

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 ONLY.  
 SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSEC, ENTSP,  
 FIN, MGMT, MKT, SCM UNDERGRAD MAJORS ONLY.  
 9608005 A1 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 9608015 A2 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 9608010 B1 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 9608020 B2 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 9608025 C1 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 9608030 C2 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

INFO SYST ANALYSIS MIS 310 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MIS 301  
 Note: SEC A1,B1,C1 RESTRICTED TO MIS MAJORS ONLY.  
 SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSEC, ENTSP,  
 FIN, MGMT, MKT, SCM UNDERGRAD MAJORS ONLY.  
 5290005 A1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5290010 A2 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5290015 B1 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 5290020 B2 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 5290025 C1 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 5290030 C2 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14

BSNSS DATA STRM&ISS MIS 315X 3 CREDITS  
 Prereq: COM S 113  
 Note: COURSE RESTRICTED TO ACCT, BUS U, BUSEC, ENTSP  
 FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY.  
 8221005 A T 6:40-9:25PM  
 MEETS: AUG 20-DEC 14

DATABASE MGT SYSTMS MIS 320 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MIS 301  
 Note: SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY.  
 SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN,  
 MGMT, MKT, SCM UNDERGRAD MAJORS ONLY.  
 5289005 A1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5289010 A2 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5289015 B1 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 5289020 B2 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14

PROJECT MANAGEMENT MIS 340 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MIS 301  
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT, BUS U, BUSEC,  
 ENTSP,FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY.  
 SEC A2,B2,C2 RESTRICTED TO UNDERGRADS OTHER THAN  
 BUSINESS.  
 4561005 A1 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 4561010 A2 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 4561015 B1 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 4561020 B2 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 4561025 C1 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 4561030 C2 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 4561040 D1 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 4561045 D2 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

SPRDSH-BS MKT ANLYT MIS 368 3 CREDITS  
 Prereq: MKT 340  
 7186005 A TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 Note: COURSE RESTRICTED TO UNDERGRADUATE  
 BUSINESS STUDENTS ONLY. NOT OPEN TO P BUS.

ADV BSNESS PROGRAMNG MIS 407 3 CREDITS  
 Prereq: MIS 307  
 1775005 A1 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY  
 1775010 A2 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U,  
 BUSEC, ENTSP, FIN, MGMT, MKT, SCM UNDERGRAD  
 MAJORS ONLY

INFO SYS INFRASTRUC MIS 435 3 CREDITS  
 Prereq: MIS 301  
 Note: GRADUATE STUDENTS GO TO 1200 GERDIN FOR  
 PERMISSION TO ADD  
 SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY  
 SEC A2,B2 RESTRICTED TO ACCT, BUS S, BUS U,  
 BUSEC, ENTSP, FIN, MGMT, MKT, SCM UNDERGRAD  
 MAJORS ONLY  
 6396005 A1 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 6396015 A2 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 6396020 B1 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 6396025 B2 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

INTRO BSNSS ANLYTCS MIS 436 3 CREDITS  
 Prereq: MIS 320  
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.  
 SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,  
 ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRADS ONLY.  
 GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION  
 TO ADD.  
 8713005 A1 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 8713010 A2 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

SUPLY CHAIN INFO SY MIS 440 3 CREDITS  
 Prereq: MIS 301, SCM 301  
 6850005 A1 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY  
 6850010 A2 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC,  
 ENTSP, FIN, MGMT, MKT UNDERGRAD MAJORS ONLY

ENTERPRISE SYS&ARCH MIS 445 3 CREDITS  
 Prereq: MIS 301  
 Note: COURSE RESTRICTED TO UNDERGRAD BUSINES MAJORS  
 ONLY  
 7696005 A TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 7696010 B TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14

ADV BUSINSS ANALYTC MIS 446 3 CREDITS  
 Prereq: MIS 301 AND MIS 320  
 9113005 A1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY  
 9113010 A2 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U,  
 BUSEC, ENTSP, FIN, MGMT, MKT MAJORS ONLY

ERP SYS&SUPLY CHAIN MIS 450 3 CREDITS  
 Prereq: SCM 301, MIS 330 OR I E 148, I E 341  
 Note: GRADUATE STUDENTS GO TO 1200 GERDIN FOR  
 PERMISSION TO ADD  
 6653005 A MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY MIS 490 1- 3 CREDITS  
 Prereq: MIS 301, SENIOR CLASSIFICATION,  
 PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CASE PRACTICUM MIS 495 3 CREDITS  
 Prereq: MIS 301  
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY  
 7819005 A T 5:10-6:25PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

MARKETING (CONTINUED)

MANAGEMENT INFO SYSTM MIS 501 3 CREDITS  
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION  
 Note: COURSE RESTRICTED TO ACCT, FIN, SCIS GRADUATE MAJORS ONLY  
 Department permission required 1st week.  
 9126005 A W 6:40-10:00PM  
 MEETS: AUG 29-NOV 14

ADV BUS SOFTWARE DEV MIS 532 3 CREDITS  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 5078005 A W 6:40-10:00PM  
 MEETS: AUG 30-NOV 15

FOUND BSNSS ANALYTCS MIS 536 3 CREDITS  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 4234005 A R 6:40-10:00PM  
 MEETS: AUG 30-NOV 15

PROJECT MANAGEMENT MIS 537 3 CREDITS  
 Prereq: MIS 501  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 2187005 A T 6:40-10:00PM  
 MEETS: AUG 28-NOV 13

BUS PROCESS SYSTEMS MIS 538 3 CREDITS  
 Prereq: MIS 501  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 2259005 A M 6:40-10:05PM  
 MEETS: AUG 27-NOV 12

TOPICS MGT INFO SYS MIS 539 3 CREDITS  
 Prereq: MIS 501  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 7953005 A M 6:40-10:05PM  
 MEETS: AUG 27-NOV 12  
 Note: SEC A TOPIC: CYBERSECURITY ANALYTICS

BSNSS ANALYT CAPSTNE MIS 556X 3 CREDITS  
 Prereq: MIS 547 OR DEPARTMENTAL PERMISSIONS  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS Satisfactory-Fail Only.  
 8470005 A W 6:40-9:25PM  
 MEETS: AUG 20-DEC 14

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

RES SEMINAR IN MIS MIS 598 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 8081005 A M 2:10-5:35  
 MEETS: AUG 27-NOV 11

CREATIVE COMPONENT MIS 599 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF SUPERVISORY COMMITTEE CHAIR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CURRNT ISS IS RSRCH MIS 602 3 CREDITS  
 Prereq: MIS 501 OR EQUIVALENT, ENROLLMENT IN PHD PROGRAM  
 Note: MUST BE A BUSINESS PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION  
 RESTRICTED TO BUSAD GRADS ONLY  
 7516005 A M 8:00-10:50  
 MEETS: AUG 20-DEC 14

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

**MARKETING**

PRIN OF MARKETING MKT 340 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN ECON 101  
 Note: SEC A-K,M,N,P,R ARE RESTRICTED TO ACCT, AG B, AG SO, AN S, AST, BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, FS A, HORT, I TEC, MGMT, MIS, MKT, P S A, SCM UNDERGRADS. SEC N FOR OTHER MAJORS. NOT OPEN TO P BUS GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD  
 5352005 A TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 5352010 B MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5352015 C TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

PRIN OF MARKETING MKT 340 3 CREDITS  
 5352020 D TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 5352025 E TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5352030 F MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5352035 G MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5352040 J TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 5352045 K T 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 5352050 L T 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 5352055 M M 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 5352060 N TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 5352065 P TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 5352070 Q TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC Q FOR MAJORS OTHER THAN ACCT, AG B, AG SO, AN S, AST, BUS S, BUS U, BUSAD, BUSEC, DY S, ENTSP, FIN, FS A, HORT, I TEC, MGMT, MIS, MKT, P BUS, P S A, SCIS, SCM

FOUND PERSNL SELLNG MKT 342X 3 CREDITS  
 Prereq: MKT 340  
 Note: COURSE RESTRICTED TO ACCT, BUS U, BUSEC, BUS S, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRADS  
 8574005 A TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

PERSONAL SALES MKT 343 3 CREDITS  
 Prereq: MKT 340  
 Note: SEC A1,B1,ETC. RESTRICTED TO COLLEGE OF BUSINESS UNDERGRADS ONLY. SEC A2,B2,ETC. FOR ALL OTHER COLLEGES UNDERGRADS.  
 5354005 A1 MW 9:00-9:50, ARRANGED  
 MEETS: AUG 20-DEC 14  
 5354010 A2 MW 9:00-9:50, ARRANGED  
 MEETS: AUG 20-DEC 14  
 5354015 B1 MW 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 5354020 B2 MW 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 5354025 C1 MW 1:10-2:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 5354030 C2 MW 1:10-2:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 5354035 D1 W 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 5354040 D2 W 6:40-9:25PM  
 MEETS: AUG 20-DEC 14

SERVICES MARKETING MKT 351 3 CREDITS  
 Prereq: MKT 340  
 Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS ONLY. NOT OPEN TO P BUS.  
 7059005 A TR 12:40-1:55  
 MEETS: AUG 20-DEC 14

SOC MDIA MKT STRATG MKT 361X 3 CREDITS  
 Prereq: MKT 340  
 Note: COURSE RESTRICTED TO ACCT, BUS U, BUSEC, BUS S, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRADS  
 8472005 A MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

SPRDSH-BS MKT ANALYT MKT 368 3 CREDITS  
 Prereq: MKT 340  
 Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS ONLY. NOT OPEN TO P BUS.  
 7151005 A TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

PROMOTIONAL STRATEG MKT 410 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MKT 447  
 Note: SEC A1,B1 RESTRICTED TO MKT MAJORS ONLY. SEC A2,B2 FOR ALL OTHER MAJORS. COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 5355005 A1 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 5355010 A2 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 5355015 B1 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 5355020 B2 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14

MARKETING (CONTINUED)

MARKETING (CONTINUED)

SALES MANAGEMENT MKT 442 3 CREDITS  
 Prereq: MKT 340  
 Note: COURSE RESTRICTED TO MKT MAJORS ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 5357005 A TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 5357010 B TR 3:40-4:55  
 MEETS: AUG 20-DEC 14

STRATEGC MRKTNG MGT MKT 443 3 CREDITS  
 Prereq: MKT 444, MKT 447  
 Note: COURSE RESTRICTED TO MKT SENIORS  
 5358005 A TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5358010 B TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 5358015 C MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

MARKTG RSEARCH TCNQ MKT 444 3 CREDITS  
 Prereq: MKT 340, STAT 226  
 Note: COURSE RESTRICTED TO MKT MAJORS ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 5359005 A TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 5359010 B TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 5359015 C MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5359020 D M 5:10-6:25PM  
 MEETS: AUG 20-DEC 14

CUSTOMER RELATN MGT MKT 445 3 CREDITS  
 Prereq: MKT 340  
 Note: SEC A1,B1 RESTRICTED TO MKT MAJORS ONLY. SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN MKT, P BUS.  
 9068005 A1 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 9068010 A2 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 9068015 B1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 9068020 B2 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

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 ONLY. SEC A2,B2,C2 FOR OTHER MAJORS. NOT OPEN TO P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 5362005 A1 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 5362010 A2 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 5362015 B1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5362020 B2 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5362025 C1 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 5362030 C2 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14

GLOBAL MARKETING MKT 448 3 CREDITS  
 Prereq: MKT 340  
 Note: COURSE RESTRICTED TO MKT, I BUS MAJORS ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 9609005 A MW 5:10-6:25PM  
 MEETS: AUG 20-DEC 14

MARKETING CHANNELS MKT 451 3 CREDITS  
 Prereq: MKT 340  
 Note: COURSE NOT OPEN TO P BUS MAJORS  
 5823005 A1 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO MKT MAJORS ONLY  
 5823010 A2 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS AND BUS S

BRAND MANAGEMENT MKT 453 3 CREDITS  
 Prereq: MKT 447  
 Note: SEC A1,B1 RESTRICTED TO MKT MAJORS ONLY. SEC A2,B2 RESTRICTED TO BUSINESS MAJORS OTHER THAN MKT, P BUS.  
 5127005 A1 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 5127010 A2 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 5127015 B1 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14  
 5127020 B2 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

PROBLEM SOLV MRKTNG MKT 468X 3 CREDITS  
 Prereq: MKT 340  
 Note: COURSE RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS ONLY. NOT OPEN TO P BUS  
 9106005 A TR 3:40-4:55  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY MKT 490 1- 3 CREDITS  
 Prereq: MKT 340, SENIOR CLASSIFICATION; PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CONSUMER BEHAVIOR MKT 547 3 CREDITS  
 Prereq: MKT 501  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 7170005 A T 6:40-10:00PM  
 MEETS: AUG 28-NOV 13

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

ISS INTER-ORG RELAT MKT 604 3 CREDITS  
 Prereq: MGMT 602  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 7640005 A T 9:00-11:50  
 MEETS: AUG 20-DEC 14

**MATERIALS ENGINEERING**

LRNG CMUNTY SEMINAR MAT E 101 R CREDIT  
 Prereq: ENROLLMENT IN MATERIALS SCIENCE AND ENGINEERING LEARNING COMMUNITY  
 Satisfactory-Fail Only.  
 7650005 A T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 7650010 B T 3:10-4:00  
 MEETS: AUG 20-DEC 14

STRUCTRL CHARAC MAT MAT E 214 3 CREDITS  
 Prereq: MAT E 215, PHYS 221  
 6333005 A MW 12:10-1:00  
 R 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 6333010 B MW 12:10-1:00  
 T 9:00-10:50  
 MEETS: AUG 20-DEC 14

INTRO MTRLS SCI&E I MAT E 215 3 CREDITS  
 Prereq: MATH 165; CHEM 177 OR CHEM 167  
 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 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

INTRO MAT S&E LAB I MAT E 215L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN MAT E 215 OR MAT E 272 OR MAT E 392; MAJOR IN MATERIALS ENGINEERING  
 Note: RESTRICTED TO MAT E MAJORS ONLY  
 7496005 A M 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 7496010 B T 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 7496015 C W 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 7496020 D R 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 7496025 E F 3:10-5:00  
 MEETS: AUG 20-DEC 14

INTRO MATRLS SCI II MAT E 216 3 CREDITS  
 Prereq: MAT E 215, CREDIT OR ENROLLMENT IN CHEM 178, CREDIT OR ENROLLMENT IN PHYS 222  
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY  
 7497005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

INTRO M S E II LAB MAT E 216L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN MAT E 216  
 2904005 1 R 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 2904010 2 T 1:10-3:00  
 MEETS: AUG 20-DEC 14

GLOBAL SUSTAINABLT MAT 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  
 9059600 XW ARRANGED HALLAM A  
 MEETS: SEPT 3-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

## MATERIALS ENGINEERING

(CONTINUED)

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](http://www.registrar.iastate.edu/students/exams/night-exams).

3814005 A1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

3814010 A2 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

3814015 A3 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

3814020 B1 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

3814025 B2 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

3814030 B3 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

MATRLS E PRO PLANNG MAT E 301 R CREDIT  
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN MAT E  
Satisfactory-Fail Only.

3493005 T 2:10-3:00  
MEETS: AUG 20-DEC 14

THERMODYNM IN MAT E MAT E 311 3 CREDITS  
Prereq: CHEM 178, CREDIT OR ENROLLMENT IN  
MAT E 216, CREDIT OR ENROLLMENT IN PHYS 222,  
CREDIT OR ENROLLMENT IN MATH 267

6316005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

KINETC&PHASE EQ MAT MAT E 314 3 CREDITS  
Prereq: MAT E 216, MAT E 311

6575005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

INTR ELEC PROP MATL MAT E 317 3 CREDITS  
Prereq: MAT E 216, PHYS 222, MAJOR IN MATERIALS  
ENGINEERING  
Note: COURSE RESTRICTED TO MAT E MAJORS ONLY

7500005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

INTRO CERAMIC SCIEN MAT E 321 3 CREDITS  
Prereq: MAT E 216

6591005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

SEMICND MTRLS&DEVIC MAT E 332 3 CREDITS  
Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E  
MAJORS: MAT E 334; ADDITIONAL PREREQ FOR E E AND  
CPR E MAJORS: E E 230

6597005 A TR 12:40-2:00  
MEETS: AUG 20-DEC 14

METALS PROCESSING MAT E 341 3 CREDITS  
Prereq: MAT E 215 OR MAT E 273 OR MAT E 392

2910005 MWF 3:10-4:00  
ARRANGED  
MEETS: AUG 20-DEC 14

INTR POLYMER MATRLS MAT E 351 3 CREDITS  
Prereq: MAT E 216, CHEM 331, CREDIT OR  
ENROLLMENT IN MAT E 311  
Note: COURSE RESTRICTED TO MAT E MAJORS ONLY

6615005 TR 3:40-5:00  
MEETS: AUG 20-DEC 14

PRIN NONDESTRC TEST MAT E 362 3 CREDITS  
Prereq: PHYS 112 OR PHYS 222

5045005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

NONDESTRUC TEST LAB MAT E 362L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN MAT E 362

5046005 1 T 2:10-5:00  
MEETS: AUG 20-DEC 14

5046010 2 R 2:10-5:00  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUC MAT E 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRO PRACTICE I MAT E 413 3 CREDITS  
Prereq: SENIOR CLASSIFICATION IN MAT E

6628005 A MW 2:10-3:00  
F 2:10-3:00, ARRANGED  
MEETS: AUG 20-DEC 14

## MATERIALS ENGINEERING

(CONTINUED)

PRO PRACTICE II MAT E 414 3 CREDITS  
Prereq: MAT E 413

6650005 A MW 2:10-3:00  
F 2:10-3:00, ARRANGED  
MEETS: AUG 20-DEC 14

MECHANCL BEHAVR MAT MAT E 418 3 CREDITS  
Prereq: MAT E 216

6585005 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

MAGNETSM&MGN MATRLS MAT E 419 3 CREDITS  
9799005 TR 3:40-5:00  
MEETS: AUG 20-DEC 14

GLASS SCI&ENGINEERG MAT E 425 3 CREDITS  
Prereq: MAT E 321

7501005 1 TR 9:30-10:20  
R 12:10-3:00  
MEETS: AUG 20-DEC 14

MICROELEC FABRICATN MAT E 432 4 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN E E 332

6677005 MW 12:10-1:00  
ARRANGED  
MEETS: AUG 20-DEC 14

PHYS MET FERR ALLOY MAT E 443 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MAT E 314

1172005 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

CORROSN&FAILUR ANLY MAT E 444 3 CREDITS  
Prereq: MAT E 215 OR MAT E 273 OR MAT E 392;  
CREDIT OR ENROLLMENT IN MAT E 418 OR E M 324

6680600 XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Section XE is off campus  
Course delivery is WWW

PHY&MC PROPRT POLYM MAT E 453 3 CREDITS  
Prereq: MAT E 351  
Note: COURSE RESTRICTED TO MAT E MAJORS ONLY

6681005 A TR 11:00-11:50  
T 3:10-6:00PM  
MEETS: AUG 20-DEC 14

6681010 B TR 12:40-1:30  
R 3:10-6:00PM  
MEETS: AUG 20-DEC 14

BIOMATERIALS MAT E 456 3 CREDITS  
Prereq: CHEM 178; MAT E 216 OR MAT E 272  
OR MAT E 392

8768005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

MULTIDISC ENGR DSGN MAT E 466 3 CREDITS  
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS  
OF GRADUATION, PERMISSION OF INSTRUCTOR

1740005 1 MWF 3:10-5:00  
MEETS: AUG 20-DEC 14

COMPTL MODLG MATRLS MAT E 481 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 20-DEC 14

EDDY CURRENT NDE MAT E 488 3 CREDITS  
Prereq: MAT E 216 OR MAT E 273 OR E E 311 OR  
PHYS 364

5821005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY MAT E 490C 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

INDEP STDY:RESEARCH MAT E 490R VAR. CREDITS  
Prereq: PERMISSION OF DEPARTMENT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MATERIALS SCIENCE & ENGINEERING**

FUND STRC&CHM MATRL M S E 510 3 CREDITS  
Prereq: MATH 165, PHYS 221, CHEM 167

5610005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

MAGNETSM&MGN MATRLS M S E 519 3 CREDITS  
Prereq: E E 311, MAT E 211 OR E E 271 OR E E 272  
OR PHYS 364

6254005 TR 3:40-5:00  
MEETS: AUG 20-DEC 14

MATERIALS SCIENCE & ENGINEERING (CONTINUED)

MATHEMATICS (CONTINUED)

THRM MLTICMPO MTRLS M S E 520 3 CREDITS  
 Prereq: MAT E 311 OR CHEM 321, MATH 266 OR MATH 267  
 5611005 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

SCAN&AUGER MICRSCPY M S E 552 3 CREDITS  
 Prereq: PHYS 222  
 5092005 A MW 1:10-2:00  
 M 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 5092010 B MW 1:10-2:00  
 W 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 5092600 XE ARRANGED CHUMBLEY S  
 MEETS: AUG 20-DEC 14  
 Note: Section XE is off campus  
 Course delivery is WWW

BIOMATERIALS M S E 556 3 CREDITS  
 Prereq: MAT E 216 OR MAT E 272 OR MAT E 392  
 5091005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

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 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

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  
 6983005 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

EDDY CURRENT NDE M S E 588 3 CREDITS  
 Prereq: MATH 265; MAT E 216 OR MAT E 273 OR MAT E 392 OR E E 311 OR PHYS 364  
 5895005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

SPECIAL TOPICS M S E 590 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* 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 R 3:10-4:00  
 MEETS: AUG 20-DEC 14

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 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required.

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

**MATHEMATICS**

HIGH SCHOOL ALGEBRA MATH 10 0 CREDITS  
 Note: DEVELOPMENTAL MATH FEE APPLIES. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEE.  
 Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 5115005 A1 MTRF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5115010 A2 MTRF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5115011 A3 MTRF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5115040 B1 MTRF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5115045 B2 MTRF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5115050 B3 MTRF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5115090 C1 MTRF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5115095 C2 MTRF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5115096 C3 MTRF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5115100 D1 MTRF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5115105 D2 MTRF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5115110 D3 MTRF 2:10-3:00  
 MEETS: AUG 20-DEC 14

ORIENTATION IN MATH MATH 101 1 CREDIT  
 Prereq: NEW STUDENT MAJORING IN MATH  
 Satisfactory-Fail Only.  
 2759005 A M 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A RESTRICTED TO FRESHMEN ONLY  
 2759010 B M 3:10-4:00  
 MEETS: AUG 20-DEC 14

INTRO TO PROBABILITY MATH 104 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY  
 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 A MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

INTRO TO MATH IDEAS MATH 105 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY  
 Note: CREDITS EARNED IN MATH 105 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS  
 5129005 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

COLLEGE ALGEBRA MATH 140 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
 ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY OR MATH 30  
 Note: CREDITS EARNED IN MATH 140 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY NOT APPLY MATH 140 TOWARD THE GEN ED REQUIREMNTS FOR GRADUATION  
 5132005 1 TR 8:00-8:50  
 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5132010 2 TR 8:00-8:50  
 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5132015 3 TR 8:00-8:50  
 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5132020 4 TR 8:00-8:50  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5132025 5 TR 8:00-8:50  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5132030 6 TR 8:00-8:50  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5132035 7 TR 8:00-8:50  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5132040 8 TR 8:00-8:50  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5132045 9 TR 8:00-8:50  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5132050 10 TR 8:00-8:50  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5132055 11 WF 12:10-1:00  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5132060 12 WF 12:10-1:00  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5132065 13 WF 12:10-1:00  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5132070 14 WF 12:10-1:00  
 R 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5132075 15 WF 12:10-1:00  
 R 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5132080 16 WF 12:10-1:00  
 R 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5132085 17 WF 12:10-1:00  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5132090 18 WF 12:10-1:00  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5132095 19 WF 12:10-1:00  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14

MATHEMATICS

(CONTINUED)

PREP FOR CALCULUS MATH 143 4 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140  
 Note: CREDIT FOR EITHER MATH 143 OR MATH 145, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 143 TOWARD GENERAL EDUCATION REQUIREMENTS.

7342005 1 MW 11:00-11:50  
 TR 2:10-3:00  
 MEETS: AUG 20-DEC 14

7342010 2 MW 11:00-11:50  
 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14

7342015 3 MW 11:00-11:50  
 TR 4:10-5:00  
 MEETS: AUG 20-DEC 14

7342020 4 MW 11:00-11:50  
 TR 2:10-3:00  
 MEETS: AUG 20-DEC 14

7342025 5 MW 11:00-11:50  
 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14

7342030 6 MW 11:00-11:50  
 TR 4:10-5:00  
 MEETS: AUG 20-DEC 14

7342035 7 MW 1:10-2:00  
 TR 8:00-8:50  
 MEETS: AUG 20-DEC 14

7342040 8 MW 1:10-2:00  
 TR 9:00-9:50  
 MEETS: AUG 20-DEC 14

7342045 9 MW 1:10-2:00  
 TR 10:00-10:50  
 MEETS: AUG 20-DEC 14

7342050 10 MW 1:10-2:00  
 TR 8:00-8:50  
 MEETS: AUG 20-DEC 14

7342055 11 MW 1:10-2:00  
 TR 9:00-9:50  
 MEETS: AUG 20-DEC 14

7342060 12 MW 1:10-2:00  
 TR 10:00-10:50  
 MEETS: AUG 20-DEC 14

7342065 13 MW 4:10-5:00  
 TR 2:10-3:00  
 MEETS: AUG 20-DEC 14

7342070 14 MW 4:10-5:00  
 TR 2:10-3:00  
 MEETS: AUG 20-DEC 14

7342075 15 MW 4:10-5:00  
 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14

7342080 16 MW 4:10-5:00  
 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14

7342085 17 MW 4:10-5:00  
 TR 4:10-5:00  
 MEETS: AUG 20-DEC 14

7342090 18 MW 4:10-5:00  
 TR 4:10-5:00  
 MEETS: AUG 20-DEC 14

7342095 19 MW 8:00-8:50  
 TR 8:00-8:50  
 MEETS: AUG 20-DEC 14

7342100 20 MW 8:00-8:50  
 TR 8:00-8:50  
 MEETS: AUG 20-DEC 14

7342105 21 MW 8:00-8:50  
 TR 8:00-8:50  
 MEETS: AUG 20-DEC 14

7342110 22 MW 8:00-8:50  
 TR 9:00-9:50  
 MEETS: AUG 20-DEC 14

7342115 23 MW 8:00-8:50  
 TR 9:00-9:50  
 MEETS: AUG 20-DEC 14

7342120 24 MW 8:00-8:50  
 TR 9:00-9:50  
 MEETS: AUG 20-DEC 14

APPLD TRIGONOMETRY MATH 145 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140  
 Note: CREDIT IN EITHER MATH 143 OR MATH 145, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 145 TOWARD THE GENERAL EDUCATION REQUIREMENTS.

9173005 A MF 8:00-8:50  
 W 8:00-8:50  
 MEETS: AUG 20-DEC 14

9173010 B MF 8:00-8:50  
 W 8:00-8:50  
 MEETS: AUG 20-DEC 14

9173015 C MF 8:00-8:50  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14

Note: SEC C RESTRICTED TO DES, DSGN, I DES, P ARC, P IND, P LA, P GR, P ID, P ISA MAJORS ONLY

9173020 D MF 8:00-8:50  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14

Note: SEC D RESTRICTED TO DES, DSGN, I DES, P ARC, P IND, P LA, P GR, P ID, P ISA MAJORS ONLY

MATHEMATICS

(CONTINUED)

APPLD TRIGONOMETRY MATH 145 3 CREDITS  
 9173025 E MF 8:00-8:50  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14

Note: SEC E RESTRICTED TO DES, DSGN, I DES, P ARC, P IND, P LA, P GR, P ID, P ISA MAJORS ONLY

9173030 F MF 8:00-8:50  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14

9173035 G MF 8:00-8:50  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14

Note: SEC G RESTRICTED TO DES, DSGN, I DES, P ARC, P IND, P LA, P GR, P ID, P ISA MAJORS ONLY

DISC MATH BUS&SOC S MATH 150 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY  
 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, M 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135010 2 ARRANGED  
 M 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135015 3 ARRANGED  
 M 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135020 4 ARRANGED, M 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135025 5 ARRANGED, M 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135030 6 ARRANGED, M 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135035 7 ARRANGED, M 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135040 8 ARRANGED, M 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135045 9 ARRANGED  
 M 5:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135050 10 ARRANGED, T 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135055 11 ARRANGED, T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135060 12 ARRANGED  
 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135065 13 ARRANGED, W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135070 14 ARRANGED, W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135075 15 ARRANGED  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135080 16 ARRANGED  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135085 17 ARRANGED, W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135090 18 ARRANGED, W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135095 19 ARRANGED, W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>



## MATHEMATICS

(CONTINUED)

DISC MATH BUS&SOC S MATH 150 3 CREDITS  
/sp/current  
5135100 20 ARRANGED, R 8:00-8:50  
MEETS: AUG 20-DEC 14  
Section info: <http://orion.math.iastate.edu/mathbus>  
/sp/current  
5135105 21 ARRANGED, R 9:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://orion.math.iastate.edu/mathbus>  
/sp/current  
5135110 22 ARRANGED  
R 10:00-10:50  
MEETS: AUG 20-DEC 14  
Section info: <http://orion.math.iastate.edu/mathbus>  
/sp/current  
5135115 23 ARRANGED, F 8:00-8:50  
MEETS: AUG 20-DEC 14  
Section info: <http://orion.math.iastate.edu/mathbus>  
/sp/current  
5135120 24 ARRANGED, F 9:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://orion.math.iastate.edu/mathbus>  
/sp/current  
5135125 25 ARRANGED, F 3:10-4:00  
MEETS: AUG 20-DEC 14  
5135135 26 ARRANGED  
W 5:10-6:00PM  
MEETS: AUG 20-DEC 14  
5135140 27 ARRANGED, W 1:10-2:00  
MEETS: AUG 20-DEC 14  
5135145 28 ARRANGED, W 2:10-3:00  
MEETS: AUG 20-DEC 14

BUS & SOC SCI CALC MATH 151 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF  
HIGH SCHOOL GEOMETRY; OR MATH 140  
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF  
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,  
MATH 160, MATH 165-166, MATH 181. CREDITS EARNED IN  
MATH 151 CANNOT BE APPLIED TOWARD GRADUATION BY MATH  
MAJORS.

5136005 1 MF 12:10-1:00  
T 12:10-1:00  
MEETS: AUG 20-DEC 14  
5136010 2 MF 12:10-1:00  
T 12:10-1:00  
MEETS: AUG 20-DEC 14  
5136015 3 MF 12:10-1:00  
W 12:10-1:00  
MEETS: AUG 20-DEC 14  
5136020 4 MF 12:10-1:00  
W 12:10-1:00  
MEETS: AUG 20-DEC 14  
5136025 5 MF 12:10-1:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14  
5136030 6 MF 12:10-1:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14  
5136035 7 MF 3:10-4:00  
T 3:10-4:00  
MEETS: AUG 20-DEC 14  
5136040 8 MF 3:10-4:00  
T 3:10-4:00  
MEETS: AUG 20-DEC 14  
5136045 9 MF 3:10-4:00  
W 3:10-4:00  
MEETS: AUG 20-DEC 14  
5136050 10 MF 3:10-4:00  
W 3:10-4:00  
MEETS: AUG 20-DEC 14  
5136055 11 MF 3:10-4:00  
R 3:10-4:00  
MEETS: AUG 20-DEC 14  
5136060 12 MF 3:10-4:00  
R 3:10-4:00  
MEETS: AUG 20-DEC 14  
5136065 13 MF 3:10-4:00  
T 3:10-4:00  
MEETS: AUG 20-DEC 14  
5136070 14 MF 3:10-4:00  
W 3:10-4:00  
MEETS: AUG 20-DEC 14

SURVEY OF CALCULUS MATH 160 4 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR  
OF GEOMETRY; OR C- OR BETTER IN MATH 140; OR C- OR  
BETTER IN MATH 143  
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF  
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,  
MATH 160, MATH 165-166, MATH 181. CREDITS EARNED IN  
MATH 160 CANNOT BE APPLIED TOWARD GRADUATION BY MATH  
MAJORS.

5137005 1 MTRF 8:00-8:50  
MEETS: AUG 20-DEC 14  
5137010 2 MTWF 12:10-1:00  
MEETS: AUG 20-DEC 14  
5137015 3 MTRF 8:00-8:50  
MEETS: AUG 20-DEC 14

## MATHEMATICS

(CONTINUED)

CALCULUS I MATH 165 4 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF  
GEOMETRY, 1 SEMESTER OF TRIGONOMETRY; OR C- OR  
BETTER IN MATH 143  
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF  
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,  
MATH 160, MATH 165-166, MATH 181  
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).

5138005 1 MWF 9:00-9:50  
T 8:00-8:50  
MEETS: AUG 20-DEC 14  
5138010 2 MWF 9:00-9:50  
T 8:00-8:50  
MEETS: AUG 20-DEC 14  
5138015 3 MWF 9:00-9:50  
T 9:00-9:50  
MEETS: AUG 20-DEC 14  
5138020 4 MWF 9:00-9:50  
T 9:00-9:50  
MEETS: AUG 20-DEC 14  
5138025 5 MWF 9:00-9:50  
T 10:00-10:50  
MEETS: AUG 20-DEC 14  
5138030 6 MWF 9:00-9:50  
T 10:00-10:50  
MEETS: AUG 20-DEC 14  
5138035 7 MWRF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC 7 RESTRICTED TO MATH, STAT MAJORS ONLY  
5138040 8 MWF 11:00-11:50  
T 10:00-10:50  
MEETS: AUG 20-DEC 14  
5138045 9 MWF 11:00-11:50  
T 10:00-10:50  
MEETS: AUG 20-DEC 14  
5138050 10 MWF 11:00-11:50  
T 11:00-11:50  
MEETS: AUG 20-DEC 14  
5138055 11 MWF 11:00-11:50  
T 11:00-11:50  
MEETS: AUG 20-DEC 14  
5138060 12 MWF 11:00-11:50  
T 12:10-1:00  
MEETS: AUG 20-DEC 14  
5138065 13 MWF 11:00-11:50  
T 12:10-1:00  
MEETS: AUG 20-DEC 14  
5138070 14 MWF 12:10-1:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14  
5138075 15 MWF 12:10-1:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14  
5138080 16 MWF 12:10-1:00  
R 1:10-2:00  
MEETS: AUG 20-DEC 14  
5138085 17 MWF 12:10-1:00  
R 1:10-2:00  
MEETS: AUG 20-DEC 14  
5138090 18 MWF 12:10-1:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
5138095 19 MWF 12:10-1:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
5138100 20 MWF 2:10-3:00  
R 1:10-2:00  
MEETS: AUG 20-DEC 14  
5138105 21 MWF 2:10-3:00  
R 1:10-2:00  
MEETS: AUG 20-DEC 14  
5138110 22 MWF 2:10-3:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
5138115 23 MWF 2:10-3:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
5138120 24 MWF 2:10-3:00  
R 4:10-5:00  
MEETS: AUG 20-DEC 14  
5138125 25 MWF 2:10-3:00  
R 4:10-5:00  
MEETS: AUG 20-DEC 14  
5138130 26 MWF 4:10-5:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
5138135 27 MWF 4:10-5:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14  
5138140 28 MWF 4:10-5:00  
R 3:10-4:00  
MEETS: AUG 20-DEC 14  
5138145 29 MWF 4:10-5:00  
R 3:10-4:00  
MEETS: AUG 20-DEC 14  
5138150 30 MWF 4:10-5:00  
R 4:10-5:00  
MEETS: AUG 20-DEC 14  
5138155 31 MWF 4:10-5:00  
R 4:10-5:00  
MEETS: AUG 20-DEC 14

MATHEMATICS

(CONTINUED)

MATHEMATICS

(CONTINUED)

CALCULUS I		MATH 165	4 CREDITS
5138160	32	MWF 12:10-1:00 T 8:00-8:50 MEETS: AUG 20-DEC 14	
5138165	33	MWF 12:10-1:00 T 8:00-8:50 MEETS: AUG 20-DEC 14	
5138170	34	MWF 12:10-1:00 T 9:00-9:50 MEETS: AUG 20-DEC 14	
5138175	35	MWF 12:10-1:00 T 9:00-9:50 MEETS: AUG 20-DEC 14	
5138180	36	MWF 12:10-1:00 T 10:00-10:50 MEETS: AUG 20-DEC 14	
5138185	37	MWF 12:10-1:00 T 10:00-10:50 MEETS: AUG 20-DEC 14	
5138190	38	MWF 3:10-4:00 T 1:10-2:00 MEETS: AUG 20-DEC 14	
5138195	39	MWF 3:10-4:00 T 1:10-2:00 MEETS: AUG 20-DEC 14	
5138200	40	MWF 3:10-4:00 T 2:10-3:00 MEETS: AUG 20-DEC 14	
5138205	41	MWF 3:10-4:00 T 2:10-3:00 MEETS: AUG 20-DEC 14	
5138210	42	MWF 3:10-4:00 T 4:10-5:00 MEETS: AUG 20-DEC 14	
5138215	43	MWF 3:10-4:00 T 4:10-5:00 MEETS: AUG 20-DEC 14	
5138220	44	MWF 8:00-8:50 T 8:00-8:50 MEETS: AUG 20-DEC 14	
5138225	45	MWF 8:00-8:50 T 8:00-8:50 MEETS: AUG 20-DEC 14	
5138230	46	MWF 8:00-8:50 T 9:00-9:50 MEETS: AUG 20-DEC 14	
5138235	47	MWF 8:00-8:50 T 9:00-9:50 MEETS: AUG 20-DEC 14	
5138240	48	MWF 8:00-8:50 T 11:00-11:50 MEETS: AUG 20-DEC 14	
5138245	49	MWF 8:00-8:50 T 11:00-11:50 MEETS: AUG 20-DEC 14	
5138250	50	MWF 10:00-10:50 T 10:00-10:50 MEETS: AUG 20-DEC 14	
5138255	51	MWF 10:00-10:50 T 10:00-10:50 MEETS: AUG 20-DEC 14	
5138260	52	MWF 10:00-10:50 T 12:10-1:00 MEETS: AUG 20-DEC 14	
5138265	53	MWF 10:00-10:50 T 12:10-1:00 MEETS: AUG 20-DEC 14	
5138270	54	MWF 10:00-10:50 T 1:10-2:00 MEETS: AUG 20-DEC 14	
5138275	55	MWF 10:00-10:50 T 1:10-2:00 MEETS: AUG 20-DEC 14	

CALCULUS II MATH 166 4 CREDITS  
 Prereq: GRADE OF C- OR BETTER IN MATH 165 OR HIGH MATH PLACEMENT SCORES  
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, MATH 160, MATH 165-166, MATH 181  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5139005	1	MWF 10:00-10:50 T 9:00-9:50 MEETS: AUG 20-DEC 14	
5139010	2	MWF 10:00-10:50 T 9:00-9:50 MEETS: AUG 20-DEC 14	
5139015	3	MWF 10:00-10:50 T 10:00-10:50 MEETS: AUG 20-DEC 14	
5139020	4	MWF 10:00-10:50 T 10:00-10:50 MEETS: AUG 20-DEC 14	
5139025	5	MWF 10:00-10:50 T 11:00-11:50 MEETS: AUG 20-DEC 14	
5139030	6	MWF 10:00-10:50 T 11:00-11:50 MEETS: AUG 20-DEC 14	
5139035	7	MWF 10:00-10:50 T 9:00-9:50 MEETS: AUG 20-DEC 14	

CALCULUS II		MATH 166	4 CREDITS
5139040	8	MWF 10:00-10:50 T 10:00-10:50 MEETS: AUG 20-DEC 14	
5139045	9	MWF 10:00-10:50 T 11:00-11:50 MEETS: AUG 20-DEC 14	
5139050	10	MTRF 11:00-11:50 MEETS: AUG 20-DEC 14	
Note: SEC 10 RESTRICTED TO MATH & STAT MAJORS ONLY			
5139055	11	MWF 12:10-1:00 T 12:10-1:00 MEETS: AUG 20-DEC 14	
5139060	12	MWF 12:10-1:00 T 12:10-1:00 MEETS: AUG 20-DEC 14	
5139065	13	MWF 12:10-1:00 T 3:10-4:00 MEETS: AUG 20-DEC 14	
5139070	14	MWF 12:10-1:00 R 1:10-2:00 MEETS: AUG 20-DEC 14	
5139075	15	MWF 12:10-1:00 T 1:10-2:00 MEETS: AUG 20-DEC 14	
5139080	16	MWF 12:10-1:00 T 3:10-4:00 MEETS: AUG 20-DEC 14	
5139085	17	MWF 1:10-2:00 R 12:10-1:00 MEETS: AUG 20-DEC 14	
5139090	18	MWF 1:10-2:00 R 12:10-1:00 MEETS: AUG 20-DEC 14	
5139095	19	MWF 1:10-2:00 R 12:10-1:00 MEETS: AUG 20-DEC 14	
5139100	20	MWF 1:10-2:00 R 12:10-1:00 MEETS: AUG 20-DEC 14	
5139105	21	MWF 1:10-2:00 R 1:10-2:00 MEETS: AUG 20-DEC 14	
5139110	22	MWF 1:10-2:00 R 1:10-2:00 MEETS: AUG 20-DEC 14	
5139115	23	MWF 1:10-2:00 R 1:10-2:00 MEETS: AUG 20-DEC 14	
5139120	24	MWF 1:10-2:00 R 1:10-2:00 MEETS: AUG 20-DEC 14	
5139125	25	MWF 1:10-2:00 R 3:10-4:00 MEETS: AUG 20-DEC 14	
5139130	26	MWF 1:10-2:00 R 3:10-4:00 MEETS: AUG 20-DEC 14	
5139135	27	MWF 1:10-2:00 R 3:10-4:00 MEETS: AUG 20-DEC 14	
5139140	28	MWF 1:10-2:00 R 3:10-4:00 MEETS: AUG 20-DEC 14	

HONORS--CALCULUS II MATH 166H 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR AND MATH 165 OR HIGH MATH PLACEMENT SCORES  
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, MATH 160, MATH 165-166, MATH 181.  
 RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM. OTHER STUDENTS MAY SEEK PERMISSION OF THE INSTRUCTOR OR ELGIN JOHNSTON OR JENNIFER NEWMAN; BUT PREFERENCE WILL BE GIVEN TO STUDENTS IN THE UNIV HONORS PROGRAM.

1114005	A	MTRF 11:00-11:50 MEETS: AUG 20-DEC 14	
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MATH FOR ELEM ED I MATH 195 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY; ENROLLMENT IN ELEMENTARY ED OR EARLY CHILDHOOD EDUCATION  
 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	A	MWF 8:00-9:20 MEETS: AUG 20-DEC 14	
5144010	B	MWF 9:30-10:50 MEETS: AUG 20-DEC 14	
5144015	C	MWF 11:00-12:20 MEETS: AUG 20-DEC 14	
5144020	D	MWF 12:40-2:00 MEETS: AUG 20-DEC 14	
5144025	E	MWF 2:10-3:30 MEETS: AUG 20-DEC 14	
5144030	F	MWF 11:00-12:20 MEETS: AUG 20-DEC 14	

## MATHEMATICS

(CONTINUED)

MATH FOR ELEM ED II MATH 196 3 CREDITS  
Prereq: GRADE OF C- OR BETTER IN MATH 195 AND ENROLLMENT IN ELEMENTARY EDUCATION OR EARLY CHILDHOOD EDUCATION.  
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 A MWF 2:10-3:30  
MEETS: AUG 20-DEC 14

8125010 B MWF 11:00-12:20  
MEETS: AUG 20-DEC 14

8125015 C MWF 9:30-10:50  
MEETS: AUG 20-DEC 14

8125020 D MWF 12:40-2:00  
MEETS: AUG 20-DEC 14

8125025 E MWF 12:40-2:00  
MEETS: AUG 20-DEC 14

INTRO TO PROOFS MATH 201 3 CREDITS  
Prereq: MATH 166 OR MATH 166H

6998005 A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

6998010 B MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

6998015 C MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

6998020 D MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

MATRCES&LINEAR ALGB MATH 207 3 CREDITS  
Prereq: 2 SEMESTERS OF CALCULUS  
Note: CREDIT FOR MATH 207 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

5161005 A MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

5161010 B TR 9:30-10:45  
MEETS: AUG 20-DEC 14

CALCULUS III MATH 265 4 CREDITS  
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H

5151005 1 MWF 8:00-8:50  
T 12:10-1:00  
MEETS: AUG 20-DEC 14

5151010 2 MWF 8:00-8:50  
T 12:10-1:00  
MEETS: AUG 20-DEC 14

5151015 3 MWF 8:00-8:50  
T 2:10-3:00  
MEETS: AUG 20-DEC 14

5151020 4 MWF 8:00-8:50  
T 2:10-3:00  
MEETS: AUG 20-DEC 14

5151025 5 MWF 8:00-8:50  
T 3:10-4:00  
MEETS: AUG 20-DEC 14

5151030 6 MWF 8:00-8:50  
T 3:10-4:00  
MEETS: AUG 20-DEC 14

5151035 7 MTRF 9:00-9:50  
MEETS: AUG 20-DEC 14

Note: HONORS STUDENTS WANTING AN HONORS COMPONENT MAY REGISTER FOR SECTION 7

5151040 8 MWF 10:00-10:50  
T 9:00-9:50  
MEETS: AUG 20-DEC 14

5151045 9 MWF 10:00-10:50  
T 9:00-9:50  
MEETS: AUG 20-DEC 14

5151050 10 MWF 10:00-10:50  
T 10:00-10:50  
MEETS: AUG 20-DEC 14

5151055 11 MWF 10:00-10:50  
T 10:00-10:50  
MEETS: AUG 20-DEC 14

5151060 12 MWF 10:00-10:50  
T 11:00-11:50  
MEETS: AUG 20-DEC 14

5151065 13 MWF 10:00-10:50  
T 11:00-11:50  
MEETS: AUG 20-DEC 14

5151070 14 MWF 2:10-3:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14

5151075 15 MWF 2:10-3:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14

5151080 16 MWF 2:10-3:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14

5151085 17 MWF 2:10-3:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14

5151090 18 MWF 2:10-3:00  
R 3:10-4:00  
MEETS: AUG 20-DEC 14

5151095 19 MWF 2:10-3:00  
R 3:10-4:00  
MEETS: AUG 20-DEC 14

5151100 20 MWF 4:10-5:00  
R 9:00-9:50  
MEETS: AUG 20-DEC 14

## MATHEMATICS

(CONTINUED)

CALCULUS III MATH 265 4 CREDITS

5151105 21 MWF 4:10-5:00  
R 9:00-9:50  
MEETS: AUG 20-DEC 14

5151110 22 MWF 4:10-5:00  
R 11:00-11:50  
MEETS: AUG 20-DEC 14

5151115 23 MWF 4:10-5:00  
R 11:00-11:50  
MEETS: AUG 20-DEC 14

5151120 24 MWF 4:10-5:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14

5151125 25 MWF 4:10-5:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14

5151130 26 MWF 1:10-2:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14

5151135 27 MWF 1:10-2:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14

5151140 28 MWF 1:10-2:00  
R 1:10-2:00  
MEETS: AUG 20-DEC 14

5151145 29 MWF 1:10-2:00  
R 1:10-2:00  
MEETS: AUG 20-DEC 14

5151150 30 MWF 1:10-2:00  
R 3:10-4:00  
MEETS: AUG 20-DEC 14

5151155 31 MWF 1:10-2:00  
R 3:10-4:00  
MEETS: AUG 20-DEC 14

5151160 32 MWF 4:10-5:00  
R 9:00-9:50  
MEETS: AUG 20-DEC 14

5151165 33 MWF 4:10-5:00  
R 11:00-11:50  
MEETS: AUG 20-DEC 14

5151170 34 MWF 4:10-5:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14

5151175 35 MWF 4:10-5:00  
R 2:10-3:00  
MEETS: AUG 20-DEC 14

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 9:00-9:50  
MEETS: AUG 20-DEC 14

5152020 2 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

5152025 3 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

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.

5153050 1 MWF 8:00-8:50  
T 8:00-8:50  
MEETS: AUG 20-DEC 14

5153055 2 MWF 8:00-8:50  
T 9:00-9:50  
MEETS: AUG 20-DEC 14

5153060 3 MWF 8:00-8:50  
T 10:00-10:50  
MEETS: AUG 20-DEC 14

5153065 4 MWF 10:00-10:50  
T 8:00-8:50  
MEETS: AUG 20-DEC 14

5153070 5 MWF 10:00-10:50  
T 8:00-8:50  
MEETS: AUG 20-DEC 14

5153075 6 MWF 10:00-10:50  
T 9:00-9:50  
MEETS: AUG 20-DEC 14

5153080 7 MWF 10:00-10:50  
T 9:00-9:50  
MEETS: AUG 20-DEC 14

5153085 8 MWF 10:00-10:50  
T 12:10-1:00  
MEETS: AUG 20-DEC 14

5153090 9 MWF 10:00-10:50  
T 12:10-1:00  
MEETS: AUG 20-DEC 14

5153095 10 MWF 10:00-10:50  
T 8:00-8:50  
MEETS: AUG 20-DEC 14

5153100 11 MWF 10:00-10:50  
T 9:00-9:50  
MEETS: AUG 20-DEC 14

5153105 12 MWF 10:00-10:50  
T 12:10-1:00  
MEETS: AUG 20-DEC 14

MATHEMATICS

(CONTINUED)

MATHEMATICS

(CONTINUED)

DIFF EQ & TRANSFMS MATH 267 4 CREDITS  
 5153110 13 MWF 12:10-1:00  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14

5153115 14 MWF 12:10-1:00  
 R 9:00-9:50  
 MEETS: AUG 20-DEC 14

5153120 15 MWF 12:10-1:00  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14

5153125 16 MWF 12:10-1:00  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14

5153130 17 MWF 12:10-1:00  
 R 9:00-9:50  
 MEETS: AUG 20-DEC 14

5153135 18 MWF 12:10-1:00  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14

5153140 19 MWF 4:10-5:00  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14

5153145 20 MWF 4:10-5:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14

5153150 21 MWF 4:10-5:00  
 T 4:10-5:00  
 MEETS: AUG 20-DEC 14

5153155 22 MWF 4:10-5:00  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14

5153160 23 MWF 4:10-5:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14

5153165 24 MWF 4:10-5:00  
 T 4:10-5:00  
 MEETS: AUG 20-DEC 14

LAPLACE TRANSFORMS MATH 268 1 CREDIT  
 Prereq: MATH 266  
 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

SYSTMS OF DIFF EQUA MATH 269 1 CREDIT  
 Prereq: FAMILIARITY WITH ORDINARY DIFFERENTIAL  
 EQUATIONS OF FIRST AND SECOND ORDER, PERMISSION  
 OF DEPARTMENT  
 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 ARRANGED  
 MEETS: AUG 20-DEC 14

5156010 2 ARRANGED  
 MEETS: AUG 20-DEC 14

INDEP STUDY HONORS MATH 290H 1- 3 CREDITS  
 Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM,  
 PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 5157005 ARRANGED  
 MEETS: AUG 20-DEC 14

INTMED TOPIC ELEM M MATH 297 3 CREDITS  
 Prereq: ENROLLMENT IN ELEMENTARY EDUCATION AND  
 GRADE OF C- OR BETTER IN MATH 196  
 4437005 A MWF 8:00-9:15  
 MEETS: AUG 20-DEC 14

4437010 B MWF 9:30-10:45  
 MEETS: AUG 20-DEC 14

ABSTRACT ALGEBRA I MATH 301 3 CREDITS  
 Prereq: MATH 166 OR MATH 166H, MATH 317 OR MATH  
 407, GRADE OF C- OR BETTER IN MATH 201  
 5158005 A MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

5158010 B MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

COMBINATORICS MATH 304 3 CREDITS  
 Prereq: MATH 166 OR MATH 166H; MATH 201 OR  
 EXPERIENCE WITH PROOFS  
 5160005 A TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

THRY LINEAR ALGEBRA MATH 317 4 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MATH 201  
 Note: CREDIT FOR EITHER MATH 207 OR MATH 317, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 7872005 A MTRF 10:00-10:50  
 MEETS: AUG 20-DEC 14

7872010 B MTRF 12:10-1:00  
 MEETS: AUG 20-DEC 14

7872015 C MTRF 1:10-2:00  
 MEETS: AUG 20-DEC 14

TOPOLOGY MATH 331 3 CREDITS  
 Prereq: MATH 201; MATH 301 OR MATH 317  
 OR MATH 414 OR MATH 435  
 5164005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

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 A MWF 10:00-10:50  
 T 12:10-2:00  
 MEETS: AUG 20-DEC 14

INTR THY PR&STAT II MATH 342 4 CREDITS  
 Prereq: STAT 341; MATH 307 OR MATH 317  
 5167005 A MWF 11:00-11:50  
 T 2:10-4:00  
 MEETS: AUG 20-DEC 14

INTR SCIENTF CMPTNG MATH 373 3 CREDITS  
 Prereq: MATH 265  
 2626005 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

INTR PART DIFF EQUA MATH 385 3 CREDITS  
 Prereq: MATH 265 AND ONE OF MATH 266, MATH 267  
 5170005 TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

COOPERATIVE EDUC MATH 398 R CREDIT  
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE  
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
 4551005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required.

APPL LINEAR ALGEBRA MATH 407 3 CREDITS  
 Prereq: MATH 317; OR MATH 207 AND EXPERIENCE  
 WRITING PROOFS  
 7946005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

ANALYSIS I MATH 414 3 CREDITS  
 Prereq: GRADE OF C- OR BETTER IN MATH 201  
 5171005 A MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

5171010 B MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

LOGIC MATH&CPTR SCI MATH 421 3 CREDITS  
 Prereq: MATH 301 OR MATH 207 OR MATH 317 OR  
 COM S 330  
 6470005 TR 11:00-12:25  
 MEETS: AUG 20-DEC 14

INTR HI PRFM CMPUTG MATH 424 3 CREDITS  
 Prereq: MATH 265; MATH 207 OR MATH 317  
 9406005 TR 2:10-4:00  
 MEETS: AUG 20-DEC 14

GEOMETRY I MATH 435 3 CREDITS  
 Prereq: MATH 201; MATH 207 OR MATH 317  
 5175005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

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. MEMBERSHIP  
 IN THE UNIVERSITY HONORS PROGRAM.  
 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 ARRANGED  
 MEETS: AUG 20-DEC 14

UNDERGRAD THESIS MATH 491 2- 3 CREDITS  
 Note: Department permission required.  
 5184005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

5184010 2 ARRANGED  
 MEETS: AUG 20-DEC 14  
 NEWMAN J  
 Note: SEC 2 OFFERED FOR 3 CREDITS  
 Instructor permission required.

UNDERGRAD SEMINAR MATH 492 2 CREDITS  
 Prereq: MATH 317 OR MATH 407  
 6698005 M 3:10-5:00  
 MEETS: AUG 20-DEC 14

MATHEMATICS		(CONTINUED)	
SPECIAL TOPICS	MATH 495	VAR.	CREDITS
Prereq: PERMISSION OF INSTRUCTOR			
7683005	MWF 1:10-2:00		
MEETS: AUG 20-DEC 14			
TEACH SEC SCHL MATH	MATH 497		3 CREDITS
Prereq: 15 CREDITS IN COLLEGE MATHEMATICS; IF IN A TEACHER LICENSURE PROGRAM, CONCURRENT ENROLLMENT IN C I 426 OR C I 526			
5185005	1 T 5:10-8:00PM		
MEETS: AUG 20-DEC 14			
INTRO REAL ANALYSIS	MATH 501		3 CREDITS
Prereq: MATH 265; MATH 207 OR MATH 317			
7394005	MWF 11:00-11:50		
MEETS: AUG 20-DEC 14			
ABSTRACT ALGEBRA I	MATH 504		3 CREDITS
Prereq: MATH 302			
5186005	MWF 12:10-1:00		
MEETS: AUG 20-DEC 14			
APPL LINEAR ALGEBRA	MATH 507		3 CREDITS
Prereq: MATH 307 OR MATH 317			
7915005	MWF 10:00-10:50		
MEETS: AUG 20-DEC 14			
REAL ANALYSIS I	MATH 515		3 CREDITS
Prereq: MATH 414 OR MATH 501			
5196005	A MWF 11:00-11:50		
MEETS: AUG 20-DEC 14			
MTHD APPLIED MATH I	MATH 519		3 CREDITS
Prereq: MATH 414 OR MATH 501			
2281005	MWF 2:10-3:00		
MEETS: AUG 20-DEC 14			
INTRO STOCHAST PROC	MATH 554		3 CREDITS
Prereq: STAT 542			
5214005	MWF 1:10-2:00		
MEETS: AUG 20-DEC 14			
NUMERICL ANALYSIS I	MATH 561		3 CREDITS
Prereq: MATH 414 OR MATH 501			
7502005	TR 12:40-2:00		
MEETS: AUG 20-DEC 14			
DISCRETE OPTIMIZATN	MATH 566		3 CREDITS
Prereq: MATH 317 OR MATH 507 OR MATH 510			
4953005	MWF 9:00-9:50		
MEETS: AUG 20-DEC 14			
GRAPH THEORY	MATH 567		3 CREDITS
Prereq: MATH 314 OR MATH 507 OR MATH 510			
3535005	TR 12:40-1:55		
MEETS: AUG 20-DEC 14			
RANDOM SIGNAL&KALMN	MATH 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			
8192005	1 MWF 12:10-1:00		
MEETS: AUG 20-DEC 14			
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	A TR 2:10-3:30		
MEETS: AUG 20-DEC 14			
INDEPENDENT STUDY	MATH 590	VAR.	CREDITS
*****	SEE DEPT FOR REFERENCE NUMBERS		
MATH GRAD ORIENTN I	MATH 591		.5 CREDIT
Satisfactory-Fail Only.			
6385005	W 4:10-5:00		
MEETS: AUG 20-DEC 14			
CREATIVE COMPONENT	MATH 599	VAR.	CREDITS
Satisfactory-Fail Only.			
*****	SEE DEPT FOR REFERENCE NUMBERS		
DSGN THRY&ASSOC SCH	MATH 605		3 CREDITS
Prereq: MATH 504			
8887005	MWF 1:10-2:00		
MEETS: AUG 20-DEC 14			
CATEGORY THEORY	MATH 617		3 CREDITS
Prereq: MATH 504			
5226005	MWF 2:10-3:00		
MEETS: AUG 20-DEC 14			
HARMONIC ANALYSIS	MATH 631		3 CREDITS
Prereq: MATH 515			
5595005	MWF 10:00-10:50		
MEETS: AUG 20-DEC 14			

MATHEMATICS		(CONTINUED)	
FOUND PREBABLY THRY	MATH 641		3 CREDITS
Prereq: MATH 414 OR MATH 510 OR EQUIVALENT			
4896005	COURSE MWF 9:00-9:50		
MEETS: AUG 20-DEC 14			
PARTIAL DIFF EQUA I	MATH 655		3 CREDITS
Prereq: MATH 515 OR MATH 519			
5227005	TR 9:30-10:45		
MEETS: AUG 20-DEC 14			
FINITE ELEMNT METHD	MATH 666		3 CREDITS
Prereq: MATH 516 OR MATH 520 OR MATH 561 OR MATH 656			
5378005	TR 8:00-9:15		
MEETS: AUG 20-DEC 14			
ADV TOPICS ALGEBRA	MATH 680A		3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5232005	1 ARRANGED		
MEETS: AUG 20-DEC 14			
ADV TOPICS ANALYSIS	MATH 680B		3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5233005	ARRANGED		
MEETS: AUG 20-DEC 14			
ADV TOPCS DIFF EQUA	MATH 680E		3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5243005	ARRANGED		
MEETS: AUG 20-DEC 14			
ADV TOPIC LOGIC&FND	MATH 680G		3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5239005	ARRANGED		
MEETS: AUG 20-DEC 14			
ADV TOPCS PROBABLY	MATH 680K		3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR			
9603005	ARRANGED		
MEETS: AUG 20-DEC 14			
Note: Department permission required.			
ADV TOPICS TOPOLOGY	MATH 680L		3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5245005	ARRANGED		
MEETS: AUG 20-DEC 14			
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: M E MAJORS ONLY. MATH 142 OR MATH 143 OR MATH 145; CREDIT OR ENROLLMENT IN MATH 165			
Note: 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. RESTRICTED TO M E MAJORS ONLY.			
9082005	1 MW 8:00-9:50		
MEETS: AUG 20-DEC 14			
9082010	2 MW 10:00-11:50		
MEETS: AUG 20-DEC 14			
9082015	3 MW 12:10-2:00		
MEETS: AUG 20-DEC 14			
9082020	4 MW 12:10-2:00		
MEETS: AUG 20-DEC 14			
9082025	5 MW 2:10-4:00		
MEETS: AUG 20-DEC 14			
9082030	6 TR 8:00-9:50		
MEETS: AUG 20-DEC 14			
9082035	7 TR 10:00-11:50		
MEETS: AUG 20-DEC 14			
9082040	8 TR 12:10-2:00		
MEETS: AUG 20-DEC 14			
9082045	9 MW 4:10-6:00PM		
MEETS: AUG 20-DEC 14			
ENG GRPHC&INTR DSGN	M E 170		3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 142 OR MATH 143 OR MATH 145; 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 8:00-9:50, ARRANGED		
MEETS: AUG 20-DEC 14			
8346010	2 MW 10:00-11:50		
ARRANGED			
MEETS: AUG 20-DEC 14			
8346015	3 MW 12:10-2:00		
ARRANGED			
MEETS: AUG 20-DEC 14			
8346020	4 MW 2:10-4:00, ARRANGED		
MEETS: AUG 20-DEC 14			
8346025	5 MW 4:10-6:00PM		
ARRANGED			
MEETS: AUG 20-DEC 14			

## MECHANICAL ENGINEERING

(CONTINUED)

ENG GRPHC&INTR DSGN M E 170 3 CREDITS  
 8346030 6 TR 8:00-9:50, ARRANGED  
 MEETS: AUG 20-DEC 14  
 8346035 7 TR 10:00-11:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 8346040 8 TR 12:10-2:00  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 8346045 9 TR 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: LAPTOPS ARE REQUIRED FOR SEC 9  
 8346050 10 TR 4:10-6:00PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Cmptr reqmt: <http://www.me.iastate.edu/students/me-170-laptop-requirements/>  
 8346055 11 MW 8:00-9:50, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: LAPTOPS ARE REQUIRED FOR SECTION 11

LEARNING COMMUNITIE M E 190 1 CREDIT

7612005 1 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612010 2 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612015 3 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612020 4 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612025 5 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612030 6 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612035 7 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612040 8 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612045 9 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612050 10 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612055 11 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612060 12 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612065 13 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 7612070 14 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14

MECH ENGR PRO PLAN M E 202 R CREDIT

Prereq: CREDIT OR ENROLLMENT IN M E 231  
 Note: COURSE RESTRICTED TO M E SOPHOMORES, JUNIORS  
 AND SENIORS ONLY

Satisfactory-Fail Only.

4870005 A R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 4870010 B R 3:10-4:00  
 MEETS: AUG 20-DEC 14

GLOBAL SUSTAINABLT M 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 reqmt

9058600 XW ARRANGED HALLAM A  
 MEETS: SEPT 3-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

ENGR THERMODYNAMICS I M E 231 3 CREDITS

Prereq: MATH 166, CHEM 167, PHYS 221  
 Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY.  
 CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT BOTH,  
 MAY BE APPLIED TOWARD GRADUATION.

4877005 A MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 4877010 B MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 4877015 C MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 4877020 D TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 4877025 E TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 4877030 F TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

INTR MCH ENG DESIGN M E 270 3 CREDITS

Prereq: M E 160 OR EQUIVALENT, M E 170 OR  
 EQUIVALENT, PHYS 221

Note: COURSE RESTRICTED TO M E MAJORS ONLY

6270005 A ARRANGED  
 MWF 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 6270010 B ARRANGED  
 MWF 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 6270015 C ARRANGED  
 MWF 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 6270020 D ARRANGED  
 TR 8:00-10:50  
 MEETS: AUG 20-DEC 14

## MECHANICAL ENGINEERING

(CONTINUED)

INTR MCH ENG DESIGN M E 270 3 CREDITS  
 6270025 E ARRANGED  
 TR 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 6270030 F ARRANGED, TR 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 6270035 G ARRANGED  
 MWF 8:00-9:50  
 MEETS: AUG 20-DEC 14

MANUFACTURING ENGR M E 324 3 CREDITS

Prereq: M E 270, E M 324, MAT E 273, M E 324L

Note: COURSE RESTRICTED TO M E AND A E MAJORS ONLY

6277005 A MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 6277010 B TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 6277015 C TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

MFG ENGINEERING LAB M E 324L 1 CREDIT

Prereq: M E 270, MAT E 273

4270005 1 T 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 4270010 2 W 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 4270015 3 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 4270020 4 F 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 4270025 5 T 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 4270030 6 W 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 4270035 7 R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 4270040 8 F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 4270050 10 T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 4270055 11 W 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 4270060 12 R 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 4270070 14 T 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 4270075 15 R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 4270080 16 W 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 4270085 17 M 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 4270090 18 M 2:10-4:00  
 MEETS: AUG 20-DEC 14

MECH COMPONENT DSGN M E 325 3 CREDITS

Prereq: M E 170, E M 324, STAT 305

Note: COURSE RESTRICTED TO A E, M E MAJORS ONLY

6287005 A MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 6287010 B MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 6287015 C TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

ENGR THERMODYNAMICS II M E 332 3 CREDITS

Prereq: M E 231

Note: COURSE RESTRICTED TO M E MAJORS ONLY

4878005 A MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 4878010 B MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 4878015 C MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 4878020 D MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

FLUID FLOW M E 335 4 CREDITS

Prereq: E M 345, MATH 266 OR MATH 267,  
 CREDIT OR ENROLLMENT IN M E 332

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.

5703005 A TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 5703080 B TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 5703085 C TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 5703006 1 T 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5703010 2 W 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5703015 3 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5703020 4 F 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5703025 5 T 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5703030 6 W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5703035 7 R 10:00-11:50  
 MEETS: AUG 20-DEC 14

MECHANICAL ENGINEERING (CONTINUED)

FLUID FLOW M E 335 4 CREDITS  
 5703040 8 F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5703045 9 W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5703050 10 T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5703055 11 T 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5703060 12 W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5703065 13 R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5703075 15 T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5703090 16 W 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5703095 17 R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5703100 18 F 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5703105 19 M 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

ENGINEERING DYNAMICS M E 345 3 CREDITS

Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.

2025005 1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 2025010 2 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 2025015 3 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 2025020 4 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

ENGINEERING 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. N

4881005 A MW 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 4881010 B MW 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 4881020 1 T 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 4881025 2 W 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 4881030 3 R 9:00-11:50  
 MEETS: AUG 20-DEC 14  
 4881035 4 F 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 4881040 5 M 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 4881045 6 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 4881050 7 W 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 4881055 8 R 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 4881060 9 F 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 4881065 10 M 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 4881070 11 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 4881075 12 W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 4881080 13 R 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 4881085 14 F 2:10-5:00  
 MEETS: AUG 20-DEC 14

COOPERATIVE EDUC M E 398 R CREDIT

Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
 CAREER SERVICES  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AUTOMATIC CONTROLS M E 411 3 CREDITS

Prereq: M E 421  
 4885005 1 TR 10:00-10:50  
 M 12:10-2:00  
 MEETS: AUG 20-DEC 14

ETHICAL RESPONSIBILITY ENGR M E 412 3 CREDITS

Prereq: CREDIT OR ENROLLMENT IN M E 325  
 4886005 A TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

FLUID POWER ENGR M E 413 3 CREDITS

Prereq: CREDIT OR ENROLLMENT IN M E 335 OR E M  
 378, A E 216 OR M E 270  
 8727005 A MW 9:00-9:50  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 8727010 B MW 9:00-9:50  
 W 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 8727015 C MW 9:00-9:50  
 W 3:10-5:00  
 MEETS: AUG 20-DEC 14

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL SYST DSN M E 415 3 CREDITS  
 Prereq: M E 324, M E 325  
 4888005 A TR 8:00-10:50  
 MEETS: AUG 20-DEC 14  
 4888010 B TR 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 4888015 C TR 2:10-5:00  
 MEETS: AUG 20-DEC 14  
 4888020 D MWF 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 4888025 E MWF 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 4888030 F MWF 8:00-9:50  
 MEETS: AUG 20-DEC 14

COMPUTER-AIDED DESIGN M E 419 3 CREDITS

Prereq: M E 325  
 6207005 A TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

SYST DYNAM & CONTROL M E 421 4 CREDITS

Prereq: E M 345, MATH 267, E E 442, E E 448  
 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. R

6310005 A TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 6310010 B TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 6310009 C TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 6310011 1 W 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 6310012 2 F 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 6310015 3 T 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 6310020 4 W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 6310025 5 R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 6310030 6 F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 6310035 7 T 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 6310040 8 W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 6310045 9 R 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 6310050 10 F 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 6310055 11 T 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 6310060 12 W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 6310065 13 R 3:10-5:00  
 MEETS: AUG 20-DEC 14

OPTIMZ MTHD CPLX DSN M E 425 3 CREDITS

Prereq: M E 160, MATH 265  
 3549005 A TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

ALTERNATIVE ENERGY M E 433 3 CREDITS

Prereq: PHYS 221 OR PHYS 222, CHEM 167  
 7356005 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

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. R

5711005 A MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5711008 B MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5711009 C MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5711006 1 T 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5711010 2 W 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 5711015 3 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5711020 4 F 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 5711025 5 T 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 5711030 6 R 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 5711035 7 T 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5711040 8 W 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 5711045 9 R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5711050 10 F 1:10-3:00  
 MEETS: AUG 20-DEC 14

## MECHANICAL ENGINEERING (CONTINUED)

FUND HEAT, VENT, AIR M E 441 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN M E 436  
4892005 A MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

INTRNL COMBUS ENGIN M E 449 3 CREDITS  
Prereq: M E 335  
Note: COURSE RESTRICTED TO M E MAJORS ONLY  
4899005 1 MWF 3:10-4:00  
M 4:10-5:00  
MEETS: AUG 20-DEC 14  
4899010 2 MWF 3:10-4:00  
W 4:10-5:00  
MEETS: AUG 20-DEC 14  
4899015 3 MWF 3:10-4:00  
F 4:10-5:00  
MEETS: AUG 20-DEC 14

MULTIDISC ENGR DSGN M E 466 3 CREDITS  
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF  
GRADUATION, PERMISSION OF INSTRUCTOR  
1903005 1 MWF 3:10-5:00  
MEETS: AUG 20-DEC 14

TECH, GLOBALZ&CULTUR M E 484 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
6320005 A T 6:00-7:30PM  
W 6:00-7:30PM  
MEETS: AUG 20-DEC 14

INDEP STUDY HONORS M E 490H 1- 6 CREDITS  
Prereq: SR CLASSIFCATN, MEMBERSHIP IN HONORS PROG  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN M E 490J 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU NUCL ENGR M E 490M 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU DSGN&OPTMIZ M E 490O 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU MATRLS PROC M E 490Q 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU THERMO-FLUI M E 490R 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU EMERGI AREA M E 490S 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

OPTMZ MTHD CPLX DSN M E 525 3 CREDITS  
Prereq: ENGR 160, MATH 265  
6935005 A TR 2:10-3:25  
MEETS: AUG 20-DEC 14

ADV THERMODYNAMICS M E 530 3 CREDITS  
Prereq: M E 332  
4928005 A TR 11:00-12:20  
MEETS: AUG 20-DEC 14

ADV ENERGY SYS&ANLY M E 531 3 CREDITS  
Prereq: ANY UNDERGRAD THERMODYNAMICS COURSE;  
MATHEMATICS THROUGH DIFFERENTIAL EQUATIONS  
5398005 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

ADVANCED FLUID FLOW M E 538 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN M E 436  
4935005 A MW 3:10-4:30  
MEETS: AUG 20-DEC 14

THERMAL SYST DESIGN M E 545 3 CREDITS  
Prereq: M E 436  
8702005 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

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 2:10-3:00  
MEETS: AUG 20-DEC 14

CPTR GRPHC&GEOM MOD M E 557 3 CREDITS  
Prereq: M E 421, PROGRAMMING EXPERIENCE IN C  
4889005 A TR 2:10-3:30  
MEETS: AUG 20-DEC 14

## MECHANICAL ENGINEERING (CONTINUED)

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 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

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 12:10-1:00  
MEETS: AUG 20-DEC 14

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 A TR 2:10-3:30  
MEETS: AUG 20-DEC 14

VIRTUAL ENVIRON&APP M E 580 3 CREDITS  
Prereq: SENIOR OR GRADUATE STATUS  
9419005 MW 1:10-2:25  
MEETS: AUG 20-DEC 14

TECH, GLOBALZ&CULTUR M E 584 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: Meets international perspectives reqmt  
6336010 A T 6:00-7:30PM  
W 6:00-7:30PM  
MEETS: AUG 20-DEC 14

FUND PRED PLT PHNMC M E 585X 4 CREDITS  
Prereq: ACCEPTANCE INTO THE P3 PROGRAM OR  
INSTRUCTOR PERMISSION  
Note: ACCEPTANCE INTO THE P3 PROGRAM OR  
PERMISSION OF INSTRUCTOR  
8295005 A MWF 9:00-9:50  
T 8:00-10:50  
MEETS: AUG 20-DEC 14

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 A ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC A IS FOR FIRST YEAR STUDENTS  
4964010 B ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC B IS FOR CONTINUING STUDENTS WHO HAVE  
ALREADY COMPLETED THEIR FIRST YEAR  
4964020 P3 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SEC P3 FOR STUDENTS ENROLLED IN P3 PROGRAM

ADV TOP ENGR COMPUT M E 690O 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.  
8151005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Department permission required.



## MECHANICAL ENGINEERING

(CONTINUED)

RESEARCH M E 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**METEOROLOGY**

SEVERE&HZRD WEATHER MTEOR 107 1 CREDIT  
9205005 1 TR 1:10-2:00  
MEETS: OCT 15-DEC 14

SYNOPTIC APPLICATNS MTEOR 111 1 CREDIT  
Prereq: CREDIT OR ENROLL IN MATH 165. ENROLLMENT  
RESTRICTED TO MAJORS ONLY, OR INSTRUCTOR PERMISSION  
Note: COURSE RESTRICTED TO MTEOR MAJORS. OTHERS BY  
SIGNATURE OF THE METEOROLOGY DEPARTMENT ADVISING  
STAFF.  
5641005 1 T 12:10-1:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.meteor.iastate.edu/classes/mt111/index.html>  
Syllabus: <http://www.meteor.iastate.edu/classes/mt111/index.html>

GEOSCIENCE ORIENT MTEOR 112 1 CREDIT  
6630005 M 4:10-5:00  
MEETS: AUG 20-DEC 14

INTRODUCTRY SEMINAR MTEOR 201 R CREDIT  
Prereq: CREDIT OR ENROLLMENT IN PHYS 221  
Satisfactory-Fail Only.  
5374005 R 1:10-2:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.meteor.iastate.edu/classes/mt201/>  
Syllabus: <http://www.meteor.iastate.edu/classes/mt201/>

INTRO WEATHER&CLIMT MTEOR 206 3 CREDITS  
5375005 1 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

COMPUTNL METEOROL I MTEOR 227 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MTEOR 206;  
CREDIT OR ENROLLMENT IN PHYS 221  
8566005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN MTEOR 298 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE  
EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION  
4813005 ARRANGED  
MEETS: AUG 20-DEC 14

INTR SYNOPTIC MTEOR MTEOR 311 2 CREDITS  
Prereq: MTEOR 301  
5379005 1 M 11:00-11:50  
T 2:10-4:00  
F 11:00-11:50  
MEETS: AUG 20-DEC 14  
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; JR OR SR STANDING; PERMISSION  
OF COOP PROGRM COORD; ACCEPTANCE BY SPONSORING AGENCY  
Satisfactory-Fail Only.  
5381005 ARRANGED  
MEETS: AUG 20-DEC 14

ATMOSPH PHYSICS I MTEOR 341 3 CREDITS  
Prereq: PHYS 222, CREDIT OR ENROLLMNT IN MATH 266  
5382005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
Section info: <http://www.meteor.iastate.edu/classes/mt341/>  
Syllabus: <http://www.meteor.iastate.edu/classes/mt341/>

COOPERATIVE EDUCATN MTEOR 398 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE  
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
4823005 ARRANGED  
MEETS: AUG 20-DEC 14

WATERSHED HYDROLOGY MTEOR 402 3 CREDITS  
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
SCIENCES OR ENGINEERING; JUNIOR STANDING  
3442005 1 MW 11:00-11:50 FRANZ K  
R 3:10-6:00PM FRANZ K  
MEETS: AUG 20-DEC 14

GLOBAL CHANGE MTEOR 404 3 CREDITS  
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
SCIENCES OR ENGINEERING; JUNIOR STANDING  
8141600 XW ARRANGED MAWALAGEDARA R  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

## METEOROLOGY

(CONTINUED)

SYNOPTIC METEOROLGY MTEOR 411 3 CREDITS  
Prereq: MTEOR 311, CREDIT OR ENROLLMENT IN 454  
5387005 W 1:10-2:00  
MWF 2:10-2:30  
R 9:00-11:50  
MEETS: AUG 20-DEC 14  
Section info: <http://meteor.iastate.edu/classes/411/Syllabus: http://meteor.iastate.edu/classes/mt411/outline1.pdf>

RADAR APPS METEORLG MTEOR 435 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MTEOR 341  
4711005 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

DYNAMIC METEOROL II MTEOR 454 3 CREDITS  
Prereq: MTEOR 443  
5386005 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14  
Section info: <http://www.meteor.iastate.edu/classes/mt454/>  
Syllabus: <http://www.meteor.iastate.edu/classes/mt454/>

HIST MODRN METEOROL MTEOR 471 1 CREDIT  
Prereq: MTEOR 341, MTEOR 342, MTEOR 411,  
MTEOR 443, MTEOR 452  
7689005 M 1:10-2:00  
MEETS: AUG 20-DEC 14

SURV REMOTE SNS TEC MTEOR 489 3 CREDITS  
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
SCIENCES OR ENGINEERING  
9748005 MW 10:00-10:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS WWW LECTURE DELIVERY

SATELL RMT SENS LAB MTEOR 489L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN MTEOR 489  
OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489  
OR NREM 589 OR E E 489 OR E E 589  
5208005 T 9:00-11:50  
MEETS: AUG 20-DEC 14

IND STUDY SYNOPTIC MTEOR 490A 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8424005 ARRANGED  
MEETS: AUG 20-DEC 14

INDEP STUDY DYNAMIC MTEOR 490B 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8425005 ARRANGED  
MEETS: AUG 20-DEC 14

IND STUDY PHYSICAL MTEOR 490C 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8426005 ARRANGED  
MEETS: AUG 20-DEC 14

IND STU INSTRUMENTN MTEOR 490D 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
1010005 ARRANGED  
MEETS: AUG 20-DEC 14

IND STUDY HYDROLOGY MTEOR 490E 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8668005 ARRANGED  
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN MTEOR 498 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE  
EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
4824005 ARRANGED  
MEETS: AUG 20-DEC 14

SENIOR RESEARCH MTEOR 499 2 CREDITS  
5392005 M 4:10-5:00  
T 4:10-5:00  
MEETS: AUG 20-DEC 14

WATERSHED HYDROLOGY MTEOR 502 3 CREDITS  
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
SCIENCES OR ENGINEERING; JUNIOR STANDING  
6290005 MW 11:00-11:50  
R 3:10-6:00PM  
MEETS: AUG 20-DEC 14

## METEOROLOGY

(CONTINUED)

SYNOPTIC METEOROLGY MTEOR 511 3 CREDITS  
Prereq: MTEOR 311, CREDIT OR ENROLLMENT IN MTEOR 454

4575005 W 1:10-2:00  
MWF 2:10-2:30  
R 9:00-11:50  
MEETS: AUG 20-DEC 14

ADV DYNAMIC MTEOR I MTEOR 543 3 CREDITS  
Prereq: MTEOR 455

5396005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

HIST MODRN METEOROL MTEOR 571 1 CREDIT  
3770005 M 1:10-2:00  
MEETS: AUG 20-DEC 14

SURV REMOTE SNS TEC MTEOR 589 3 CREDITS  
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING

9750005 MW 10:00-10:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED TIME REPRESENTS WWW LECTURE DELIVERY

SATELL RMT SENS LAB MTEOR 589L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489 OR NREM 589 OR E E 489 OR E E 589

5628005 T 9:00-11:50  
MEETS: AUG 20-DEC 14

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

8427005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

8429005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

8430005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

8431005 R 4:10-5:00  
MEETS: AUG 20-DEC 14

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

8432005 Satisfactory-Fail Only.  
ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

8433005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

8434005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

8435005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

8437005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

1230005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

3901005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

3904005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

8669005 ARRANGED  
MEETS: AUG 20-DEC 14

## METEOROLOGY

(CONTINUED)

SP TOP GEOPH FLU DY MTEOR 590N 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

9186005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TP RADAR MTEORL MTEOR 590O 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

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

GRADUATE SEMINAR MTEOR 595B R CREDIT  
Prereq: SENIOR OR GRADUATE CLASSIFICATION

3599005 Satisfactory-Fail Only.  
T 4:10-5:30  
MEETS: AUG 20-DEC 14

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

## MICROBIOLOGY

MICROBIAL WORLD MICRO 101 3 CREDITS  
Prereq: HIGH SCHOOL BIOLOGY OR EQUIVALENT

9323005 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

PRO&ED PREP MICROBI MICRO 110 1 CREDIT  
Satisfactory-Fail Only.

8683005 A R 2:10-3:00  
MEETS: AUG 20-DEC 14

PHAGE DISCOVERY LAB MICRO 115X 2 CREDITS  
9457005 1 MW 9:00-10:50  
MEETS: AUG 20-DEC 14

INTRO MICROBIOLOGY MICRO 201 2 CREDITS  
Prereq: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY

5305005 MW 2:10-3:00  
MEETS: AUG 20-DEC 14

INTRO MICROBIOL LAB MICRO 201L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 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 3:10-4:30  
MEETS: AUG 20-DEC 14

1433010 2 TR 8:00-9:20  
MEETS: AUG 20-DEC 14

1433015 3 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

1433020 4 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

1433025 5 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

1433030 6 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

1433035 7 TR 3:40-5:00  
MEETS: AUG 20-DEC 14

BIOL MICROORGANISMS MICRO 302 3 CREDITS  
Prereq: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212; ONE SEMESTER OF CHEMISTRY

1426005 A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14 BOURY N

MICROBIOLOGY LAB MICRO 302L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN MICRO 302

Note: CREDIT FOR EITHER MICRO 201L OR MICRO 302L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

3024005 1 MW 8:30-9:50  
MEETS: AUG 20-DEC 14

3024010 2 MW 11:00-12:20  
MEETS: AUG 20-DEC 14

3024015 3 TR 8:00-9:20  
MEETS: AUG 20-DEC 14

3024020 4 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

MEDICAL MICROBIOLGY MICRO 310 3 CREDITS  
Prereq: MICRO 302 (OR MICRO 201 IF A B OR BETTER WAS OBTAINED)

5307005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

MEDICL MICROBIO LAB MICRO 310L 1 CREDIT  
Prereq: MICRO 201 OR MICRO 302; MICRO 201L OR MICRO 302L; CREDIT OR ENROLLMENT IN MICRO 310

3025005 1 MW 1:10-2:30  
MEETS: AUG 20-DEC 14

Note: SEC 1 RESTRICTED TO MICR, MICRO MAJORS ONLY

3025010 2 MW 1:10-2:30  
MEETS: AUG 20-DEC 14

3025015 3 MW 2:40-4:00  
MEETS: AUG 20-DEC 14

## MICROBIOLOGY (CONTINUED)

MICROB GENETC&GENOM MICRO 402 3 CREDITS  
Prereq: MICRO 302, BIOL 313  
1434005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

VIROLOGY MICRO 408 3 CREDITS  
Prereq: BIOL 313 OR BBMB 301; RECOMMEND BIOL 314  
5314005 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

FOOD MICROBIOLOGY MICRO 420 3 CREDITS  
Prereq: MICRO 201 OR MICRO 302  
5315005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

LAB MICR PHYSL,DVRS MICRO 440 4 CREDITS  
Prereq: MICRO 302, MICRO 302L, CHEM 332, BIOL 313L  
6135005 TR 1:10-5:00  
MEETS: AUG 20-DEC 14

MICRO SENIOR SURVEY MICRO 451 R CREDIT  
Prereq: JR OR SR STANDING IN MICROBIOLOGY  
Satisfactory-Fail Only.  
7214005 T 11:00-11:50  
MEETS: AUG 20-DEC 14

PRINCIP OF MYCOLOGY MICRO 456 3 CREDITS  
Prereq: 10 CREDITS IN BIOLOGICAL SCIENCES  
7203005 1 MW 11:00-11:50  
W 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
7203010 2 MW 11:00-11:50  
F 12:10-3:00  
MEETS: AUG 20-DEC 14

MICROBIAL ECOLOGY MICRO 487 3 CREDITS  
Prereq: 6 CREDITS IN BIOLOGY AND 6 CR IN CHEM  
3849005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

INDEP STU:LAB RSRCH MICRO 490A VAR. CREDITS  
Prereq: A MINIMUM OF 6 CREDITS OF 300-LEVEL  
OR ABOVE COURSEWORK IN MICROBIOLOGY, 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: A MINIMUM OF 6 CREDITS OF 300-LEVEL  
OR ABOVE COURSE WORK IN MICROBIOLOGY, 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: A MINIMUM OF 6 CREDITS OF 300-LEVEL  
OR ABOVE COURSEWORK IN MICROBIOLOGY, 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 STUDY:GENERAL MICRO 490G VAR. CREDITS  
Prereq: A MINIMUM OF 6 CREDITS OF 300-LEVEL  
OR ABOVE COURSEWORK IN MICROBIOLOGY, PERMISSION  
OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE  
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
FOR GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MICRO 490H 1- 5 CREDITS  
Prereq: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE  
COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP IN  
UNIV HONORS PROGRAM  
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: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE  
COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR  
Satisfactory-Fail Only.  
9679005 ARRANGED  
MEETS: AUG 20-DEC 14

## MICROBIOLOGY (CONTINUED)

GUT MICROBIOME:HLTH MICRO 517X 3 CREDITS  
Prereq: BASIC KNOWLEDGE IN MICROBIOLOGY  
7736005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

MICROB DIVRS&PHYLOG MICRO 551 1 CREDIT  
Prereq: MICRO 302, BIOL 301  
7016005 A MWF 10:00-10:50  
MEETS: AUG 20-SEPT 21

BACT MOLE GEN&PHYSL MICRO 552 1 CREDIT  
Prereq: MICRO 302, BIOL 313  
7024005 A MWF 10:00-10:50  
MEETS: SEPT 24-OCT 26

PATHOGENIC MICROORG MICRO 553 1 CREDIT  
Prereq: MICRO 302, BIOL 313  
7078005 A MWF 10:00-10:50  
MEETS: OCT 29-DEC 7

MEDICL BACTERIOLOGY MICRO 586 4 CREDITS  
Prereq: MICRO 310  
6947005 A MWF 9:00-9:50 BELLAIRE B  
ARRANGED  
MEETS: AUG 20-DEC 14

MICROBIAL ECOLOGY MICRO 587 3 CREDITS  
Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
6759005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

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 A R 4:10-5:00  
MEETS: AUG 20-DEC 14

MOLECULAR IMMUNOLGY MICRO 615 3 CREDITS  
Prereq: BBMB 405 OR BBMB 502  
5339005 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

RAPID MTH FD MICROB MICRO 627 2 CREDITS  
Prereq: FS HN 420 OR FS HN 421 OR FS HN 504  
8835005 1 TR 2:10-3:00  
MEETS: AUG 20-DEC 14

CURR TOPIC MICROBIO MICRO 690A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MOL BIO PLT PATHOIGN MICRO 692 3 CREDITS  
Prereq: PL P 506 OR BBMB 405 OR GEN 411 OR  
MICRO 402 OR STRONG BACKGROUND IN MOLECULAR BIOLOGY  
6989005 ARRANGED  
MEETS: AUG 20-DEC 14

GRAD RESEARCH ROTAT MICRO 697 VAR. CREDITS  
7161005 ARRANGED  
MEETS: AUG 20-DEC 14

SEMN MOLEC,C,DV BIO MICRO 698 1- 2 CREDITS  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018  
5350005 1 M 3:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1 WILL NOT MEET EVERY WEEK. MEETING  
DATES TO BE ANNOUNCED.

RESEARCH MICRO 699 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MILITARY SCIENCE**

INTRO MILITARY SCI M S 101 1 CREDIT  
Prereq: CONCURRENT ENROLLMNT IN M S 101L REQUIRED  
Note: CONCURRENT ENROLLMENT IN M S 101L REQUIRED  
4993005 1 T 12:40-1:30 REILLY S  
MEETS: AUG 20-DEC 14  
4993010 2 W 10:00-10:50 REILLY S  
MEETS: AUG 20-DEC 14

BASC LEADRSHP LAB I M S 101L 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN M S 101 REQUIRED  
Note: CONCURRENT ENROLLMENT IN M S 101 REQUIRED  
4994005 1 W 4:10-6:00PM REILLY S  
ARRANGED REILLY S  
MEETS: AUG 20-DEC 14

## MILITARY SCIENCE

(CONTINUED)

ARMY PHY READINESS M S 150 1 CREDIT  
8414005 1 MTF 6:00-7:15 CULBERTSON J  
MEETS: AUG 20-DEC 14

PRIN OF LEADERSHIP M S 201 2 CREDITS  
Prereq: CONCURRENT ENROLLMNT IN M S 201L REQUIRED  
Note: CONCURRENT ENROLLMENT IN M S 201L REQUIRED  
4997005 1 MW 9:00-9:50 BOWMAN J  
MEETS: AUG 20-DEC 14  
4997010 2 MW 11:00-11:50 BOWMAN J  
MEETS: AUG 20-DEC 14

BASC LEADRS LAB III M S 201L 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN M S 201 REQUIRED  
Note: CONCURRENT ENROLLMENT IN M S 201 REQUIRED  
4998005 1 W 4:10-6:00PM BOWMAN J  
ARRANGED BOWMAN J  
MEETS: AUG 20-DEC 14

ADV PHY READINESS I M S 250 2 CREDITS  
Prereq: SUCCESSFULLY COMPLETE M S 150, PERMISSION  
OF THE DEPARTMENT CHAIR  
6398005 1 MTRF 6:00-7:15 CULBERTSON J  
MEETS: AUG 20-DEC 14  
Note: Permission of department chair required.  
6398010 2 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Permission of department chair required.

IND STDY:BASIC MILI M S 290 1- 3 CREDITS  
Prereq: PERMISSION OF THE M S DEPT CHAIR  
8153005 1 ARRANGED GUERTTMAN M  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

MTHD INSTR MIL SKIL M S 301 3 CREDITS  
Prereq: COMPLETION OF THE BASIC M S PROGRAM,  
CONCURRENT ENROLLMENT IN M S 301L, AND PERMISSION OF  
DEPARTMENT CHAIR OF MILITARY SCIENCE  
Note: Department permission required.  
5004005 1 TR 9:30-10:50 CULBERTSON J  
MEETS: AUG 20-DEC 14  
5004010 2 TR 11:00-12:20 CULBERTSON J  
MEETS: AUG 20-DEC 14

ADV LEADERSHP LAB I M S 301L 1 CREDIT  
Prereq: COMPLETION OF THE BASIC PROGRAM,  
CONCURRENT ENROLLMENT IN M S 301 AND PERMISSION OF  
DEPARTMENT CHAIR OF MILITARY SCIENCE  
Note: Permission of department chair required.  
5003005 W 4:10-6:00PM CULBERTSON J  
ARRANGED CULBERTSON J  
MEETS: AUG 20-DEC 14

SEMNR:MILITARY TEAM M S 401 3 CREDITS  
Prereq: COMPLETION OF THE BASIC PROGRAM,  
CONCURRENT ENROLLMENT IN M S 401L AND PERMISSION OF  
THE DEPARTMENT CHAIR OF MILITARY SCIENCE  
Note: Permission of department chair required.  
5007005 1 ARRANGED DIAL E  
MEETS: AUG 20-DEC 14  
5007010 2 ARRANGED DIAL E  
MEETS: AUG 20-DEC 14

ADV LEADRSH LAB III M S 401L 1 CREDIT  
Prereq: COMPLETION OF THE BASIC PROGRAM,  
CONCURRENT ENROLLMENT IN M S 401 AND PERMISSION OF  
THE MILITARY SCIENCE DEPARTMENT CHAIR  
Note: Permission of department chair required.  
5008005 1 W 4:10-6:00PM DIAL E  
ARRANGED DIAL E  
MEETS: AUG 20-DEC 14

IND STDY:ADV MIL ST M S 490 1 CREDIT  
Prereq: M S 301, M S 302, M S 401, M S 402,  
PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR  
9598005 1 ARRANGED DIAL E  
MEETS: AUG 20-DEC 14

## MOLECULAR CELLULAR DEV BIOLOGY

(CONTINUED)

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS  
Satisfactory-Fail Only.  
7278005 ARRANGED  
MEETS: AUG 20-DEC 14

SEMN MOLEC,C,DV BIO MCDB 698 1- 2 CREDITS  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018  
5275005 1 M 3:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1 WILL NOT MEET EVERY WEEK. MEETING  
DATES TO BE ANNOUNCED.

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

**MUSIC**

FUNDAMNTLS OF MUSIC MUSIC 101 2 CREDITS  
Prereq: ABILITY TO READ ELEM MUSICAL NOTATION  
Note: CREDIT IN ONLY ONE OF THE FOLLOWING  
COURSES MAY BE APPLIED TOWARD GRADUATION:  
MUSIC 101, MUSIC 105, MUSIC 201X  
7180005 A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
7180010 B MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS  
Note: Meets international perspectives reqmt  
5406005 A MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
5406010 B MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
5406600 XW ARRANGED TAM T  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

BASIC MUSICIANSHP MUSIC 105 3 CREDITS  
Prereq: PERFORMING ARTS MAJOR STATUS OR  
PERMISSION OF INSTRUCTOR.  
Note: CREDIT IN ONLY ONE OF THE FOLLOWING  
COURSES MAY BE APPLIED TOWARD GRADUATION:  
MUSIC 101, MUSIC 105, MUSIC 201X  
2975005 A TR 3:10-4:00  
W 1:10-2:00  
MEETS: AUG 20-DEC 14

WIND ENSEMBLE MUSIC 111 1 CREDIT  
Prereq: OPEN TO ALL STUDENTS BY AUDITION  
Note: ADDITIONAL EXPENSES MAY APPLY  
5408005 A MWRF 12:10-1:00  
MEETS: AUG 20-DEC 14

CONCERT BAND MUSIC 112 1 CREDIT  
Prereq: OPEN TO ALL STUDENTS WHO PERFORMED ON A  
WIND OR PERCUSSION INSTRUMENT IN HS BAND OR ORCHESTRA  
Note: ADDITIONAL EXPENSES MAY APPLY  
5409005 A TR 9:30-10:50  
MEETS: AUG 20-DEC 14

JAZZ ENSEMBLE MUSIC 113 1 CREDIT  
Prereq: OPEN TO ALL STUDENTS BY AUDITION  
Note: ADDITIONAL EXPENSES MAY APPLY  
5410005 A TR 2:10-3:40  
MEETS: AUG 20-DEC 14  
5410010 B MW 3:10-4:40  
MEETS: AUG 20-DEC 14

MARCHING BAND MUSIC 114A 1 CREDIT  
Note: ADDITIONAL EXPENSES MAY APPLY. STUDENTS  
MAY NOT BE CONCURRENTLY ENROLLED IN MUSIC 114C.  
5411005 MTWRF 5:10-6:30PM  
S 10:00-11:50  
MEETS: AUG 20-DEC 14

PEP BAND FOR SOCC&W MUSIC 114C 1 CREDIT  
Prereq: STUDENTS SELECTED BY AUDITION  
9818005 TR 5:10-6:30PM  
MEETS: AUG 20-DEC 14

SYMPHONIC BAND MUSIC 115 1 CREDIT  
Prereq: OPEN TO ALL STUDENTS BY AUDITION  
Note: ADDITIONAL EXPENSES MAY APPLY  
9610005 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CREDITS  
Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
Note: CREDIT IN MUSIC 118A WILL NOT SATISFY APPLIED  
MUSIC REQUIREMENTS FOR MUSIC MAJORS  
APPLIED MUSIC FEE \$150.00-\$190.00  
Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MOLECULAR CELLULAR DEV BIOLOGY**

ADVANCS MOL CEL BIO MCDB 528 3 CREDITS  
Prereq: COURSES IN CELL BIOLOGY AND BIOCHEMISTRY  
5253005 TR 3:40-5:00  
MEETS: AUG 20-DEC 14

PLANT MOLEC&DEV BIO MCDB 545 3 CREDITS  
Prereq: BIOL 314, BIOL 330  
5257005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

SPECIAL TOPICS MCDB 590 VAR. CREDITS  
5260005 ARRANGED  
MEETS: AUG 20-DEC 14

## MUSIC

(CONTINUED)

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CREDITS  
Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
Note: CREDIT IN MUSIC 118B WILL NOT SATISFY APPLIED  
MUSIC REQUIREMENTS FOR MUSIC MAJORS  
APPLIED MUSIC FEE \$150.00-\$190.00  
Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 118C 1- 2 CREDITS  
Prereq: AUDITION, 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: AUDITION, 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: AUDITION, 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: AUDITION, 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: AUDITION, PERMISSION OF INSTRUCTOR  
Note: CREDIT IN MUSIC 118G WILL NOT SATISFY APPLIED  
MUSIC REQUIREMENTS FOR MUSIC MAJORS  
APPLIED MUSIC FEE \$150.00-\$190.00  
Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 118I 1- 2 CREDITS  
Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
Note: CREDIT IN MUSIC 118I WILL NOT SATISFY APPLIED  
MUSIC REQUIREMENTS FOR MUSIC MAJORS  
APPLIED MUSIC FEE \$150.00-\$190.00  
Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 119D 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 119I 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CLASS STUDY PIANO I MUSIC 127 1 CREDIT  
Prereq: MUSIC MAJOR STATUS OR PERMISSION OF  
INSTRUCTOR  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.

5432005 A TR 11:00-11:50  
MEETS: AUG 20-DEC 14

5432010 B TR 10:00-10:50  
MEETS: AUG 20-DEC 14

5432015 C MW 9:00-9:50  
MEETS: AUG 20-DEC 14

## MUSIC

(CONTINUED)

LYRICA WOMENS CHOIR MUSIC 141 1 CREDIT  
Prereq: OPEN TO ALL FEMALE STUDENTS BY AUDITION  
Note: ADDITIONAL EXPENSES MAY APPLY  
5437005 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

CANTAMUS WMNS CHOIR MUSIC 151A 1 CREDIT  
Prereq: OPEN TO ALL STUDENTS BY AUDITION  
Note: ADDITIONAL EXPENSES MAY APPLY  
4461005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT  
Prereq: OPEN TO ALL STUDENTS BY AUDITION  
4471005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
Note: ADDITIONAL EXPENSES MAY APPLY

IOWA STATE SINGERS MUSIC 161 1 CREDIT  
Prereq: OPEN TO ALL STUDENTS BY AUDITION  
Note: ADDITIONAL EXPENSES MAY APPLY  
5441005 MTWRF 12:10-1:00  
MEETS: AUG 20-DEC 14

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT  
Prereq: OPEN TO ALL STUDENTS BY AUDITION  
Note: ADDITIONAL EXPENSES MAY APPLY  
5443005 TR 4:10-6:00PM  
MEETS: AUG 20-DEC 14

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 219C 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 219D 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSIC THEORY I MUSIC 224 4 CREDITS  
Prereq: MUSIC 101, PERMISSION OF INSTRUCTOR, OR  
PASSING GRADE ON THE FUNDAMENTALS PLACEMENT EXAM.  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY  
OR PERMISSION OF INSTRUCTOR  
2419005 A MWF 3:10-4:00  
MEETS: AUG 20-DEC 14  
2419010 B MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

AURAL THEORY I MUSIC 225 1 CREDIT  
Prereq: MUSIC MAJOR STATUS OR PERMISSION OF  
INSTRUCTOR; CREDIT OR ENROLLMENT IN MUSIC 224  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY  
2420005 A MWF 10:00-10:50  
R 3:10-4:00  
MEETS: AUG 20-DEC 14  
2420010 B MWF 10:00-10:50  
T 2:10-3:00  
MEETS: AUG 20-DEC 14  
2420015 C MWF 10:00-10:50  
R 2:10-3:00  
MEETS: AUG 20-DEC 14

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 A MW 11:00-11:50  
MEETS: AUG 20-DEC 14  
5455010 B TR 9:00-9:50  
MEETS: AUG 20-DEC 14  
5455015 C TR 2:10-3:00  
MEETS: AUG 20-DEC 14

## MUSIC

(CONTINUED)

INTRO CRTV DGTL MUS MUSIC 246 2 CREDITS  
Prereq: MUSIC 101, MUSIC 105, OR MUSIC 224,  
OR PERMISSION OF INSTRUCTOR  
5578005 MW 1:10-2:00  
MEETS: AUG 20-DEC 14

MUSIC IN ELEM EDUC MUSIC 265 2 CREDITS  
Prereq: HD FS 102 OR PSYCH 230  
7209005 A TR 3:10-4:00  
MEETS: AUG 20-DEC 14  
7209010 B TR 4:10-5:00  
MEETS: AUG 20-DEC 14  
7209015 C TR 5:10-6:00PM  
MEETS: AUG 20-DEC 14  
7209020 D TR 2:10-3:00  
MEETS: AUG 20-DEC 14

PRE-TCH EXP I:MUSIC MUSIC 280K .5 CREDIT  
Satisfactory-Fail Only.  
5807005 1 ARRANGED  
MEETS: AUG 20-DEC 14

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB CONDUCTING MUSIC 290G VAR. CREDITS  
3637005 ARRANGED  
MEETS: AUG 20-DEC 14  
3637074 MG ARRANGED GOLEMO M  
MEETS: AUG 20-DEC 14

SPECIAL PROB HONORS MUSIC 290H VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN  
UNIVERSITY HONORS PROGRAM  
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  
Prereq: PERMISSION OF INSTRUCTOR  
8656005 TR 2:10-3:40  
MEETS: AUG 20-DEC 14

OPERA STDO MU THTRE MUSIC 301B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8670005 1 MW 2:10-3:40  
MEETS: AUG 20-DEC 14  
8670010 2 ARRANGED  
MEETS: AUG 20-DEC 14

APPLIED MUSIC VOICE MUSIC 318A 1- 2 CREDITS  
Prereq: AUDITION, 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: AUDITION, PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 318C 1- 2 CREDITS  
Prereq: AUDITION, 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: AUDITION, PERMISSION OF INSTRUCTOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MUSIC

(CONTINUED)

APPL MUSIC CARILLON MUSIC 318E 1- 2 CREDITS  
Prereq: AUDITION, 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: AUDITION, 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: AUDITION, 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: AUDITION, 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: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 319C 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 319D 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE MUSIC 321A 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN MUSIC 321C 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL STRINGS MUSIC 321D 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSM PERCUSSION MUSIC 321I 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MUSIC

(CONTINUED)

ADV ENSEMBLE MIXED MUSIC 321J 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY; PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGL&ITAL DICT-SING MUSIC 324 2 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MUSIC 118A OR  
MUSIC 119A  
5495005 MW 1:10-2:00  
MEETS: AUG 20-DEC 14

MUSIC THEORY III MUSIC 334 3 CREDITS  
Prereq: MUSIC 234. CONCURRENT ENROLLMENT  
IN 335 RECOMMENDED.  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.  
2506005 A MWF 8:00-8:50  
MEETS: AUG 20-DEC 14  
2506010 B MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

AURAL THEORY III MUSIC 335 1 CREDIT  
Prereq: MUSIC 235; CREDIT OR ENROLLMENT IN  
MUSIC 334  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.  
2544005 A TR 8:00-8:50  
MEETS: AUG 20-DEC 14  
2544010 B TR 9:00-9:50  
MEETS: AUG 20-DEC 14

STRING TECHNIQUES MUSIC 350 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN MUSIC 358B IS  
REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.  
5499005 MW 2:10-3:00  
MEETS: AUG 20-DEC 14

WDWND: OBOE,BASSN MUSIC 352 1 CREDIT  
Prereq: MUSIC 351 OR PERMISSION OF INSTRUCTOR.  
CONCURRENT ENROLLMENT IN MUSIC 358B IS REQUIRED OF  
INSTRUMENTAL MUSIC EDUCATION MAJORS.  
5501005 TR 11:00-11:50  
MEETS: AUG 20-DEC 14

BRASS:TRMPT,FR HORN MUSIC 353 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN MUSIC 358B IS  
REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.  
5502005 MW 2:10-3:00  
MEETS: AUG 20-DEC 14

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.  
7331005 W 4:10-5:15  
MEETS: AUG 20-DEC 14

LAB ENSMBLE: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 T 12:10-1:00  
MEETS: AUG 20-DEC 14

CONDUCTING I MUSIC 361 2 CREDITS  
Prereq: MUSIC 234, MUSIC 235, MUSIC MAJOR  
STATUS OR PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.  
5507005 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

METHODS MUSIC EDUC MUSIC 366 2 CREDITS  
Prereq: CONCURRENT ENROLLMENT (1 CR) IN MUSIC  
480K AND SP ED 401; MUSIC 266 AND ADMISSION INTO  
TEACHER EDUCATION  
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 A TR 11:00-11:50  
MEETS: AUG 20-DEC 14

## MUSIC

(CONTINUED)

INSTRUM MTHD FOR VO MUSIC 374 1 CREDIT  
Prereq: MUSIC MAJORS WHO ARE ALSO ADMITTED  
TO THE TEACHER EDUCATION PROGRAM  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.  
8763005 F 8:00-8:50  
MEETS: AUG 20-DEC 14

HISTORY OF MUSIC I MUSIC 383 3 CREDITS  
Prereq: MUSIC 120; MUSIC MAJOR STATUS 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 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

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

STUDNT TCH ELEM MUS MUSIC 417R VAR. CREDITS  
Note: COURSE ONLY OFFERED FOR 8 CREDITS FALL 2018.  
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.  
6741005 1 ARRANGED  
MEETS: AUG 20-OCT 12  
6741010 2 ARRANGED  
MEETS: OCT 15-DEC 14

STUDNT TCHG SEC MUS MUSIC 417S VAR. CREDITS  
Note: COURSE ONLY OFFERED FOR 8 CREDITS FALL 2018.  
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.  
6690005 1 ARRANGED  
MEETS: AUG 20-OCT 12  
6690010 2 ARRANGED  
MEETS: OCT 15-DEC 14

## MUSIC

(CONTINUED)

APPLIED MUSIC VOICE MUSIC 419A 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 419B 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 419C 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 419D 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 419E 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 419F 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 419I 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: Applied Music fee \$150.00-\$190.00  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

JR/SENIOR RECITAL MUSIC 420 R CREDIT  
Prereq: ADVANCED PERFORMING ABILITY, PERMISSION  
OF INSTRUCTOR, CONCURRENT REGISTRATION IN MUSIC 319  
OR MUSIC 419  
Note: ADDITIONAL EXPENSES MAY APPLY  
Satisfactory-Fail Only.  
5584005 ARRANGED  
MEETS: AUG 20-DEC 14

SOUND SYNTHES DESGN MUSIC 446 3 CREDITS  
Prereq: MUSIC 246 OR PERMISSION OF INSTRUCTOR  
5524005 M 3:10-4:00  
W 3:10-5:00  
MEETS: AUG 20-DEC 14

CHORAL MATRLS&METHD MUSIC 465 2 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN MUSIC 358A AND  
MUSIC 141, MUSIC 151, OR MUSIC 161  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.  
5526005 TR 3:10-4:00  
MEETS: AUG 20-DEC 14

PGM DEV&EVAL MUS ED MUSIC 466 2 CREDITS  
Prereq: CONTINUATION EXAM PASSED; MUSIC 362,  
MUSIC 366, CONCURRENT ENROLLMENT (1 CR) IN MUSIC 480K  
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
5527005 A TR 10:00-10:50  
MEETS: AUG 20-DEC 14

BAROQUE&CLASSCL ERA MUSIC 473 3 CREDITS  
Prereq: MUSIC 383, MUSIC 384  
5530005 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

EXPERNCE III: MUSIC MUSIC 480K 1 CREDIT  
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
THE INSTRUCTOR.  
Satisfactory-Fail Only.  
7691005 1 ARRANGED  
MEETS: AUG 20-DEC 14

INDEP STDY MUSIC ED MUSIC 490A VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY THEORY MUSIC 490B VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## MUSIC

(CONTINUED)

IND STU COMPOSITION MUSIC 490C VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY MUSIC 490D VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY LITERATURE MUSIC 490E VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY APPL MUSIC MUSIC 490F VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY CONDUCTG MUSIC 490G VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS MUSIC 490H VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN  
UNIVERSITY HONORS PROGRAM  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY  
HONORS PROGRAM ONLY  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRNC M MUSIC 490I VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

SPECIAL TOPICS LIT MUSIC 590E 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**

PRACTICAL WORK EXP NREM 104 R CREDIT  
Satisfactory-Fail Only.  
7263005 ARRANGED  
MEETS: AUG 20-DEC 14

NAT RESOURC ORIENTA NREM 110 1 CREDIT  
Satisfactory-Fail Only.  
1054005 1 R 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO FRESHMEN ONLY

1054010 2 TR 2:10-3:00  
MEETS: AUG 20-OCT 12  
Note: SEC 2 FOR ADULT AND TRANSFER STUDENTS

1054015 3 W 3:10-4:00  
MEETS: AUG 20-DEC 14  
Note: SEC 3 RESTRICTED TO FRESHMEN ONLY



NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NREM LRN CMM SEMINR NREM 111 1 CREDIT  
 Prereq: MEMBER OF THE NREM TRANSITIONS LEARNING COMMUNITY  
 Satisfactory-Fail Only.  
 8032005 1 M 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 8032010 2 R 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 8032015 3 W 12:10-1:00  
 MEETS: AUG 20-DEC 14

INTR RENEW RESOURCS NREM 120 3 CREDITS  
 1297005 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

MGT&NA MODL CONSERV NREM 207 1 CREDIT  
 Note: COURSE RESTRICTED TO A ECL, FOR MAJORS ONLY  
 Satisfactory-Fail Only.  
 4971005 W 6:00-8:00PM  
 ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: THERE WILL BE A REQUIRED WEEKEND FIELD TRIP - DATES TO BE ANNOUNCED.

NAT RESOURC CAREERS NREM 211 1 CREDIT  
 Prereq: SOPHOMORE CLASSIFICATION  
 Satisfactory-Fail Only.  
 4467005 TR 2:10-3:00  
 MEETS: OCT 15-DEC 14

FND NAT R PLCY&HIST NREM 270 3 CREDITS  
 3541005 ARRANGED  
 MEETS: AUG 20-DEC 14

FOREST ECOLGY&SOILS NREM 301 4 CREDITS  
 Prereq: BIOL 211, BIOL 211L; FOR 201 OR A SECOND COURSE IN BIOLOGY  
 3717005 A TR 8:00-9:20  
 T 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

INTERNSHIP NREM 303 1- 3 CREDITS  
 Prereq: PERMISSION OF DEPARTMENT MENTOR, SOPHOMORE STANDING  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR NREM 305 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 1058015 1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 TOPIC: POLLINATION BIOLOGY. OFFERED FOR 3 CREDITS.  
 1058010 2 M 11:00-12:50  
 MEETS: OCT 15-DEC 14  
 Note: SEC 2 OFFERED FOR 1 CREDIT. TOPIC: ALDO LEOPOLD.  
 1058020 3 M 2:10-3:00  
 F 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 OFFERED FOR 3 CREDITS. TOPIC: WILDLIFE CARE  
 1058005 4 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 4 OFFERED FOR 1 CREDIT. TOPIC: WILDLIFE PHOTOGRAPHY.

GENET FOR N RES MGR NREM 315 3 CREDITS  
 Prereq: BIOL 211 AND BIOL 212  
 7686005 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

FIRE ECOLOGY & MGT NREM 390 3 CREDITS  
 3726005 A TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

WATERSHED HYDROLOGY NREM 402 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING  
 5332005 1 MW 11:00-11:50 FRANZ K  
 R 3:10-6:00PM FRANZ K  
 MEETS: AUG 20-DEC 14

GIS&GPS NAT RESOURC NREM 446 3 CREDITS  
 Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS  
 3032005 1 TR 8:00-8:50  
 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 3032010 2 TR 8:00-8:50  
 W 11:00-2:00  
 MEETS: AUG 20-DEC 14

CONTRV NAT RSRC MGT NREM 460 3 CREDITS  
 Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND JUNIOR CLASSIFICATION  
 7598010 B MW 1:10-2:30  
 MEETS: AUG 20-DEC 14  
 7598015 C MW 4:10-5:30  
 MEETS: AUG 20-DEC 14

UNDERGRAD SEMINAR NREM 485 1 CREDIT  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN ECL OR FOR MAJORS, OTHERS BY PERMISSN OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 9930005 F 3:10-4:00  
 MEETS: AUG 20-DEC 14

SURV REMOTE SNS TEC NREM 489 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING  
 9752005 MW 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS WWW LECTURE DELIVERY

SATELL RMT SENS LAB NREM 489L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489 OR NREM 589 OR E E 489 OR E E 589  
 5267005 T 9:00-11:50  
 MEETS: AUG 20-DEC 14

IND STDY ANIMAL ECO NREM 490A 1- 4 CREDITS  
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CREDITS  
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS  
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC NREM 498 1- 3 CREDITS  
 Prereq: PERMISSION OF DEPARTMENT CHAIR  
 Note: Permission of department chair required.  
 Satisfactory-Fail Only.  
 7593005 ARRANGED  
 MEETS: AUG 20-DEC 14

EROSION&SED TRANSP NREM 533 3 CREDITS  
 Prereq: C E 372 OR GEOL 402 OR ENSCI 402 OR MTEOR 402; MATH 266 OR EQUIVALENT  
 3760005 MW 9:00-9:50  
 W 12:10-3:00  
 MEETS: AUG 20-DEC 14

RESTORATION ECOLOGY NREM 535 3 CREDITS  
 Prereq: BIOL 366 OR BIOL 474 OR GRADUATE STANDING  
 1667005 MW 1:10-2:00  
 W 2:10-5:00  
 MEETS: AUG 20-DEC 14

INTRO DNA TECHNIQS NREM 542A 1 CREDIT  
 Satisfactory-Fail Only.  
 3744005 1 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: AUG 21-SEPT 20

INTRO CELL TECHNIQS NREM 542C 1 CREDIT  
 Satisfactory-Fail Only.  
 3777005 1 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: OCT 30-DEC 6

INTR PROTEOMCS TCNQ NREM 542E 1 CREDIT  
 Satisfactory-Fail Only.  
 3810005 1 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: SEPT 25-OCT 25

INTR METABLMCS TCNQ NREM 542F 1 CREDIT  
 Satisfactory-Fail Only.  
 9025005 M 1:10-2:00 PERERA M  
 M 2:10-4:00 PERERA M  
 MEETS: AUG 20-NOV 2

INTEGRATING GIS&GPS NREM 546 3 CREDITS  
 Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE IN ARCGIS  
 3821005 1 TR 8:00-8:50  
 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 3821010 2 TR 8:00-8:50  
 W 11:00-2:00  
 MEETS: AUG 20-DEC 14

RESRCH ORIENTATION NREM 580 2 CREDITS  
 Prereq: 20 CREDITS IN BIOL SCI AND A STAT COURSE  
 7519005 F 9:00-10:50  
 MEETS: AUG 20-DEC 14

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

SURV REMOTE SNS TEC NREM 589 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING  
 9757005 MW 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS WWW LECTURE DELIVERY

SATELL RMT SENS LAB NREM 589L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN MTEOR 489 OR MTEOR 589 OR GEOL 489 OR GEOL 589 OR NREM 489 OR NREM 589 OR E E 489 OR E E 589  
 6449005 T 9:00-11:50  
 MEETS: AUG 20-DEC 14

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 20-DEC 14  
 1106010 2 ARRANGED  
 MEETS: AUG 20-DEC 14  
 1106015 3 ARRANGED  
 MEETS: AUG 20-DEC 14

DOMESTIC TRAVEL NREM 596B 1- 5 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 2606005 1 ARRANGED  
 MEETS: AUG 20-DEC 14  
 2606010 2 ARRANGED  
 MEETS: AUG 20-DEC 14  
 2606015 3 ARRANGED  
 MEETS: AUG 20-DEC 14  
 2606020 4 ARRANGED  
 MEETS: AUG 20-DEC 14  
 2606025 5 ARRANGED  
 MEETS: AUG 20-DEC 14

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 ARRANGED  
 MEETS: AUG 20-DEC 14

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 A MWF 8:00-8:50  
 TR 4:10-5:30  
 MEETS: AUG 20-DEC 14

LEADERSHIP&MANAGEMT N S 220 3 CREDITS  
 Note: THE TUESDAY AND THURSDAY AFTERNOON LABS ARE NOT REQUIRED OF NON-ROTC PROGRAM STUDENTS  
 5731005 A MWF 10:00-10:50  
 TR 4:10-5:30  
 MEETS: AUG 20-DEC 14

NAVAL SHIP SYSTMS I N S 320 3 CREDITS  
 Prereq: PHYS 221, SOPHOMORE CLASSIFICATION  
 Note: THE TUESDAY AND THURSDAY AFTERNOON LABS ARE NOT REQUIRED OF NON-ROTC PROGRAM STUDENTS.  
 COURSE NOT OPEN TO FRESHMEN.  
 5687005 A MWF 9:00-9:50  
 TR 4:10-5:30  
 MEETS: AUG 20-DEC 14  
 Note: SEC A FOR NROTC STUDENTS ONLY  
 5687010 B MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC B IS FOR NON-NROTC STUDENTS.  
 NROTC STUDENTS SHOULD REGISTER FOR SECTION A.

NAVAL SCIENCE (CONTINUED)

NAVAL OPER&SEAMNSHP N S 410 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 Note: THE TUESDAY AND THURSDAY AFTERNOON LABS ARE NOT REQUIRED OF NON-ROTC PROGRAM STUDENTS  
 5721005 A TR 9:30-10:45  
 TR 4:10-5:30  
 MEETS: AUG 20-DEC 14

SENIOR N S SEMINAR N S 440 1 CREDIT  
 Prereq: SENIOR CLASSIFICATION  
 Note: COURSE RESTRICTED TO SENIORS GRADUATING FALL 2018  
 Satisfactory-Fail Only.  
 4061005 ARRANGED  
 MEETS: AUG 20-DEC 14

**NEUROSCIENCE**

CELL,M&DEV NEUROSCI NEURO 556 3 CREDITS  
 Prereq: BIOL 335 OR BIOL 436. PHYSICS RECOMMENDED  
 8551005 A TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

NEUROSCI JOURNL CLB NEURO 690 1 CREDIT  
 Prereq: NEURO 556  
 8554005 ARRANGED  
 MEETS: AUG 20-DEC 14

NEUROSCIENCE SEMINR NEURO 696 1 CREDIT  
 Prereq: NEURO 556  
 8555005 ARRANGED  
 MEETS: AUG 20-DEC 14

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

**NUCLEAR ENGINEERING**

NUCLR RAD THRY&ENGR NUC E 401 3 CREDITS  
 Prereq: PHYS 222, MATH 266 OR MATH 267  
 7741005 A MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

NUC CRITICALTY SAFTY NUC E 421 3 CREDITS  
 Prereq: NUC E 401  
 9400005 A MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY NUC E 490 1- 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**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  
 MEETS: AUG 20-DEC 14

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT  
 Satisfactory-Fail Only.  
 8628005 1 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: AUG 21-SEPT 20  
 BAKER M  
 BAKER M

INTRO CELL TECHNIQS NUTRS 542C 1 CREDIT  
 Satisfactory-Fail Only.  
 8633005 1 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: OCT 30-DEC 6  
 BAKER M  
 BAKER M

INTR PROTEOMCS TCNQ NUTRS 542E 1 CREDIT  
 Satisfactory-Fail Only.  
 8645005 1 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: SEPT 25-OCT 25  
 BAKER M  
 BAKER M

INTR METABLMCS TCNQ NUTRS 542F 1 CREDIT  
 Satisfactory-Fail Only.  
 9030005 M 1:10-2:00  
 M 2:10-4:00  
 MEETS: AUG 20-NOV 2

ADV VERTB PHYSIOL I NUTRS 549 4 CREDITS  
 Prereq: BIOL 335, CREDIT OR ENROLLMENT IN BBMB 404 OR BBMB 420  
 3819005 TR 8:00-9:50  
 MEETS: AUG 20-DEC 14

## NUTRITIONAL SCIENCES

(CONTINUED)

GLOBAL NUTRITION NUTRS 560 3 CREDITS  
Prereq: FS HN 361 OR EQUIVALENT; SENIOR OR  
GRADUATE STANDING  
6818005 MW 2:10-3:30  
MEETS: AUG 20-DEC 14

MED NUTRIT&DISEAS I NUTRS 561 4 CREDITS  
Prereq: FS HN 360, FS HN 361, FS HN 367,  
BIOL 256 AND 256L OR BIOL 306 OR BIOL 335  
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 20-DEC 14

COMMUNITY NUTRITION NUTRS 563 3 CREDITS  
Prereq: FS HN 265 OR FS HN 360; FS HN 366  
RECOMMENDED  
7794005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

ADV NUTRI--PROTEIN NUTRS 619 2 CREDITS  
Prereq: BMB 405  
Note: Instructor permission required 1st week.  
5596005 1 ARRANGED  
MEETS: AUG 20-DEC 14

ADV NUTRI--ENERGY NUTRS 620 2 CREDITS  
Prereq: BMB 405  
Note: Instructor permission required 1st week.  
3766005 1 T 2:10-4:00  
MEETS: AUG 20-DEC 14

MODERN VIEWS NUTRIT NUTRS 680 R CREDIT  
7814005 W 12:10-1:00  
MEETS: AUG 20-DEC 14  
7814010 2 ARRANGED  
MEETS: AUG 20-DEC 14

SPECIAL PROBLEMS NUTRS 690 VAR. CREDITS  
6201005 ARRANGED  
MEETS: AUG 20-DEC 14

GRANT PROPOSAL WRIT NUTRS 695 1 CREDIT  
Prereq: 3 CREDITS OF GRADUATE COURSE WORK IN  
FOOD SCIENCE AND/OR NUTRITION  
8561005 1 R 11:00-11:50  
MEETS: AUG 20-DEC 14

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 ARRANGED  
MEETS: AUG 20-DEC 14

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS  
7544005 ARRANGED  
MEETS: AUG 20-DEC 14

**PERFORMING ARTS**

ISSUES PERFORM ARTS PERF 105 R CREDIT  
Satisfactory-Fail Only.  
3673005 R 4:10-5:30  
MEETS: AUG 20-DEC 14

PERFORM ARTS INTERN PERF 310 R CREDIT  
Satisfactory-Fail Only.  
3677005 ARRANGED  
MEETS: AUG 20-DEC 14

PERFRM ARTS SEMINAR PERF 401 2 CREDITS  
3706005 ARRANGED  
MEETS: AUG 20-DEC 14

**PHILOSOPHY**

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS  
5824005 A MWF 10:00-10:50 BUTLER A  
MEETS: AUG 20-DEC 14  
5824010 B MWF 10:00-10:50 ALEXANDER D  
MEETS: AUG 20-DEC 14  
5824015 C MWF 11:00-11:50 ALEXANDER D  
MEETS: AUG 20-DEC 14  
5824020 D MWF 11:00-11:50 BUTLER A  
MEETS: AUG 20-DEC 14

INTR LOGIC&SCI REAS PHIL 206 3 CREDITS  
5825005 A MWF 11:00-11:50 BIGGS S  
MEETS: AUG 20-DEC 14  
5825010 B MWF 1:10-2:00 BIGGS S  
MEETS: AUG 20-DEC 14

## PHILOSOPHY

(CONTINUED)

INTR SYMBOLIC LOGIC PHIL 207 3 CREDITS  
5826005 TR 11:00-12:20 DOSANJH R  
MEETS: AUG 20-DEC 14

MORAL THEOR&PRCTICE PHIL 230 3 CREDITS  
5827005 A MWF 3:10-4:00 PADGETT-WALSH C  
MEETS: AUG 20-DEC 14  
Note: SEC A RESTRICTED TO BUS COLLEGE MAJORS  
5827010 B TR 9:30-10:50 HOBSON K  
MEETS: AUG 20-DEC 14  
Note: SEC B RESTRICTED TO BUS COLLEGE MAJORS  
5827015 C MWF 11:00-11:50 BUTLER T  
MEETS: AUG 20-DEC 14  
Note: SEC C RESTRICTED TO BUS COLLEGE MAJORS  
5827020 D TR 11:00-12:15 HOBSON K  
MEETS: AUG 20-DEC 14  
Note: SEC D RESTRICTED TO BUS COLLEGE MAJORS  
5827025 E MWF 2:10-3:00 PADGETT-WALSH C  
MEETS: AUG 20-DEC 14  
Note: SEC E RESTRICTED TO BUS COLLEGE MAJORS  
5827030 F TR 11:00-12:15 HOLMGREN M  
MEETS: AUG 20-DEC 14  
5827035 G TR 2:10-3:25 HOBSON K  
MEETS: AUG 20-DEC 14  
Note: SEC G RESTRICTED TO BUS COLLEGE MAJORS  
5827040 J TR 9:30-10:45 HOLMGREN M  
MEETS: AUG 20-DEC 14  
5827045 K MWF 11:00-11:50 PADGETT-WALSH K  
MEETS: AUG 20-DEC 14  
5827050 L MWF 12:10-1:00 BUTLER T  
MEETS: AUG 20-DEC 14  
Note: SEC L RESTRICTED TO BUS COLLEGE MAJORS  
5827055 M MWF 9:00-9:50 KUPFER J  
MEETS: AUG 20-DEC 14  
5827060 N MWF 2:10-3:00 KUPFER J  
MEETS: AUG 20-DEC 14  
5827065 P MWF 10:00-10:50 PADGETT-WALSH K  
MEETS: AUG 20-DEC 14

ETH ISS DIVERSE SOC PHIL 235 3 CREDITS  
Note: Meets U.S. diversity reqmt  
4962005 A MWF 11:00-11:50 PADGETT-WALSH C  
MEETS: AUG 20-DEC 14

ANCIENT PHILOSOPHY PHIL 310 3 CREDITS  
Prereq: PHIL 201  
5830005 MWF 9:00-9:50 BUTLER T  
MEETS: AUG 20-DEC 14

ETHICAL THEORY PHIL 330 3 CREDITS  
Prereq: PHIL 201 OR PHIL 230  
9628005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

ENVIRONMNTAL ETHICS PHIL 334 3 CREDITS  
Prereq: 3 CR IN PHIL OR JR CLASSIFICATION  
3722005 TR 9:30-10:45  
MEETS: AUG 20-DEC 14

FEMINIST PHILOSOPHY PHIL 338 3 CREDITS  
Prereq: 3 CR IN PHIL OR WOMEN'S STUDIES RECOMMND  
Note: Meets U.S. diversity reqmt  
4682005 W 3:10-5:40  
MEETS: AUG 20-DEC 14

AESTHETICS PHIL 340 3 CREDITS  
Prereq: PHIL 201 OR PHIL 230  
5838005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

TRUTH,BELIEF&REASON PHIL 366 3 CREDITS  
Prereq: 6 CREDITS IN PHILOSOPHY INCLUDING  
PHIL 201, OR PERMISSION OF INSTRUCTOR  
6256005 A MWF 1:10-2:00 ALEXANDER D  
MEETS: AUG 20-DEC 14

AGENCY & FREE WILL PHIL 450 3 CREDITS  
Prereq: 3 CREDITS IN PHIL; PHIL 207 STRONGLY  
ENCOURAGED  
4464005 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

BRAINS,MINDS&CMPTRS PHIL 465 3 CREDITS  
Prereq: 6 CREDITS IN PHILOSOPHY  
5845005 M 4:10-6:40PM BIGGS S  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY PHIL 490 1- 4 CREDITS  
Prereq: 6 CREDITS IN PHIL, PERMISSION OF  
INSTRUCTOR; APPROVAL OF CHAIR  
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 INSTR,  
APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM  
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

PHILOSOPHY

(CONTINUED)

GRADUATING SR SURVEY PHIL 492 R CREDIT  
 Note: COURSE RESTRICTED TO PHIL SENIORS GRADUATING  
 FALL 2016  
 Satisfactory-Fail Only.  
 3891005 ARRANGED  
 MEETS: AUG 20-DEC 14

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 5850005 ARRANGED  
 MEETS: AUG 20-DEC 14

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 5851005 ARRANGED  
 MEETS: AUG 20-DEC 14

SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 Note: Instructor permission required.  
 5852005 ARRANGED  
 MEETS: AUG 20-DEC 14

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 5853005 ARRANGED  
 MEETS: AUG 20-DEC 14

PHYSICS

INTRO PHYSICS PREP PHYS 50 0 CREDITS  
 Prereq: 1 YEAR HIGH SCHOOL ALGEBRA  
 1282005 1 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 1282010 2 TR 3:40-5:00  
 WF 4:10-5:00  
 MEETS: OCT 15-DEC 14

PHYS FOR NON-SCIENT PHYS 101 3 CREDITS  
 5855005 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

PHYSCL SC FOR EL ED PHYS 102L 3 CREDITS  
 Prereq: MATH 195 OR MATH 140  
 8651005 1 M 3:10-4:00  
 TR 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 8651010 2 M 3:10-4:00  
 TR 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 8651015 3 M 3:10-4:00  
 TR 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 8651020 4 M 3:10-4:00  
 TR 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 8651025 5 M 3:10-4:00  
 TR 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 8651030 6 T 3:40-4:30  
 WF 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 8651035 7 T 3:40-4:30  
 WF 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 8651040 8 T 3:40-4:30  
 WF 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 8651045 9 T 3:40-4:30  
 WF 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 8651050 10 T 3:40-4:30  
 WF 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

GENERAL PHYSICS PHYS 111 5 CREDITS  
 Prereq: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF  
 GEOMETRY, 1 SEMESTER OF TRIGONOMETRY  
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION  
 FIRST AND THEN LETTERED 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)

5857205 1 TR 9:30-10:50  
 F 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5857210 2 TR 9:30-10:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5857215 3 TR 9:30-10:50  
 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5857220 4 TR 9:30-10:50  
 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5857225 5 TR 9:30-10:50  
 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5857230 6 TR 9:30-10:50  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14

PHYSICS

(CONTINUED)

GENERAL PHYSICS PHYS 111 5 CREDITS  
 5857235 7 TR 9:30-10:50  
 F 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5857245 8 TR 9:30-10:50  
 F 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5857246 9 TR 9:30-10:50  
 F 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 5857250 10 TR 11:00-12:20  
 F 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5857255 11 TR 11:00-12:20  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5857260 12 TR 11:00-12:20  
 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5857265 13 TR 11:00-12:20  
 F 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5857270 14 TR 11:00-12:20  
 F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5857275 15 TR 11:00-12:20  
 F 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5857280 16 TR 11:00-12:20  
 F 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5857285 17 TR 11:00-12:20  
 F 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5857070 A M 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5857075 B M 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5857080 C M 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5857085 D M 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5857090 E M 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5857100 G T 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 5857105 H T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5857110 J T 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5857115 K T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5857120 L W 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5857125 M W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5857130 N W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5857135 P W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5857140 Q W 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5857145 R R 9:00-10:50  
 MEETS: AUG 20-DEC 14  
 5857150 T R 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5857155 U R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5857160 V R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5857165 W M 6:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 5857175 X W 6:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 5857170 LW ARRANGED  
 MEETS: AUG 20-DEC 14

Note: SEC LW IS ONLY FOR STUDENTS WHO ALREADY  
 COMPLETED THIS COURSE'S LABS IN THE PAST. STUDENTS  
 MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN THE  
 FIRST WEEK OF CLASSES.

GENERAL PHYSICS PHYS 112 5 CREDITS

Prereq: PHYS 111  
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION  
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T  
 REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP  
 THE COURSE DUE TO INCOMPLETE REGISTRATION.

5858005 1 MWF 12:10-1:00  
 R 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5858010 2 MWF 12:10-1:00  
 R 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5858015 3 MWF 12:10-1:00  
 R 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5858020 4 MWF 12:10-1:00  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5858022 5 MWF 12:10-1:00  
 R 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5858023 6 MWF 12:10-1:00  
 R 1:10-2:00  
 MEETS: AUG 20-DEC 14

PHYSICS

(CONTINUED)

PHYSICS

(CONTINUED)

GENERAL PHYSICS PHYS 112 5 CREDITS  
 5858024 7 MWF 12:10-1:00  
 R 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5858026 8 MWF 12:10-1:00  
 R 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5858025 A T 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5858030 B T 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5858035 C T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5858040 D T 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5858045 E T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5858050 F W 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5858055 G W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5858060 H W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5858080 LW ARRANGED  
 MEETS: AUG 20-DEC 14

Note: SEC LW IS ONLY FOR STUDENTS WHO ALREADY COMPLETED THIS COURSE'S LABS IN THE PAST. STUDENTS MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN THE FIRST WEEK OF CLASSES.

PHYSICS FOR LIFE SCI PHYS 115 4 CREDITS  
 Prereq: 1 1/2 YRS HIGH SCHOOL ALGEBRA, 1 YEAR H.S. GEOMETRY, 1 SEMESTER H.S. TRIGONOMETRY  
 9212005 1 TR 2:10-3:30  
 W 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 9212010 2 TR 2:10-3:30  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 9212015 3 TR 2:10-3:30  
 W 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 9212020 4 TR 2:10-3:30  
 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 9212025 5 TR 2:10-3:30  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 9212030 6 TR 2:10-3:30  
 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 9212035 7 TR 2:10-3:30  
 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 9212040 8 TR 2:10-3:30  
 W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 9212045 9 TR 2:10-3:30  
 W 2:10-3:00  
 MEETS: AUG 20-DEC 14

LAB PHYS FOR LF SCI PHYS 115L 1 CREDIT  
 9252005 A T 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 9252010 B T 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 9252015 C T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 9252020 D W 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: DO NOT ENROLL IN A WEDNESDAY DISCUSSION (ON PHYS 115 SEC 1-8) THAT MEETS AT THE SAME TIME AS THIS LAB  
 9252025 E W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: DO NOT ENROLL IN A WEDNESDAY DISCUSSION (ON PHYS 115 SEC 1-8) THAT MEETS AT THE SAME TIME AS THIS LAB  
 9252030 F W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: DO NOT ENROLL IN A WEDNESDAY DISCUSSION (ON PHYS 115 SEC 1-8) THAT MEETS AT THE SAME TIME AS THIS LAB

PHYSICS OF MUSIC PHYS 198 3 CREDITS  
 5859005 1 TR 11:00-11:50  
 R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5859010 2 TR 11:00-11:50  
 R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5859015 3 TR 11:00-11:50  
 F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5859020 4 TR 11:00-11:50  
 F 12:10-2:00  
 MEETS: AUG 20-DEC 14

INTRODUCTORY SEMINAR PHYS 199 R CREDIT  
 Satisfactory-Fail Only.  
 7305005 T 3:10-5:00  
 W 4:10-5:00  
 MEETS: AUG 20-DEC 14

INTR CLASSCL PHYS I PHYS 221 5 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MATH 166  
 Note: 2-PART COURSE. ALL STUDENTS MUST REGISTER FOR A NUMBERED SECTION (LECTURE) & LETTERED SECTION (LAB) STUDENTS WHO ARE REPEATING PHYS 221 SHOULD REGISTER FOR THE LW (LAB WAIVER) SECTION.  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5861005 1 MWF 8:00-8:50  
 TR 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5861010 2 MWF 8:00-8:50  
 TR 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5861015 3 MWF 8:00-8:50  
 TR 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5861020 4 MWF 8:00-8:50  
 TR 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5861025 5 MWF 8:00-8:50  
 TR 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5861030 6 MWF 8:00-8:50  
 TR 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5861035 7 MWF 8:00-8:50  
 TR 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5861040 8 MWF 8:00-8:50  
 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5861045 9 MWF 8:00-8:50  
 TR 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 5861070 10 MWF 9:00-9:50  
 TR 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5861075 11 MWF 9:00-9:50  
 TR 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5861080 12 MWF 9:00-9:50  
 TR 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5861085 13 MWF 9:00-9:50  
 TR 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5861090 14 MWF 9:00-9:50  
 TR 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5861095 15 MWF 9:00-9:50  
 TR 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5861100 16 MWF 9:00-9:50  
 TR 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5861105 17 MWF 9:00-9:50  
 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5861110 18 MWF 9:00-9:50  
 TR 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 5861115 20 MWF 10:00-10:50  
 TR 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5861120 21 MWF 10:00-10:50  
 TR 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5861125 22 MWF 10:00-10:50  
 TR 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5861130 23 MWF 10:00-10:50  
 TR 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5861135 24 MWF 10:00-10:50  
 TR 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 24 RESTRICTED TO PHYSICS MAJORS ONLY  
 5861140 25 MWF 10:00-10:50  
 TR 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5861145 26 MWF 10:00-10:50  
 TR 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5861150 27 MWF 10:00-10:50  
 TR 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5861155 28 MWF 10:00-10:50  
 TR 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 5861200 A M 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5861205 B M 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5861210 C M 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5861215 D M 2:10-4:00  
 MEETS: AUG 20-DEC 14

PHYSICS

(CONTINUED)

INTR CLASSCL PHYS I PHYS 221 5 CREDITS  
 5861220 E M 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5861225 F T 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5861230 G T 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5861240 J T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5861245 K T 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5861250 L T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5861255 M W 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5861260 N W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5861265 P W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5861270 Q W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5861275 R W 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5861280 T W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5861285 U W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC U RESTRICTED TO PHYSICS MAJORS ONLY  
 5861290 V W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5861295 W W 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5861300 X R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC X LAB DOES NOT MEET DURING THE SAME WEEKS  
 AS THURSDAY DISCUSSIONS (ON SEC 1-38) SO WHAT APPEARS  
 TO BE A POTENTIAL SCHEDULE CONFLICT IS NOT  
 5861305 Y R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC Y LAB DOES NOT MEET DURING THE SAME WEEKS  
 AS THURSDAY DISCUSSIONS (ON SEC 1-38) SO WHAT APPEARS  
 TO BE A POTENTIAL SCHEDULE CONFLICT IS NOT  
 5861310 Z R 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC Z LAB DOES NOT MEET DURING THE SAME WEEKS  
 AS THURSDAY DISCUSSIONS (ON SEC 1-38) SO WHAT APPEARS  
 TO BE A POTENTIAL SCHEDULE CONFLICT IS NOT  
 5861315 AA R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC AA LAB DOES NOT MEET DURING THE SAME WEEKS  
 AS THURSDAY DISCUSSIONS (ON SEC 1-38) SO WHAT APPEARS  
 TO BE A POTENTIAL SCHEDULE CONFLICT IS NOT  
 5861320 BB R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Note: SEC BB LAB DOES NOT MEET DURING THE SAME WEEKS  
 AS THURSDAY DISCUSSIONS (ON SEC 1-38) SO WHAT APPEARS  
 TO BE A POTENTIAL SCHEDULE CONFLICT IS NOT  
 5861325 CC R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: DO NOT ENROLL IN A THURSDAY DISCUSSION (ON  
 SEC 1-38) THAT MEETS AT THE SAME TIME AS THIS LAB  
 5861330 DD R 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: DO NOT ENROLL IN A THURSDAY DISCUSSION (ON  
 SEC 1-38) THAT MEETS AT THE SAME TIME AS THIS LAB  
 5861335 EE T 6:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 5861345 FF F 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5861350 GG F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5861360 JJ F 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5861365 KK F 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5861370 LL M 6:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 5861340 LW ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC LW IS ONLY FOR STUDENTS WHO ALREADY  
 COMPLETED THIS COURSE'S LABS IN THE PAST. STUDENTS  
 MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN THE  
 FIRST WEEK OF CLASSES.

HONORS-CLASSIC PH I PHYS 221H 5 CREDITS  
 Prereq: PROFICIENCY IN ALGEBRA, TRIGONOMETRY,  
 VECTOR MANIPULATION, AND TOPICS COVERED IN MATH 165.  
 CREDIT OR ENROLLMENT IN MATH 166.  
 Note: 2-PART COURSE. REGISTER FOR THE LECTURE SEC  
 (SEC H1) FIRST AND THEN THE LAB SECTION (SEC  
 HA). STUDENTS WHO DON'T REGISTER FOR BOTH THE LECTURE  
 AND THE LAB SHOULD DROP THE COURSE DUE TO  
 INCOMPLETE REGISTRATION. COURSE RESTRICTED TO MEMBERS  
 OF THE UNIVERSITY HONORS PROGRAM.  
 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).  
 5862005 H1 MWF 10:00-10:50  
 TR 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: THE THURSDAY DISCUSSION MEETS ALTERNATE WEEKS  
 5862010 HA W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: LAB DOES NOT MEET EVERY WEEK

PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 222 5 CREDITS  
 Prereq: PHYS 221 OR PHYS 241, MATH 166  
 Note: 2-PART COURSE. ALL STUDENTS MUST REGISTER FOR  
 A NUMBERED SEC (LECTURE) & LETTERED SEC (LAB)  
 STUDENTS WHO ARE REPEATING PHYS 222 SHOULD REGISTER  
 FOR THE LW (LAB WAIVER) SEC.  
 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).  
 5863005 1 MWF 1:10-2:00  
 T 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5863010 2 MWF 1:10-2:00  
 T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5863015 3 MWF 1:10-2:00  
 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5863020 4 MWF 1:10-2:00  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5863025 5 MWF 1:10-2:00  
 T 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5863030 6 MWF 1:10-2:00  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5863035 7 MWF 1:10-2:00  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5863040 8 MWF 1:10-2:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5863045 9 MWF 1:10-2:00  
 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 5863065 10 MWF 1:10-2:00  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC 10 RESTRICTED TO PHYSICS MAJORS ONLY  
 5863090 15 MWF 2:10-3:00  
 T 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5863095 16 MWF 2:10-3:00  
 T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5863100 17 MWF 2:10-3:00  
 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5863105 18 MWF 2:10-3:00  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5863118 19 MWF 2:10-3:00  
 T 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5863110 20 MWF 2:10-3:00  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5863115 21 MWF 2:10-3:00  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5863120 22 MWF 2:10-3:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5863125 23 MWF 2:10-3:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 23 RESTRICTED TO PHYSICS MAJORS ONLY  
 5863130 24 MWF 2:10-3:00  
 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 5863154 30 MWF 3:10-4:00  
 T 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 5863155 31 MWF 3:10-4:00  
 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5863160 32 MWF 3:10-4:00  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5863165 33 MWF 3:10-4:00  
 T 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5863170 34 MWF 3:10-4:00  
 T 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5863175 35 MWF 3:10-4:00  
 T 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5863180 36 MWF 3:10-4:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5863185 37 MWF 3:10-4:00  
 T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 5863190 38 MWF 3:10-4:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5863200 A T 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5863205 B T 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5863210 C T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5863215 D T 2:10-4:00  
 MEETS: AUG 20-DEC 14

PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 222 5 CREDITS  
 5863220 E T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5863225 F W 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5863230 G W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5863235 J W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5863240 K W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5863245 L W 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5863250 M R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5863255 N R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5863260 P R 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5863265 Q R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC Q RESTRICTED TO PHYSICS MAJORS ONLY  
 5863270 R R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5863275 T F 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5863280 U T 6:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 5863285 V W 6:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 5863290 W R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC W RESTRICTED TO PHYSICS MAJORS ONLY  
 5863295 X W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC X RESTRICTED TO PHYSICS MAJORS ONLY  
 5863300 Y F 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5863305 Z F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5863310 AA F 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 5863315 BB F 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5863320 LW ARRANGED  
 MEETS: AUG 20-DEC 14

Note: SEC LW IS ONLY FOR STUDENTS WHO ALREADY COMPLETED THIS COURSE'S LABS IN THE PAST. STUDENTS MUST APPLY FOR LAB WAIVER ON BLACKBOARD IN THE FIRST WEEK OF CLASSES.

HONORS-CLASS PHY II PHYS 222H 5 CREDITS

Prereq: PHYS 221 OR PHYS 241, MATH 166.  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC FIRST (NUMBERED SEC H1 OR H2) AND THEN A LAB SEC (LETTERED SEC HA OR HB). STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE SHOULD DROP THE COURSE DUE TO INCOMPLETE REGISTRATION. RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM.

Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/students/exams/night-exams>.

5864005 H1 MWF 1:10-2:00  
 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5864010 H2 MWF 2:10-3:00  
 T 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5864025 HA W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5864030 HB R 2:10-4:00  
 MEETS: AUG 20-DEC 14

PRIN&SYMME CLS PH I PHYS 241 5 CREDITS

Prereq: CREDIT OR ENROLLMENT IN MATH 166 OR 166H  
 Note: 2-PART COURSE. REGISTER FOR A LECTURE SEC (NUMBERED SEC 1-3) FIRST AND THEN A LAB SEC (LETTERED SEC A-C). 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 20-DEC 14  
 5994010 2 MWF 1:10-2:00  
 TR 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5994015 A R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5994020 B R 2:10-4:00  
 MEETS: AUG 20-DEC 14

PHYSICS

(CONTINUED)

PRIN&SYMME CLS PH I PHYS 241H 5 CREDITS  
 Prereq: PROFICIENCY IN ALGEBRA, TRIGONOMETRY, VECTOR MANIPULATION, AND TOPICS COVERED IN MATH 165. CREDIT OR 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-C). 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 20-DEC 14  
 9402010 2 MWF 1:10-2:00  
 TR 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 9402015 A R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 9402020 B R 2:10-4:00  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY PHYS 290 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN PHYS 298 R CREDIT  
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION  
 4737005 ARRANGED  
 MEETS: AUG 20-DEC 14

THERMAL PHYSICS PHYS 304 3 CREDITS  
 Prereq: PHYS 222, MATH 266  
 5870005 A TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

ELEC INSTRUMENTATN PHYS 310 4 CREDITS  
 Prereq: PHYS 222, MATH 166  
 8182005 TR 11:00-11:50  
 TR 2:10-4:00  
 MEETS: AUG 20-DEC 14

INTR MODRN PHYSCS I PHYS 321 3 CREDITS  
 Prereq: PHYS 222, CREDIT OR ENROLLMENT IN MATH 266  
 5874005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

INTR MOD PHYS LAB I PHYS 321L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN PHYS 321

5875005 A M 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5875010 B T 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5875015 C W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5875020 D R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 5875025 E T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5875030 F R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 5875035 G M 12:10-2:00  
 MEETS: AUG 20-DEC 14

INTERMED MECHANICS PHYS 362 3 CREDITS  
 Prereq: PHYS 361  
 5881005 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

ELECTR & MAGNETSM I PHYS 364 3 CREDITS  
 Prereq: PHYS 222  
 5882005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN PHYS 398 R CREDIT  
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
 4745005 ARRANGED  
 MEETS: AUG 20-DEC 14

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 5886005 ARRANGED  
 MEETS: AUG 20-DEC 14

ULTRFAST LASER&SPCT PHYS 421 3 CREDITS  
 Prereq: PHYS 321, PHYS 365, OR EQUIVALENT WITH PERMISSION OF INSTRUCTOR  
 9359005 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

UNDERGRAD RESEARCH PHYS 450 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PHYSICS

(CONTINUED)

UNDERGRAD RESEARCH PHYS 450L 1- 6 CREDITS  
Prereq: PHYS 311, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PHYS OF BIOMOLECULE PHYS 461 3 CREDITS  
Prereq: PHYS 304 OR CHEM 325, BBMB 301, OR  
PERMISSION OF INSTRUCTOR  
9424005 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

APPLIED PHYSICS LAB PHYS 470L 2- 5 CREDITS  
Prereq: PHYS 322 AND PERMISSION OF INSTRUCTOR  
3161005 ARRANGED  
MEETS: AUG 20-DEC 14

QUANTUM MECHANICS I PHYS 480 3 CREDITS  
Prereq: PHYS 322, MATH 385  
5890005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS  
Prereq: 6 CREDITS IN PHYS, PERMISSN 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, PERMISSN OF INSTRUCTOR  
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
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

ORAL COMM PHYS SEMN PHYS 501 1 CREDIT  
Satisfactory-Fail Only.  
7408005 A T 2:10-3:00  
MEETS: AUG 20-DEC 14

INTRO RESRCH SEMINR PHYS 502 R CREDIT  
Satisfactory-Fail Only.  
2189005 R 3:10-5:00  
MEETS: AUG 20-DEC 14

CONDENSED MATTER I PHYS 511 3 CREDITS  
Prereq: PHYS 304, CREDIT OR ENROLLMENT IN PHYS  
481  
5896005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

ULTRFAST LASER&SPCT PHYS 521 3 CREDITS  
Prereq: PHYS 321, PHYS 365, OR EQUIVALENT WITH  
PERMISSION OF INSTRUCTOR  
9358005 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

PARTICLE&NUCLR PHYS PHYS 526 4 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN PHYS 481  
5905005 MWF 2:10-3:30  
MEETS: AUG 20-DEC 14

MATH METHD PHYS SCI PHYS 528 3 CREDITS  
Prereq: MATH 266 OR MATH 267  
5899005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

GROUP THEORY APPLIC PHYS 534 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN PHYS 481  
5098005 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

SEMICONDUCTR PHYSICS PHYS 535 4 CREDITS  
Prereq: E E 311, E E 332  
5903005 A MT 6:10-7:30PM  
ARRANGED  
MEETS: AUG 20-DEC 14

GENERAL RELATIVITY PHYS 541 3 CREDITS  
Prereq: PHYS 362, MATH 307 OR MATH 317  
5906005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

PHYS OF BIOMOLECULE PHYS 561 3 CREDITS  
Prereq: PHYS 304 OR CHEM 325, BBMB 301, OR  
PERMISSION OF INSTRUCTOR; GRAD STUDENT CLASSIFICATION  
IN SCI/ENGR  
9421005 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

ADV ELECT & MAGNET I PHYS 571 3 CREDITS  
Prereq: PHYS 365, MATH 426  
5908005 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5910005 ARRANGED  
MEETS: AUG 20-DEC 14

## PHYSICS

(CONTINUED)

SPL TOP COND MATTER PHYS 590B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5911005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1 OFFERED FOR 3 CREDITS

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5912005 ARRANGED  
MEETS: AUG 20-DEC 14

SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5913005 ARRANGED  
MEETS: AUG 20-DEC 14

SPL TOPCS APPL PHYS PHYS 590E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5914005 ARRANGED  
MEETS: AUG 20-DEC 14

QUANTUM PHYSICS I PHYS 591 4 CREDITS  
Prereq: PHYS 481  
5915005 1 MF 10:00-10:50  
W 9:00-10:50  
MEETS: AUG 20-DEC 14

CREATIVE COMPONENT PHYS 599 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PH STRONG INTERACTN PHYS 625 3 CREDITS  
Prereq: PHYS 681  
3150005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

ELEM PARTICLE PH II PHYS 638 3 CREDITS  
Prereq: PHYS 637  
5922005 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

ADV SEMINAR NUCLEAR PHYS 650A 1 CREDIT  
Satisfactory-Fail Only.  
5923005 R 4:10-6:00PM  
MEETS: AUG 20-DEC 14

ADV SEM COND MATTER PHYS 650B 1 CREDIT  
Satisfactory-Fail Only.  
5924005 R 4:10-6:00PM  
MEETS: AUG 20-DEC 14

ADV SEM HIGH ENERGY PHYS 650C 1 CREDIT  
Satisfactory-Fail Only.  
5925005 W 4:10-6:00PM  
MEETS: AUG 20-DEC 14

ADV SEMINAR PHYSICS PHYS 650D 1 CREDIT  
Satisfactory-Fail Only.  
5926005 F 12:10-1:00  
MEETS: AUG 20-DEC 14

ADV SEMINAR APPLIED PHYS 650E 1 CREDIT  
Satisfactory-Fail Only.  
5927005 ARRANGED  
MEETS: AUG 20-DEC 14

ADV SEMINAR BIOPHYS PHYS 650F 1 CREDIT  
Satisfactory-Fail Only.  
6583005 M 4:10-6:00PM  
MEETS: AUG 20-DEC 14

ADV TOP COND MATTER PHYS 660B 1- 3 CREDITS  
5929005 ARRANGED  
MEETS: AUG 20-DEC 14

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CREDITS  
5930005 ARRANGED  
MEETS: AUG 20-DEC 14

ADV TOPICS PHYSICS PHYS 660D 1- 3 CREDITS  
5931005 ARRANGED  
MEETS: AUG 20-DEC 14

ADV TOPICS APPLIED PHYS 660E 1- 3 CREDITS  
5932005 ARRANGED  
MEETS: AUG 20-DEC 14

QUANTUM FLD THEOR I PHYS 681 3 CREDITS  
Prereq: PHYS 564, PHYS 572, PHYS 592  
5935005 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

RESEARCH PHYS 699 VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION REQUIRED  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



**PLANT BIOLOGY**

- PLANT METABOLISM PLBIO 513 2 CREDITS  
Prereq: BIOL 330, PHYS 111, CHEM 331; ONE SEMESTER OF BIOCHEMISTRY RECOMMENDED  
6806005 TR 12:40-1:30  
MEETS: AUG 20-DEC 14
- RESEARCH SEMINAR PLBIO 696 1 CREDIT  
Satisfactory-Fail Only.  
8828005 W 4:10-5:30  
MEETS: AUG 20-DEC 14
- 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: 8 CREDITS IN LIFE SCIENCES, INCLUDING BIOL 211  
3898005 1 TR 11:00-11:50  
R 12:10-2:00  
MEETS: AUG 20-DEC 14
- 3898010 2 TR 11:00-11:50  
R 2:10-4:00  
MEETS: AUG 20-DEC 14
- 3898015 3 TR 11:00-11:50  
R 4:10-6:00PM  
MEETS: AUG 20-DEC 14
- FOREST INSECT&DISEAS PL P 416 3 CREDITS  
Prereq: 8 CR IN BIOLOGICAL SCI, INCLUDING BIOL 211 OR EQUIVALENT  
5942005 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14
- FOR INSECTS&DIS LAB PL P 416L 1 CREDIT  
Prereq: 8 CREDITS IN BIOLOGICAL SCI INCLUDING BIOL 211 OR EQUIVALENT. CREDIT OR ENROLLMENT IN PL P 416.  
2628005 M 3:10-6:00PM  
MEETS: AUG 20-DEC 14
- INDEP STDY PLT PATH PL P 490A 1- 3 CREDITS  
Prereq: JR OR SR CLASSIFICATION, 7 CREDITS IN BIOLOGICAL SCIENCES, 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: JR OR SR CLASSIFICATION, 7 CR IN BIOL SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM  
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 ARRANGED  
MEETS: AUG 20-DEC 14
- SEED PATHOLOGY LAB PL P 494L 1 CREDIT  
Prereq: PL P 408  
1379005 F 9:00-11:50  
MEETS: AUG 20-DEC 14
- PRIN OF PLANT PATH PL P 508 3 CREDITS  
Prereq: 8 CREDITS IN LIFE SCIENCES, INCLUDING BIOL 211 OR BIOL 212  
3902005 1 TR 11:00-11:50  
R 12:10-2:00  
MEETS: AUG 20-DEC 14
- 3902010 2 TR 11:00-11:50  
R 2:10-4:00  
MEETS: AUG 20-DEC 14
- 3902015 3 TR 11:00-11:50  
R 4:10-6:00PM  
MEETS: AUG 20-DEC 14
- SPECIAL TOPICS PL P 590 1- 3 CREDITS  
Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- SEED PATHOLOGY PL P 594 2 CREDITS  
Prereq: PL P 408  
Note: CREDIT FOR EITHER PL P 494/594 OR STB/PL P 592, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
5955005 MW 11:00-11:50  
MEETS: AUG 20-DEC 14
- SEED PATHOLOGY LAB PL P 594L 1 CREDIT  
9794005 F 9:00-11:50  
MEETS: AUG 20-DEC 14

**PLANT PATHOLOGY**

(CONTINUED)

- IMPROV PRO PRESENTN PL P 628 2 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
9440005 M 3:10-5:00  
MEETS: AUG 20-DEC 14
- MOL BIO PLT PATHOGN PL P 692 3 CREDITS  
Prereq: PL P 506 OR BBMB 405 OR GEN 411 OR MICRO 402 OR STRONG BACKGROUND IN MOLECULAR BIOLOGY  
5957005 ARRANGED  
MEETS: AUG 20-DEC 14
- SEMINAR PL P 698 1 CREDIT  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- THESIS&DIS RESEARCH PL P 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**POLITICAL SCIENCE**

- ORIENTATN POLIT SCI POL S 101 3 CREDITS  
Prereq: CLASSIFICATION IN A POLITICAL SCIENCE OR OPEN OPTION MAJOR  
Note: COURSE RESTRICTED TO POL S, OPEN OPTION MAJORS.  
3912005 1 TR 12:40-2:00 URBATSCH R  
ARRANGED  
MEETS: AUG 20-OCT 12
- INTR AMERIC GOVERN POL S 215 3 CREDITS  
5961005 1 MWF 12:10-1:00 DITONTO T  
MEETS: AUG 20-DEC 14
- 5961010 2 MWF 10:00-10:50 DEAM D  
MEETS: AUG 20-DEC 14
- 5961015 3 TR 11:00-12:20  
MEETS: AUG 20-DEC 14
- INTRO ETHICS&POLTCS POL S 235 3 CREDITS  
Note: COURSE RESTRICTED TO POL S MAJORS ONLY  
5715005 1 MWF 11:00-11:50 TUCKNESS A  
MEETS: AUG 20-DEC 14
- INTR CMPAR GOVT&POL POL S 241 3 CREDITS  
Note: Meets international perspectives reqmt  
5963005 1 TR 9:30-10:50 PIRRO E  
MEETS: AUG 20-DEC 14
- 5963010 2 TR 12:40-2:00 SMITH A  
MEETS: AUG 20-DEC 14
- 5963015 3 TR 11:00-12:20 REN Y  
MEETS: AUG 20-DEC 14
- 5963600 XW ARRANGED SMITH A  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW
- INTRO INTERNATL POL POL S 251 3 CREDITS  
Note: Meets international perspectives reqmt  
5964005 1 TR 9:30-10:50 MANSBACH R  
MEETS: AUG 20-DEC 14
- 5964010 2 MWF 9:00-9:50 MCCORMICK J  
MEETS: AUG 20-DEC 14
- 5964015 3 TR 2:10-3:30 REN Y  
MEETS: AUG 20-DEC 14
- INTRO EMPIRCL RSRCH POL S 301 3 CREDITS  
Prereq: POL S 101  
5965005 1 MWF 10:00-10:50 NIEMAN M  
MEETS: AUG 20-DEC 14
- POLITICAL BEHAVIOR POL S 305 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
5966005 TR 9:30-10:50 SMITH A  
MEETS: AUG 20-DEC 14
- SPL TOPCS AMER GOVT POL S 312 2 CREDITS  
Note: A TOPIC MAY NOT BE TAKEN MORE THAN ONCE  
8810005 1 MWF 2:10-3:00  
MEETS: AUG 20-OCT 12
- Note: SEC 1 TOPIC: POLITICAL PSYCHOLOGY  
8810010 2 MWF 2:10-3:00  
MEETS: OCT 15-DEC 14
- SPL TOP THRY&METHDS POL S 313 2 CREDITS  
Note: A TOPIC MAY NOT BE TAKEN MORE THAN ONCE  
6800005 1 MWF 3:10-4:00  
MEETS: AUG 20-OCT 12
- 6800010 2 MWF 3:10-4:00  
MEETS: OCT 15-DEC 14
- SPL TOP INTL RELATN POL S 315 2 CREDITS  
Note: A TOPIC MAY NOT BE TAKEN MORE THAN ONCE  
Meets international perspectives reqmt  
8813005 1 TR 3:40-5:00  
MEETS: OCT 15-DEC 14

## POLITICAL SCIENCE (CONTINUED)

CAMPAIGNS&ELECTIONS POL S 318 3 CREDITS  
2728005 1 TR 11:00-12:20 SHAW K  
MEETS: AUG 20-DEC 14

LAW AND POLITICS POL S 319 3 CREDITS  
Prereq: SOPHOMORE STANDING; POL S 215 RECOMMENDED  
3865005 1 MWF 3:10-4:00 WAGGONER K  
MEETS: AUG 20-DEC 14

POLITICS & SOCIETY POL S 334 3 CREDITS  
Prereq: A COURSE IN POL S OR SOC  
7403005 A TR 2:10-3:30 DOBRATZ B  
MEETS: AUG 20-DEC 14

CHINESE POLITICS POL S 342 3 CREDITS  
Note: Meets international perspectives reqmt  
4560005 1 MWF 11:00-11:50 HASSID J  
MEETS: AUG 20-DEC 14

PUBLIC POLICY POL S 344 3 CREDITS  
9243005 1 MWF 11:00-11:50 WANG Y  
MEETS: AUG 20-DEC 14

POLIT RUS&SV STATES POL S 349 3 CREDITS  
Note: Meets international perspectives reqmt  
5996005 1 MWF 10:00-10:50 FEINSTEIN S  
MEETS: AUG 20-DEC 14

POLIT OF MIDL EAST POL S 350 3 CREDITS  
Note: Meets international perspectives reqmt  
7229005 1 TR 11:00-12:20 GABIAN N  
MEETS: AUG 20-DEC 14

WAR AND POLITICS POL S 355 3 CREDITS  
5623005 1 TR 12:40-2:00 MANSBACH R  
MEETS: AUG 20-DEC 14

U S FOREIGN POLICY POL S 358 3 CREDITS  
Prereq: POL S 215 OR POL S 251, OR HIST 467 OR  
HIST 470 OR HIST 471  
5979005 1 MWF 1:10-2:00 MCCORMICK J  
MEETS: AUG 20-DEC 14

AMER INSTITU: MEDIA POL S 363 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
5809005 1 MWF 12:10-1:00 DEAM D  
MEETS: AUG 20-DEC 14

POL PARTI&INTRST GR POL S 364 3 CREDITS  
Prereq: POL S 215; SOPHOMORE CLASSIFICATION  
6003005 1 TR 2:10-3:30 SHAW K  
MEETS: AUG 20-DEC 14

PUBLIC ORGS &LDRSH POL S 371 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
5982005 1 MWF 9:00-9:50 HASSID J  
MEETS: AUG 20-DEC 14

INT'L POLIT ECONOMY POL S 381 3 CREDITS  
1000005 1 TR 3:40-5:00 URBATSCH R  
MEETS: AUG 20-DEC 14

ADV WRITING POL SCI POL S 395 R CREDIT  
Satisfactory-Fail Only  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LEGAL ANALYSIS POL S 402 3 CREDITS  
4051005 1 MWF 1:10-2:00 WAGGONER K  
MEETS: AUG 20-DEC 14

INTERGOVMTL RELATNS POL S 413 3 CREDITS  
Prereq: 6 CREDITS IN POL S  
5987005 1 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

CAMPAIGN RHETORIC POL S 417 3 CREDITS  
Prereq: SP CM 212  
9648005 A1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO POL S, SP CM MAJORS ONLY  
9648010 A2 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC A2 FOR MAJORS OTHER THAN POL S, SP CM

CONSTITUTIONAL LAW POL S 420 3 CREDITS  
Prereq: POL S 215; JUNIOR CLASSIFICATION  
5988005 1 MWF 2:10-3:00 DEAM D  
MEETS: AUG 20-DEC 14

MODRN POLIT THOUGHT POL S 431 3 CREDITS  
Prereq: 6 CR IN POL S, PHIL, OR EUROPEAN HIST  
5993008 1 R 2:10-5:00  
MEETS: AUG 20-DEC 14

INT'L ORGANIZATIONS POL S 453 3 CREDITS  
Prereq: POL S 251  
Note: COURSE RESTRICTED TO POL S MAJORS ONLY.  
SOME OF THE CONTENT WILL BE DELIVERED ONLINE. THERE  
WILL BE AT LEAST ONE CLASSROOM MEETING EACH WEEK.  
6001005 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14

## POLITICAL SCIENCE (CONTINUED)

GOVT,BUSINESS&SOCIE POL S 477 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
9288005 1 R 6:10-9:00PM SHAW K  
MEETS: AUG 20-DEC 14

IND STUDY AMER GOVT POL S 490A VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
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.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY THRY&METHD POL S 490B VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
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.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490C VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
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.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
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.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY EXT CREDIT POL S 490E 1- 2 CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
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.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR POL S 490G VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
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.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CREDITS  
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG  
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, SENIOR STATUS AND  
PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TEACHING INTERNSHIP POL S 496 3 CREDITS  
Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN  
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, INSTRUCTOR PERMISSN  
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

COOPERATIVE EDUCATN POL S 498 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION  
COORDINATOR; SENIOR CLASSIFICATION  
Note: PERMISSION OF DEPARTMENT COOP EDUCATION  
COORDINATOR; SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## POLITICAL SCIENCE

(CONTINUED)

POL SCI INTERNSHIP POL S 499 VAR. CREDITS  
Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR  
CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR  
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 502 3 CREDITS  
Prereq: 6 CREDITS IN POL S  
8752005 1 T 2:10-5:00 ANDERSEN D  
MEETS: AUG 20-DEC 14

PROSEMN INT'L POLIT POL S 504 3 CREDITS  
Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING  
7218005 1 M 1:10-4:00 NIEMAN M  
MEETS: AUG 20-DEC 14

BIORNWBLS LAW&POLCY POL S 515 3 CREDITS  
9568005 1 MWF 12:10-1:00 WANG Y  
MEETS: AUG 20-DEC 14

MASS POLITCL BEHAVR POL S 525 3 CREDITS  
Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING  
7993005 1 W 2:10-5:00 DITONTO T  
MEETS: AUG 20-DEC 14

AMER POLIT INSTITUT POL S 560 3 CREDITS  
Prereq: 6 CREDITS IN AMERICAN GOVERNMENT  
9319005 M 2:10-5:00  
MEETS: AUG 20-DEC 14

ORGANIZATIONAL THRY POL S 571 3 CREDITS  
6033005 R 6:00-9:00PM  
MEETS: AUG 20-DEC 14

GOVT,BUSINESS&SOCIE POL S 577 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
9281005 1 R 6:10-9:00PM SHAW K  
MEETS: AUG 20-DEC 14

SPL TOP US P INSTIT 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 TOPC PUBLIC LAW POL S 590B 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLIT THEORY POL S 590C 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 COMPAR GOVT 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 INT'L RELAT POL S 590E 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 POLICY PROC POL S 590F 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 PUB POL&ADM 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 SLIP IN 10 ENRL SC.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INTERNSHIP POL S 590I 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 TEACHG PREP POL S 590T 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* 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 20-DEC 14

CREATIVE COMPONENT POL S 599 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## POLITICAL SCIENCE

(CONTINUED)

RESEARCH POL S 699 VAR. CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PORTUGUESE

ELEM PORTUGUESE I PORT 101 4 CREDITS  
7121005 MTWR 11:00-11:50  
MEETS: AUG 20-DEC 14

BRAZIL TODAY PORT 375 3 CREDITS  
7204005 Note: Meets international perspectives reqmt  
MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

## PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS  
Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.

6069005 A TR 8:00-9:15 COOPER E  
MEETS: AUG 20-DEC 14

6069010 B TR 9:30-10:45 COOPER E  
MEETS: AUG 20-DEC 14

6069015 C TR 11:00-12:15 COOPER E  
MEETS: AUG 20-DEC 14

LAB INTRODUC PSYCH PSYCH 102 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN PSYCH 101  
Note: SEC A1,B1,C1 ETC RESTRICTED TO PSYCH MAJORS ONLY  
SEC A2,B2, C2 ETC RESTRICTED TO MAJORS OTHER THAN  
PSYCH

4786080 A1 T 3:10-4:50  
MEETS: AUG 20-DEC 14

4786085 A2 T 3:10-4:50  
MEETS: AUG 20-DEC 14

4786090 B1 W 8:00-9:40  
MEETS: AUG 20-DEC 14

4786095 B2 W 8:00-9:40  
MEETS: AUG 20-DEC 14

4786100 C1 T 1:10-2:50  
MEETS: AUG 20-DEC 14

4786105 C2 T 1:10-2:50  
MEETS: AUG 20-DEC 14

4786020 D1 R 1:10-2:50  
MEETS: AUG 20-DEC 14

4786120 E1 R 3:10-4:50  
MEETS: AUG 20-DEC 14

4786125 E2 R 3:10-4:50  
MEETS: AUG 20-DEC 14

4786130 F1 F 2:10-3:50  
MEETS: AUG 20-DEC 14

4786135 F2 F 2:10-3:50  
MEETS: AUG 20-DEC 14

4786035 G1 R 1:10-2:50  
MEETS: AUG 20-DEC 14

4786140 J1 F 8:00-9:40  
MEETS: AUG 20-DEC 14

4786145 J2 F 8:00-9:40  
MEETS: AUG 20-DEC 14

ORIENTATN TO PSYCH PSYCH 111 .5 CREDIT  
Satisfactory-Fail Only.

6068005 A W 3:10-4:00 JENKINS I  
MEETS: AUG 20-OCT 26

6068010 B T 2:10-3:00 PHIPPS A  
MEETS: AUG 20-OCT 26

PSY LRN CMNTY SEMNR PSYCH 112 1 CREDIT  
Prereq: PARTICIPATION IN FRESHMAN LEARNING  
COMMUNITY  
Satisfactory-Fail Only.

9388005 A T 2:10-3:00 RICHIE C  
MEETS: AUG 20-DEC 14  
Note: SEC A: PARTICIPATION IN FRESHMAN LEARNING  
COMMUNITY IS REQUIRED

9388010 B T 2:10-3:00 SCHEEL K  
MEETS: AUG 20-DEC 14  
Note: SEC B: PARTICIPATION IN FRESHMAN LEARNING  
COMMUNITY IS REQUIRED

9388015 C R 10:00-10:50 TOWERS K  
MEETS: AUG 20-DEC 14  
Note: SEC C: PARTICIPATION IN TRANSFER LEARNING  
COMMUNITY IS REQUIRED

ACAD LEARNG SKILLS PSYCH 131 1 CREDIT  
Satisfactory-Fail Only.

6071010 AB M 9:00-9:50, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required 1st week.  
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071015 AC M 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required 1st week.

6071020 AD M 11:00-11:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required 1st week.  
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071025 AE M 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required 1st week.

## PSYCHOLOGY

(CONTINUED)

ACAD LEARNG SKILLS PSYCH 131 1 CREDIT  
 6071035 AG M 2:10-3:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071055 BB T 9:30-10:20, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071065 BD T 12:40-1:30, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071075 BF T 2:10-3:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071105 CB W 9:00-9:50, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071110 CC W 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.

6071115 CD W 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071120 CE W 12:10-1:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071130 CG W 2:10-3:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071155 DB R 9:30-10:20, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071165 DD R 12:40-1:30, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071175 DF R 2:10-3:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071205 EB F 9:00-9:50, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071210 EC F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.

6071215 ED F 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071220 EE F 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.

6071425 MF MW 1:10-2:00  
 MEETS: OCT 15-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071435 MJ MW 3:10-4:00, ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: Instructor permission required 1st week.

6071440 MK MW 4:10-5:00, ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071460 NC TR 11:00-11:50  
 ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: Instructor permission required 1st week.  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071495 NK TR 4:10-5:00, ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: Instructor permission required 1st week.

## PSYCHOLOGY

(CONTINUED)

DEVELOPMENTAL PSYCH PSYCH 230 3 CREDITS  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>

6072005 A TR 9:30-10:45 PHILLIPS W  
 MEETS: AUG 20-DEC 14

6072010 B TR 8:00-9:15 PHILLIPS W  
 MEETS: AUG 20-DEC 14

PSY OF THE WORKPLAC PSYCH 250 3 CREDITS  
 9076005 A1 MW 3:10-4:30 HANISCH K  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY

9076010 A2 MW 3:10-4:30 HANISCH K  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>

6075005 A TR 12:40-1:55 HESSLING R  
 MEETS: AUG 20-DEC 14

6075010 B TR 2:10-3:25 WELLS G  
 MEETS: AUG 20-DEC 14

INTRO RESRCH EXPRNC PSYCH 291 1- 4 CREDITS  
 Prereq: PSYCH 101, SOPHOMORE CLASSIFICATION,  
 INSTRUCTOR PERMISSION  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES DSGN & METHODOL PSYCH 301 3 CREDITS  
 Prereq: STAT 101; 1 COURSE IN PSYCHOLOGY

6076005 A1 MWF 2:10-3:00 COOPER E  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY

6076010 A2 MWF 2:10-3:00 COOPER E  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

6076015 B1 TR 2:10-3:30 GUYLL M  
 MEETS: AUG 20-DEC 14  
 Note: SEC B1 RESTRICTED TO PSYCH MAJORS ONLY

6076020 B2 TR 2:10-3:30 GUYLL M  
 MEETS: AUG 20-DEC 14  
 Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN PSYCH

RESRCH METHODS PSYC PSYCH 302 3 CREDITS  
 Prereq: PSYCH 301, ENGL 250  
 Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY

1173005 A MW 10:00-11:50  
 MEETS: AUG 20-DEC 14

1173010 B MW 1:10-3:00 HESSLING R  
 MEETS: AUG 20-DEC 14

1173015 C TR 9:00-10:50 CARPENTER S  
 MEETS: AUG 20-DEC 14

1173020 D TR 11:00-1:00 ACERBO M  
 MEETS: AUG 20-DEC 14

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS  
 Prereq: PSYCH 101

1515005 A1 MWF 12:10-1:00 ACERBO M  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY

1515010 A2 MWF 12:10-1:00 ACERBO M  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

LEARNING & MEMORY PSYCH 313 3 CREDITS  
 Prereq: PSYCH 101

6080005 A1 MWF 10:00-10:50 CARPENTER S  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY

6080010 A2 MWF 10:00-10:50 CARPENTER S  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

MOTIVATION PSYCH 314 3 CREDITS  
 Prereq: PSYCH 101

6081005 A1 MWF 10:00-10:50 HESSLING R  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY

6081010 A2 MWF 10:00-10:50 HESSLING R  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS  
 Prereq: PSYCH 101

6082015 A1 MWF 2:10-3:00 ACERBO M  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY

6082020 A2 MWF 2:10-3:00 ACERBO M  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

## PSYCHOLOGY (CONTINUED)

COGNITIVE PSYCHOLGY PSYCH 316 3 CREDITS  
Prereq: PSYCH 101  
6083005 A1 TR 3:40-4:55 CHAN C  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
6083010 A2 TR 3:40-4:55 CHAN C  
MEETS: AUG 20-DEC 14  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

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 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

ABNORM PSY CHD&ADOL PSYCH 335 3 CREDITS  
Prereq: PSYCH 101; PSYCH 230 OR HD FS 102  
4299005 A1 MWF 11:00-11:50 MARSEE M  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
4299010 A2 MWF 11:00-11:50 MARSEE M  
MEETS: AUG 20-DEC 14  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

PSYCHOLOGY OF WOMEN PSYCH 346 3 CREDITS  
Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH  
101  
Note: Meets U.S. diversity reqmt  
6085005 A1 TR 12:40-2:00 SCHEEL K  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
6085010 A2 TR 12:40-2:00 SCHEEL K  
MEETS: AUG 20-DEC 14  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

U.S. LATINO/A PSYCH PSYCH 347 3 CREDITS  
Prereq: TWO COURSES IN PSYCHOLOGY INCLUDING  
PSYCH 101  
Note: Meets U.S. diversity reqmt  
9184005 A1 TR 11:00-12:15 PRIETO L  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
9184010 A2 TR 11:00-12:15 PRIETO L  
MEETS: AUG 20-DEC 14  
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

HUMN FACTORS IN TEC PSYCH 350 3 CREDITS  
Prereq: PSYCH 101, JUNIOR CLASSIFICATION  
9227005 A1 TR 12:40-2:00 KELLY J  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
9227010 A2 TR 12:40-2:00 KELLY J  
MEETS: AUG 20-DEC 14  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

PERSONALITY PSYCHOL PSYCH 360 3 CREDITS  
Prereq: PSYCH 101  
6087005 A1 MW 1:10-2:00 KRIZAN Z  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED PORTION OF THE COURSE WILL BE  
DELIVERED VIA WWW. SEC A1 RESTRICTED TO PSYCH MAJORS.  
6087010 A2 MW 1:10-2:00 KRIZAN Z  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: THE ARRANGED PORTION OF THE COURSE WILL BE  
DELIVERED VIA WWW. SECTION A2 RESTRICTED TO  
MAJORS OTHER THAN PSYCH.

SOCIAL COGNITION PSYCH 380 3 CREDITS  
Prereq: PSYCH 101 OR PSYCH 280  
6180005 A1 MWF 9:00-9:50 BLANKENSHIP K  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
6180010 A2 MWF 9:00-9:50 BLANKENSHIP K  
MEETS: AUG 20-DEC 14  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

SMALL GROUP BEHAVR PSYCH 381 3 CREDITS  
Prereq: PSYCH 280 OR SOC 305  
6088005 A TR 3:40-5:00 JONES-JOHNSON G  
MEETS: AUG 20-DEC 14

COUNSEL THEOR&TCHNQ PSYCH 422 3 CREDITS  
Prereq: 3 COURSES IN PSYCH  
6093005 A1 TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
6093010 A2 TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

LAB CONSL THR&TCHNQ PSYCH 422L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN PSYCH 422,  
MAJOR OR MINOR IN PSYCHOLOGY  
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
2844005 1 T 9:00-10:40  
MEETS: AUG 20-DEC 14  
2844010 2 T 1:10-2:50  
MEETS: AUG 20-DEC 14  
2844015 3 R 9:00-10:40  
MEETS: AUG 20-DEC 14  
2844020 4 R 1:10-2:50  
MEETS: AUG 20-DEC 14

## PSYCHOLOGY (CONTINUED)

PSYCH MEASUREMENT I PSYCH 440 3 CREDITS  
Prereq: PSYCH 301 AND 9 CREDITS IN PSYCHOLOGY,  
STAT 101  
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
6099005 A M 12:10-2:00  
F 8:00-9:50  
MEETS: AUG 20-DEC 14  
6099010 B M 12:10-2:00  
W 12:10-2:00  
MEETS: AUG 20-DEC 14  
6099015 C M 12:10-2:00  
F 12:10-2:00  
MEETS: AUG 20-DEC 14  
6099020 D M 12:10-2:00  
W 4:10-6:00PM  
MEETS: AUG 20-DEC 14  
6099025 E M 12:10-2:00  
F 12:10-2:00  
MEETS: AUG 20-DEC 14

ABNORMAL PSYCHOLOGY PSYCH 460 3 CREDITS  
Prereq: 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH  
101  
6102005 A1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
6102010 A2 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN  
PSYCH, KIN, KIN H  
6102015 A3 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC A3 RESTRICTED TO KIN, KIN H MAJORS ONLY  
6102025 B1 TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
Note: SEC B1 RESTRICTED TO PSYCH MAJORS ONLY  
6102030 B2 TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN  
PSYCH, KIN, KIN H  
6102035 B3 TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
Note: SEC B3 RESTRICTED TO KIN, KIN H MAJORS ONLY

CLOSE RELATIONSHIPS PSYCH 484 3 CREDITS  
Prereq: 9 CREDITS IN PSYCHOLOGY INCLUDING PSYCH  
280  
5693005 A1 TR 2:10-3:30 COSTABILE K  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
5693010 A2 TR 2:10-3:30 COSTABILE K  
MEETS: AUG 20-DEC 14  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

CULTURAL PSYCHOLOGY PSYCH 488 3 CREDITS  
Prereq: PSYCH 280 AND PSYCH 301; JUNIOR  
CLASSIFICATION  
Note: Meets international perspectives reqmt  
5698005 TR 9:30-10:45 CROSS S  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY PSYCH 490 1- 3 CREDITS  
Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN  
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: JR CLASSIFICATION, INSTR PERMISSION,  
CREDIT OR ENROLLMENT IN PSYCH 301  
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: JUNIOR CLASSIFICATION, 12 CREDITS  
IN PSYCHOLOGY, PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD PRACTCM:I/O PSY PSYCH 492B VAR. CREDITS  
Prereq: JUNIOR CLASSIFICATION; 12 CREDITS  
IN PSYCHOLOGY INCLUDING PSYCH 450, OR PSYCH 250  
AND ENROLLMENT IN PSYCH 450; PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY  
Satisfactory-Fail Only.  
4420073 KH ARRANGED  
MEETS: AUG 20-DEC 14

## PSYCHOLOGY

(CONTINUED)

FOUND BEHAVRL RSRCH PSYCH 501 3 CREDITS  
Prereq: STAT 401 OR EQUIVALENT  
9277005 MWF 11:00-11:50 CREDE M  
MEETS: AUG 20-DEC 14

COGNI PSY HUMN&CPTR PSYCH 521 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION  
5298005 A TR 9:30-10:45 KELLY J  
MEETS: AUG 20-DEC 14  
Note: UNDERGRADS AND SPECIAL STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR TO ENROLL  
5298600 XE ARRANGED KELLY J  
MEETS: AUG 20-DEC 14  
Note: PERMISSION REQUIRED TO REGISTER. CONTACT ELO@IASTATE.EDU  
Meets international perspectives reqmt  
Section XE is off campus  
Course delivery is WWW

EDUC PSYCH LEARNING PSYCH 533 3 CREDITS  
Prereq: C I 333 OR TEACHER LICENSURE  
6118005 1 T 4:30-7:00PM  
MEETS: AUG 20-DEC 14

PRACTCUM IN ASESSMT PSYCH 544 2 CREDITS  
Prereq: PSYCH 542 AND ADMISSION INTO THE PHD PROGRAM IN COUNSELING PSYCHOLOGY  
9401005 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

ADV SOCIAL PSYCHOLG PSYCH 580 3 CREDITS  
Prereq: 4 COURSES IN PSYCHOLOGY, INCLUDING PSYCH 280  
6131005 TR 9:30-10:45 ANDERSON C  
MEETS: AUG 20-DEC 14

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

QNT MTH CONST VALID PSYCH 594C 1 CREDIT  
Prereq: PSYCH 501 OR EQUIVALENT  
9141005 TR 3:40-5:00 CREDE M  
MEETS: AUG 21-SEPT 20

QNT MTH POWER ANALY PSYCH 594M 1 CREDIT  
Prereq: PSYCH 501 OR EQUIVALENT  
3474005 TR 3:40-5:00 RUSSELL D  
MEETS: OCT 30-DEC 6

SEM COUNS PSY: SUPVS PSYCH 596A VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
5829005 W 12:10-3:00 LARSON L  
MEETS: AUG 20-DEC 14

SEM COUNS: PRO ISS&E PSYCH 596D VAR. CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
7183005 T 8:00-10:50 WADE N  
MEETS: AUG 20-DEC 14

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT  
Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF INSTRUCTOR  
7659005 ARRANGED  
MEETS: AUG 20-DEC 14

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 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

COUNSELING TECHNIQ PSYCH 621L 3 CREDITS  
Prereq: PSYCH 621L  
6151005 1 T 2:10-5:00 VOGEL D  
MEETS: AUG 20-DEC 14

## PSYCHOLOGY

(CONTINUED)

PRACT INTMD COUNSEL PSYCH 691B VAR. CREDITS  
Prereq: PSYCH 691A, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACTCM ADV COUNSEL PSYCH 691C VAR. CREDITS  
Prereq: PSYCH 691A, PSYCH 691B, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EXT PRCTCM ADV CNSL PSYCH 691D VAR. CREDITS  
Prereq: 691A, 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 2018  
7667005 W 12:10-1:00, ARRANGED  
MEETS: AUG 20-DEC 14

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
9085005 F 12:10-1:30 GENTILE D  
ARRANGED  
MEETS: AUG 20-DEC 14  
Note: OFFERED FOR 2 CREDITS

INTERN COUNSELING PSYCH 697 R CREDIT  
Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN  
6182005 ARRANGED  
MEETS: AUG 20-DEC 14

RESEARCH PSYCH 699 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PUBLIC RELATIONS

PRIN PUBLIC RELATNS P R 220 3 CREDITS  
6906005 1 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

STRATEG PLAN AD&P.R P R 301 3 CREDITS  
Prereq: ADVRT 230 OR P R 220  
Note: SEC 1A,2A,ETC. RESTRICTED TO ADVRT, JL MC, P R SOPHOMORES AND ABOVE. SEC 1B,2B,ETC. RESTRICTED TO MAJORS OTHER THAN ADVRT, JL MC, P R.  
6910005 1A MW 9:30-10:45  
MEETS: AUG 20-DEC 14  
6910010 1B MW 9:30-10:45  
MEETS: AUG 20-DEC 14  
6910015 2A TR 9:30-10:45  
MEETS: AUG 20-DEC 14  
6910020 2B TR 9:30-10:45  
MEETS: AUG 20-DEC 14  
6910025 3A TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
6910030 3B TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
6910035 4A TR 2:10-3:25  
MEETS: AUG 20-DEC 14  
6910040 4B TR 2:10-3:25  
MEETS: AUG 20-DEC 14  
6910045 5A MW 11:00-12:15  
MEETS: AUG 20-DEC 14  
6910050 5B MW 11:00-12:15  
MEETS: AUG 20-DEC 14

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 9:30-10:50  
MEETS: AUG 20-DEC 14  
6911010 2 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
6911015 3 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

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 MW 12:10-2:00  
MEETS: AUG 20-DEC 14  
7171010 2 MW 8:00-9:50  
MEETS: AUG 20-DEC 14  
7171015 3 TR 2:10-4:00  
MEETS: AUG 20-DEC 14  
7171020 4 TR 8:00-9:50  
MEETS: AUG 20-DEC 14

PUBLIC RELATIONS (CONTINUED)

STRATGC COUNSEL P R P R 322X 3 CREDITS  
 8697005 1 TR 11:00-12:30  
 MEETS: AUG 20-DEC 14

STRTG COMM AG&ENVIR P R 323X 3 CREDITS  
 Prereq: ENGL 250, JUNIOR CLASSIFICATION  
 8690005 1 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

PRO SKILL DEVEL:MAP P R 390A 1 CREDIT  
 Prereq: C+ OR BETTER IN JL MC 201; INSTRUCTOR  
 PERMISSION FOR NONMAJORS  
 9712005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

CRISIS COMMUNICATIO P R 420 3 CREDITS  
 Prereq: P R 220  
 7457005 1 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

PUBLIC REL CAMPAIGN P R 424 3 CREDITS  
 Prereq: C+ OR BETTER IN P R 321; ADVRT 301 OR  
 P R 301  
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS  
 7211005 1 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 7211010 2 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

SPL TOPC MAGZN PUBL P R 497C 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 9910005 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

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 306  
 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 306  
 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**

INTRO WRLD RELIGION RELIG 205 3 CREDITS  
 Note: Meets international perspectives reqmt  
 6109005 A MWF 1:10-2:00 ARCHER G  
 MEETS: AUG 20-DEC 14  
 Note: SEC A RESTRICTED TO FRESHMEN ONLY  
 6109010 B TR 3:40-5:00 ARCHER G  
 MEETS: AUG 20-DEC 14  
 6109015 C TR 3:40-5:00 CHILCOTT T  
 MEETS: AUG 20-DEC 14  
 6109020 D MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 6109025 E MWF 8:00-8:50 WILSON C  
 MEETS: AUG 20-DEC 14  
 Note: SEC E RESTRICTED TO FRESHMEN ONLY  
 6109030 F MWF 10:00-10:50 ARCHER G  
 MEETS: AUG 20-DEC 14  
 6109035 G MWF 9:00-9:50 WILSON C  
 MEETS: AUG 20-DEC 14

RELIGION IN AMERICA RELIG 210 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 6188005 A MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 6188010 B MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 6188015 C MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 6188020 D TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 6188025 E MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 6188030 F TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 6188035 G TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 6188040 J MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 6188045 K TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 6188600 XW ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

RELIGIOUS STUDIES (CONTINUED)

INTRO TO THE BIBLE RELIG 220 3 CREDITS  
 6189005 A MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 6189010 B MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.

CHRISTNTY BEG-REFRM RELIG 242 3 CREDITS  
 Note: Meets international perspectives reqmt  
 6247005 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14

INTRO CATHOLICISM RELIG 280 3 CREDITS  
 6242005 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

OLD TESTAMENT RELIG 321 3 CREDITS  
 6194005 A MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.

AFRI AMER RELIG EXP RELIG 334 3 CREDITS  
 Prereq: PRIOR COURSE WORK IN RELIG OR AF AM  
 RECOMMENDED  
 Note: Meets U.S. diversity reqmt  
 8636005 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

MAGIC,WITHC,&RELIG RELIG 340 3 CREDITS  
 Prereq: ANTHR 201 OR ANTHR 306  
 Note: Meets international perspectives reqmt  
 6198005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

RELIG TRADITN INDIA RELIG 352 3 CREDITS  
 Prereq: RELIG 205 OR EQUIVALENT  
 Note: Meets international perspectives reqmt  
 1436005 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

INTRODUCTN TO ISLAM RELIG 358 3 CREDITS  
 Note: Meets international perspectives reqmt  
 3332005 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY RELIG 490 1- 3 CREDITS  
 Prereq: 6 CR IN RELIGIOUS STUDIES; PERMISSION  
 OF INSTRUCTOR; APPROVAL OF DEPT CHAIR  
 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 CR IN RELIG, PERMISSION OF INSTRUCTOR,  
 APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 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

SENIOR THESIS RELIG 491 3 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MAGIC,WITHC,&RELIG RELIG 540 3 CREDITS  
 Note: Meets international perspectives reqmt  
 9760005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

**RESEARCH & EVALUATION**

INTRO EDUC RESEARCH RESEV 550 3 CREDITS  
 6211005 1 T 5:30-8:30PM  
 MEETS: AUG 20-DEC 14  
 6211010 2 W 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 RESTRICTED TO GRAD STUDENTS IN THE  
 HUMAN SCIENCES COLLEGE  
 6211015 3 R 1:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC 3 RESTRICTED TO GRAD STUDENTS  
 6211035 7 R 1:10-4:00  
 MEETS: AUG 20-DEC 14

BASIC EDUC STATISC RESEV 552 3 CREDITS  
 Note: COURSE RESTRICTED TO GRADS STUDENTS ONLY  
 7368005 1 WR 5:30-8:30PM  
 MEETS: AUG 20-DEC 14

INTERMED RES METHDS RESEV 554 3 CREDITS  
 Prereq: RESEV 553 OR STAT 404  
 Note: COURSE RESTRICTED TO GRAD STUDENTS ONLY  
 6214005 1 R 5:30-8:20PM  
 MEETS: AUG 20-DEC 14

## RESEARCH &amp; EVALUATION (CONTINUED)

INTRO QLTV RES MTHD RESEV 580 3 CREDITS  
 Note: COURSE RESTRICTED TO GRAD STUDENTS ONLY  
 4059005 1 W 5:30-8:30PM  
 MEETS: AUG 20-DEC 14

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

CRIT ISS QLTV INQUI RESEV 680 3 CREDITS  
 Prereq: RESEV 580  
 4564005 1 W 5:30-8:20PM  
 MEETS: AUG 20-DEC 14

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

ELEMENTARY RUSSIAN 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 MWR 10:00-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 HYBRID

6225010 2 MWR 12:10-1:00  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 HYBRID

INTERMED RUSSIAN I RUS 201 4 CREDITS  
 Prereq: RUS 102  
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
 Meets international perspectives reqmt  
 6228005 1 MWR 9:00-9:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 HYBRID

RUS STU ENGL TRANSL RUS 370 3 CREDITS  
 Note: Meets international perspectives reqmt  
 7937600 XW ARRANGED MESROPOVA O  
 MEETS: OCT 15-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

RUSSIA TODAY RUS 375 3 CREDITS  
 Note: Meets international perspectives reqmt  
 7072605 XV ARRANGED MESROPOVA O  
 MEETS: OCT 15-DEC 14  
 Note: Section XV is off campus  
 Course delivery is WWW

7072600 XW ARRANGED VOROZHBIT M  
 MEETS: OCT 15-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

RUSSN FILM STU ENGL RUS 378 3 CREDITS  
 Note: Meets international perspectives reqmt  
 5090005 M 6:10-9:00PM  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY RUS 490 1- 6 CREDITS  
 Prereq: 6 CR IN RUSSIAN; PERMISSION OF DEPT 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

INTERNSH IN RUSSIAN RUS 499 1- 3 CREDITS  
 Prereq: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL;  
 PERMISSION OF ADVISER AND WORLD LANGUAGES AND  
 CULTURES INTERNSHIP COORDINATOR  
 Note: NO MORE THAN 3 CREDITS IN RUS 499 MAY BE  
 APPLIED TOWARD GRADUATION IN THE MINOR  
 Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## SOCIOLOGY

ORIENTATION PUB SER SOC 110 R CREDIT  
 Satisfactory-Fail Only.  
 6318005 A R 2:10-3:00 BAIN C  
 MEETS: AUG 20-DEC 14

## SOCIOLOGY (CONTINUED)

SOCIOLOGY ORIENTATN SOC 115 1 CREDIT  
 Satisfactory-Fail Only.  
 6345005 A MW 9:00-9:50 HAGLEY M  
 MEETS: AUG 20-OCT 12

6345010 B MW 10:00-10:50 SIMMONS K  
 MEETS: AUG 20-OCT 12

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 10:00-10:50 SCHWEINGRUBER D  
 MEETS: AUG 20-DEC 14

6346010 2 MWF 11:00-11:50 SCHWEINGRUBER D  
 MEETS: AUG 20-DEC 14

6346600 XW ARRANGED DESTINE S  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

INTIMATE RELATNSHIP SOC 219 3 CREDITS  
 Prereq: SOC 134  
 6349005 A TR 9:30-10:50 REGER R  
 MEETS: AUG 20-DEC 14

RURL SOCIE TRANSITN SOC 230 3 CREDITS  
 6319005 A TR 8:00-9:20 PETERS D  
 MEETS: AUG 20-DEC 14

SOCIAL PROBLEMS SOC 235 3 CREDITS  
 Prereq: SOC 134  
 Note: Meets U.S. diversity reqmt  
 6347600 XW ARRANGED KRIER D  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

YOUTH & CRIME SOC 241 3 CREDITS  
 Prereq: SOC 134  
 6350005 1 MWF 3:10-4:00 HEIRIGS M  
 MEETS: AUG 20-DEC 14

6350010 2 TR 9:30-10:50 DELISI M  
 MEETS: AUG 20-DEC 14

SOC SCI RSRCH MTHDS SOC 302 3 CREDITS  
 Prereq: SOC 134; STAT 101; OR CONCURRENT  
 ENROLLMENT IN STAT 101  
 6354005 A TR 9:30-10:50 SAPP S  
 MEETS: AUG 20-DEC 14

SOC PSYCH:SOC PERSP SOC 305 3 CREDITS  
 Prereq: SOC 134  
 6355005 A1 TR 9:30-10:50 JONES-JOHNSON G  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO SOC, P S A,  
 AG SO, INDIS - CJ ST MAJORS ONLY

6355010 A2 TR 9:30-10:50 JONES-JOHNSON G  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN SOC,  
 P S A, AG SO, INDIS - CJ ST

SEX&GENDER IN SOCIE SOC 327 3 CREDITS  
 Prereq: SOC 134  
 Note: SEC A1 RESTRICTED TO SOC, P S A, AG SO,  
 INDIS - CJ ST, W S MAJORS ONLY. SEC A2  
 RESTRICTED TO MAJORS OTHER THAN SOC, P S A, AG SO,  
 INDIS - CJ ST, W S.  
 Meets U.S. diversity reqmt

6356005 A1 MWF 10:00-10:50 POPILLION A  
 MEETS: AUG 20-DEC 14

6356010 A2 MWF 10:00-10:50 POPILLION A  
 MEETS: AUG 20-DEC 14

MASCULINIT &MANHOOD SOC 328 3 CREDITS  
 Prereq: SOC 134 OR W S 201/WGS 201  
 Note: Meets U.S. diversity reqmt  
 2242005 MWF 1:10-2:00 GOEBEL M  
 MEETS: AUG 20-DEC 14

SOC CLASS & INEQUAL SOC 331 3 CREDITS  
 Prereq: SOC 134  
 Note: Meets U.S. diversity reqmt  
 6357600 XW ARRANGED DOBRATZ B  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

POLITICS & SOCIETY SOC 334 3 CREDITS  
 Prereq: A COURSE IN POLITICAL SCIENCE OR  
 SOCIOLOGY  
 7401005 A TR 2:10-3:30 DOBRATZ B  
 MEETS: AUG 20-DEC 14

DEVIANT &CRIM BEHAV SOC 340 3 CREDITS  
 Prereq: SOC 134 OR CJ ST 240  
 6358005 A TR 11:00-12:20 BEHNKEN M  
 MEETS: AUG 20-DEC 14

6358010 B MWF 10:00-10:50 BEHNKEN M  
 MEETS: AUG 20-DEC 14



## SOCIOLOGY

(CONTINUED)

POPULATION & SOCIETY SOC 345 3 CREDITS  
Prereq: SOC 134  
Note: Meets international perspectives reqmt  
6359005 A MWF 1:10-2:00 MAZUR R  
MEETS: AUG 20-DEC 14  
6359010 B TR 3:40-5:00  
MEETS: AUG 20-DEC 14

GLBL POV&SUSTNB DEV SOC 348 3 CREDITS  
Prereq: SOC 134  
Note: Meets international perspectives reqmt  
9576600 XW ARRANGED MAZUR R  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW

APPLIED ETHICS AG SOC 362 3 CREDITS  
Prereq: ECON 101 OR SOC 134 OR SOC 130, JUNIOR OR SENIOR STATUS IN THE COLLEGE OF AGRICULTURE.  
7564005 1 W 3:10-6:00PM  
MEETS: AUG 20-DEC 14

SOCIOLOGY OF WORK SOC 380 3 CREDITS  
Prereq: SOC 134  
6362005 A1 TR 8:00-9:15 REGER R  
MEETS: AUG 20-DEC 14  
Note: SEC A1 RESTRICTED TO SOC, INDIS - CJ ST MAJORS ONLY  
6362010 A2 TR 8:00-9:15 REGER R  
MEETS: AUG 20-DEC 14  
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN SOC, P S A, AG SO  
6362015 A3 TR 8:00-9:15 REGER R  
MEETS: AUG 20-DEC 14  
Note: SEC A3 RESTRICTED TO PSA, AG SO MAJORS ONLY

SMALL GROUP BEHAVR SOC 381 3 CREDITS  
Prereq: SOC 305 OR PSYCH 280  
6363005 A TR 3:40-5:00 JONES-JOHNSON G  
MEETS: AUG 20-DEC 14

ENVIRONMENTL SOCIOLOG SOC 382 3 CREDITS  
Prereq: SOC 134 OR 3 CREDITS OF ENV S  
7713005 A TR 8:00-9:20  
MEETS: AUG 20-DEC 14

CONTEM SOC THEORIES SOC 401 3 CREDITS  
Prereq: 9 CREDITS IN SOC  
6365005 A TR 11:00-12:20 SAPP S  
MEETS: AUG 20-DEC 14  
6365010 B TR 2:10-3:30 SAPP S  
MEETS: AUG 20-DEC 14

CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS  
Prereq: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST COORDINATOR; MAJOR OR MINOR IN CJ ST OR SOC  
Note: NO MORE THAN 9 CREDITS OF SOC 460/CJ ST 460 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SOC 460/CJ ST 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.  
Satisfactory-Fail Only.  
6370005 A ARRANGED DELISI M  
MEETS: AUG 20-DEC 14

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

CLASSICL SOC THEORY SOC 506 3 CREDITS  
Prereq: SOC 401 OR SOC 505  
4924005 A W 5:30-8:30PM KRIER D  
MEETS: AUG 20-DEC 14

## SOCIOLOGY

(CONTINUED)

AGROECOSYSMS ANALYS SOC 509 4 CREDITS  
Prereq: SENIOR OR GRADUATE CLASSIFICATION  
Note: COURSE RESTRICTED TO SUSAG MAJORS.  
NON-MAJORS MAY SEEK PERMISSION OF INSTRUCTOR TO ADD.  
4809005 1 TR 2:10-3:30, ARRANGED  
MEETS: AUG 20-DEC 14  
Note: REQUIRED FIELD TRIP WEEK BEFORE CLASSES BEGIN

SOC SCI RES MTHDLGY SOC 511 3 CREDITS  
Prereq: SOC 302, STAT 401  
6379005 A TR 12:40-2:00 DORIUS S  
MEETS: AUG 20-DEC 14

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

ORIENTATION TO SOC SOC 591 1 CREDIT  
Prereq: FORMAL ADMISSION INTO SOC GRAD PROGRAM  
Satisfactory-Fail Only.  
6406005 A M 5:10-6:00PM STEWART S  
MEETS: AUG 20-DEC 14

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 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

STRUC EQUATN MODELS SOC 613 3 CREDITS  
Prereq: SOC 512 AND STAT 404, OR WITH INSTRUCTORS PERMISSION.  
6341005 A TR 9:30-10:50 PETERS D  
MEETS: AUG 20-DEC 14

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

SOFTWARE ENGR ORIENT S E 101 R CREDIT  
Note: COURSE RESTRICTED TO S E MAJORS ONLY  
7288005 A T 9:00-9:50  
MEETS: AUG 20-DEC 14  
7288010 B R 9:00-9:50  
MEETS: AUG 20-DEC 14

SOFTWR ENGR CAREERS S E 166 R CREDIT  
7290005 W 10:00-10:50  
MEETS: AUG 20-DEC 14

PROB SOLV SFTWR ENG S E 185 3 CREDITS  
Prereq: MATH 143 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 165  
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  
4922005 A TR 8:00-8:50  
F 8:00-9:50  
MEETS: AUG 20-DEC 14  
4922010 B TR 8:00-8:50  
T 6:10-8:00PM  
MEETS: AUG 20-DEC 14  
4922015 C TR 8:00-8:50  
T 12:10-2:00  
MEETS: AUG 20-DEC 14  
4922020 D TR 8:00-8:50  
T 2:10-4:00  
MEETS: AUG 20-DEC 14  
4922025 E TR 8:00-8:50  
W 8:00-9:50  
MEETS: AUG 20-DEC 14  
4922030 F TR 8:00-8:50  
T 4:10-6:00PM  
MEETS: AUG 20-DEC 14  
4922035 G TR 8:00-8:50  
M 12:10-2:00  
MEETS: AUG 20-DEC 14  
4922040 J TR 8:00-8:50  
R 2:10-4:00  
MEETS: AUG 20-DEC 14

## SOFTWARE ENGINEERING (CONTINUED)

SFTWR CNSTR&USER IN S E 319 3 CREDITS  
Prereq: COM S 228  
7191005 MWF 2:10-3:00  
MEETS: AUG 20-DEC 14

SOFTWARE PROJECT MGT S E 329 3 CREDITS  
Prereq: COM S 309  
7377005 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

SFTWR ARCHITC&DSIGN S E 339 3 CREDITS  
Prereq: S E 319  
7259005 TR 4:10-5:30  
MEETS: AUG 20-DEC 14

PRIN PROGR LANGUAGS S E 342 3 CREDITS  
Prereq: COM S 321; COM S 330 OR CPR E 310;  
EITHER COM S 309, COM S 362, OR COM S 363;  
ENGL 250 OR ENGL 105  
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.  
1043005 A TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
1043100 1 M 12:10-1:00  
MEETS: AUG 20-DEC 14  
1043105 2 T 10:00-10:50  
MEETS: AUG 20-DEC 14  
1043110 3 W 9:00-9:50  
MEETS: AUG 20-DEC 14

SUMMER INTERNSHIP S E 396 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN S E 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE REQMTS ENGR S E 409 3 CREDITS  
Prereq: COM S 309, 319  
7215005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

SOFTWARE TESTING S E 417 3 CREDITS  
Prereq: COM S 309; COM S 330 OR CPR E 310,  
ENGL 250, SP CM 212  
7221005 TR 12:40-1:55  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY S E 490 VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SR DESIGN PROJECT I S E 491 3 CREDITS  
Prereq: S E 329; S E 339; CPR E 308 OR COM S 352;  
ENGL 309 OR ENGL 314  
7366005 T 2:10-4:00, ARRANGED  
MEETS: AUG 20-DEC 14

SR DSIGN PROJECT II S E 492 2 CREDITS  
Prereq: S E 491  
7371005 R 2:10-3:00, ARRANGED  
MEETS: AUG 20-DEC 14

S E PORTFOLIO DEVEL S E 494 R CREDIT  
Prereq: CREDIT OR ENROLLMENT IN S E 491  
6467005 ARRANGED  
MEETS: AUG 20-DEC 14

## SPANISH

ACCEL SPANISH REVIEW SPAN 97 0 CREDITS  
Prereq: TWO YEARS BUT LESS THAN THREE YEARS OF  
HIGH-SCHOOL SPANISH  
Note: DEVELOPMENTAL WORLD LANGUAGES FEE APPLIES.  
SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION  
ON FEE.  
8246005 1 TR 11:00-12:20  
MEETS: AUG 20-DEC 14  
8246010 2 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

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.  
6473005 1 MTWR 9:00-9:50  
MEETS: AUG 20-DEC 14  
6473020 2 MTWR 10:00-10:50  
MEETS: AUG 20-DEC 14  
6473035 3 MTWR 11:00-11:50  
MEETS: AUG 20-DEC 14  
6473025 4 MTWR 2:10-3:00  
MEETS: AUG 20-DEC 14

## SPANISH (CONTINUED)

ELEM SPANISH II SPAN 102 4 CREDITS  
Prereq: SPAN 101, SPAN 97 OR PLACEMENT BY  
DEPARTMENTAL EXAM  
Note: Meets international perspectives reqmt  
6474005 1 MTWR 11:00-11:50  
MEETS: AUG 20-DEC 14  
6474010 2 MTWR 12:10-1:00  
MEETS: AUG 20-DEC 14

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 TWR 10:00-10:50  
M 10:00-10:50  
MEETS: AUG 20-DEC 14  
6477010 2 TWR 11:00-11:50  
M 11:00-11:50  
MEETS: AUG 20-DEC 14  
6477015 3 TWR 12:10-1:00  
M 12:10-1:00  
MEETS: AUG 20-DEC 14  
6477020 4 TWR 1:10-2:00  
M 1:10-2:00  
MEETS: AUG 20-DEC 14  
6477025 5 TWR 2:10-3:00  
M 2:10-3:00  
MEETS: AUG 20-DEC 14

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 MTR 1:10-2:00  
W 1:10-2:00  
MEETS: AUG 20-DEC 14

INTSVE INTRMED SPAN SPAN 297 4 CREDITS  
Prereq: FOUR YEARS OF HIGH SCHOOL SPANISH, TWO  
YEARS OF SPANISH AT A COMMUNITY COLLEGE, SPAN 201, OR  
EQUIVALENT BY PLACEMENT  
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 MTWR 10:00-10:50  
MEETS: AUG 20-DEC 14

CONVERS THRU CULTUR SPAN 303A 3 CREDITS  
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL  
EXAM  
Note: Meets international perspectives reqmt  
6142005 1 MWF 9:00-9:50  
MEETS: AUG 20-DEC 14  
6142010 2 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
6142015 3 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
6142020 4 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

CONVERS FOR PROFSNL SPAN 303B 3 CREDITS  
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL  
EXAM  
Note: SEC 1A,2A RESTRICTED TO WLC - SPAN MAJORS ONLY.  
SEC 1B,2B RESTRICTED TO MAJORS OTHER THAN WLC - SPAN.  
Meets international perspectives reqmt  
6160005 1A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
6160010 1B MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
6160015 2A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
6160020 2B MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
6160025 3A MWF 12:10-1:00  
MEETS: AUG 20-DEC 14  
6160030 3B MWF 12:10-1:00  
MEETS: AUG 20-DEC 14  
6160035 4A TR 11:00-12:20  
MEETS: AUG 20-DEC 14  
6160040 4B TR 11:00-12:20  
MEETS: AUG 20-DEC 14  
6160045 5A TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
6160050 5B TR 12:40-2:00  
MEETS: AUG 20-DEC 14

SPANISH FOR PROFSNL SPAN 304 3 CREDITS  
Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL  
EXAM; SPAN 301 RECOMMENDED  
Note: Meets international perspectives reqmt  
6482005 1 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
6482010 2 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

## SPANISH (CONTINUED)

TXTUAL&MEDIA ANALYS SPAN 314 3 CREDITS  
 Prereq: SPAN 301  
 Note: Meets international perspectives reqmt  
 8894005 1 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 8894010 2 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

SPANISH CIVILIZATN SPAN 321 3 CREDITS  
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL  
 Note: Meets international perspectives reqmt  
 6483005 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

LATIN AMERICA TODAY SPAN 324 3 CREDITS  
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL  
 Note: Meets international perspectives reqmt  
 4100600 XW ARRANGED RIZO E  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

STU HISPAN ART/FILM SPAN 326 3 CREDITS  
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL  
 Note: Meets international perspectives reqmt  
 5030600 XW ARRANGED WALDEMER T  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

STDI LATIN AMER LIT SPAN 332 3 CREDITS  
 Prereq: SPAN 314  
 Note: Meets international perspectives reqmt  
 6487005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

INTR SPAN/ENG TRNSL SPAN 351 3 CREDITS  
 Prereq: SPAN 301, SPAN 303 OR SPAN 304  
 Note: Meets international perspectives reqmt  
 5071600 XW ARRANGED WALDEMER T  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

INTR SPANSH PHONOLG SPAN 352 3 CREDITS  
 Prereq: SPAN 301, SPAN 303 OR SPAN 304  
 Note: Meets international perspectives reqmt  
 3382005 1 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

SEM LIT&CUL LATN AM SPAN 445 3 CREDITS  
 Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333  
 (RECOMMEND SPAN 332 & SPAN 333)  
 Note: Meets international perspectives reqmt  
 6496005 1 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

21ST CNTURY SPANISH SPAN 463 3 CREDITS  
 Prereq: SPAN 352  
 Note: Meets international perspectives reqmt  
 8900005 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY SPAN 490 1- 6 CREDITS  
 Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT 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 INTERNSHIP SPAN 499 1- 3 CREDITS  
 Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN  
 OF ADVISER AND WORLD LANGUAGES AND CULTURES  
 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: 6 CR IN SPAN LIT OR CULTURE AT 400 LEVEL  
 Note: Meets international perspectives reqmt  
 4728600 XW ARRANGED WALDEMER T  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

SEM LIT&CUL LATN AM SPAN 545 3 CREDITS  
 Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT  
 400 LEVEL  
 7468005 1 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

SPL TOP LINGUISTICS SPAN 590B 1- 4 CREDITS  
 Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN  
 ARRANGED  
 2588005 MEETS: AUG 20-DEC 14

## SPANISH (CONTINUED)

SPL TOP SPAN CIVLZN SPAN 590D 1- 4 CREDITS  
 Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN  
 3907043 EM ARRANGED  
 MEETS: AUG 20-DEC 14

## SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CREDITS  
 Prereq: C I 204 OR C I 205  
 Note: Meets U.S. diversity reqmt  
 Department permission required 1st week.  
 6452005 1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

INTR INST MI/M DSAB SP ED 330 3 CREDITS  
 Prereq: SP ED 250, CONCURRENT ENROLLMENT IN  
 C I 280I, C I 377  
 Note: Department permission required 1st week.  
 2260005 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

EXCEP LRN GEN CLASS SP ED 334 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN SP ED 330  
 Note: Department permission required 1st week.  
 6461005 1 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

TCH SCDRY EXCEP GEN SP ED 401 3 CREDITS  
 5059005 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14

ASMT&INSTR INCLS K3 SP ED 405 4 CREDITS  
 Prereq: SP ED 250 OR EQUIVALENT, C I 377,  
 C I 438; ADMISSION TO TEACHER EDUCATION.  
 CONCURRENT ENROLLMENT IN SP ED 458, C I 433,  
 C I 439, C I 468I.  
 5773005 MW 11:00-1:30  
 MEETS: AUG 20-DEC 14

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS  
 Prereq: FULL ADMISSION TO TEACHER EDUC, SENIOR  
 CLASSIFICATION, MAJOR IN ELEMENTARY EDUC, SP ED 330,  
 SP ED 334, SP ED 365, SP ED 436, SP ED 439,  
 C I 280I, C I 452  
 Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL  
 OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER  
 EDUCATION PROGRAM  
 Department permission required 1st week.  
 3286005 1A ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 1A OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING IN CENTRAL IOWA.  
 3286010 1R ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: SEC 1R OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING OUTSIDE CENTRAL IOWA.  
 3286015 2A ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 2A OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING IN CENTRAL IOWA.  
 3286020 2R ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: SEC 2R OFFERED FOR 8 CREDITS. FOR STUDENTS  
 TEACHING OUTSIDE CENTRAL IOWA.

PRE-TCHG III:M DSBL SP ED 459 1 CREDIT  
 Prereq: SP ED 330, SP ED 334, SP ED 365,  
 SP ED 436; ADMISSION TO UNIVERSITY TEACHER ED PROGRAM  
 Note: COURSE RESTRICTED TO STUDENTS WITH FULL  
 ADMISSION TO THE TEACHER ED PROGRAM  
 Satisfactory-Fail Only.  
 1883005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required 1st week.

SPECIAL ED SEMINAR SP ED 460 1 CREDIT  
 Prereq: SP ED 436 AND CONCURRENT ENROLLMENT  
 IN SP ED 459  
 Note: COURSE RESTRICTED TO STUDENTS WITH FULL  
 ADMISSION TO THE TEACHER ED PROGRAM  
 1360005 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required 1st week.

COLLAB PARTNERSHIPS SP ED 464 3 CREDITS  
 Prereq: SP ED 365, SP ED 436  
 Note: COURSE RESTRICTED TO STUDENTS WITH FULL  
 ADMISSION TO THE TEACHER ED PROGRAM  
 7963005 1 W 5:10-8:00PM  
 MEETS: AUG 20-DEC 14  
 Note: Department permission required 1st week.

INDEPENDENT STUDY SP ED 490 1- 5 CREDITS  
 Prereq: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR  
 Note: Department permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL EDUCATION (CONTINUED)

FND BEHAV DIS&LRN D SP ED 511 3 CREDITS  
 Prereq: SP ED 501 OR EQUIVALENT  
 8694005 1 W 5:10-8:00PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS SATURDAY MEETINGS -  
 DATES AND TIMES TO BE ANNOUNCED

ASSESS CHLD DISABIL SP ED 515 3 CREDITS  
 Prereq: SP ED 510 OR SP ED 511  
 6465005 1 M 5:10-8:00PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: THE ARRANGED TIME REPRESENTS SATURDAY MEETINGS -  
 DATES AND TIMES TO BE ANNOUNCED

TCH STRUGL ADOL RDR SP ED 553 3 CREDITS  
 Prereq: TEACHING LICENSE OR SENIOR CLASSIFICATION  
 7663005 1 W 5:10-8:00PM  
 MEETS: AUG 20-DEC 14

SPECIAL TOPICS SP ED 590 1- 5 CREDITS  
 Prereq: 15 CRS 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 A MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS

8643005 1 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

8643010 2 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

8643015 3 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

8643020 4 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

8643025 5 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

8643030 6 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

8643035 7 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

8643040 8 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

8643045 9 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

8643050 10 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

8643055 11 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

8643060 12 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

8643065 13 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

8643070 14 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

8643075 15 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

8643080 16 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

8643085 17 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

8643090 18 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

8643095 19 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

8643100 20 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

8643105 21 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

8643110 22 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

8643115 23 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

8643120 24 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

8643125 25 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

8643130 26 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

8643135 27 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

8643140 28 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

8643145 29 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

8643150 30 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

SPEECH COMMUNICATION (CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS

8643155 31 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

8643160 32 TR 8:00-9:20  
 MEETS: AUG 20-DEC 14

8643165 33 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

8643170 34 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

8643175 35 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

8643180 36 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

8643185 37 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

8643190 38 TR 9:30-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 38 COURSE DELIVERY IS WEB AND CLASSROOM  
 BLENDED WITH 50% OF CLASS MEETINGS TAKING PLACE  
 ONLINE. ON-CAMPUS CLASSROOM MEETINGS HELD ON AUG 22,  
 28 SEPT 11,18,25,27 OCT 2,4,23,30 NOV 1,6,8,29  
 DEC 4,6

8643195 39 TR 11:00-12:15  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 39 COURSE DELIVERY IS WEB AND CLASSROOM  
 BLENDED WITH 50% OF CLASS MEETINGS TAKING PLACE  
 ONLINE. ON-CAMPUS CLASSROOM MEETINGS HELD ON AUG 22,  
 28 SEPT 11,18,25,27 OCT 2,4,23,30 NOV 1,6,8,29  
 DEC 4,6

8643200 40 TR 12:40-2:00  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 40 COURSE DELIVERY IS WEB AND CLASSROOM  
 BLENDED WITH 50% OF CLASS MEETINGS TAKING PLACE  
 ONLINE. ON-CAMPUS CLASSROOM MEETINGS HELD ON AUG 22,  
 28 SEPT 11,18,25,27 OCT 2,4,23,30 NOV 1,6,8,29  
 DEC 4,6

8643205 41 TR 12:40-2:00  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 41 COURSE DELIVERY IS WEB AND CLASSROOM  
 BLENDED WITH 50% OF CLASS MEETINGS TAKING PLACE  
 ONLINE. ON-CAMPUS CLASSROOM MEETINGS HELD ON AUG 22,  
 28 SEPT 11,18,25,27 OCT 2,4,23,30 NOV 1,6,8,29  
 DEC 4,6

8643210 42 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

8643215 43 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

GREAT AMER SPEECHES SP CM 216 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 4976005 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

ANLYS POP CULTR TXT SP CM 275 3 CREDITS  
 Prereq: ENGL 250 OR EQUIVALENT

1325005 A TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

1325010 B TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

SPECIAL PROJECTS SP CM 290 1- 2 CREDITS  
 Prereq: 3 CREDITS IN SP CM; PERMISSION OF  
 PROGRAM DIRECTOR  
 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

LANGUAG,THOUGHT&ACT SP CM 305 3 CREDITS  
 Prereq: ENGL 250  
 Note: Instructor permission required 1st week.  
 6427005 A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

BUSINESS&PRO SPEAKG SP CM 312 3 CREDITS  
 Prereq: SP CM 212

6429005 A1 TR 11:00-12:20  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 COURSE DELIVERY IS WEB AND CLASSROOM  
 BLENDED WITH 50% OF CLASS MEETINGS TAKING PLACE  
 ONLINE. ON-CAMPUS CLASSROOM MEETING DATES ANNOUNCED  
 IN CLASSROOM ON AUG 22.

6429010 A2 TR 11:00-12:20  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 COURSE DELIVERY IS WEB AND CLASSROOM  
 BLENDED WITH 50% OF CLASS MEETINGS TAKING PLACE  
 ONLINE. ON-CAMPUS CLASSROOM MEETING DATES ANNOUNCED  
 IN CLASSROOM ON AUGUST 22ND. RESTRICTED TO MAJORS  
 OTHER THAN SP CM.

6429015 B1 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

6429020 B2 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN SP CM

6429025 C1 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14

6429030 C2 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC C2 RESTRICTED TO MAJORS OTHER THAN SP CM

SPEECH COMMUNICATION (CONTINUED)

GENDER & COMMUNICTN SP CM 323 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 2640005 A MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 2640010 B MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 2640015 C MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

CAMPAIGN RHETORIC SP CM 417 3 CREDITS  
 Prereq: SP CM 212  
 6441005 A1 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO POL S, SP CM MAJORS ONLY  
 6441010 A2 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 FOR MAJORS OTHER THAN POL S, SP CM

INDEPENDENT STUDY SP CM 490 1- 3 CREDITS  
 Prereq: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN,  
 PERMISSION OF PROGRAM DIRECTOR  
 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: SP CM 313; 9 CR IN SP CM; MINIMUM GPA  
 OF 2.5 IN SP CM COURSES  
 6446005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

COMMUNIC INTERNSHIP SP CM 499 1- 3 CREDITS  
 Prereq: 18 CR IN SP CM COURSES, OTHER COURSES  
 ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR  
 STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0  
 IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE  
 Note: NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD THE  
 MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS  
 IN SP CM 499 MAY BE APPLIED TOWARD THE MINOR.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROSEM:TCH FUND SPK SP CM 513 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2093005 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required.

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 STUDI:RHETORIC SP CM 592A 3 CREDITS  
 Prereq: 12 CR IN RHETORIC, LINGUISTICS, OR LIT  
 EXCLUDING ENGL 150 AND ENGL 250  
 1374005 A W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

CORE STU:PRO CMUNIC SP CM 592C 3 CREDITS  
 Prereq: 12 CR IN REHTORIC, LINGUISTICS, OR LIT  
 EXCLUDING ENGL 150 AND ENGL 250  
 Note: COURSE RESTRICTED TO ENGL, TCOMM GRAD STUDENTS  
 1388005 A TR 11:00-12:40  
 MEETS: AUG 20-DEC 14  
 1388010 B TR 1:40-3:20  
 MEETS: AUG 20-DEC 14

STATISTICS

STATISTICS ORIENTAT STAT 100 R CREDIT  
 Satisfactory-Fail Only.  
 6501010 W 12:10-1:00  
 MEETS: AUG 20-DEC 14

PRIN OF STATISTICS STAT 101 4 CREDITS  
 Prereq: ONE AND A HALF YRS OF H S ALGEBRA  
 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 A MWF 9:00-9:50  
 M 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 6502010 B MWF 9:00-9:50  
 M 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 6502015 C MWF 10:00-10:50  
 T 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 6502020 D MWF 10:00-10:50  
 T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 6502025 E MWF 11:00-11:50  
 W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.

STATISTICS (CONTINUED)

PRIN OF STATISTICS STAT 101 4 CREDITS  
 6502030 F MWF 11:00-11:50  
 W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 6502035 G MWF 3:10-4:00  
 R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 6502040 H MWF 3:10-4:00  
 R 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 6502045 J MWF 2:10-3:00  
 T 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 6502050 K MWF 2:10-3:00  
 T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 6502055 L MWF 1:10-2:00  
 W 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 6502060 M MWF 1:10-2:00  
 W 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.

INTRO TO STATISTICS STAT 104 3 CREDITS  
 Prereq: 1 & 1/2 YRS OF H S ALGEBRA  
 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 A TR 8:00-8:50  
 F 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 6503010 B TR 8:00-8:50  
 F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 6503015 C MW 11:00-11:50  
 R 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 6503020 D TR 2:10-3:00  
 F 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 6503025 E TR 2:10-3:00  
 F 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 6503030 F MW 9:00-9:50  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14

INTRO STAT FOR ENGR STAT 105 3 CREDITS  
 Prereq: MATH 165  
 Note: RESTRICTED TO MTEOR, COM S, P CS AND COLLEGE OF  
 ENGINEERING MAJORS. CREDIT FOR EITHER STAT 105 OR  
 STAT 305, BUT NOT BOTH, MAY BE APPLIED TOWARD  
 GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY  
 BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104,  
 STAT 105, STAT 201, STAT 226.  
 6504005 A TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 6504010 B TR 11:00-12:15  
 MEETS: AUG 20-DEC 14

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,  
 ECON, FIN, I BUS, MGMT, MIS, MKT, P BUS, SCM MAJORS.  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/students/exams/night-exams>.  
 3975005 A TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 3975010 B TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 3975015 C TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 3975020 D TR 2:10-3:30  
 MEETS: AUG 20-DEC 14  
 3975025 E TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 3975030 F TR 9:30-10:50  
 MEETS: AUG 20-DEC 14  
 3975035 G TR 8:00-9:20  
 MEETS: AUG 20-DEC 14  
 3975040 J TR 11:00-12:20  
 MEETS: AUG 20-DEC 14  
 3975045 K TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

## STATISTICS

(CONTINUED)

PROB&INFERNC, ENGRS STAT 231 4 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MATH 265  
(OR MATH 265H)  
Note: Instructor permission required 1st week.  
6507005 A MTRF 12:10-1:00  
MEETS: AUG 20-DEC 14

INTMD STT CNCPT&MTH STAT 301 4 CREDITS  
Prereq: STAT 101 OR STAT 104 OR STAT 105 OR  
STAT 201  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES  
MAY BE APPLIED TOWARD GRADUATION: STAT 301,  
STAT 326, STAT 401  
4710005 A MWF 9:00-9:50  
R 12:10-2:00  
MEETS: AUG 20-DEC 14  
4710010 B MWF 11:00-11:50  
R 4:10-6:00PM  
MEETS: AUG 20-DEC 14

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 A TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
6509010 B TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
6509015 C TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
6509020 D TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
6509025 E TR 8:00-9:20  
MEETS: AUG 20-DEC 14  
6509030 F TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
6509035 G TR 2:10-3:30  
MEETS: AUG 20-DEC 14

PROBAB MTH,ELEC ENG STAT 322 3 CREDITS  
Prereq: E E 224  
6857005 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

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  
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).  
6510005 A MW 2:10-3:00  
R 10:00-11:50  
MEETS: AUG 20-DEC 14  
6510010 B MW 2:10-3:00  
R 2:10-4:00  
MEETS: AUG 20-DEC 14  
6510015 C MW 2:10-3:00  
F 10:00-11:50  
MEETS: AUG 20-DEC 14  
6510020 D MW 2:10-3:00  
F 12:10-2:00  
MEETS: AUG 20-DEC 14  
6510025 E MW 2:10-3:00  
R 8:00-9:50  
MEETS: AUG 20-DEC 14  
6510030 F MW 12:10-1:00  
R 12:10-2:00  
MEETS: AUG 20-DEC 14  
6510035 G MW 12:10-1:00  
R 4:10-6:00PM  
MEETS: AUG 20-DEC 14  
6510040 J MW 12:10-1:00  
F 8:00-9:50  
MEETS: AUG 20-DEC 14

PROBAB&STAT COM SCI STAT 330 3 CREDITS  
Prereq: MATH 166  
7372005 A MWF 12:10-1:00  
MEETS: AUG 20-DEC 14  
7372010 B MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

VISUL CMM QNTV INFO STAT 332 3 CREDITS  
Prereq: STAT 101, STAT 104, STAT 201 OR STAT 226;  
ENGL 250  
5854005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

INTR THY PROBAB&S I STAT 341 4 CREDITS  
Prereq: MATH 265 (OR MATH 265H)  
Note: CREDIT FOR EITHER STAT 341/MATH 341 OR STAT 447,  
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
6511005 A MWF 10:00-10:50  
T 12:10-2:00  
MEETS: AUG 20-DEC 14

## STATISTICS

(CONTINUED)

INTR THY PR&STAT II STAT 342 4 CREDITS  
Prereq: STAT 201 OR EQUIVALENT; STAT 341;  
MATH 207 OR MATH 317  
6512005 A MWF 11:00-11:50  
T 2:10-4:00  
MEETS: AUG 20-DEC 14

STAT QUALITY ASSURN STAT 361 3 CREDITS  
Prereq: STAT 231 OR STAT 401  
Note: COURSE RESTRICTED TO I E, STAT MAJORS ONLY  
6513005 A ARRANGED, T 3:40-5:40  
MEETS: AUG 20-DEC 14  
Note: SEC A1 TWO-HOUR LECTURE DELIVERY IS WWW.  
RESTRICTED TO I E MAJORS ONLY.

COOPERATIVE EDUCATN STAT 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
1530005 ARRANGED  
MEETS: AUG 20-DEC 14

STAT DESIGN&EXPERMT STAT 402 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401  
6515005 A MWF 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: SEC A RESTRICTED TO AG COLLEGE AND VET COLLEGE  
MAJORS, A E, A B E, BBMS, ECB, BIOCH, BIOL, BIOPH,  
BOT S, D EX, D EXH, DIETH, E G D, EEB, EEOB, EEOBS,  
ENSCS, FS H, FSHNH, GDCB, GDCBS, GENET, KIN, IMBIO,  
MATH, MCDB, NEURO, NS H, NUTR, NUTRS, P PHY, PDEXH,  
PLBIO, SUSAG, TOX, ZLGNS

REGRES SOC&BHAV RES STAT 404 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401  
6517005 TR 11:00-11:50  
F 2:10-4:00  
MEETS: AUG 20-DEC 14

MULTIVARIATE ANALYS STAT 407 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401,  
KNOWLEDGE OF MATRIX ALGEBRA  
6519005 MW 3:10-4:00  
T 4:10-6:00PM  
MEETS: AUG 20-DEC 14

EMPRCL MTHD CMP SCI STAT 430 3 CREDITS  
Prereq: STAT 330 OR EQUIVALENT COURSE, MATH 166,  
KNOWLEDGE OF LINEAR ALGEBRA  
8331005 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

APPL PROBLTY MODELS STAT 432 3 CREDITS  
Prereq: STAT 231 OR STAT 341 OR STAT 447  
6521005 TR 8:00-9:20  
MEETS: AUG 20-DEC 14

CMPTR PROCESSG DATA STAT 479 3 CREDITS  
Prereq: STAT 301 OR STAT 326 OR STAT 401  
6526005 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY STAT 490 VAR. CREDITS  
Prereq: 10 CREDITS IN STATISTICS  
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 CR IN STAT, MEMBERSHIP IN HONORS PROG  
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

STATISTICL METHDS I STAT 500 4 CREDITS  
Prereq: STAT 447 OR CURRENT ENROLLMENT IN  
STAT 542; KNOWLEDGE OF MATRIX ALGEBRA  
6529005 MWF 11:00-11:50  
T 2:10-4:00  
MEETS: AUG 20-DEC 14

DSGN OF EXPERIMENTS STAT 512 3 CREDITS  
Prereq: STAT 510  
6532005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

STATISTICL METHDS III STAT 520 3 CREDITS  
Prereq: STAT 510, STAT 447 OR STAT 543  
4876005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

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  
9455005 ARRANGED  
MEETS: AUG 20-DEC 14

STATISTICS (CONTINUED)

STATISTICS (CONTINUED)

VISUAL BSNS 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  
 9456005 ARRANGED  
 MEETS: AUG 20-DEC 14

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 MTRF 9:00-9:50  
 MEETS: AUG 20-DEC 14

INTRO STOCHAST PROC STAT 554 3 CREDITS  
 Prereq: STAT 542  
 6617005 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

ITEM RESPONSE THEOR STAT 559X 3 CREDITS  
 Prereq: STAT 401 OR STAT 500  
 8918005 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14

MTHDS BIostat&EPIDM STAT 565 3 CREDITS  
 Prereq: STAT 500 OR STAT 401; STAT 543 OR STAT 447  
 6540005 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14

AN INTRODUCTN TO R STAT 579 1 CREDIT  
 Prereq: ENROLLMENT IN STAT 500  
 6552005 A R 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A RESTRICTED TO STAT MAJORS ONLY  
 6552010 B T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC B RESTRICTED TO MAJORS OTHER THAN STAT

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 588 MAY NOT BE APPLIED TOWARD GRADUATION AS GRADUATE CREDIT IN STATISTICS MS AND PH D DEGREE PROGRAMS  
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
 3680005 A MWF 8:00-8:50  
 M 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 3680010 B MWF 1:10-2:00  
 R 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.  
 3680015 C MWF 11:00-11:50  
 M 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 3680020 D MWF 9:00-9:50  
 W 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 Note: Instructor permission required 1st week.

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  
 3694005 TR 12:40-2:00  
 W 1:10-2:00  
 MEETS: AUG 20-DEC 14

SPECL TOPICS THEORY STAT 590A VAR. CREDITS  
 6554005 ARRANGED  
 MEETS: AUG 20-DEC 14

SPCL TOPICS METHODS STAT 590B VAR. CREDITS  
 6555005 ARRANGED  
 MEETS: AUG 20-DEC 14

SPL TOP DESGN EXPR STAT 590C VAR. CREDITS  
 6556005 ARRANGED  
 MEETS: AUG 20-DEC 14

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS  
 6557005 ARRANGED  
 MEETS: AUG 20-DEC 14

SPL TOPCS STAT EDUC STAT 590E VAR. CREDITS  
 8521005 ARRANGED  
 MEETS: AUG 20-DEC 14

SPL TOP COMP&GRPHCS STAT 590F VAR. CREDITS  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018  
 9765005 ARRANGED  
 MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN STAT 598 R CREDIT  
 Prereq: PERMISSION OF THE DEPARTMENT CHAIR  
 4153005 ARRANGED  
 MEETS: AUG 20-DEC 14

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 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

THY&APP LINEAR MODL STAT 611 3 CREDITS  
 Prereq: STAT 510; STAT 542 OR STAT 447;  
 A COURSE IN MATRIX ALGEBRA  
 6561005 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

ADV THRY SURVEY STT STAT 621 3 CREDITS  
 Prereq: STAT 521  
 6563005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

FOUND PRBABLY THRY STAT 641 3 CREDITS  
 Prereq: MATH 414 OR MATH 510 OR EQUIVALENT COURSE  
 4887005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

ADV THRY ST INFERNC STAT 643 3 CREDITS  
 Prereq: STAT 543, STAT 642  
 6566005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

ADV BAYESIAN THEORY STAT 644 3 CREDITS  
 Prereq: STAT 544, STAT 642  
 3869005 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

ADVANC D TIME SERIES STAT 651 3 CREDITS  
 Prereq: STAT 551, STAT 642  
 6570005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

ADV STAT COMPUTING STAT 680 3 CREDITS  
 Prereq: STAT 543 AND STAT 580  
 3421005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6851005 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV SPL TOP METHODS STAT 690B VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6852005 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV TOP SAMP SURVEY STAT 690D VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6855005 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV TOP STAT COMPUT STAT 690E VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
 1709005 1 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV TOPICS GRAPHICS STAT 690F VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 3189005 ARRANGED  
 MEETS: AUG 20-DEC 14

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, AG B, AG SO, AST, BUS S, BUS U, BUSEC, ENTSP, FIN, I TEC, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY.  
 SEC A2,B2,ETC. RESTRICTED TO MAJORS OTHER THAN ACCT, AG B, AG SO, AST, BUS S, BUS U, BUSAD, BUSEC, ENTSP, FIN, I TEC, MGMT, MIS, MKT, P BUS, SCM.  
 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/](http://www.registrar.iastate.edu/students/exams/night-exams)  
 1629005 A1 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 1629010 A2 MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 1629015 B1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

SUPPLY CHAIN MANAGEMENT (CONTINUED)

SUPPLY CHAIN MGMT SCM 301 3 CREDITS  
 1629020 B2 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 1629025 C1 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 1629030 C2 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 1629035 D1 T 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 1629040 D2 T 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 1629045 E1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 1629050 E2 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 1629055 F1 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 1629060 F2 MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 1629065 G1 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 1629070 G2 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 1629085 J1 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 1629090 J2 MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 1629095 K1 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 1629100 K2 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 1629105 L1 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 1629110 L2 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 1629115 M1 M 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 1629120 M2 M 6:40-9:25PM  
 MEETS: AUG 20-DEC 14  
 1629125 N1 T 12:40-1:55, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC N1 IS A HYBRID CLASS THAT WILL MEET TUESDAYS WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE  
 1629130 N2 T 12:40-1:55, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC N2 IS A HYBRID CLASS THAT WILL MEET TUESDAYS WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE  
 1629135 P1 R 12:40-1:55, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC P1 IS A HYBRID CLASS THAT WILL MEET THURSDAYS WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE  
 1629140 P2 R 12:40-1:55, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC P2 IS A HYBRID CLASS THAT WILL MEET THURSDAYS WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE  
 1629145 Q1 MW 4:10-5:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC Q1 IS A HYBRID SEC. THAT WILL MEET MONDAY & WEDNESDAY WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE  
 1629150 Q2 MW 4:10-5:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC Q2 IS A HYBRID SEC. THAT WILL MEET MONDAY & WEDNESDAY WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE

PROJECT MANAGEMENT SCM 340 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MIS 301  
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS. SEC A2,B2,C2 RESTRICTED TO COLLEGES OTHER THAN BUSINESS.  
 7426005 A1 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 7426010 A2 TR 9:30-10:45  
 MEETS: AUG 20-DEC 14  
 7426015 B1 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 7426020 B2 TR 2:10-3:25  
 MEETS: AUG 20-DEC 14  
 7426025 C1 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 7426030 C2 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 7426040 D1 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14  
 7426045 D2 TR 5:10-6:25PM  
 MEETS: AUG 20-DEC 14

PROCSS MGT,AN&IMPRV SCM 424 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 5287005 A TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 5287010 B MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5287015 C MWF 8:00-8:50  
 MEETS: AUG 20-DEC 14

SUPPLY CHAIN MANAGEMENT (CONTINUED)

SPL TOPICS OPER MGT SCM 428 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 6819005 A MWF 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 SUPPLY CHAIN INFO SY SCM 440 3 CREDITS  
 Prereq: MIS 301, SCM 301  
 6856005 A1 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO MIS, SCM MAJORS ONLY  
 6856010 A2 MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO ACCT, BUSEC, BUS U, FIN, MGMT, MKT UNDERGRAD MAJORS  
 ERP SYS&SUPPLY CHAIN SCM 450 3 CREDITS  
 Prereq: SCM 301, MIS 301 OR I E 148, I E 341  
 Note: COURSE RESTRICTED TO MIS, SCM UNDERGRAD MAJORS. GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD  
 8120005 A MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 SPLY CHN PLAN&CNTRL SCM 453 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS MAJORS EXCEPT P BUS. GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 4729005 A MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 4729010 B MWF 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 4729015 C MWF 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 DECISN TOOLS LOG&OP SCM 460 3 CREDITS  
 Prereq: SCM 301  
 Note: SEC A1,B1,C1 RESTRICTED TO COLLEGE OF BUSINESS UNDERGRAD MAJORS ONLY. SEC A2,B2,C2 RESTRICTED TO COLLEGES OTHER THAN BUSINESS. COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 6790005 A1 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 6790010 A2 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 6790015 B1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 6790020 B2 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 6790025 C1 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 6790030 C2 TR 8:00-9:15  
 MEETS: AUG 20-DEC 14  
 PRIN TRANSPORTATION SCM 461 3 CREDITS  
 Prereq: SCM 301  
 Note: GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD  
 6791005 A1 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO SCM MAJORS ONLY  
 6791010 A2 TR 12:40-1:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN P BUS, SCM MAJORS  
 6791015 B1 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC B1 RESTRICTED TO SCM MAJORS ONLY  
 6791020 B2 TR 3:40-4:55  
 MEETS: AUG 20-DEC 14  
 Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN P BUS, SCM MAJORS

PRIN PRCHS&SUPPLY MGT SCM 486 3 CREDITS  
 Prereq: SCM 301  
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRADS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
 4788005 A MW 11:00-11:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC A IS A HYBRID CLASS THAT WILL MEET MON AND WED IN A CLASSROOM WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE (ONLINE REPRESENTED BY 'ARRANGED').  
 4788010 B MW 3:10-4:00, ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC B IS A HYBRID CLASS THAT WILL MEET MON AND WED IN A CLASSROOM WITH THE REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE (ONLINE REPRESENTED BY 'ARRANGED').  
 4788015 C M 6:40-8:20PM  
 ARRANGED  
 MEETS: AUG 20-DEC 14



## SUPPLY CHAIN MANAGEMENT

(CONTINUED)

INDEPENDENT STUDY SCM 490 1- 3 CREDITS  
Prereq: SCM 301, SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION  
Note: Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CASE PRACTICUM SCM 495 3 CREDITS  
Prereq: SCM 301  
4577005 A M 5:10-6:25PM  
ARRANGED  
MEETS: AUG 20-DEC 14

SPECIAL TOPICS SCM 590 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THEOR FOUNDATNS SCM SCM 601 3 CREDITS  
Prereq: MGMT 601 OR PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
8037005 A T 2:10-5:00  
MEETS: AUG 20-DEC 14

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

DISSERTATION SCM 699 12 CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF DISSERTATION SUPERVISOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**SUSTAINABLE AGRICULTURE**

AGROECOSYSTEMS ANALYS SUSAG 509 4 CREDITS  
Prereq: SENIOR OR ABOVE CLASSIFICATION; PERMISSION OF INSTRUCTOR  
Note: COURSE IS FOR SUSAG MAJORS. NON-MAJORS BY PERMISSION OF THE INSTRUCTOR.  
4931005 1 TR 2:10-3:30 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: REQUIRED FIELD TRIP WEEK BEFORE CLASSES BEGIN

SPECIAL TOPICS SUSAG 590 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION  
\*\*\*\*\* 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 3:10-5:00 HILL C  
MEETS: AUG 20-DEC 14  
Section info: <https://susag.iastate.edu/colloquium>

FOUND SUSTAINBLE AG SUSAG 610 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION  
Note: COURSE IS FOR SUSAG MAJORS. NON-MAJORS BY PERMISSION OF THE INSTRUCTOR.  
5047005 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

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

**SUSTAINABLE ENVIRONMENTS**

SUSTNB DSIGN STO II SUS E 502 5 CREDITS  
Prereq: SUS E 501, SUS E 512, SUS E 531  
3369005 ARRANGED  
MEETS: AUG 20-DEC 14

SUSTNB DSN COLLOQ I SUS E 511 3 CREDITS  
Prereq: ADMISSION TO MDSE PROGRAM  
3542005 1 M 9:00-11:50  
MEETS: AUG 20-DEC 14

FOUNDTN SUSTNB DSGN SUS E 521 3 CREDITS  
Prereq: GRADUATE STANDING, OR SENIOR CLASSIFICATION WITH INSTRUCTOR PERMISSION  
3733005 1 W 9:00-11:50  
MEETS: AUG 20-DEC 14

RESILIENT ENVIRNMTS SUS E 550 3 CREDITS  
9117005 A R 5:10-8:00PM HAMIDEH S  
ARRANGED  
MEETS: AUG 20-DEC 14

**TECHNOLOGY & SOCIAL CHANGE**

GLOBAL SUSTAINBLTY T SC 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  
3640600 XW ARRANGED HALLAM A  
MEETS: SEPT 3-DEC 14  
Note: Section XW is off campus  
Course delivery is WW

WORLD FOOD ISSUES T SC 342 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
5256005 1 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO AGRON, CS A, CS H, DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA, PDEXH MAJORS ONLY

5256010 2 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

5256015 3 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

5256020 4 MWF 12:10-1:00  
MEETS: AUG 20-DEC 14

**TECHNOLOGY SYSTEMS MANAGEMENT**

INTRO TO TECHNOLOGY TSM 110 1 CREDIT  
Prereq: CLASSIFICATION IN AN AST OR I TEC MAJOR OR PERMISSION OF INSTRUCTOR  
2533005 A F 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC A RESTRICTED TO I TEC AND AST MAJORS ONLY

2533010 B F 11:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC B RESTRICTED TO AST AND I TEC MAJORS ONLY

EXPERNCING TECHNOL TSM 111 1 CREDIT  
Prereq: AST AND I TEC MAJORS ONLY OR PERMISSION OF INSTRUCTOR  
8507005 A W 2:10-4:00  
MEETS: AUG 20-OCT 12

8507010 B W 2:10-4:00  
MEETS: OCT 15-DEC 14

SOLV TECHNOL PROBLM TSM 115 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN MATH 140 OR HIGHER  
1358005 A MW 10:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC A RESTRICTED TO AST, I TEC MAJORS ONLY

INTR DSIGN IN TCNOL TSM 116 3 CREDITS  
4496005 A TR 10:00-11:50  
MEETS: AUG 20-DEC 14  
Note: SEC A RESTRICTED TO AST, I TEC MAJORS ONLY

4496010 B MW 12:10-2:00  
MEETS: AUG 20-DEC 14

SMNR:PREP FOR WRKPL TSM 201 1 CREDIT  
Prereq: SOPH CLASSIF IN A E, AST, BSE, OR I TEC  
1384005 MW 4:10-5:00  
MEETS: AUG 20-OCT 12

FUND OF TECHNOLOGY TSM 210 3 CREDITS  
Prereq: TSM 115 OR EQUIVALENT, MATH 140 OR HIGHER  
1359005 TR 11:00-12:20  
MEETS: AUG 20-DEC 14

MANAGING TECNL PROJ TSM 214 1 CREDIT  
Prereq: TSM 201 OR A B E 201; SOPHOMORE CLASSIFICATION IN A E, AST, BSE, OR I TEC  
4057005 A MW 4:10-5:00  
MEETS: OCT 15-DEC 14

ADV TECH GRPHCS&CAD TSM 216 2 CREDITS  
Prereq: TSM 116  
4504005 A TR 12:40-2:00  
MEETS: AUG 20-DEC 14

4504010 B TR 3:40-5:00  
MEETS: AUG 20-DEC 14

INTRO MFG PROC METL TSM 240 3 CREDITS  
Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY  
6601005 A M 2:10-3:00  
TR 8:00-9:50  
MEETS: AUG 20-DEC 14

6601010 B M 2:10-3:00  
TR 10:00-11:50  
MEETS: AUG 20-DEC 14

6601015 C M 2:10-3:00  
WF 8:00-9:50  
MEETS: AUG 20-DEC 14

6601020 D M 2:10-3:00  
WF 10:00-11:50  
MEETS: AUG 20-DEC 14

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

PRIN INJURY PREVENT TSM 270 3 CREDITS  
 5625005 A ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Course delivery is WWW

TOTAL QUAL IMPROVMT TSM 310 3 CREDITS  
 Prereq: STAT 101 OR STAT 104, JR CLASSIFICATION  
 9202008 A T 11:00-12:15  
 ARRANGED  
 MEETS: AUG 20-DEC 14

BIORENEWABLE SYSTMS TSM 325 3 CREDITS  
 Prereq: CHEM 163 OR HIGHER; MATH 140 OR HIGHER  
 4747005 A TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 4747010 B TR 3:40-5:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC B RESTRICTED TO AST MAJORS ONLY

ANIM PRODUCTION SYS TSM 327 3 CREDITS  
 Prereq: TSM 210  
 1362005 A M 11:00-11:50  
 W 11:00-12:50  
 MEETS: AUG 20-DEC 14

TRACTOR POWER TSM 335 4 CREDITS  
 Prereq: TSM 210, MATH 145  
 Note: COURSE RESTRICTED TO AST, I TEC, M E MAJORS ONLY  
 1348005 A MWF 10:00-10:50  
 M 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 1348010 B MWF 10:00-10:50  
 M 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 1348015 C MWF 10:00-10:50  
 W 11:00-1:50  
 MEETS: AUG 20-DEC 14  
 1348020 D MWF 10:00-10:50  
 W 3:10-6:00PM  
 MEETS: AUG 20-DEC 14

FLUID PWR SYS TCNOL TSM 337 3 CREDITS  
 Prereq: TSM 210  
 3335005 A MW 9:00-9:50  
 T 9:30-11:20  
 MEETS: AUG 20-DEC 14  
 3335010 B MW 9:00-9:50  
 T 12:10-2:00  
 MEETS: AUG 20-DEC 14  
 3335015 C MW 9:00-9:50  
 T 4:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 3335020 D MW 9:00-9:50  
 M 3:10-5:00  
 MEETS: AUG 20-DEC 14

ADV AUTOMA MFG PROC TSM 340 3 CREDITS  
 Prereq: TSM 210, TSM 216, TSM 240, MATH 151  
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY  
 4522005 A MW 8:00-8:50  
 W 2:10-4:00  
 MEETS: AUG 20-DEC 14  
 4522010 B MW 8:00-8:50  
 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 4522015 C MW 8:00-8:50  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 4522020 D MW 8:00-8:50  
 R 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 4522025 E MW 8:00-8:50  
 R 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 4522030 F MW 8:00-8:50  
 F 11:00-12:50  
 MEETS: AUG 20-DEC 14  
 4522035 G MW 8:00-8:50  
 F 1:10-3:00  
 MEETS: AUG 20-DEC 14

ELECTR FOR AG&INDUS TSM 363 4 CREDITS  
 Prereq: TSM 210  
 6831005 A TR 8:00-9:20  
 M 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 6831010 B TR 8:00-9:20  
 M 3:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 6831015 C TR 8:00-9:20  
 T 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 6831020 D TR 8:00-9:20  
 W 12:10-3:00  
 MEETS: AUG 20-DEC 14  
 6831025 E TR 8:00-9:20  
 R 12:10-3:00  
 MEETS: AUG 20-DEC 14

LEGAL ASPECT OCC SAF TSM 372 2 CREDITS  
 Prereq: TSM 371  
 5879005 A T 4:10-5:00, ARRANGED  
 MEETS: AUG 20-DEC 14

FIRE PROTECTN&PREVN TSM 376 3 CREDITS  
 5885005 A ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Course delivery is WWW

TECHNOLGY INTERNSHP TSM 397 R CREDIT  
 Prereq: AT LEAST 45 CREDITS OF COURSEWORK,  
 CLASSIFICATION IN AST OR I TEC MAJOR, APPROVAL  
 OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORK EXPRNCE TCHNOL TSM 399 2 CREDITS  
 Prereq: TSM 397 IN THE PRECEDING SEMESTER,  
 APPROVAL OF INTERNSHIP COORDINATOR  
 Note: NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.  
 COURSE RESTRICTED TO AST, I TEC MAJORS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APP PROJ MGT TECHNL TSM 415 2 CREDITS  
 Prereq: SENIOR CLASSIFICATION WITH LESS THAN  
 32 CREDITS REMAINING; TSM 214; CREDIT OR ENROLLMENT  
 FOR CREDIT IN TSM 310  
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY  
 6830005 A F 9:00-9:50, ARRANGED  
 MEETS: AUG 20-DEC 14

TECHNOLOGY CAPSTONE TSM 416 3 CREDITS  
 Prereq: TSM 415  
 7031005 A F 9:00-9:50, ARRANGED  
 MEETS: AUG 20-DEC 14

PRECISION AGRICULTR TSM 433 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 5333005 A1 MW 2:10-3:00  
 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5333010 A2 MW 2:10-3:00  
 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5333015 B1 MW 2:10-3:00  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5333020 B2 MW 2:10-3:00  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5333025 C1 MW 2:10-3:00  
 R 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 5333030 C2 MW 2:10-3:00  
 R 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 5333035 D1 MW 2:10-3:00  
 R 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 5333040 D2 MW 2:10-3:00  
 R 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 5333045 E1 MW 2:10-3:00  
 F 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5333050 E2 MW 2:10-3:00  
 F 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 5333055 F1 MW 2:10-3:00  
 F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5333060 F2 MW 2:10-3:00  
 F 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 5333065 G1 MW 2:10-3:00  
 F 1:10-3:00  
 MEETS: AUG 20-DEC 14  
 5333070 G2 MW 2:10-3:00  
 F 1:10-3:00  
 MEETS: AUG 20-DEC 14

CELLULR LEAN MFG SY TSM 440 3 CREDITS  
 Prereq: TSM 310  
 Note: COURSE RESTRICTED TO AST, I TEC SENIORS ONLY  
 4536005 A T 11:00-12:50  
 R 11:00-12:50  
 MEETS: AUG 20-DEC 14

MATERLS FOR TECHNOL TSM 443 3 CREDITS  
 Prereq: PHYS 111; MATH 145 OR MATH 151  
 6985005 A MW 2:10-3:00  
 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 6985010 B MW 2:10-3:00  
 R 12:40-2:30  
 MEETS: AUG 20-DEC 14

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

FACILITY PLANNING TSM 444 3 CREDITS  
 Prereq: TSM 216; TSM 240; STAT 101 OR STAT 104  
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY  
 4527005 A TR 2:10-3:25  
 MEETS: AUG 20-DEC 14

INDU HYGIEN:HAZARDS TSM 470 3 CREDITS  
 Prereq: MATH 151 OR HIGHER  
 5639005 A ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: Course delivery is WWW

SAFETY LABORATORY TSM 471 1 CREDIT  
 Prereq: CREDIT OR ENROLLMNT FOR CREDIT IN TSM 470  
 5640005 A W 11:00-12:50  
 MEETS: AUG 20-DEC 14

RISK ANALYSIS &MGMT TSM 477 3 CREDITS  
 Prereq: MATH 151; STAT 101 OR STAT 104  
 6873005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

INDEP STUDY HONORS TSM 490H 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 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 CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 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 CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 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 CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 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 STU OCCUP SAFET TSM 490O 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 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 AG&BIOSYS MGT TSM 493A 1- 4 CREDITS  
 1335005 A TR 9:30-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14

WKSHP MANUFACTURING TSM 493C 1- 4 CREDITS  
 1341005 A MF 2:10-3:00, ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: Tuition Category: Workshop

WKSHP OCCUPA SAFETY TSM 493D 1- 4 CREDITS  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2017.  
 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 ARRANGED FREEMAN S  
 MEETS: AUG 20-DEC 14  
 Note: Tuition Category: Workshop

PRECISION FARM SYST TSM 533 3 CREDITS  
 1200005 A MW 2:10-3:00  
 R 8:00-9:50  
 MEETS: AUG 20-DEC 14  
 1200010 B MW 2:10-3:00  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 1200015 C MW 2:10-3:00  
 R 3:10-5:00  
 MEETS: AUG 20-DEC 14  
 1200020 D MW 2:10-3:00  
 R 1:10-3:00  
 MEETS: AUG 20-DEC 14

RISK ANALYSIS &MGMT TSM 577 3 CREDITS  
 Prereq: MATH 151, STAT 101 OR STAT 104  
 6878005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

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

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

WORKSHOP IN TECHNOL TSM 593 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 4581005 A TR 9:30-10:50  
 ARRANGED  
 MEETS: AUG 20-DEC 14

MASTER'S TECH COMM TSM 598 1 CREDIT  
 Satisfactory-Fail Only.  
 1911005 ARRANGED  
 MEETS: AUG 20-DEC 14

CREATIVE COMPONENT TSM 599 1- 3 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR TSM 601 1 CREDIT  
 4583005 A R 4:10-5:00  
 MEETS: AUG 20-DEC 14

TEACHING PRACTICUM TSM 694 1- 3 CREDITS  
 1919005 ARRANGED  
 MEETS: AUG 20-DEC 14

TECHNOLGY INTERNSHP TSM 697 R CREDIT  
 Prereq: PERMISSION OF MAJOR PROFESSOR AND  
 APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION  
 Satisfactory-Fail Only.  
 4646005 ARRANGED  
 MEETS: AUG 20-DEC 14

DOCTORAL TECH COMM TSM 698 1 CREDIT  
 Satisfactory-Fail Only.  
 1926005 ARRANGED  
 MEETS: AUG 20-DEC 14

RESEARCH TSM 699 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**THEATRE**

INTR PERFORMNG ARTS THTRE 106 3 CREDITS  
 6729005 MWF 9:00-9:50  
 MEETS: AUG 20-DEC 14

THEATRE AND SOCIETY THTRE 110 3 CREDITS  
 1103005 A TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

THE ACTOR'S VOICE THTRE 151 3 CREDITS  
 6730005 A TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC A RESTRICTED TO MAJORS OTHER THAN EL ED  
 6730010 B TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SEC B RESTRICTED TO EL ED MAJORS ONLY

CONCERT&THTRE DANCE THTRE 224 .5- 2 CREDITS  
 Prereq: BY AUDITION ONLY  
 Note: Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 6731005 1 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 1 OFFERED FOR 1 CREDIT  
 6731010 2 ARRANGED  
 MEETS: AUG 20-DEC 14  
 Note: SEC 2 OFFERED FOR 2 CREDITS

## THEATRE (CONTINUED)

THEATRE PRACTICUM THTRE 250 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only  
6732005 A M 5:10-6:00PM  
ARRANGED  
6732010 B ARRANGED  
MEETS: AUG 20-DEC 14  
MEETS: AUG 20-DEC 14

ACTING I THTRE 251 3 CREDITS  
6733005 A MWF 2:10-3:00  
MEETS: AUG 20-DEC 14  
6733010 Note: SEC A RESTRICTED TO MAJORS OTHER THAN EL ED  
B MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
6733015 Note: SEC B RESTRICTED TO MAJORS OTHER THAN EL ED  
C TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
6733020 Note: SEC C RESTRICTED TO MAJORS OTHER THAN EL ED  
D MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
6733025 Note: SEC D RESTRICTED TO MAJORS OTHER THAN EL ED  
E MWF 2:10-3:00  
MEETS: AUG 20-DEC 14  
6733030 Note: SEC E RESTRICTED TO EL ED MAJORS ONLY  
F MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
6733035 Note: SEC F RESTRICTED TO EL ED MAJORS ONLY  
G TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
6733040 Note: SEC G RESTRICTED TO EL ED MAJORS ONLY  
J MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
Note: SEC J RESTRICTED TO EL ED MAJORS ONLY

INTR THEATRICAL PROD THTRE 255 4 CREDITS  
6734005 A MWF 1:10-2:00  
M 2:10-5:00  
MEETS: AUG 20-DEC 14  
6734010 B MWF 1:10-2:00  
R 2:10-5:00  
MEETS: AUG 20-DEC 14  
6734015 C MWF 1:10-2:00  
W 2:10-5:00  
MEETS: AUG 20-DEC 14  
6734020 D MWF 1:10-2:00  
F 2:10-5:00  
MEETS: AUG 20-DEC 14

SCRIPT ANALYSIS THTRE 263 3 CREDITS  
6763005 MWF 11:00-11:50  
MEETS: AUG 20-DEC 14

SPECIAL PROJECTS THTRE 290 1- 3 CREDITS  
Prereq: 3 CREDITS IN THEATRE; PERMISSION OF  
INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSICAL THEATRE I THTRE 354 3 CREDITS  
Prereq: THTRE 251 OR MUSIC 232 OR 3 CREDITS IN  
DANCE  
3130005 A TR 9:30-10:50  
MEETS: AUG 20-DEC 14

STAGE MAKE-UP THTRE 357 2 CREDITS  
6739005 A TR 2:10-3:30 ARRANGED  
MEETS: AUG 20-DEC 14

ORAL INTERPRETATION THTRE 358 3 CREDITS  
6740005 A MWF 1:10-2:00  
MEETS: AUG 20-DEC 14  
6740010 B TR 12:40-2:00  
MEETS: AUG 20-DEC 14

THEATRICAL DESIGN I THTRE 365 3 CREDITS  
Prereq: THTRE 255  
7919005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

ACTING III THTRE 451 3 CREDITS  
Prereq: THTRE 351 AND PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO PERF MAJORS ONLY.  
MINORS OBTAIN SIGNATURE OF INSTRUCTOR - PROCESS  
APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES CENTER.  
6760005 TR 2:10-3:25  
MEETS: AUG 20-DEC 14

DIRECTING I THTRE 455 3 CREDITS  
Prereq: THTRE 255; THTRE 263; THTRE 251  
RECOMMENDED  
6747005 MW 3:10-4:30  
MEETS: AUG 20-DEC 14

HIST OF THEATRE I THTRE 465 3 CREDITS  
Prereq: HIST 201 OR EQUIVALENT  
6748005 TR 11:00-12:15  
MEETS: AUG 20-DEC 14

## THEATRE (CONTINUED)

ADV THTRE PRACTICUM THTRE 469 1- 3 CREDITS  
Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CREDITS  
Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN  
PROPOSAL, JUNIOR CLASSIFICATION  
Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY THTRE 490H 1- 3 CREDITS  
Prereq: 9 CREDITS IN THEATRE, JR CLASSIFICATION,  
PERMISSION OF DEPT CHAIR  
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY  
HONORS PROGRAM ONLY  
7246005 ARRANGED  
MEETS: AUG 20-DEC 14

THEATRE INTERNSHIP THTRE 499 1- 8 CREDITS  
Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED  
APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR  
OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL  
AND 3.00 IN THTRE COURSES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM DSN&TECHNC THTR THTRE 504D 1- 3 CREDITS  
Prereq: 9 CREDITS IN THEATRE  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2018  
2634005 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

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 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

FOOD MICROBIOLOGY TOX 420 3 CREDITS  
Prereq: MICRO 201 OR MICRO 302  
6765005 MWF 10:00-10:50  
MEETS: AUG 20-DEC 14

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 ARRANGED  
MEETS: AUG 20-DEC 14

PRIN OF TOXICOLOGY TOX 501 3 CREDITS  
Prereq: BBMB 404 OR EQUIVALENT  
6767005 TR 2:10-3:30  
MEETS: AUG 20-DEC 14

TOXICOLOGY SEMINAR TOX 504 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
7126005 T 4:10-5:00  
MEETS: AUG 20-DEC 14

FOODBORNE TOXICANTS TOX 529 2 CREDITS  
Prereq: A COURSE IN BIOCHEMISTRY  
5569005 1 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Course delivery is WWW

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CREDITS  
Prereq: D.V.M. DEGREE OR VDPAM 526  
1231005 ARRANGED  
MEETS: AUG 20-DEC 14

MTHDS BIostat&EPIDM TOX 565 3 CREDITS  
Prereq: STAT 500 OR STAT 401; STAT 543 OR STAT  
447  
4103005 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

AG&VET RISK ASESMENT TOX 570 3 CREDITS  
Prereq: STAT 104 OR CONSENT OF INSTRUCTOR  
1776005 ARRANGED  
MEETS: AUG 20-DEC 14

CELL BIOLOGY TOX 575 3 CREDITS  
Prereq: 10 CREDITS IN BIOLOGICAL SCIENCE OR  
PERMISSION OF INSTRUCTOR  
8026005 MWF 1:10-2:00  
MEETS: AUG 20-DEC 14

## TOXICOLOGY

(CONTINUED)

SPECIAL TOPICS TOX 590 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RAPID MTH FD MICROB TOX 627 2 CREDITS  
 Prereq: FS HN 420 OR FS HN 421 OR FS HN 504  
 8340005 1 TR 2:10-3:00  
 MEETS: AUG 20-DEC 14

CURRNT TOPC TOXICOL TOX 689 R CREDIT  
 Satisfactory-Fail Only.  
 4280005 ARRANGED  
 MEETS: AUG 20-DEC 14

GRAD RESEARCH ROTAT TOX 697 1-12 CREDITS  
 Prereq: ADMISSION TO TOX GRADUATE PROGRAM  
 8363005 ARRANGED  
 MEETS: AUG 20-DEC 14

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 20-DEC 14

RESEARCH TRANS 699 VAR. CREDITS  
 6787005 ARRANGED  
 MEETS: AUG 20-DEC 14

## U.S. LATINO/A STUDIES

INTR U.S. LATINO ST US LS 211 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 2890005 1 MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 2890010 2 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 2890600 XW ARRANGED BEHNKEN B  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

U.S. LATINO/A PSYCH US LS 347 3 CREDITS  
 Prereq: TWO COURSES IN PSYCH INCLUDING PSYCH 101  
 Note: Meets U.S. diversity reqmt  
 5326005 A1 TR 11:00-12:15 PRIETO L  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 5326010 A2 TR 11:00-12:15 PRIETO L  
 MEETS: AUG 20-DEC 14  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

BILINGUAL&U.S. MEXI US LS 420 3 CREDITS  
 Prereq: C I 405 OR C I 406  
 6253005 F 1:10-4:00  
 MEETS: AUG 20-DEC 14

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

## 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 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5662010 2 T 4:10-5:00  
 W 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5662015 3 T 4:10-5:00  
 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5662020 4 T 4:10-5:00  
 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 5662025 5 T 4:10-5:00  
 R 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5662030 6 T 4:10-5:00  
 R 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 5662035 7 T 4:10-5:00  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5662040 8 T 4:10-5:00  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14

## UNIVERSITY STUDIES

(CONTINUED)

FIRST-YR SMNR I:MVP U ST 101B 1 CREDIT  
 Prereq: ACCEPTANCE/PARTICIPATION IN MVP  
 Satisfactory-Fail Only.  
 5670005 1 M 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5670010 2 M 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 5670015 3 T 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 5670020 4 R 10:00-10:50  
 MEETS: AUG 20-DEC 14

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 20-DEC 14  
 5706010 2 W 12:10-1:00  
 MEETS: AUG 20-DEC 14

FRST-YR SEM I:ATHLT U ST 101D 1 CREDIT  
 Prereq: ACCEPTANCE/PARTICIPATION IN APPROPRIATE  
 LEARNING COMMUNITY OR SPECIAL PROGRAM  
 Satisfactory-Fail Only.  
 5713005 1 M 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5713010 2 T 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 5713015 3 M 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 5713020 4 T 11:00-11:50  
 MEETS: AUG 20-DEC 14

FIRST-YR SEM II:SCI U ST 102B 1 CREDIT  
 Prereq: U ST 101 OR INSTRUCTOR PERMISSION  
 Satisfactory-Fail Only.  
 5728005 1 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 5728010 2 W 4:10-5:00  
 MEETS: AUG 20-DEC 14

PERSONAL CAREER DEV U ST 104 2 CREDITS  
 6243005 1 TR 1:10-2:00  
 MEETS: AUG 20-DEC 14  
 6243010 2 MW 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 6243015 3 TR 11:00-11:50  
 MEETS: AUG 20-DEC 14  
 6243020 4 MW 3:10-4:00  
 MEETS: AUG 20-DEC 14

CARVER FRSHMN SEMNR U ST 105 1 CREDIT  
 Prereq: ACCEPTANCE IN CARVER ACADEMY PROGRAM,  
 GEORGE WASHINGTON CARVER SCHOLARSHIP RECIPIENT  
 Note: Meets U.S. diversity reqmt  
 Satisfactory-Fail Only.  
 2884005 1 M 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 2884010 2 T 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 2884015 3 R 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 2884020 4 W 10:00-10:50  
 MEETS: AUG 20-DEC 14

INT'L FIRST YR SMNR U ST 110 1 CREDIT  
 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.  
 Satisfactory-Fail Only.  
 8806005 A M 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 8806010 B T 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 8806015 C T 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 8806020 1 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 8806025 2 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 8806030 3 W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 8806035 4 W 5:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 8806040 5 R 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 8806045 6 R 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 8806050 7 R 5:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 8806055 8 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 8806060 9 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 8806065 10 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 8806070 11 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 8806075 12 W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 8806080 13 W 5:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 8806085 14 R 8:00-8:50  
 MEETS: AUG 20-DEC 14

UNIVERSITY STUDIES

(CONTINUED)

URBAN DESIGN

INT'L FIRST YR SMNR U ST 110 1 CREDIT  
 8806090 15 R 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 8806095 16 R 5:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 8806100 17 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 8806105 18 F 10:00-10:50  
 MEETS: AUG 20-DEC 14  
 8806110 19 W 8:00-8:50  
 MEETS: AUG 20-DEC 14  
 8806115 20 W 3:10-4:00  
 MEETS: AUG 20-DEC 14  
 8806120 21 W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 8806125 22 W 5:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 8806135 24 R 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 8806140 25 R 5:10-6:00PM  
 MEETS: AUG 20-DEC 14  
 8806145 26 F 9:00-9:50  
 MEETS: AUG 20-DEC 14  
 8806150 27 F 10:00-10:50  
 MEETS: AUG 20-DEC 14

CARVER SEM:PEER MNT U ST 205 1 CREDIT  
 Prereq: U ST 106  
 Note: Meets U.S. diversity reqmt  
 Satisfactory-Fail Only.  
 4183005 1 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 4183010 2 R 12:40-1:30  
 MEETS: AUG 20-DEC 14

SCI PRE-PRO SEMINAR U ST 207 1 CREDIT  
 Prereq: U ST 102B  
 Satisfactory-Fail Only.  
 9747005 1 W 4:10-5:00  
 MEETS: AUG 20-DEC 14  
 9747010 2 W 3:10-4:00  
 MEETS: AUG 20-DEC 14

INTGRT UG PRE-RSRCH U ST 275X 1 CREDIT  
 Satisfactory-Fail Only.  
 8696005 1 W 12:10-1:00  
 MEETS: AUG 20-DEC 14  
 8696010 2 W 3:10-4:00  
 MEETS: AUG 20-DEC 14

MCNR:INTRO TO RES I U ST 301 2 CREDITS  
 Prereq: NEW FALL ADMIT TO THE RONALD E. MCNAIR  
 POSTBACCALAUREATE ACHIEVEMENT PROGRAM  
 6475005 1 M 6:00-8:00PM  
 MEETS: AUG 20-DEC 14

CALM LIFE SKILL SEM U ST 303 1 CREDIT  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION  
 Satisfactory-Fail Only.  
 9395005 1 W 11:00-11:50  
 MEETS: AUG 20-DEC 14

LEADRS SMNR II:HIXS U ST 312A 1 CREDIT  
 Prereq: 311A  
 Satisfactory-Fail Only.  
 3091030 HX M 4:10-5:00  
 MEETS: AUG 20-DEC 14

LEADRS SMNR II:MVP U ST 312B 1 CREDIT  
 Prereq: 311B  
 Satisfactory-Fail Only.  
 6181005 1 W 6:10-7:00PM  
 MEETS: AUG 20-DEC 14

NCORE:RACE&ETHN U.S U ST 321 3 CREDITS  
 Prereq: SELECTION AS AN NCORE STUDENT SCHOLAR AND  
 ATTENDANCE AT NCORE  
 Note: Meets U.S. diversity reqmt  
 9295005 ARRANGED, R 3:40-5:30  
 MEETS: AUG 20-DEC 14

MCNAIR SR SEMINAR I U ST 401 1 CREDIT  
 Prereq: 302  
 Satisfactory-Fail Only.  
 6491005 1 M 4:10-6:00PM  
 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY U ST 490 VAR. CREDITS  
 Prereq: PERMISSION OF THE ASSOCIATE PROVOST  
 Note: PERMISSION OF THE ASSOCIATE PROVOST REQUIRED  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

NORTH AMER URBANIZN URB D 511 3 CREDITS  
 Prereq: GRADUATE STANDING, OR SENIOR  
 CLASSIFICATION WITH INSTRUCTOR PERMISSION  
 4019005 M 5:10-7:40PM  
 MEETS: AUG 20-DEC 14

URBAN DESIGN COLLOQ URB D 512 R CREDIT  
 Satisfactory-Fail Only.  
 9540005 ARRANGED  
 MEETS: AUG 20-DEC 14

WKSHP URB DSN MEDIA URB D 532 3 CREDITS  
 Prereq: GRADUATE STANDING, OR SENIOR  
 CLASSIFICATION WITH INSTRUCTOR PERMISSION  
 4208005 T 12:40-3:30  
 MEETS: AUG 20-DEC 14

URBANISM THRY&MTHDS URB D 533 3 CREDITS  
 Prereq: GRADUATE STANDING, OR SENIOR  
 CLASSIFICATION WITH INSTRUCTOR PERMISSION  
 4213005 R 12:40-3:30  
 MEETS: AUG 20-DEC 14

VET DIAGNOSTIC & PRODUCTION AN MED

AN WLFARE JDG&ASSESS VDPAM 365 1 CREDIT  
 7529005 R 5:10-7:00PM  
 MEETS: AUG 20-DEC 14

ADV DY INF EXPRNC I VDPAM 402B 2 CREDITS  
 Prereq: VDPAM 402A  
 4987005 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV DY INF EXPRC II VDPAM 402C 2 CREDITS  
 Prereq: VDPAM 402A, VDPAM 402B  
 5133005 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV DY INFM EXP III VDPAM 402D 2 CREDITS  
 Prereq: VDPAM 402A, VDPAM 402B, VDPAM 402C  
 5162005 ARRANGED  
 MEETS: AUG 20-DEC 14

VET PRACTCE MGT&ORG VDPAM 409 2 CREDITS  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 8766005 ARRANGED  
 MEETS: AUG 20-DEC 14

LLAMA MEDICINE VDPAM 410 1 CREDIT  
 Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN V MED  
 4362005 ARRANGED  
 MEETS: AUG 20-DEC 14

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 20-OCT 12  
 5110010 2 W 1:10-5:00  
 MEETS: AUG 20-OCT 12  
 5110015 3 F 1:10-5:00  
 MEETS: AUG 20-OCT 12  
 5110020 4 M 1:10-5:00  
 MEETS: OCT 15-DEC 14  
 5110025 5 W 1:10-5:00  
 MEETS: OCT 15-DEC 14  
 5110030 6 F 1:10-5:00  
 MEETS: OCT 15-DEC 14

ADV SWI PRD INFMTCS VDPAM 419 1 CREDIT  
 Prereq: VDPAM 309 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 8709005 T 7:00-7:50  
 MEETS: AUG 20-DEC 14

PRECP:MXD FD AN MED VDPAM 420A 1- 6 CREDITS  
 Prereq: 4TH YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO V MED STUDENTS ONLY  
 9072005 ARRANGED

PRECP PRD AN MD:MXD VDPAM 420B 1- 6 CREDITS  
 Prereq: 4TH YEAR CLASSIFICATION IN V MED  
 5207005 ARRANGED  
 MEETS: AUG 20-DEC 14

PRECPPT PROD AN:GOVT VDPAM 420C 1- 6 CREDITS  
 Prereq: 4TH YEAR CLASSIFICATION IN V MED  
 5210005 ARRANGED  
 MEETS: AUG 20-DEC 14

## VET DIAGNOSTIC &amp; PRODUCTION AN MED (CONTINUED)

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 ARRANGED

GPVEC: CALVING VDPAM 421A 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  
4419005 ARRANGED

GPVEC: BULL BREEDNG VDPAM 421B 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  
4417005 ARRANGED

GPVEC: WEANING MGT 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 ARRANGED  
MEETS: AUG 20-DEC 14

GPVEC: 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 ARRANGED  
MEETS: AUG 20-DEC 14

GPVEC: LAMBING VDPAM 421J 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  
4476005 ARRANGED

GPVEC: GOMER 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 ARRANGED  
MEETS: AUG 20-DEC 14

GPVEC:SWINE HUSBDRY VDPAM 421Q 1 CREDIT  
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;  
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE  
9792005 ARRANGED

GPVEC:PREG ULTSOUND VDPAM 421S 1 CREDIT  
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;  
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE  
9791005 ARRANGED  
MEETS: AUG 20-DEC 14

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 20-DEC 14  
Note: SEC 1 RESTRICTED TO VET MED STUDENTS ONLY  
4535010 2 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

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 20-DEC 14  
5262010 2 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

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 MTRF 10:00-10:50  
MEETS: AUG 20-DEC 14

CLIN EMBRYO TRANSFR VDPAM 451 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
4334005 MTWRF 8:00-5:00

DIAGNOS LAB PRACTCM VDPAM 455 1 CREDIT  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
6827005 MTWRF 1:10-5:00

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 W 7:00-7:50  
MEETS: AUG 20-DEC 14

## VET DIAGNOSTIC &amp; PRODUCTION AN MED (CONTINUED)

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  
8725005 MTWRF 8:00-5:00

FD ANM&CAM MED&SURG VDPAM 477 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
6909005 MTWRF 8:00-5:00

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 ARRANGED

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 ARRANGED  
MEETS: AUG 20-DEC 14

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 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 MTWRF 8:00-5:00  
MEETS: AUG 20-DEC 14

DAIRY PRODUCTN MED VDPAM 484 2 CREDITS  
Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATN IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
5609005 MTWRF 8:00-5:00  
MEETS: AUG 20-DEC 14

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 ARRANGED

LVSTK DISEAS PREVNT VDPAM 487 3 CREDITS  
6952005 TR 11:00-12:30  
MEETS: AUG 20-DEC 14

CLINIC MICROBIO LAB VDPAM 488 1 CREDIT  
Prereq: 4TH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
6950005 MTWRF 8:30-11:30

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: 350 IS RECOMMENDED  
3991005 ARRANGED  
MEETS: AUG 20-DEC 14

ADV SM RUMN PROD MD VDPAM 495 2 CREDITS  
Prereq: VDPAM 486, FOURTH YEAR CLASSIFICATION IN  
VETERINARY MEDICINE, OR PERMISSION OF INSTRUCTOR  
9309005 ARRANGED  
MEETS: AUG 20-DEC 14

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  
Satisfactory-Fail Only.  
7848005 ARRANGED

EPIDEM MTH POP RSCH VDPAM 529 3 CREDITS  
Prereq: STAT 401/STAT 587, VDPAM 528  
7692005 ARRANGED  
MEETS: AUG 20-DEC 14

INTRO DNA TECHNIQS VDPAM 542A 1 CREDIT  
Satisfactory-Fail Only.  
7389005 1 TR 1:10-2:00 BAKER M  
TR 2:10-4:00 BAKER M  
MEETS: AUG 21-SEPT 20

INTRO CELL TECHNIQS VDPAM 542C 1 CREDIT  
Satisfactory-Fail Only.  
7400005 1 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: OCT 30-DEC 6

INTR PROTEOMCS TCNQ VDPAM 542E 1 CREDIT  
Satisfactory-Fail Only.  
7412005 1 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: SEPT 25-OCT 25

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

INTR METABLMCS TCNQ VDPAM 542F 1 CREDIT  
 Satisfactory-Fail Only.  
 9033005 M 1:10-2:00 PERERA M  
 M 2:10-4:00 PERERA M  
 MEETS: AUG 20-NOV 2

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS  
 Prereq: D.V.M. DEGREE OR VDPAM 526  
 7676005 ARRANGED  
 MEETS: AUG 20-DEC 14

ADV VET DIAGNOS LAB VDPAM 551 1- 3 CREDITS  
 Prereq: VDPAM 455  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AG&VET RISK ASEMNT VDPAM 570 3 CREDITS  
 Prereq: STAT 104 OR PERMISSION OF INSTRUCTORS  
 8558005 ARRANGED  
 MEETS: AUG 20-DEC 14

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  
 Satisfactory-Fail Only.  
 7868005 ARRANGED  
 MEETS: AUG 20-DEC 14

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS  
 Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE  
 PROGRAM  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ANTIMICROBIAL PHARM VDPAM 654 2 CREDITS  
 Prereq: GRADUATE STUDENT STATUS, RESIDENT, OR  
 INTERN IN THE COLLEGE OF VETERINARY MEDICINE  
 5234005 ARRANGED  
 MEETS: AUG 20-DEC 14

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

**VETERINARY CLINICAL SCIENCES**

VET IN SOCIETY I V C S 311 R CREDIT  
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 Satisfactory-Fail Only.  
 6002005 F 9:00-9:50  
 MEETS: AUG 20-DEC 14

VET IN SOCIETY III V C S 313 1 CREDIT  
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 Satisfactory-Fail Only.  
 6064005 T 9:00-9:50  
 MEETS: AUG 20-DEC 14

VET IN SOCIETY IV V C S 314 1 CREDIT  
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 6066005 M 9:00-9:50  
 MEETS: AUG 20-DEC 14

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 F 11:00-11:50  
 T 10:00-11:50  
 MEETS: AUG 20-DEC 14  
 8079010 2 F 11:00-11:50  
 R 10:00-11:50  
 MEETS: AUG 20-DEC 14

GRAND ROUNDS V C S 385 R CREDIT  
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 Satisfactory-Fail Only.  
 7446005 F 8:00-8:50  
 MEETS: AUG 20-DEC 14

CLINICAL IMAGING I V C S 391 1 CREDIT  
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 Instructor permission required 1st week.  
 6868005 1 W 2:10-3:00  
 MEETS: AUG 20-DEC 14  
 6868010 2 F 2:10-3:00  
 MEETS: AUG 20-DEC 14

PRINCIP OF SURGERY V C S 393 3 CREDITS  
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 6869005 1 M 11:00-11:50  
 T 10:00-10:50  
 F 8:00-8:50  
 T 1:10-2:30  
 MEETS: AUG 20-DEC 14  
 Note: THE TUESDAY LECTURE WILL NOT MEET IN WEEKS WHEN  
 LAB IS HELD

PRINCIP OF SURGERY V C S 393 3 CREDITS  
 6869010 2 M 11:00-11:50  
 T 10:00-10:50  
 F 8:00-8:50  
 T 3:10-4:30  
 MEETS: AUG 20-DEC 14  
 Note: THE TUESDAY LECTURE WILL NOT MEET IN WEEKS WHEN  
 LAB IS HELD

CLINICL CARDIOLGY I V C S 402 1 CREDIT  
 Prereq: THIRD OR FOURTH-YEAR CLASSIFICATION IN  
 VETERINARY MEDICINE; VCS 444 OR CONCURRENT ENROLLMENT  
 IN VCS 444  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 6871005 WR 12:10-1:00  
 MEETS: OCT 15-DEC 14

FELINE INTERNAL MED V C S 407 1 CREDIT  
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 6875005 T 12:10-1:00  
 MEETS: AUG 20-DEC 14

ONCOLOGY V C S 409 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 9213005 MTWRF 8:00-5:00

ADV SML AN DERMATOL V C S 415 2 CREDITS  
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 7778005 R 2:10-3:00  
 R 3:10-5:00  
 MEETS: AUG 20-DEC 14

PRECEPTOR COMPANION V C S 419A 2- 6 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED,  
 PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE  
 3695005 ARRANGED  
 Note: PROCESS APPROVED ADD SLIP IN 2270A VET MED  
 Permission of instructor required. Process  
 Approved add slip in 2270A Vet Med.

PRACTICUM V C S 420 R CREDIT  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED,  
 PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 4548005 MTWRF 8:00-5:00

BLANK PK ZOO ROTATN V C S 422 4 CREDITS  
 Prereq: V C S 405, FOURTH-YEAR CLASSIFICATION IN  
 V MED, PERMISSION OF INSTRUCTOR  
 1166005 MTWRF 8:00-5:00

SM ANIM INTERNL MED V C S 436 3 CREDITS  
 Prereq: 3RD YR CLASSIFICATION IN VET MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 3915005 TWR 9:00-9:50  
 MEETS: AUG 20-DEC 14

SM ANIML SHELTR MED V C S 437 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
 7944005 MTWRF 8:00-5:00

CANINE REHABILITATN V C S 441 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 9232005 MTWRF 8:00-5:00

SMALL ANIMAL MED V C S 444 4 CREDITS  
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 Instructor permission required 1st week.  
 6883005 1 MTR 8:00-8:50  
 F 9:00-9:50  
 MEETS: AUG 20-DEC 14

EQUINE MEDICINE V C S 445 2 CREDITS  
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 6884005 W 10:00-10:50  
 R 11:00-11:50  
 MEETS: AUG 20-DEC 14

CLINICAL NEUROLOGY V C S 446 2 CREDITS  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
 Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
 5112005 MTWRF 8:00-5:00

EQUINE DIAGNOS SKIL V C S 447 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY  
 MEDICINE - PREFERENCE TO EQUINE TRACK STUDENT.  
 LIMITED TO 16 STUDENTS.  
 Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
 9171005 MTWRF 8:00-5:00



## VETERINARY CLINICAL SCIENCES (CONTINUED)

SURG LAB NEU H SOCI V C S 449A 3 CREDITS  
Prereq: THIRD-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
Department permission required 1st week.  
7010008 1 W 11:00-11:50  
F 1:10-6:00PM  
MEETS: AUG 20-DEC 14

TRADITIONL SURG LAB V C S 449B 3 CREDITS  
Prereq: THIRD-YEAR CLASSIFICATION IN V MED  
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 20-DEC 14  
7662010 2 W 11:00-11:50  
W 1:10-6:00PM  
MEETS: AUG 20-DEC 14  
7662015 3 W 11:00-11:50  
F 1:10-6:00PM  
MEETS: AUG 20-DEC 14

CLINICL DERMATOLOGY V C S 452 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY  
MEDICINE. MUST HAVE INSTRUCTOR PERMISSION TO REPEAT  
THIS COURSE.  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
1931005 MTWRF 8:00-5:00

SMALL ANIMAL MED I V C S 453 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6889005 MTWRF 8:00-5:00

SM AN SOFT TISS SUR V C S 455 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6891005 MTWRF 8:00-5:00

SM AN ORTHOPED SURG V C S 456 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6892005 MTWRF 8:00-5:00

EQUINE MEDICINE V C S 457 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6893005 MTWRF 8:00-5:00

EQUINE SURGERY V C S 458 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6894005 MTWRF 8:00-5:00

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
4050005 ARRANGED

SM AN OVERPOP D.M. V C S 459B 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
4107010 ARRANGED  
Note: DES MOINES

SM AN OVERPOP K.C. V C S 459C 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
4313015 ARRANGED  
Note: KANSAS CITY

SM AN OVERPOP BOULD V C S 459D 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE TRAVELING TO BOULDER, CO  
6542005 ARRANGED  
MEETS: AUG 20-DEC 14

SM AN OVERPOP ASHVL V C S 459E 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE TRAVELING TO NORTH CAROLINA  
6640005 ARRANGED  
MEETS: AUG 20-DEC 14

RADIOLOGY V C S 460 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6896005 MTWRF 8:00-5:00

PRIMARY CARE V C S 463 2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
2322005 MTWRF 8:00-5:00

EQUINE FIELD SERVIC V C S 464 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
4247005 MTWRF 8:00-5:00

## VETERINARY CLINICAL SCIENCES (CONTINUED)

FARRIER V C S 465 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
7756005 MTWRF 8:00-5:00

VET ANESTHESIOLOGY V C S 466 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6898005 MTWRF 8:00-5:00

INTENSIVE CARE V C S 468 4 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6900005 ARRANGED

OPHTHALMOLOGY V C S 469 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
6901005 MTWRF 8:00-5:00

RADIOLOGY V C S 470 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED;  
COMPLETION OF V C S 460 RADIOLOGY IS REQUIRED;  
ENROLLMENT BY PERMISSION OF INSTRUCTOR  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CMPARTV ANIM REPROD V C S 471C 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURG ORTHO V C S 473O 1 CREDIT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SML AN SURG SOF TIS V C S 473S 1 CREDIT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET CARDIOLGY ROTAT V C S 475 2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN V MED  
Note: Department permission required.  
9128005 MTWRF 8:00-5:00

EQUINE ANESTHESIOLOGY V C S 476E 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SM ANIML ANESTHESIO V C S 476S 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTENSV&CRITCL CARE V C S 478 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
9816005 MTWRF 8:00-5:00

VET DENTST&ORAL SRG V C S 482X 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED;  
COMPLETION OF PRIMARY CARE ROTATION OR FAMILIAR  
WITH THE PRIMARY CARE PROTOCOL; PROOF OF RABIES  
PROPHYLAXIS AND A PROTECTIVE TITER  
8729005 ARRANGED  
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY V C S 490 VAR. CREDITS  
Prereq: PERMISSION OF COURSE INSTRUCTOR-OF-RECORD  
AND SPONSORING V C S FACULTY MEMBER  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS V C S 490H VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO VET MED STUDENTS IN THE  
UNIVERSITY HONORS PROGRAM ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRAND RND S PRESENTN V C S 495 R CREDIT  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS  
Satisfactory-Fail Only.  
6914005 F 8:00-8:50

INT'L PRECEPTORSHIP V C S 496 1-12 CREDITS  
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
PERMISSION OF COURSE INSTRUCTOR-OF-RECORD AND  
SPONSORING V C S FACULTY  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
Satisfactory-Fail Only.  
6094005 A ARRANGED  
MEETS: AUG 20-DEC 14

## VETERINARY CLINICAL SCIENCES (CONTINUED)

SPL TOPICS MEDICINE V C S 590A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SURGERY V C S 590B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC RADIOLOGY V C S 590D 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOGY V C S 590E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OPHTHALMOLOGY V C S 590F 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CREDITS  
Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR V C S 604 1 CREDIT  
6921005 ARRANGED  
MEETS: AUG 20-DEC 14

ADVANCED RADIOLOGY V C S 640 2 CREDITS  
Prereq: V C S 448  
6922005 ARRANGED  
MEETS: AUG 20-DEC 14

ADV GENERAL SURGERY V C S 671 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
6925005 ARRANGED  
MEETS: AUG 20-DEC 14

ADV SPECIAL SURGERY V C S 672 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
6926005 ARRANGED  
MEETS: AUG 20-DEC 14

ADVANCED MEDICINE V C S 676 2 CREDITS  
Prereq: V C S 445  
6927005 ARRANGED  
MEETS: AUG 20-DEC 14

ADVANCED MEDICINE V C S 677 2 CREDITS  
Prereq: V C S 445  
6928005 ARRANGED  
MEETS: AUG 20-DEC 14

RESEARCH MEDICINE V C S 699A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY V C S 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLOGY V C S 699E VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH OPHTHALMOLOGY V C S 699F VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: CARDIOLOGY V C S 699G VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**VETERINARY MICROBIOLOGY & PREV MED**

VETNRY MICROBIOLOGY V MPM 386 5 CREDITS  
Prereq: SECOND-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO FIRST-YEAR THROUGH  
FOURTH-YEAR VET MED STUDENTS ONLY  
6942010 1 MWF 9:00-9:50 GRIFFITH R  
MW 3:10-4:30  
F 1:10-2:30  
MEETS: AUG 20-DEC 14

6942015 2 MWF 9:00-9:50  
MW 1:10-2:30  
F 10:00-11:30  
MEETS: AUG 20-DEC 14

PUBLIC HEALTH LAB V MPM 486 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
6951005 MTWRF 2:10-5:00 DAVIS R

INDEPENDENT STUDY V MPM 490 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## VETERINARY MICROBIOLOGY &amp; PREV MED (CONTINUED)

CDC EPIDEM PRECEPTOR V MPM 491 6 CREDITS  
Prereq: WRITTEN PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
1885005 ARRANGED DAVIS R  
MEETS: AUG 20-DEC 14

BASIC PRIN MICROBIO V MPM 501 3 CREDITS  
9215005 TR 1:10-2:00 MINION F  
W 3:10-4:00  
MEETS: AUG 20-DEC 14

GUT MICROBIOME: HLTH V MPM 517X 3 CREDITS  
Prereq: BASIC KNOWLEDGE IN MICROBIOLOGY  
7737005 1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14

INTRO DNA TECHNIQS V MPM 542A 1 CREDIT  
Satisfactory-Fail Only.  
9663005 1 TR 1:10-2:00 BAKER M  
TR 2:10-4:00 BAKER M  
MEETS: AUG 21-SEPT 20

INTRO CELL TECHNIQS V MPM 542C 1 CREDIT  
Satisfactory-Fail Only.  
9669005 1 TR 1:10-2:00 BAKER M  
TR 2:10-4:00 BAKER M  
MEETS: OCT 30-DEC 6

INTR PROTEOMCS TCNQ V MPM 542E 1 CREDIT  
Satisfactory-Fail Only.  
9678005 1 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: SEPT 25-OCT 25

INTR METABLMCS TCNQ V MPM 542F 1 CREDIT  
Satisfactory-Fail Only.  
9680005 M 1:10-2:00  
M 2:10-4:00  
MEETS: AUG 20-NOV 2

MEDICL BACTERIOLOGY V MPM 586 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
9271005 A MWF 9:00-9:50 BELLAIRE B  
ARRANGED  
MEETS: AUG 20-DEC 14

MED BACTERIOLOGY LAB V MPM 586L 2 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN 586 OR 625  
7378005 MWF 1:10-2:30 GRIFFITH R  
MEETS: AUG 20-DEC 14

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 A R 4:10-5:00 BLITVICH B  
MEETS: AUG 20-DEC 14

MOLECULAR IMMUNOLGY V MPM 615 3 CREDITS  
Prereq: BBMB 405 OR 502  
6773005 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

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 2018  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM N MOLEC, C, DV BIO V MPM 698 1- 2 CREDITS  
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2018  
7082005 1 M 3:10-5:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1 WILL NOT MEET EVERY WEEK. MEETING  
DATES TO BE ANNOUNCED.

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

**VETERINARY PATHOLOGY**

ANATOMIC PATHOL II V PTH 372 4 CREDITS  
Prereq: 342  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
7675005 1 MWR 10:00-10:50  
MW 1:10-2:40  
MEETS: AUG 20-DEC 14

7675010 2 MWR 10:00-10:50  
MW 3:10-4:40  
MEETS: AUG 20-DEC 14

## 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 1:10-2:30  
MEETS: AUG 20-DEC 14  
6999010 2 TWR 11:00-11:50  
TR 3:10-4:30  
MEETS: AUG 20-DEC 14

CASE STUDY III V PTH 377 2 CREDITS  
Prereq: 2ND-YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
6956005 M 8:00-8:50  
R 8:00-9:50  
MEETS: AUG 20-DEC 14

BASICS MED TERMINOL V PTH 401 1 CREDIT  
7000005 W 4:10-5:00  
MEETS: AUG 20-DEC 14

NECROPSY LAB PRACTM V PTH 456 1 CREDIT  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY  
7007005 MTWRF 1:10-5:00  
S 10:00-11:50

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 MTWRF 8:00-11:50

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 R 2:30-5:00  
MEETS: AUG 20-DEC 14

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS  
9668005 Prereq: 376 OR 576  
ARRANGED  
MEETS: AUG 20-DEC 14

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT  
Prereq: 457, PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
7037005 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.

SURGICAL PATHOL LAB V PTH 550 1- 3 CREDITS  
Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
7479005 ARRANGED  
MEETS: AUG 20-DEC 14

POSTMORT PATHOL LAB V PTH 551 1- 3 CREDITS  
Prereq: 542, PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
7038005 MTWRF 1:10-5:00  
S 10:00-11:50  
MEETS: AUG 20-DEC 14

SYSTEMIC PATHOLGY I V PTH 570 4 CREDITS  
Prereq: 342 OR 542; PERMISSION OF INSTRUCTOR  
7020005 T 9:00-10:50  
8:00-9:50  
MEETS: AUG 20-DEC 14

VET PARASITOLOGY V PTH 576 4 CREDITS  
Prereq: GRAD CLASSIFICATION, V PTH 542  
9012005 1 TWR 11:00-11:50  
TR 1:10-2:30  
MEETS: AUG 20-DEC 14  
9012010 2 TWR 11:00-11:50  
TR 3:10-4:30  
MEETS: AUG 20-DEC 14

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

## VETERINARY PATHOLOGY (CONTINUED)

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 R 12:10-1:00  
MEETS: AUG 20-DEC 14

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 ARRANGED  
MEETS: AUG 20-DEC 14

DIAG INTERP V PARAS V PTH 606B R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
7030005 ARRANGED  
MEETS: AUG 20-DEC 14

DIAG INTERP VET TOX V PTH 606C R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
5787005 ARRANGED  
MEETS: AUG 20-DEC 14

DIAG INTERP CLINPTH V PTH 606D R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
9694005 ARRANGED  
MEETS: AUG 20-DEC 14

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

**WIND ENERGY SCIENCE, ENGINEERING AND POL**

WIND ENRGY SYS DSGN WESEP 511 3 CREDITS  
Prereq: WESEP 501, WESEP 502  
4289005 1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14

WIND ENRGY RES SMNR WESEP 594 1 CREDIT  
Prereq: GRADUATE STANDING  
9662005 ARRANGED  
MEETS: AUG 20-DEC 14

**WOMEN'S AND GENDER STUDIES**

GENDER JUSTICE WGS 160 1 CREDIT  
Note: Meets U.S. diversity reqmt  
Satisfactory-Fail Only.  
2484005 1 M 2:10-3:00 GOEBEL M  
W 2:10-3:00  
MEETS: AUG 20-OCT 12

2484010 2 M 2:10-3:00  
W 3:10-4:00  
MEETS: OCT 15-DEC 14

2484015 3 M 2:10-3:00  
W 9:00-9:50  
MEETS: OCT 15-DEC 14

2484020 4 M 2:10-3:00  
W 11:00-11:50  
MEETS: OCT 15-DEC 14

INTRO WOMN&GNDR STU WGS 201 3 CREDITS  
Note: Meets U.S. diversity reqmt  
7058005 A M 10:00-10:50  
WF 9:00-9:50  
MEETS: AUG 20-DEC 14

7058010 B M 10:00-10:50  
WF 10:00-10:50  
MEETS: AUG 20-DEC 14

7058015 C M 10:00-10:50  
WF 11:00-11:50  
MEETS: AUG 20-DEC 14

7058020 D M 10:00-10:50  
WF 12:10-1:00  
MEETS: AUG 20-DEC 14

7058025 E M 10:00-10:50  
WF 1:10-2:00  
MEETS: AUG 20-DEC 14

WOMEN'S AND GENDER STUDIES (CONTINUED)

INTRO WOMN&GNDR STU WGS 201 3 CREDITS  
 7058030 F M 10:00-10:50  
 WF 2:10-3:00  
 MEETS: AUG 20-DEC 14

7058035 G M 10:00-10:50  
 WF 3:10-4:00  
 MEETS: AUG 20-DEC 14

7058625 XR ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: Section XR is off campus  
 Course delivery is WWW

7058620 XS ARRANGED  
 MEETS: AUG 20-OCT 12  
 Note: Section XS is off campus  
 Course delivery is WWW

7058615 XT ARRANGED STOEHHR A  
 MEETS: OCT 15-DEC 14  
 Note: Section XT is off campus  
 Course delivery is WWW

7058610 XU ARRANGED STOEHHR A  
 MEETS: AUG 20-OCT 12  
 Note: Section XU is off campus  
 Course delivery is WWW

7058605 XV ARRANGED  
 MEETS: OCT 15-DEC 14  
 Note: Section XV is off campus  
 Course delivery is WWW

7058600 XW ARRANGED HAROLDSON R  
 MEETS: AUG 20-OCT 12  
 Note: Section XW is off campus  
 Course delivery is WWW

INTRO QUEER STUDIES WGS 205 3 CREDITS  
 Prereq: ENGL 150  
 Note: Meets U.S. diversity reqmt

5940005 TR 3:40-5:00  
 MEETS: AUG 20-DEC 14

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 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

7060600 XW ARRANGED HOPPER-LOSENICKY  
 MEETS: OCT 15-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

WOMEN IN SCI & ENGR WGS 307 3 CREDITS  
 Prereq: A 200 LEVEL COURSE IN SCIENCE OR ENGR OR  
 W S; ENGL 250 OR ENGL 105  
 Note: Meets U.S. diversity reqmt

1111005 TR 9:30-10:50  
 MEETS: AUG 20-DEC 14

WRITE LIKE A WOMAN WGS 308 3 CREDITS  
 Prereq: ENGL 250  
 Note: COURSE NOT OPEN TO FRESHMEN

8493005 TR 11:00-12:20  
 MEETS: AUG 20-DEC 14

ECOFEMINISM WGS 320 3 CREDITS  
 Prereq: WGS 201 OR 3 CREDITS IN WGS AT THE  
 300 LEVEL OR ABOVE

6268005 W 3:10-5:40  
 MEETS: AUG 20-DEC 14

ECON OF DISCRIMINAT WGS 321 3 CREDITS  
 Prereq: ECON 101  
 Note: Meets U.S. diversity reqmt

7070005 1 MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

7070010 2 MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

GENDER & COMMUNICTN WGS 323 3 CREDITS  
 Note: Meets U.S. diversity reqmt

3533005 A MWF 11:00-11:50  
 MEETS: AUG 20-DEC 14

3533010 B MWF 10:00-10:50  
 MEETS: AUG 20-DEC 14

3533015 C MWF 1:10-2:00  
 MEETS: AUG 20-DEC 14

MEDIA PORTR GNDR&SX WGS 325 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Meets U.S. diversity reqmt

9115600 XW ARRANGED HOPPER-LOSENICKY  
 MEETS: AUG 20-OCT 12  
 Note: Section XW is off campus  
 Course delivery is WWW

SEX&GENDER IN SOCIE WGS 327 3 CREDITS  
 Prereq: SOC 130 OR 134  
 Note: SEC A1,B1 RESTRICTED TO SOC, P S A, AG SO,  
 W S, INDIS - CJ ST MAJORS ONLY. SEC A2,B2  
 RESTRICTED TO MAJORS OTHER THAN SOC, P S A, AG SO,  
 W S, INDIS - CJ ST.  
 Meets U.S. diversity reqmt

7061005 A1 MWF 10:00-10:50 POPILLION A  
 MEETS: AUG 20-DEC 14

7061010 A2 MWF 10:00-10:50 POPILLION A  
 MEETS: AUG 20-DEC 14

WOMEN'S AND GENDER STUDIES (CONTINUED)

MASCULINIT &MANHOOD WGS 328 3 CREDITS  
 Prereq: SOC 134 OR W S 201/WGS 201  
 Note: Meets U.S. diversity reqmt

5672005 MWF 1:10-2:00 GOEBEL M  
 MEETS: AUG 20-DEC 14

FEMINIST PHILOSOPHY WGS 338 3 CREDITS  
 Prereq: 3 CR IN PHIL OR WOMEN'S STUDIES RECOMMND  
 Note: Meets U.S. diversity reqmt

6331005 W 3:10-5:40  
 MEETS: AUG 20-DEC 14

WOMEN & LIT TOPICS WGS 345 3 CREDITS  
 Prereq: ENGL 250  
 Note: Meets U.S. diversity reqmt

7063005 A1 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14

7063010 A2 TR 12:40-2:00  
 MEETS: AUG 20-DEC 14  
 Note: SECTION A1 TOPIC: THE BRONTES  
 SECTION A2 TOPIC: THE BRONTES

PSYCHOLOGY OF WOMEN WGS 346 3 CREDITS  
 Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH  
 101  
 Note: Meets U.S. diversity reqmt

7064005 A1 TR 12:40-2:00 SCHEEL K  
 MEETS: AUG 20-DEC 14

7064010 A2 TR 12:40-2:00 SCHEEL K  
 MEETS: AUG 20-DEC 14  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 SEC A2 RESTRICTED TO MAJORS OTHER THAN PSYCH

HIST OF AMER WOMEN WGS 386 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Meets U.S. diversity reqmt

7068005 1 MW 3:10-4:30 DUSSELIER J  
 MEETS: AUG 20-DEC 14

7068600 XW ARRANGED BIX A  
 MEETS: AUG 20-DEC 14  
 Note: Section XW is off campus  
 Course delivery is WWW

FEMINIST THEORIES WGS 401 3 CREDITS  
 Prereq: WGS 201 OR 3 CREDITS IN WGS AT 300-LEVEL  
 OR ABOVE  
 Note: Department permission required 1st week.

7069005 M 3:30-6:10PM  
 MEETS: AUG 20-DEC 14

TOPCS WMN&GNDR STU WGS 450 3 CREDITS  
 Prereq: W S 201/WGS 201 OR 3 CREDITS IN WGS  
 AT 300 LEVEL OR ABOVE  
 Note: NO MORE THAN 6 CREDITS OF W S 450/WGS 450  
 MAY BE APPLIED TOWARD GRADUATION  
 TOPIC: HUMAN TRAFFICKING  
 Instructor permission required 1st week.

8910001 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

HIST AMER SEXUALITI WGS 457X 3 CREDITS  
 Prereq: CREDIT IN ONE OF HIST 221, HIST 222,  
 W S 201, W S 203, OR W S 205

8538005 TR 12:40-2:00 RUTENBERG A  
 MEETS: AUG 20-DEC 14

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: Meets U.S. diversity reqmt  
 Instructor permission required 1st week.

1271005 TR 2:10-3:30  
 MEETS: AUG 20-DEC 14

SENIOR THESIS WGS 499 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CNTMP FEMINST THEOR WGS 501 3 CREDITS  
 4873005 1 M 3:30-6:10PM  
 MEETS: AUG 20-DEC 14

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 LANGUAGES AND CULTURES**

BECOMING GLOBAL PRO WLC 101X 1 CREDIT  
Satisfactory-Fail Only.  
9234005 R 2:10-3:00  
MEETS: AUG 20-DEC 14

INTRO WORLD LANGUAG WLC 119 3 CREDITS  
Note: Meets international perspectives reqmt  
5865005 1 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14  
Note: SEC 1 RESTRICTED TO LING MAJORS ONLY  
5865010 2 MWF 3:10-4:00  
MEETS: AUG 20-DEC 14

STDT TCH WORLD LANG WLC 417G VAR. CREDITS  
Prereq: ADMISSION TO TEACHER EDUCATION, APPROVAL  
OF COORDINATOR DURING SEMESTER BEFORE STUDENT  
TEACHING  
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION  
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
8139005 1 ARRANGED  
MEETS: AUG 20-OCT 12  
8139010 2 ARRANGED  
MEETS: AUG 20-OCT 12  
8139015 3 ARRANGED  
MEETS: AUG 20-OCT 12  
8139020 4 ARRANGED  
MEETS: AUG 20-OCT 12  
8139025 5 ARRANGED  
MEETS: OCT 15-DEC 14  
8139030 6 ARRANGED  
MEETS: OCT 15-DEC 14  
8139035 7 ARRANGED  
MEETS: OCT 15-DEC 14  
8139040 8 ARRANGED  
MEETS: OCT 15-DEC 14

TECH, GLOBALZ&CULTUR WLC 484 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION  
Note: Meets international perspectives reqmt  
6372005 A T 6:00-7:30PM  
W 6:00-7:30PM  
MEETS: AUG 20-DEC 14

WLD LANGU MTHDS SEC WLC 487 3 CREDITS  
Prereq: 25 CREDITS IN A WORLD LANGUAGE,  
ADMISSION TO THE TEACHER EDUCATION PROGRAM, OPI  
Note: FOR STUDENTS WITH FULL OR TENTATIVE ADMISSION  
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Instructor permission required.  
4404005 1 R 6:10-8:50PM  
MEETS: AUG 20-DEC 14

TECH, GLOBALZ&CULTUR WLC 584 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
Note: Meets international perspectives reqmt  
6367010 A T 6:00-7:30PM  
W 6:00-7:30PM  
MEETS: AUG 20-DEC 14

**YOUTH**

ADOLES&THEIR FAMILI YTH 510 3 CREDITS  
7294600 XG ARRANGED  
MEETS: AUG 29-DEC 7  
Note: THIS COURSE IS RESTRICTED TO GPIDEA STUDENTS  
ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
Meets international perspectives reqmt  
Section XG is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

CMMUNTY YOUTH DEVEL YTH 520 3 CREDITS  
9482600 XG ARRANGED  
MEETS: AUG 20-DEC 15  
Note: THIS COURSE IS RESTRICTED TO GPIDEA STUDENTS  
ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
Tuition Category: GPIDEA Consortium  
Section XG is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

YOUTH IN CULTR CNTX YTH 530 3 CREDITS  
7272600 XG ARRANGED  
MEETS: AUG 29-DEC 7  
Note: Tuition Category: GPIDEA Consortium  
Section XG is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

**YOUTH**

(CONTINUED)

YOUTH POLICY YTH 550 3 CREDITS  
7740600 XG ARRANGED  
MEETS: AUG 20-DEC 15  
Note: THIS COURSE IS RESTRICTED TO GPIDEA STUDENTS  
ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
Tuition Category: GPIDEA Consortium  
Section XG is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium

PROG DSGN, IMPLEM, EV YTH 585 3 CREDITS  
7310600 XG ARRANGED  
MEETS: AUG 29-DEC 7  
Note: THIS COURSE IS RESTRICTED TO GPIDEA STUDENTS  
ONLY. IF SPACE IS AVAILABLE IN THE COURSE AFTER  
JULY 25TH, THEN IT WILL BE RELEASED TO STUDENTS ON  
THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST:  
HTTP://WWW.ONLINE.HS.IASTATE.EDU/WAITLIST  
Tuition Category: GPIDEA Consortium  
Section XG is off campus  
Course delivery is WWW  
Tuition Category: GPIDEA Consortium