

Summer Session 2019

Session I	May 20 - July 12
Session II	June 17 - August 9
University Holidays	May 27 July 4

Registration Start Dates for Summer 2019

Veterinary Medicine students:	Monday, March 25
Graduate students:	Monday, March 25 - Wednesday, March 27
All seniors:	Tuesday, March 26 - Monday, April 1
Projected juniors:	Tuesday, April 2 - Monday, April 8
Projected sophomores:	Tuesday, April 9 - Monday, April 15
Continuing freshmen:	Tuesday, April 16 - Monday, April 22

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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Key Dates, Deadlines, Information

Class Registration on AccessPlus

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 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 Scheduling & Fees Office, 10 Enrollment Services Center, 294-2331.

Fee Payment Deadlines

Fee payment deadlines for Summer 2019 are May 20, June 20, and July 20 for deferred billing. A \$20 deferred billing charge is assessed. Contact Accounts Receivables for information.

Graduation Information

If you plan to graduate Summer 2019, you need to complete a graduation application. If graduating, go to the ISU website index under Graduation and Commencement, click on students, then choose graduation application.

Registration Start Dates

Registration start dates are assigned based on projected year-in-school classification, which is computed by combining total credits 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 students should register as early as their start date and time allows.

Room Assignments

Room assignments will be available on AccessPlus class schedule on Saturday, April 26. To find a map of room locations on campus go to the ISU index under Classroom abbreviations.

Schedule Changes

You can add/drop summer session I courses using AccessPlus Registration through Friday, May 24. You can initiate registration for summer session I courses using AccessPlus Registration through Friday, May 24. For additional schedule change deadlines 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.

University Calendar Summer 2019

May 13, Sun.	<ul style="list-style-type: none"> • Last day to cancel registration for full-12 week summer courses to avoid tuition assessment. 		
May 14, Mon.	<ul style="list-style-type: none"> • Class work begins, Session I courses. • Fee payment deadline for summer semester. First payment (minimum due) or payment in full. 		
May 18, Fri.	<ul style="list-style-type: none"> • Last day to add a Session I course without instructor's signature. • Last day to process adds or section changes for a Session I course through AccessPlus registration. • Last day to process most schedule changes without a fee; or to add/drop a Session I course without signatures of instructor and adviser. • Last day to drop a Session I course without the drop appearing on the permanent record or counting toward the limit of dropped courses. • Last day to drop a Session I course through AccessPlus registration. • Last day to change a Session I course from Pass/Not Pass to grade without it counting toward total allowable P/NP credits used for graduation. • Last day to change a Session I course from audit to credit basis. • Last day to elect to audit a course for Summer Session I. The instructor of the course must approve an audit. 		
May 25, Fri.	<ul style="list-style-type: none"> • Last day to elect to audit a course for a twelve-week, full summer course. The instructor of the course must approve an audit. 		
May 28, Mon.	<ul style="list-style-type: none"> • University holiday—offices closed, classes recessed. • Preliminary room assignments for Fall 2018 distributed to departments from Room Scheduling. 		
June 1, Fri.	<ul style="list-style-type: none"> • Deadline for approval (with all signatures) of new experimental course forms for Fall 2018. 		
June 11, Mon.	<ul style="list-style-type: none"> • Class work begins, Session II courses. 		
June 13, Wed.	<ul style="list-style-type: none"> • Last day to add a Session II course without instructor's signature. • Last day to process adds or section changes for a Session II course through AccessPlus registration. 		
June 15, Fri.	<ul style="list-style-type: none"> • Last day to process a schedule change for a Session II course without signatures of instructor and adviser. • Last day to drop a Session II course without the drop appearing on the permanent record or counting toward the limit of dropped courses. • Last day to drop a Session II course through AccessPlus registration. • Last day to change a Session II course from Pass/Not Pass to grade without it counting toward the total allowable P/NP credits used for graduation. 	June 20, Wed.	<ul style="list-style-type: none"> • Last day to elect to audit a course for Summer Session II. The instructor of the course must approve an audit. • Last day to change a Session II course from audit to credit basis. • Last day to add/drop a course or withdraw without extenuating circumstances (Session I courses). • Last day to change a Session I course to from Pass/Not Pass to grade. Courses changed to graded basis after June 1 count toward the total allowable P/NP credits used for graduation. • Fee payment deadline for summer. Second payment (minimum due). • Fee payment deadline for summer. Second payment (minimum due). • 4 p.m., Preliminary room assignments for Fall 2018, with changes, due back to Room Scheduling from departments. • Last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee. • University holiday—offices closed, classes recessed. • Summer Session I ends. • Graduate College: last day for final oral examinations. • Last day to add/drop a course or withdraw without extenuating circumstances (Session II courses). • Last day to change a Session II course to or from Pass/Not Pass. Courses changed to graded basis after June 16 count toward the total allowable P/NP credits used for graduation. • Last day to file a Designation of Repeated Course form for a summer course that is not an automatic designated repeat. • Graduate College: last day for final submission of graduate student graduation approval slip. • Fee payment deadline for summer semester. Final payment due. • Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation. • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review. • Room assignments for Fall 2018 courses displayed on-line. • University bills with Fall 2018 tuition and fees charges available on AccessPlus http://accessplus.iastate.edu. • Summer Session II ends. • Final grades due on WebCT, Bb Learn or AccessPlus. • Grade reports available on AccessPlus.
		June 22 Fri.	
		July 4, Wed.	
		July 7, Fri.	
		July 13, Fri.	
		July 17, Tues.	
		July 18, Wed.	
		July 20, Fri.	
		July 21, Sat.	
		July 31, Tues.	
		Aug. 3, Fri.	
		Aug. 17, Wed., 2:15 p.m.	
		Aug. 8, Wed.	

Resources

Admissions 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 Marston 294-7186
 Graduate College 1137 Pearson 294-4531
 Human Sciences 0131 MacKay 294-6466
 Liberal Arts and Sciences 102 Carrie Chapman Catt Hall 294-1522
 Veterinary Medicine 2540 Veterinary Medicine 294-0772

Financial Aid Office www.financialaid.iastate.edu

General Information 0210 Beardshear 294-2223

ISUCard Office www.adp.iastate.edu/idcard/

ISUCard Office 0530 Beardshear 294-2727

Office of the Registrar 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 214 Enrollment Services Center 294-0762 or 294-0767
 Scheduling Changes 10 Enrollment Services Center 294-2331
 Scheduling & Fees 10 Enrollment Services Center 294-2331
 Student Records 214 Enrollment Services Center 294-1840
 Transcripts 214 Enrollment Services Center 294-1840
 Veterans Certification 214 Enrollment Services Center 294-1840
 Veterans Services Center 3578 Memorial Union 294-9801

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/

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/.

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 *Catalog, University (Courses and Programs)* for specific requirements for admission located at <http://catalog.iastate.edu/admissions/>. Applications are available through the Iowa State University home page, by clicking 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, who 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.

Undergraduate students, both nondegree and degree seeking:

Non-international undergraduate students, both degree and nondegree 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 non-degree student and who now seeks to earn an undergraduate degree should complete an undergraduate application.

Reentering Students

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Scheduling & Fees area, 10 Enrollment Services Center, at 515-294-2331, or e-mail 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 the Registrar, 210 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 Marson
294-7186

Graduate College

1137 Pearson
294-4531

Human Sciences

0131 MacKay
294-6466

Liberal Arts and Sciences

102 Carrie Chapman Catt Hall
294-4831

Veterinary Medicine

2540 Vet Med

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 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, 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, may contact the Office of the Registrar, Scheduling & Fees area, 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 their prospective college student services office.

Graduate Students All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Scheduling & Fees, at 515-294-1889 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their 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, 252 Memorial Union, 515-294-1120, or e-mail: intlerv@iastate.edu.

Registration

To prepare to register for classes, you 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 your college.
- Course information from the Schedule of Classes at classes.iastate.edu/.
- Class Schedule Planner at planner.iastate.edu/.
- Other departmental information applicable to your curriculum.

To register, follow these steps:

1 Meet with your academic adviser, who will provide the following:

- a. degree audit.
- b. guidance in course selection
- c. Registration Authorization Card, with RAN, if applicable.

2 Choose specific sections for each course you want to take. In most cases, your adviser will not be involved in selecting meeting times. You can use the Schedule of Classes (<http://classes.iastate.edu>) and Class Schedule Planner (<http://planner.iastate.edu>) to plan your schedule.

3 Review your registration start date/time information and any registration hold information on AccessPlus, under Current Information. You must resolve holds on your 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 late July.

5 Remember to pay your fees. Registration is not complete until all fees are paid, including, tuition, room and board and other university charges. View your university bill on AccessPlus. Failure to view your account on AccessPlus will not exempt you from late penalties or from having a hold placed on your registration. If you have questions, call 515-294-7388.

Initiating Registration

The last day to initiate a new registration for through AccessPlus registration or the Scheduling & Fees Office in 10 Enrollment Services Center for Summer 2019 full-12 week classes is Friday, May 24.

Cancelling Registration

To avoid tuition assessment notify the Office of the Registrar by 4 p.m. one business day before the course begins, of intent to cancel registration, or drop all classes on AccessPlus by 11 p.m the night before the course begins. 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 currently do not require a RAN are Business, Veterinary Medicine, and the Graduate College. Since students will be held accountable for all changes made to the schedule through AccessPlus, do not share this number. Students will be assigned a new RAN 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 your schedule for time conflicts.
- If you 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 your schedule.
- Entering the Registration Access Number (RAN) is no longer required once courses exist on your schedule. If you are already registered, you won't need to enter the RAN again to change your schedule.
- If you 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 you are in a learning community, you must add the learning community reference number first before other courses exist on your schedule. You 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 you to plan your schedule using courses displayed in the Schedule of Classes at www.iastate.edu.

Students can select courses and/or sections for a particular term, as well as block out unavailable class days and times. Based on those 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). Therefore, it is essential that students understand that this is a planner and, as such, it does not register students in courses and cannot be used to complete your registration. The application requires that students 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. Always remember to 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 begins 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. 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 students Grade Report on AccessPlus indicates the number of drops you have left. Students are responsible for not exceeding your limit. If they attempt to drop a course beyond the limit without special permission from their college dean, the course will remain on their schedule and they will receive a grade at the end of the semester.

Validating Enrollment

To validate their enrollment in each course at the beginning of the semester, students must attend the first or second meeting (first meeting if the class meets only once a week). Students who add a course after the term begins must attend the next class meeting. The instructor has the option to offer a registered place in the course to another student when a registered student fails to attend and has not obtained prior approval of the instructor. Students who do not validate their enrollment must drop the course or they will receive an F grade.

Summer 2019 Fee Schedule

Tuition & fees are subject to change without notice. for the most current tuition & fee rates visit www.registrar.iastate.edu/fees/

- 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 2 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- Zero credit course is assessed based on contact hours with a maximum assessment of 3 credits.

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.

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 summer semester are due May 20. Payments for spring semester are due January 20. Payments for fall semester are due August 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.

Cancelling Registration

A cancellation is processed when a student notifies the Office of the Registrar, prior to the day class work begins, of their decision not to attend classes for the current semester. 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 4:00p.m. the last business day before the course begins; or drop all of your classes through AccessPlus by 10 p.m., the day before it begins.

You may cancel your registration by contacting the Office of the Registrar at 515-294-2331 or go to the ISU index from www.iastate.edu under Cancelling Registration. You 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 meeting day of class, 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 as 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 Withdraw/Cancel procedure at <http://www.registrar.iastate.edu/students>.

Tuition Adjustment Schedule

This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Summer 2019:

Withdrawal Date: Student Pays

Withdrawal Date:	Student Pays
Full Summer term	
May 23	10%
May 29	25%
June 4	50%
June 10	75%
After June 10	100%

Summer Session I Student Pays

May 19	10%
May 22	25%
May 29	50%
May 31	75%
After May 31	100%

Summer Session II Student Pays

June 19	10%
June 21	25%
June 26	50%
June 28	75%
After June 28	100%

The Tuition Adjustment Schedule will be pro-rated when courses shorter than a standard semester (79 days) are involved. See the Tuition Adjustment Schedule on the web for the most common session deadlines. Contact the Scheduling and 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 term. 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 and Fees area of the Office of the Registrar for deadline related to specific courses.

Tuition Adjustment 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.

Past Due Accounts

Students having past due receivable charges may be dropped from enrollment for fall if these past due charges are not paid by the Friday before the first day of classes. A statement indicating past due charges will be shown on the June 1 billing statement. Students enrolled less than full-time are assessed prorated technology fees based upon the number of credits in which they are enrolled. Students enrolled exclusively under the Postsecondary Enrollment Options Act; or students enrolled exclusively in courses for which no tuition is assessed are not assessed a computer fee. Technology fee adjustments will be made according to the schedule for a reduction in credits. Refunds for credit reductions below a full time load are 100 percent through the second week for a full semester course, with no refunds after the second week. The tuition adjustment schedule also applies to technology fees for students who withdraw. Students who change their major will be charged the applicable technology fee for the major into which they transfer if the change occurs before the end of the second week. If the change occurs after the second week, then no change in the technology fee assessment will occur. Students who are double majors will be assessed the technology fee rate for the major having the higher rate.

Health Facility Fee

All students are assessed an \$4 health facility fee for Summer 2019, 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.

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 Postsecondary 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.

Health Fee (Mandatory)

All students are assessed an \$60 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 (Chapter 261C).

Students who withdraw or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the set date 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 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 \$60 Health Fee and \$4 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 \$60 Health Fee and \$4 Health Facility Fee.

Contact the Thielen Student Health Center at 515-294-7523 for more information on adding the Health Fee.

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.

Admissions Acceptance Fee

A nonrefundable application fee must accompany the application for admission. The application fee is \$40 for domestic undergraduate, and \$60 for domestic graduate applicants, \$50 for international undergraduate applicants, and \$100 for international graduate applicants.

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.

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.

Graduation

Iowa State University confers degrees three times a year in December, May and at the end of the Summer Session.

ISU does not hold a summer commencement ceremony. Summer graduates have the option for attending either the spring or fall university commencement ceremony.

Undergraduate Students

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 applications are due in 210 Enrollment Services Center by Friday, March 15.

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.

To update your address, please go to AccessPlus.

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 Registrar's 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 Summer 2019.

- An "Application for Graduation" (diploma slip) should be obtained from the student's department and filed in the Graduate College by Friday, June 7.
- Last day for graduate students to cancel graduation, by June 28. 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 student's department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Friday, July 23.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, July 23. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, July 25.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Tuesday July 17. 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.

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 you are considering changing their major, you may request an alternative degree audit for the major in which you have an interest. Contact the college student services office (of the major that you are interested in) to request the audit.

To request a replacement degree audit, contact the student's college student services office.

Full-Time/Half-Time Student Status

Full-time status is defined as follows:

Undergraduates: 12 credits for fall or spring semester;

Graduates: 9 credits for fall or spring semester.

Half-time status is defined as follows:

Undergraduates: 6 credits for fall or spring semester;

Graduates: 5 credits for fall or spring semester.

Summer status depends on the number of weeks a student is enrolled. Contact the Office of the Registrar, 515-294-1840 to verify status for a summer session. For more detail, please refer to the ISU index on the web under Certifications.

Transcripts

An official transcript may be ordered through AccessPlus; the Office of the Registrar, 214 Enrollment Services Center, 515-294-1840; 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 *catalog* at: catalog.iastate.edu.

Repeated Courses

If you repeat a course, 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 in which the course number or number of credits has changed 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 advisor 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 *catalog* at: catalog.iastate.edu.

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. Please check with your certifying official for more information about Summer enrollment requirements.

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 policy 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, 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.

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
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: 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 System Office in 27 Armory. For more information go to the ISU index under Parking Division, DPS.

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 the support services that students 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, counseling, education, referral, and awareness to students, faculty, staff, the Ames community, and the state of Iowa. For more information, call 515-294-7220, TTY 515-294-6635, e-mail: disabilityresources@iastate.edu, or online go 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 the 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).

For services such as the Lied Recreation Center, CyCash, or Parks Library, students may apply for the **Spouse/Domestic Partner** card. Both the student and spouse/domestic partner must bring a photo ID and proof of marriage or relationship (marriage certificate, joint insurance cards or joint tax returns) to 0530 Beardshear. The cost is \$15 per card and the cards expire every year on June 30.

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 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 this *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.

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 must approve 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. 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

In addition to the deadlines provided below, note that instructors must approve all audits.

• Full semester courses:

Adding an audit—day 10 deadline:

- 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 status, from credit to audit—day 10 deadline:

- 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 status from audit to credit—day 5 deadline:

- 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 Student Scheduling 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 Student Scheduling 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 Student Scheduling Office, 10 Enrollment Services Center.

Course Descriptions

Course descriptions can be found at catalog.iastate.edu.

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.

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* at [:classes.iastate.edu](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 CenterI. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to <http://catalog.iastate.edu/> under Academic Life

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 Stdnt Info* 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 CenterI.

Room Assignments

Beginning Saturday April 22, 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.

Name (please print): _____
(Last) (First) (Middle) (Term)

Please provide your **university ID** _____

If they have problems 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 classes.iastate.edu** for the list of classes offered for the term. Use the spaces provided below to plan the courses they want on their schedule.
- B. **Meet with your adviser** to discuss their courses and to obtain their Registration Access Number (RAN), if required by your college.
- C. **Register via AccessPlus at 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 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, students must obtain written permission from their advisers, the instructors for the courses they plan to take, as well as approval from the dean of the college in which they are registered. During the summer session, these approvals must be obtained in order to register after the third day of classes.

Courses—Be prepared with alternative course selections in case their 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: _____

ACCOUNTING

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS
Prereq: SOPH CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
5277010 A MWF 2:30-4:30
ARRANGED
MEETS: MAY 20-JUNE 14
Note: SEC A IS A HYBRID COURSE THAT WILL MEET IN
A CLASSROOM MWF 2:30-4:30 WITH THE REMAINDER OF
THE COURSE CONTENT DELIVERED ONLINE. ONLINE IS
REPRESENTED BY ARRANGED.

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS
1110005 A MTWRF 12:10-2:10
MEETS: MAY 20-JUNE 14
Note: SECTION A NOT OPEN TO GRADUATE STUDENTS

THE ACCOUNTNG CYCLE ACCT 301 1 CREDIT
Prereq: ACCT 284
Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
ENTSP, FIN, MGMT, MIS, MKT, P BUS, SCM UNDERGRAD
MAJORS. GRAD STUDENTS GO TO 1200 GERDIN FOR PERMISSN
TO ADD. THIS COURSE CARRIES AN ADDITIONAL COST OF
APPROXIMATELY \$50 TO ACCESS THE REQUIRED COMPUTER
SOFTWARE PROGRAM.
1078005 W ARRANGED
MEETS: MAY 20-JULY 12
Note: Course delivery is WWW

INTMD MANAGERL ACCT ACCT 383 3 CREDITS
Prereq: ACCT 285 OR ACCT 501; AND ACCT 301
1117005 A1 MTWRF 12:10-2:10
MEETS: MAY 20-JUNE 14
Note: SECTION A1 RESTRICTED TO ACCT UNDERGRAD MAJORS
1117010 A2 MTWRF 12:10-2:10
MEETS: MAY 20-JUNE 14
Note: SECTION A2 RESTRICTED TO BUS S, BUS U, BUSEC,
ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS ONLY

INTMED ACCOUNTING I ACCT 386 3 CREDITS
Prereq: ACCT 284 AND ACCT 301
1118005 A1 MTWRF 9:50-11:50
MEETS: JULY 15-AUG 9
Note: SEC A1 RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY
1118010 A2 MTWRF 9:50-11:50
MEETS: JULY 15-AUG 9
Note: SEC A2 RESTRICTED TO BUS S, BUS U, BUSEC, ENTSP,
FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS

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

INTRO TO AUDITING ACCT 497 3 CREDITS
Prereq: ACCT 384, ACCT 387 AND STAT 326
Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS.
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION
TO ADD.
1126005 A MTWRF 9:50-11:50
MEETS: JULY 15-AUG 9

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

CREATIVE COMPONENT ACCT 599 2 CREDITS
Prereq: ADMISSION TO THE MASTER OF ACCT PROGRAM
***** SEE DEPT FOR REFERENCE NUMBERS

ADVERTISING

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

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

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2019
***** SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP AER E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

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 HONORS PROGRAM STUDENTS ONLY
***** 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

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

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

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

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

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

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

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

SPECL TOPICS DESIGN AER E 590I 1- 5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

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

AEROSPACE ENGINEERING

(CONTINUED)

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

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

SPL TOP WIND 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 TOP 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 1 ARRANGED
MEETS: MAY 20-AUG 9

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

AFRICAN AND AFRICAN AMERICAN STUDIES

SEM AFRIC AMER CULT AF AM 460 3 CREDITS
Note: Meets U.S. diversity reqmt
Instructor permission required.
6688005 ARRANGED
MEETS: JUNE 17-JULY 12

AGRICULTURAL AND BIOSYSTEMS ENGINEERING

SUMMER INTERNSHIP A B E 396 R CREDIT
Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

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

INDEP STUDY HONORS A B E 490H 1- 5 CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
***** 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

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 1 ARRANGED
MEETS: MAY 20-AUG 9

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

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

ENGINEERG INTERNSHP A B E 697 R CREDIT
Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
Satisfactory-Fail Only.
1700005 ARRANGED
MEETS: MAY 20-AUG 9

DOCTORAL TECH COMM A B E 698 1 CREDIT
Satisfactory-Fail Only.
8333005 1 ARRANGED
MEETS: MAY 20-AUG 9

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

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

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

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

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

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

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

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

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

AGRICULTURAL EDUCATION & STUDIES

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
Prereq: AGEDS 110
7586005 1 ARRANGED
MEETS: MAY 20-AUG 9

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
Prereq: AGEDS 110
7603005 1 ARRANGED
MEETS: MAY 20-AUG 9

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
1273005 1 ARRANGED
MEETS: JUNE 17-AUG 9
Note: Course delivery is WWW

SURV AG&LIF SC COMM AGEDS 327 3 CREDITS
Prereq: ENGL 250 OR EQUIVALENT
9159005 1 ARRANGED
MEETS: MAY 20-JULY 12
Note: Course delivery is WWW

AG MECHAN APPLCATNS AGEDS 388 3 CREDITS
6067005 1 MWF 8:00-11:50
MEETS: MAY 20-JULY 12

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CREDITS
Prereq: JR CLASSIF IN AGEDS, INSTR PERMISSION
Note: Professional support fee \$50.00
***** SEE DEPT FOR REFERENCE NUMBERS

FARM MGMT&OPERATION AGEDS 450 3 CREDITS
Prereq: ECON 235, ECON 230, JUNIOR CLASSIFICATION
1386005 1 MWF 12:10-4:00
MEETS: MAY 20-JULY 12

IND STU PHIL,CURRIC AGEDS 490A 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 LDRSHP,EVAL AGEDS 490B 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 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

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

IND STU EXTEN,INT'L AGEDS 490D 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 INSTR TCHNL AGEDS 490E 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 STDY ENVIR ISSU AGEDS 490F 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

INDEP STUDY HONORS AGEDS 490H 1- 3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION,
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS
ONLY. NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION.

SEE DEPT FOR REFERENCE NUMBERS

IND STU COMMUNICATN AGEDS 490I 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

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, ADVISER, &
DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
8361005 1 ARRANGED
MEETS: MAY 20-AUG 9

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 PROGRM PLAN AGEDS 590L 1- 3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

SEE DEPT FOR REFERENCE NUMBERS

METHODS WORKSHOP AGEDS 593B 1- 3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1318005 1 ARRANGED
MEETS: MAY 20-AUG 9
Note: Tuition Category: Workshop
1318010 2 ARRANGED
MEETS: JUNE 17-AUG 9
Note: SECTION 2 OFFERED FOR 3 CREDITS

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2019
6536005 1 MTWR 8:30-5:00
MEETS: JUNE 17-20
Note: SECTION 1: BEGINNING
6536010 2 MTWR 8:30-5:00
MEETS: JULY 1-4
Note: SECTION 2: ADVANCED

CREATIVE COMPONENT AGEDS 599 VAR. CREDITS

SEE DEPT FOR REFERENCE NUMBERS

PRO INTERNSHP AG ED AGEDS 617 1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Professional support, field trips &/or
travel fee \$50.00
Satisfactory-Fail Only.

SEE DEPT FOR REFERENCE NUMBERS

RESEARCH AGEDS 699 VAR. CREDITS

SEE DEPT FOR REFERENCE NUMBERS

AGRONOMY

PROF DEVEL:WORK EXP AGRON 310 R CREDIT
Satisfactory-Fail Only.
1389005 1 ARRANGED
MEETS: MAY 20-AUG 9

COOPERATIVE EDUCATN AGRON 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
1411005 1 ARRANGED
MEETS: MAY 20-AUG 9

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 HONORS PROGRAM STUDENTS ONLY.
NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE APPLIED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION.

SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP AGRON 491 1- 2 CREDITS
Prereq: AGRON 338, ADVANCED APPROVAL AND
PARTICIPATION OF EMPLOYER AND INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2019
Instructor permission required.
9369005 1 ARRANGED
MEETS: MAY 20-AUG 9

COOPERATIVE EDUCATN AGRON 498 R CREDIT
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR; SENIOR CLASSIFICATION
1416005 1 ARRANGED
MEETS: MAY 20-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

CR COMP CROP PRD&PH AGRON 599B VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1473005 1 ARRANGED
MEETS: MAY 20-AUG 9

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1474005 1 ARRANGED
MEETS: MAY 20-AUG 9

CRTV COMP SOIL CHEM AGRON 599D VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1475005 1 ARRANGED
MEETS: MAY 20-AUG 9

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1476005 1 ARRANGED
MEETS: MAY 20-AUG 9

AGRONOMY

(CONTINUED)

CRTV COMPN SOIL MGT AGRON 599F VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1477005 1 ARRANGED
MEETS: MAY 20-AUG 9

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1478005 1 ARRANGED
MEETS: MAY 20-AUG 9

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1479005 1 ARRANGED
MEETS: MAY 20-AUG 9

CR COMP SOIL PHYSCS AGRON 599I VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1480005 1 ARRANGED
MEETS: MAY 20-AUG 9

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

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

AMERICAN INDIAN STUDIES

NATV PEOPL AM CULTR AM IN 201X 3 CREDITS
Note: Meets U.S. diversity reqmt
9617005 1 MTWR 1:20-4:10
MEETS: MAY 20-JUNE 14

INDEPENDENT STUDY AM IN 490 VAR. CREDITS
Prereq: 6 CR IN AM IN STUDIES, PERMISSION
OF INSTRUCTOR AND PROGRAM DIRECTOR
Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2019.
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 MTWRF 8:40-11:40
MEETS: MAY 20-JUNE 14

AMER SIGN LANGUA II ASL 102 4 CREDITS
Prereq: ASL 101 OR ASL 105
Note: Meets U.S. diversity reqmt
9367005 1 MTWRF 8:40-11:40
MEETS: JUNE 17-JULY 12

ANIMAL ECOLOGY

ECOLOGY A ECL 312 4 CREDITS
Prereq: BIOL 211L AND BIOL 212L
1061005 A MTWR 9:50-11:05
MW 12:10-3:00
MEETS: MAY 20-JULY 12

1061010 B MTWR 9:50-11:05
TR 12:10-3:00
MEETS: MAY 20-JULY 12

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

TEACHING PRACTICUM A ECL 698 1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN ANIMAL ECOLOGY
AND PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH A ECL 699 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ANIMAL SCIENCE

FND EQUINE TRN YRLG AN S 317B 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF AN S 317 MAY BE
APPLIED TOWARD GRADUATION
9194005 1 ARRANGED
MEETS: JULY 15-AUG 9

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
1538005 1 ARRANGED
MEETS: MAY 20-AUG 9

SUPERV'D INTERNSHIP AN S 399B R CREDIT
Prereq: PERMISSION OF INTERNSHIP COORDINATOR
2258005 1 ARRANGED
MEETS: MAY 20-AUG 9

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: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS
ONLY. NO MORE THAN 6 CREDITS OF AN S 490 MAY BE
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS

AG DOMESTIC TRAVEL AN S 496B VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 30 COLLEGE CREDITS
Note: Department permission required.
1877005 1 ARRANGED
MEETS: MAY 12-26
Note: SEC 1 TRAVEL TO NE, CO, WY, MT. OFFERED FOR 2
CREDITS SUMMER 2019.

ANIMAL SCIENCE

(CONTINUED)

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

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 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

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
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2019
***** SEE DEPT FOR REFERENCE NUMBERS

ANTHROPOLOGY

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.
***** SEE DEPT FOR REFERENCE NUMBERS

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.
***** SEE DEPT FOR REFERENCE NUMBERS

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
3 CREDITS SUMMER 2019.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

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.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICM BIOLOGCL A ANTHR 451C 1- 3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

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 MAY BE
APPLIED TOWARD GRADUATION
Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ANTHR 490H 1- 5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY, MEMBERSHIP IN
THE HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
HONORS PROGRAM STUDENTS ONLY.
Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

UG INDEP STDY IA LL ANTHR 490I 1- 4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION AND
PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
APPLIED TOWARD GRADUATION
Permission of Lakeside Lab Office required
<http://www.continuetolearn.uiowa.edu/lakesidelab>
7822005 1 ARRANGED
MEETS: MAY 20-JUNE 14
Note: Tuition Category: Iowa Lakeside Lab
7822010 2 ARRANGED
MEETS: JUNE 17-JULY 12
Note: Tuition Category: Iowa Lakeside Lab

ANTHROPOLOGY

(CONTINUED)

GRAD INDEPNDNT STDY ANTHR 590 1- 4 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required 1st week.

SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ANTHR 699 VAR. CREDITS
Note: Instructor permission required 1st week.

SEE DEPT FOR REFERENCE NUMBERS

APPAREL, EVENTS & HOSPITALITY MGMT

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 1 ARRANGED
MEETS: MAY 20-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

AESTHTCS CNSMR EXPC AESHM 342 3 CREDITS

Prereq: SOPHOMORE CLASSIFICATION

Note: Meets U.S. diversity reqmt

4609005 A ARRANGED
MEETS: MAY 20-JULY 12
Note: Course delivery is WWW

COOPERATIVE EDUCATN AESHM 398 R CREDIT

Prereq: PERMISSION OF ADVISER; JR CLASSIFICATN

1002020 D ARRANGED
MEETS: MAY 20-AUG 9

Note: SECTION D IS FOR HSP M MAJORS ONLY

Instructor permission required.

1002030 F ARRANGED
MEETS: MAY 20-AUG 9

Note: SECTION F IS FOR EVENT MAJORS ONLY

Instructor permission required.

1002055 N ARRANGED
MEETS: MAY 20-AUG 9

Note: SECTION N IS FOR A M D MAJORS ONLY
Department permission required.

APPAREL, EVENTS & HOSPITALITY MGMT

(CONTINUED)

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

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

INDEP STUDY: HONORS AESHM 490H 2- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

SEE DEPT FOR REFERENCE NUMBERS

PRACTCM APPAR MCHDS AESHM 570A 1- 3 CREDITS
Prereq: 6 GRAD CREDITS IN PROGRAM AREA;
INSTRUCTOR PERMISSION
6660005 1 ARRANGED
MEETS: MAY 20-AUG 9

PRACTCM HSPTLTLY MGT AESHM 570B 1- 3 CREDITS
Prereq: 6 GRAD CREDITS IN PROGRAM AREA;
INSTRUCTOR PERMISSION
1509005 1 ARRANGED
MEETS: MAY 20-AUG 9
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 HSPTLTLY AESHM 670B 1- 3 CREDITS
Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA;
PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

APPAREL, MERCHANDISING, AND DESIGN

DRESS&DIVRSTY SOCIE A M D 165 3 CREDITS
Note: Meets U.S. diversity reqmt
6603005 A ARRANGED
MEETS: MAY 20-JUNE 14
Note: Course delivery is WWW

CULTUR PERSPC DRESS A M D 362 3 CREDITS
Prereq: A M D 165 OR 3 CREDITS IN ANTHR, PSYCH,
OR SOC
Note: Meets international perspectives reqmt
6622005 A ARRANGED
MEETS: JULY 15-AUG 9
Note: Course delivery is WWW

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.
Materials fee \$30.00

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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND
A M D 490 MAY BE APPLIED TOWARD GRADUATION. COURSE
RESTRICTED TO UNIVERSITY HONORS PROGRAM MEMBERS ONLY.

SEE DEPT FOR REFERENCE NUMBERS

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

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

UNDERGRAD RESEARCH A M D 499 1- 3 CREDITS
Prereq: SENIOR CLASSIFICATN; 15 CREDITS IN A M D;
PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR

SEE DEPT FOR REFERENCE NUMBERS

SUSTNBLY: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 MTWRF 9:00-5:00
MEETS: JUNE 19-25

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 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

CREATIVE COMPONENT A M D 599 VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN A M D

SEE DEPT FOR REFERENCE NUMBERS

DSIGN THEORY&PROCES A M D 625 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8165010 B MTWRF 9:00-5:00
ARRANGED
MEETS: JUNE 9-12, 14,15

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

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

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

ARCHITECTURE (CONTINUED)

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 HONORS PROGRAM STUDENTS ONLY
Department permission required.

SEE DEPT FOR REFERENCE NUMBERS

ARC DSIGN&MEDIA III ARCH 507 5 CREDITS
Prereq: ARCH 506, ARCH 546, ARCH 546L, ARCH 596;
CONCURRENT ENROLLMENT IN ARCH 581
1300005 1 T 8:40-12:00
MWF 8:40-12:00
MEETS: MAY 20-JULY 12

MAKING&MATRL PRACTC ARCH 581 5 CREDITS
Prereq: ARCH 506, ARCH 546, ARCH 546L, ARCH 596
1719005 1 MTW 1:40-4:00
R 1:40-5:00
MEETS: MAY 20-JULY 12

SPECIAL TOPICS ARCH 590 1- 5 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
DEPARTMENT CHAIR ON APPROVED FORM

SEE DEPT FOR REFERENCE NUMBERS

INDEP DESIGN STUDY ARCH 690 6 CREDITS
Prereq: ADMISSION TO THE M. S. IN ARCH. PROGRAM
Note: Department permission required.

SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ARCH 699 3- 9 CREDITS

SEE DEPT FOR REFERENCE NUMBERS

ART HISTORY

MUSEUM/GLLRY INTERN ART H 497 1- 6 CREDITS
Prereq: ADVANCED CLASSIFICATION IN A DEPT
CURRICULUM
Satisfactory-Fail Only.

SEE DEPT FOR REFERENCE NUMBERS

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 INSTR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMT

SEE DEPT FOR REFERENCE NUMBERS

ASTRONOMY & ASTROPHYSICS

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS
Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
1951005 1 MTWF 2:30-3:30
R 2:30-3:30
MEETS: JUNE 17-AUG 9
1951010 2 MTWF 2:30-3:30
R 1:20-2:20
MEETS: JUNE 17-AUG 9

INDEPENDENT STUDY ASTRO 290 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

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

SPECIAL TOPICS ASTRO 590 VAR. CREDITS

SEE DEPT FOR REFERENCE NUMBERS

ASTRONOMY & ASTROPHYSICS (CONTINUED)

CREATIVE COMPONENT ASTRO 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ASTRO 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

SURVEY OF BIOCHEM BBMB 301 3 CREDITS
 Prereq: CHEM 231 OR CHEM 331
 Note: AGBIO, BIOCHEMISTRY OR BIOPHYSICS MAJORS MAY NOT APPLY CREDIT FOR BBMB 301 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.
 1999005 1 MTWRF 7:30-8:30
 MEETS: MAY 20-JULY 12

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
 ***** 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

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

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

BIOINFORMATICS&COMPUTATIONAL BIOL-UG

INDEPENDENT STUDY BCBIO 490 1- 5 CREDITS
 Prereq: BCBIO 322, JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE THAN 9 CREDITS OF BCBIO 490 AND 491 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOINFORMATICS AND COMPUTATIONAL BIOL

INDEPENDENT STUDY BCB 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN BCB 598 R CREDIT
 Prereq: PERMISSION OF THE PROGRAM CHAIR
 1828005 1 ARRANGED
 MEETS: MAY 20-AUG 9

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS
 7827005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

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

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

PRIN OF BIOLOGY I BIOL 211 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY
 9468005 A MTWRF 9:50-11:50
 MEETS: MAY 20-JUNE 14
 Section info: <http://www.eio.lastate.edu/biology-courses-information/>
 9468010 B MTWRF 12:10-2:10
 MEETS: JULY 15-AUG 9

FUND HUMAN ANATOMY BIOL 255 3 CREDITS
 Prereq: HS BIOLOGY AND CHEMISTRY, OR BIOL 101.
 Note: CREDIT IN BIOL 255 MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 7205005 A ARRANGED
 MEETS: MAY 20-AUG 9
 Note: Course delivery is WWW

FUND HUMAN ANAT LAB BIOL 255L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN BIOL 255
 Note: CREDIT IN BIOL 255L MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
 6342005 1 TR 9:00-12:00
 MEETS: MAY 20-JULY 12

ECOLOGY BIOL 312 4 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
 2069005 A MTWR 9:50-11:05
 MW 12:10-3:00
 MEETS: MAY 20-JULY 12
 2069010 B MTWR 9:50-11:05
 TR 12:10-3:00
 MEETS: MAY 20-JULY 12

PRINCIP OF GENETICS BIOL 313 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOLOGY 313/301 AND 313L/301L, GEN/AGRON 320
 9472005 1 MTWRF 8:40-9:40
 MEETS: MAY 20-JULY 12

BIOLOGICAL EVOLUTN BIOL 315 3 CREDITS
 Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
 5604010 2 MTWR 11:00-12:30
 MEETS: MAY 20-JULY 12

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 1 ARRANGED
 MEETS: MAY 20-AUG 9
 9445010 2 ARRANGED
 MEETS: MAY 20-AUG 9

INDEPENDENT STUDY BIOL 490 1- 6 CREDITS
 Note: NO MORE THAN 9 CREDITS IN BIOL 490 MAY BE APPLIED TOWARD GRADUATION AND OF THOSE ONLY 2 CREDITS MAY BE APPLIED TO THE BIOLOGY ADVANCED COURSE REQUIREMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOL RESRCH BIOL 490H 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

UG TEACHNG EXPERNCE BIOL 491 1- 2 CREDITS
 Prereq: PERMISSION OF SUPERVISING STAFF
 Note: NO MORE THAN 2 CREDITS IN BIOL 491 MAY BE APPLIED TOWARD BIOLOGY ADVANCED COURSE DEGREE REQUIREMENTS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP BIOL 494 1- 3 CREDITS
 Prereq: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN
 Note: NO MORE THAN 9 CREDITS IN BIOL 494 MAY BE APPLIED TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE APPLIED TOWARD THE BIOL ADVANCED COURSE REQUIREMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BIOL 498 R CREDIT
 Prereq: PERMISSION OF THE BIOLOGY PROGRAM COOPERATIVE EDUCATION COORDINATOR
 4546005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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 REQUIREMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL ENGINEERING

INDEPENDENT STUDY B M E 490 1- 6 CREDITS
 Prereq: PERMISSION OF CHAIR FOR BIOENGINEERING
 MINOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

PRIN HUMN GROS ANAT B M S 448X 4 CREDITS
 Prereq: BIOL 255 OR EQUIVALENT AND AN
 INTRODUCTORY BIOLOGY COURSE
 Note: CREDIT FROM ONLY ONE ENROLLMENT IN B M S 448X
 MAY BE APPLIED TOWARD GRADUATION
 9781005 1 MTWR 9:00-9:50
 MTWR 10:00-11:50
 MEETS: MAY 13-JULY 11
 Note: Materials and equipment use fee \$80.00

INDEPENDENT STUDY B M S 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** 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 HONORS PROGRAM STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP B M S 496 1-12 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 6973805 S2 ARRANGED
 MEETS: MAY 20-AUG 9

RES MTHD BIOMED SCI B M S 501 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A
 B M S FACULTY MEMBER
 6978005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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

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

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

SEMINAR B M S 698B 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 Satisfactory-Fail Only.
 6995005 1 ARRANGED
 MEETS: MAY 20-JULY 12

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 CHEMICALS

SPL TOP K-12 SCI ED BR C 590K 2 CREDITS
 9764005 1 ARRANGED
 MEETS: JULY 8-26
 9764010 2 ARRANGED
 MEETS: JUNE 10-JULY 26

BIORENEWABLE RESOURCES & TECHNOLOGY

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

RESEARCH BRT 699 VAR. CREDITS
 Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION

CAREERS&EMPLOY PREP BUSAD 203 1 CREDIT
 Prereq: BUSAD 101 OR BUSAD 102
 Note: COURSE NOT OPEN TO FIRST TERM FRESHMEN AND
 GRADUATE STUDENTS
 8860005 A TR 9:50-10:50
 MEETS: MAY 20-JULY 12

INTRO TO BUSINESS BUSAD 250 3 CREDITS
 Prereq: COM S 113
 8807005 A1 MTWRF 12:10-2:10
 MEETS: MAY 20-JUNE 14
 Note: SECTION A1 RESTRICTED TO BUSINESS COLLEGE
 UNDERGRADS ONLY

8807010 A2 MTWRF 12:10-2:10
 MEETS: MAY 20-JUNE 14
 Note: SECTION A2 RESTRICTED TO UNDERGRADS IN
 COLLEGES OTHER THAN BUSINESS

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
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE FRESHMEN
 THROUGH SENIORS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BUSAD 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: NO MORE THAN 3 ADDITIONAL CREDITS MAY BE
 TAKEN IN SAME SEMESTER AS BUSAD 398
 Satisfactory-Fail Only.
 6147005 1 ARRANGED
 MEETS: MAY 20-AUG 9
 Note: Permission of coordinator required.

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION; PERMISSION
 OF INSTRUCTOR
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019
 Instructor permission required.
 3635005 1 ARRANGED
 MEETS: MAY 20-AUG 9

INDEPENDENT STUDY BUSAD 490G 1- 3 CREDITS
 Prereq: ACCEPTANCE IN PROFESSIONAL PROGRAM
 IN BUSINESS; PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 3634005 1 ARRANGED
 MEETS: MAY 20-AUG 9

INDEP STUDY HONORS BUSAD 490H 1- 3 CREDITS
 Prereq: ADMISSION TO THE BUSINESS HONORS PROGRAM
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS 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: COURSE NOT OPEN TO P BUS
 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

BUSINESS ADMINISTRATION (CONTINUED)

EXPERIENTIAL LEARNG BUSAD 491E 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: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019.
 CONTACT JUDI EYLES AT EYLES@IASTATE.EDU FOR
 APPLICATION INSTRUCTIONS.
 Department permission required.
 7515005 1 ARRANGED
 MEETS: AUG 4-8

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

COOPERATIVE EDUCATN BUSAD 598 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7906005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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

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 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 MTWR 9:00-12:00
 MTWR 1:00-5:00
 MEETS: MAY 20-JUNE 14
 Note: Materials fee \$65.00

SUMMER INTERNSHIP CH E 396 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT EACH TIME TAKEN
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGR LAB II CH E 426 2 CREDITS
 Prereq: CH E 325, CH E 358, CH E 382
 Note: CREDIT FOR EITHER CH E 426 OR CH E 427,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 RESTRICTED TO CH E SENIORS GRADUATING SUMMER 2019.
 Instructor permission required 1st week.
 2448005 A MTWR 9:00-12:00
 MTWR 1:00-5:00
 MEETS: MAY 20-JUNE 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: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING (CONTINUED)

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

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 1 ARRANGED
 MEETS: MAY 20-AUG 9

TCHG PRACTICM:EXPRC CH E 698B 1 CREDIT
 Prereq: CH E 698A
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

CHEMISTRY

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 LAB) MAY BE APPLIED TOWARD
 GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201
 2495005 1 MTWRF 9:50-10:50
 TR 11:00-12:00
 MEETS: MAY 20-JULY 12
 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 MW 11:00-2:00
 MEETS: MAY 20-JULY 12
 Section info: <http://courses.chem.iastate.edu/>
 2496010 2 TR 12:10-3:10
 MEETS: MAY 20-JULY 12
 Section info: <http://courses.chem.iastate.edu/>

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 Prereq: CHEM 177, CHEM 177L
 Note: TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED
 2499005 1 MTWR 11:00-12:00
 F 11:00-12:00
 MEETS: MAY 20-JULY 12
 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 TR 12:10-3:10
 MEETS: MAY 20-JULY 12
 Section info: <http://courses.chem.iastate.edu/>
 2500010 2 MW 12:10-3:10
 MEETS: MAY 20-JULY 12
 Section info: <http://courses.chem.iastate.edu/>

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 1 MTWRF 8:40-9:40
 MEETS: MAY 20-JULY 12

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 231;
 163L OR 177L
 Note: CREDIT FOR EITHER CHEM 331L OR CHEM 231L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 CREDIT FOR EITHER CHEM 231L OR CHEM 333L, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION.
 7900005 1 MW 9:50-12:50
 MEETS: MAY 20-JULY 12
 Section info: <http://courses.chem.iastate.edu/>
 7900010 2 MW 1:20-4:20
 MEETS: MAY 20-JULY 12
 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

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 MTWRF 8:40-9:40
MEETS: MAY 20-JULY 12

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
Prereq: CHEM 177L; CR OR ENROLLMENT IN CHEM 331
Note: CREDIT FOR EITHER CHEM 331L OR CHEM 231L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5270005 1 MW 9:50-12:50
MEETS: MAY 20-JULY 12
Section info: <http://courses.chem.iastate.edu/>
5270010 2 TR 9:50-12:50
MEETS: MAY 20-JULY 12
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 MTWRF 12:10-1:10
MEETS: MAY 20-JULY 12

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
Prereq: CHEM 331L, CR OR ENROLLMENT IN CHEM 332
Note: CREDIT IN CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5272005 1 TR 8:40-11:40
MEETS: MAY 20-JULY 12
Section info: <http://courses.chem.iastate.edu/>
5272010 2 TR 1:20-4:20
MEETS: MAY 20-JULY 12
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
***** SEE DEPT FOR REFERENCE NUMBERS

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
***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CHEM 498 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4841005 1 ARRANGED
MEETS: MAY 20-AUG 9

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 499 AND CHEM 399 MAY BE APPLIED TOWARD GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

NONTHESIS RESEARCH CHEM 599 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SEMINR INORGN CHEM CHEM 600 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2563005 1 ARRANGED
MEETS: MAY 20-AUG 9

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

CHINESE

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

CIVIL ENGINEERING

PRIN ENVIRONMT ENGR C E 326 3 CREDITS
Prereq: CHEM 177 OR 178, MATH 166, CREDIT OR ENROLLMENT IN E M 378
2284005 1 MR 2:30-4:10
TW 2:30-4:10
MEETS: MAY 20-AUG 9

CIVIL ENGINEERING

(CONTINUED)

STRUCTURAL ANALYS I C E 332 3 CREDITS
Prereq: E M 324
2285005 1 MWF 7:30-8:30
TR 7:30-9:40
MEETS: MAY 20-JULY 12

STRUCT STEEL DSGN I C E 333 3 CREDITS
Prereq: 332, E M 327
2286005 1 MWF 9:50-12:00
MEETS: MAY 20-JULY 12

REIN CONCRETE DSN I C E 334 3 CREDITS
Prereq: 332, E M 327
2287005 1 MWF 7:30-8:30
TR 7:30-9:40
MEETS: MAY 20-JULY 12

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 MW 11:00-12:00
MW 1:20-2:30
TR 11:00-2:00
MEETS: MAY 20-JULY 12

SUMMER INTERNSHIP C E 396 R CREDIT
Prereq: PERMISSION OF DEPT AND ENGR CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

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 HONORS PROGRAM STUDENTS ONLY
***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS C E 590 1- 5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT C E 599 1- 3 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS C E 690 1- 3 CREDITS
Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP C E 697 R CREDIT
Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF
Note: Department permission required.
Satisfactory-Fail Only.
7416005 1 ARRANGED
MEETS: MAY 20-AUG 9

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

CLASSICAL STUDIES

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 1 MTWRF 2:30-4:30
MEETS: MAY 20-JUNE 14

CONFLICT MANAGEMENT COMST 218 3 CREDITS
7314010 2 MTWR 9:50-12:20
MEETS: MAY 20-JUNE 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

COMMUNICATION STUDIES

(CONTINUED)

SPECIAL TOPICS COMST 590 1- 4 CREDITS
 Prereq: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

PRACTICUM C R P 330 1- 3 CREDITS
 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 Satisfactory-Fail Only.
 2386005 1 ARRANGED
 MEETS: MAY 20-AUG 9

PRO WORK EXPERIENCE C R P 410 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 2710005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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: RESTRICTED TO MEMBERS OF UNIV HONORS PROGRAM ONLY
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO WORK EXPERIENCE C R P 510 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM C R P 530 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION IN C R P
 Satisfactory-Fail Only.
 2405005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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

COMMUNITY & REGIONAL PLANNING

(CONTINUED)

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

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

COMPUTER ENGINEERING

DIG LOGC,PROCSR,P I CPR E 281 4 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 7321005 A MTWRF 9:50-10:50
 TR 2:30-5:30
 MEETS: MAY 20-JULY 12
 7321010 B MTWRF 9:50-10:50
 MW 2:30-5:30
 MEETS: MAY 20-JULY 12

EMBEDDE SYS I:INTRO CPR E 288 4 CREDITS
 Prereq: CPR E 281, COM S 207 OR 227 OR E E 285
 3364005 A MTWRF 8:40-9:40
 TR 12:10-2:10
 MEETS: MAY 20-JULY 12
 3364010 B MTWRF 8:40-9:40
 MW 12:10-2:10
 MEETS: MAY 20-JULY 12

SOFTWARE PROJCT MGT CPR E 329 3 CREDITS
 Prereq: COM S 309
 6832005 A MTW 4:50-6:40PM
 MEETS: MAY 20-JULY 12

SUMMER INTERNSHIP CPR E 396 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

INDEPENDENT STUDY CPR E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY CPR E 490H VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS CPR E 590 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT CPR E 599 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP CPR E 697 R CREDIT
 Satisfactory-Fail Only.
 7420005 1 ARRANGED
 MEETS: MAY 20-AUG 9
 Note: Department permission required.

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

COMPUTER SCIENCE

COMPUTER APPLICATNS COM S 103 4 CREDITS
 Note: CREDIT FOR EITHER COM S 103 OR COM S 113/COM S
 113X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 2673005 A ARRANGED
 MEETS: JUNE 17-AUG 9
 Note: Course delivery is WWW

COMPUTER SCIENCE

(CONTINUED)

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.
 7761005 A MW 12:10-2:00
 TR 12:10-2:00
 MEETS: JUNE 17-AUG 9

FUND CPTR PROGRAMNG COM S 207 3 CREDITS
 Prereq: MATH 150 OR PLACEMENT INTO MATH 140 OR HIGHER
 Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 9235005 A MTWRF 11:00-12:00
 TR 1:20-2:20
 MEETS: MAY 20-JULY 12

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 EXPERIENCE
 Note: CREDIT FOR EITHER COM S 227 OR COM S 207, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 9237005 A MTWRF 9:50-10:50
 MTWR 1:20-2:20
 MEETS: MAY 20-JULY 12

INTRO DATA STRUCTUR COM S 228 3 CREDITS
 Prereq: C- OR BETTER IN 227, CREDIT OR ENROLLMENT IN MATH 165
 9238005 A MTWRF 11:00-12:00
 MW 2:30-3:30
 MEETS: MAY 20-JULY 12

DISCRETE CMP STRUCT COM S 230 3 CREDITS
 Prereq: C- OR BETTER IN COM S 227 AND MATH 165; ENGL 150
 4005005 A MTWRF 8:40-9:40
 MW 11:00-12:00
 MEETS: MAY 20-JULY 12

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
 2683010 A MTWRF 12:10-1:30
 TR 2:30-3:30
 MEETS: MAY 20-JULY 12

COOPERATIVE EDUCATN COM S 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Instructor permission required.
 2691005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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 MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS COM S 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

GRADUATE INTERNSHIP COM S 598 R CREDIT
 Prereq: GRADUATE CLASSIFICATION
 5627005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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

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

SUMMER INTERNSHIP CON E 396 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

(CONTINUED)

INDEPENDENT STUDY CON E 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

CRIMINAL JUSTICE STUDIES

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: MAY 20-AUG 9
 2581010 B ARRANGED DELISI M
 MEETS: MAY 20-JULY 12

CURRICULUM & INSTRUCTION

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: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2019
 Satisfactory-Fail Only.
 6280005 1 ARRANGED
 MEETS: MAY 20-AUG 9
 Note: Course delivery is WWW

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: COURSE RESTRICTED TO EL ED AND ECE MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. TAKE CONCURRENTLY WITH 468A,448,468C.
 2066005 1 MTWR 8:00-11:40
 MEETS: MAY 13-JUNE 6

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: EL ED MAJORS TAKE CONCURRENTLY WITH 468D,378,468B ECE MAJORS TAKE CONCURRENTLY WITH C I 468D,468B,468R. RESTRICTED TO EL ED AND ECE MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 Department permission required 1st week.
 2078005 1 MTWR 8:00-11:40
 MEETS: MAY 13-JUNE 6

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: Meets U.S. diversity reqmt
 8300005 1 MTWR 2:30-5:00
 MEETS: JUNE 17-JULY 12

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 EDUCATION PROGRAM. FOR STUDENTS IN SECED.
 Meets U.S. diversity reqmt
 6292005 1 MTWR 2:30-5:00
 MEETS: JUNE 17-JULY 12

PRIN DISTANCE LEARN C I 407 3 CREDITS
 Prereq: C I 201 OR C I 202; CONVENIENT ACCESS TO THE WEB
 4037005 1 ARRANGED
 MEETS: MAY 20-JUNE 14
 Note: THE ARRANGED TIME REPRESENTS MEETINGS YET TO BE SCHEDULED AS WELL AS WWW

TEACHING IA HISTORY C I 422X 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9997005 1 ARRANGED
 MEETS: MAY 20-AUG 9
 Note: Course delivery is WWW

PRINCIPLS SECNDY ED C I 426 3 CREDITS
 Prereq: SENIOR CLASSIFICATION, ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 6293005 1 MTWRF 12:00-2:15
 MEETS: MAY 20-JUNE 14

CURRICULUM & INSTRUCTION (CONTINUED)

TCHG OF SOC STUDIES C I 443 3 CREDITS
Prereq: C I 377; CONCURRENT ENROLLMENT IN
C I 378, C I 449, C I 468B, C I 468D (EL ED MAJORS)
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS
ONLY
Department permission required 1st week.
3258005 1 MTWR 3:00-5:30
MEETS: JULY 15-AUG 9

TCHNG CHILDREN MATH C I 448 3 CREDITS
Prereq: 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: COURSE RESTRICTED TO EL ED MAJORS ONLY.
MUST BE TAKEN CONCURRENTLY WITH 468C,377,468A.
3260010 1 MTWR 12:30-3:00
MEETS: MAY 13-JUNE 6

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: COURSE RESTRICTED TO EL ED MAJORS ONLY.
MUST BE TAKEN CONCURRENTLY WITH 468D,378,468B.
Department permission required 1st week.
3261010 1 MTWR 12:30-3:00
MEETS: MAY 13-JUNE 6

LITERCY&LRNG ASESMT C I 452 3 CREDITS
Prereq: C I 378 OR EQUIVALENT
6584005 1 MTWR 9:00-11:00
ARRANGED
MEETS: JUNE 10-JULY 11
Note: MEETS JUNE 10-JULY 11. DUFFLEMEYER READING CLINIC
JUNE 17-JULY 3. REGISTER FOR SAME SECTION OF C I 488.
6584010 2 MTWR 9:00-11:00
ARRANGED
MEETS: JUNE 10-JULY 11
Note: MEETS JUNE 10-JULY 11. DUFFLEMEYER READING CLINIC
JUNE 17-JULY 3. REGISTER FOR SAME SECTION OF C I 488.

EMERG TOPC DGTL TEC C I 454 1- 3 CREDITS
Prereq: 201 OR 202
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2019
9436005 1 ARRANGED
MEETS: JUNE 3-14
Note: SECTION 1 TOPIC: DIGITAL CITIZENSHIP
Course delivery is WWW

LITRCY INTGRAT TECH C I 456 3 CREDITS
Prereq: 201 OR 202, 377
Note: Department permission required 1st week.
3257015 1 MTWRF 12:00-4:00
MEETS: MAY 20-AUG 9

EXP II:PRI RDG&LANG C I 468A 1 CREDIT
Prereq: FULL ADMISSION TO THE UNIVERSITY
TEACHER EDUCATION PROGRAM
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL
OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
EDUC PROGRAM. TAKE CONCURRENTLY WITH 377,448,468C.
Satisfactory-Fail Only.
3265005 1 MTWRF 7:30-12:30
MEETS: MAY 20-AUG 9

EXP II:RDG&LANG 4-6 C I 468B 1 CREDIT
Prereq: FULL ADMISSION TO THE UNIVERSITY
TEACHER EDUCATION PROGRAM
Note: RESTRICTED TO EL ED MAJORS WITH FULL OR
TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
EDUC PROGRAM. TAKE CONCURRENTLY WITH 378,449,468D.
Satisfactory-Fail Only.
3266005 1 MTWRF 7:30-12:30
MEETS: MAY 20-AUG 9

EXP II:MATH PRIMARY C I 468C 1 CREDIT
Prereq: FULL ADMISSION TO THE UNIVERSITY
TEACHER EDUCATION PROGRAM
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL
OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
EDUCATION PROGRAM. MUST BE TAKEN CONCURRENTLY WITH
448,468A,377.
Satisfactory-Fail Only.
3267005 1 MTWRF 7:30-12:30
MEETS: MAY 20-AUG 9

EXPRNCE II: SCI 4-6 C I 468D 1 CREDIT
Prereq: FULL ADMISSION TO THE UNIVERSITY
TEACHER EDUCATION PROGRAM
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL
OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
EDUCATION PROGRAM. CONCURRENTLY WITH 449,378,468B.
Department permission required 1st week.
Satisfactory-Fail Only.
3268005 1 MTWRF 7:30-12:30
MEETS: MAY 20-AUG 9

CURRICULUM & INSTRUCTION (CONTINUED)

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 1 MTWRF 7:30-12:30
MEETS: MAY 20-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

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
9461005 1 MTWR 11:00-1:00
ARRANGED
MEETS: JUNE 10-JULY 11
Note: MEETS JUNE 10-JULY 11. DUFFLEMEYER READING CLINIC
JUNE 17-JULY 3.
9461010 2 MTWR 11:00-1:00
ARRANGED
MEETS: JUNE 10-JULY 11
Note: MEETS JUNE 10-JULY 11. DUFFLEMEYER READING CLINIC
JUNE 17-JULY 3.

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

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 HONORS PROGRAM STUDENTS 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

TCHNOL IN TEACH&LRN C I 505 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
2796005 1 MTWRF 12:00-2:00
MEETS: MAY 20-JUNE 14

INTRO SCIENCE TEACH C I 514 2 CREDITS
Prereq: ADMISSION TO M.A.T. PROGRAM
8372010 1 MW 5:30-8:30PM
ARRANGED
MEETS: MAY 20-AUG 9

CURRICULUM & INSTRUCTION (CONTINUED)

PRIN SECONDARY EDUC C I 526 3 CREDITS
Prereq: SENIOR CLASSIFICATION, ADMISSION TO
TEACHER EDUCATION PROGRAM
7724005 1 MTWRF 12:00-2:15
MEETS: MAY 20-JUNE 14

ED PSY&SECNDY CLSRM C I 529 3 CREDITS
Prereq: BACHELOR'S DEGREE, ADMISSION INTO A
GRADUATE-LEVEL TEACHER LICENSURE PROGRAM
8674010 1 MTWR 8:40-11:10
MEETS: MAY 20-AUG 9

CORRECTIVE READING C I 552 3 CREDITS
Prereq: C I 378 OR EQUIV
3276015 1 MTWR 9:00-11:00
ARRANGED
MEETS: JUNE 10-JULY 11
Note: MEETS JUNE 10-JULY 11. DUFFLEMAYER READING CLINIC
JUNE 17-JULY 3.

TCH STRUGL ADOL RDR C I 553 3 CREDITS
Prereq: TEACHING LICENSE OR SENIOR CLASSIFICATION
7267005 1 MTWR 9:00-12:00
MEETS: MAY 20-AUG 9

RDG&RSPND CHILD LIT C I 554 3 CREDITS
Prereq: SENIOR STATUS OR TEACHING LICENSE
1672005 1 ARRANGED
MEETS: MAY 20-AUG 9
Note: Course delivery is WWW

LITRACY, LDRSHP, ADVO C I 555 3 CREDITS
Prereq: GRADUATE STANDING
9148005 1 ARRANGED
MEETS: MAY 20-AUG 9
Note: Course delivery is WWW

TCHNOL IN READ&LANG C I 556 3 CREDITS
Prereq: TEACHING LICENSE
1285005 1 MTWRF 12:00-4:00
MEETS: MAY 20-AUG 9

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
9245015 1 MTWR 11:00-1:00
ARRANGED
MEETS: JUNE 10-JULY 11
Note: MEETS JUNE 10-JULY 11. DUFFLEMAYER READING CLINIC
JUNE 17-JULY 3.

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

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 LITERACY ED C I 590M 1- 3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SCIENCE EDUC WKSHOP C I 593C 1- 3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
Note: COURSE ONLY OFFERED FOR 2 CREDIT SUMMER 2019
2812005 1 MTWR 8:30-5:00
MEETS: MAY 20-AUG 9
Note: SECTION 1: BIOTECHNOLOGY EDUCATION WORKSHOP I
2812010 2 MTWR 8:30-5:00
MEETS: MAY 20-AUG 9
Note: SECTION 2: BIOTECHNOLOGY EDUCATION WORKSHOP II
2812015 3 MTWR 9:00-5:30
MEETS: MAY 20-AUG 9
Note: SECTION 3: BIOETHICS WORKSHOP I

CURRICULUM & INSTRUCTION (CONTINUED)

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

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

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
***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC C I 690K 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

CURRICULUM & INSTRUCTION (CONTINUED)

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

RESRCH LITERACY ED C I 699M VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

DANCE

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

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

DESIGN

DESIGN STUDIO I DES 240 2 CREDITS
 Prereq: DSN S 102, DSN S 131 AND DSN S 183
 4959005 1 MW 12:10-3:30
 MEETS: MAY 20-JULY 12
 Note: TOPIC - FREEDOM & CONSTRAINT: THE GRID IN
 VISUAL CULTURE

DESIGN FORUM DES 250 2 CREDITS
 Prereq: DSN S 102, DSN S 131, DSN S 183,
 CREDIT OR CONCURRENT ENROLLMENT IN DES 230
 4960005 1 MW 9:50-11:30
 MEETS: MAY 20-JULY 12

DESIGN STUDIES

PRACTICAL EXPERIENC DSN S 310 R CREDIT
 Prereq: PERMISSION OF ADVISER OR COORDINATOR
 OF DESIGN STUDIES
 Satisfactory-Fail Only.
 5669005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS
 Prereq: GRADUATE OR SENIOR STANDING IN THE
 COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
 Note: COURSE ONLY OFFERED FOR 6 CREDITS SUMMER 2018
 2878005 1 MTWRF 8:40-12:40
 MEETS: MAY 20-JULY 12
 2878010 2 MTWR 1:20-5:30
 MEETS: MAY 20-JULY 12

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

ECOLOGY & EVOLUTIONARY BIOLOGY

SPECIAL TOPICS EEB 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND INSTR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY & EVOLUTIONARY BIOLOGY (CONTINUED)

RESEARCH EEB 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY, EVOLUTION & ORGANISMAL BIOL

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

CREATIVE COMPONENT EEOB 599 VAR. CREDITS
 2145005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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 MTWRF 11:00-12:00
 MEETS: MAY 20-JULY 12
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 Syllabus: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100010 2 MTWRF 11:00-12:00
 MEETS: JUNE 17-AUG 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 Syllabus: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

PRIN MACROECONOMICS ECON 102 3 CREDITS
 3099005 1 MTWRF 8:40-9:40
 MEETS: MAY 20-JULY 12
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

COOPERATIVE EDUC ECON 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 4834005 1 ARRANGED
 MEETS: MAY 20-AUG 9

INTERMED MICROECON ECON 301 3- 4 CREDITS
 Prereq: ECON 101; ECON 207 OR MATH 166
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019
 3101005 1 MTWRF 9:50-10:50
 MEETS: JUNE 17-AUG 9
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

COOPERATIVE EDUC ECON 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 Note: Permission of adviser required.
 4835005 1 ARRANGED
 MEETS: MAY 20-AUG 9

INDEPENDENT STUDY ECON 490 1- 5 CREDITS
 Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
 Note: COLLEGE OF AG 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 CREDITS OF ECON 490 TOWARD GRADUATION.
 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: COLLEGE OF AG 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.
 RESTRICTED TO UNIVERSITY HONORS PROGRAM STUDENTS ONLY
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC ECON 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 Note: Permission of adviser required.
 4836005 1 ARRANGED
 MEETS: MAY 20-AUG 9

ECONOMICS (CONTINUED)

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

ADVANCED TOPICS ECON 690 1- 5 CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP ECON 693 3 CREDITS
Satisfactory-Fail Only.
8649005 1 ARRANGED
MEETS: MAY 20-AUG 9

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

FLD EXP ELEM PRINCI EDADM 591A 1- 6 CREDITS
Prereq: EDADM 541, ADMISS TO PROGRAM & INSTR'S
APPROVAL
9422002 AM ARRANGED MICICH A
MEETS: MAY 20-AUG 9

FLD EXP SECOND PRIN EDADM 591B 1- 6 CREDITS
Prereq: EDADM 541, ADMISS TO PROGRAM & INSTR'S
APPROVAL
***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS EDADM 690 1- 3 CREDITS
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
***** 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

ELECTRICAL ENGINEERING

ELECTRON CIRCTS&SYS E E 230 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 222
4639005 1 MTWRF 11:00-12:00
MW 8:00-11:00
MEETS: MAY 20-JULY 12
4639010 2 MTWRF 11:00-12:00
TR 8:00-11:00
MEETS: MAY 20-JULY 12

SUMMER INTERNSHIP E E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

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

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 HONORS PROGRAM STUDENTS ONLY
Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECMAG THY E E 590A 1- 6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ELECTRICAL ENGINEERING (CONTINUED)

SPL TOP CONTROL SYS E E 590B 1- 6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN SYS E E 590C 1- 6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPTR ENGR E E 590E 1- 6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1- 6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS E E 590G 1- 6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR E E 590H 1- 6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIGNL PROCS E E 590I 1- 6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

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

ENGINEERG INTERNSHP E E 697 R CREDIT
Satisfactory-Fail Only.
5716005 1 ARRANGED
MEETS: MAY 20-AUG 9
Note: Department permission required.

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

ENGINEERING MECHANICS

ENGINEERING STATICS E M 274 3 CREDITS
Prereq: PHYS 221, CREDIT OR ENROLLMNT IN MATH 166
Note: 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
3004005 1 MTWRF 8:40-9:40
MEETS: MAY 20-JULY 12

MECHAN OF MATERIALS E M 324 3 CREDITS
Prereq: E M 274
Note: 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
3007005 1 MTWRF 9:50-10:50 ALTUKHOVA N
MEETS: MAY 20-JULY 12

ENGINEERING DYNAMICS E M 345 3 CREDITS
Prereq: E M 274, CR OR ENROLLMENT IN MATH 266 OR
MATH 267
3010005 1 MTWRF 12:10-1:10
MEETS: MAY 20-JULY 12

INDEPENDENT STUDY E M 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC THIN FILMS E M 590H 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CELULR MDIA E M 590I 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 590J 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT E M 599 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV EXP MTH E M 690N 1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV WAV PROP E M 690O 1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV MATERLS E M 690P 1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING MECHANICS

(CONTINUED)

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 1 ARRANGED
MEETS: MAY 20-AUG 9

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 OPTIONL SEMNAR ENGL 20 0 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN LIB 160
IS RECOMMENDED
Note: EACH SECTION WILL MEET TWO DAYS IN A COMPUTER
LAB. CONCURRENT ENROLLMENT IN LIB 160 IS RECOMMENDED.
3298005 A MWF 8:40-9:40
TR 8:40-9:40
MEETS: JUNE 17-AUG 9
3298015 B MWF 9:50-10:50
TR 9:50-10:50
MEETS: JUNE 17-AUG 9
3298025 C MWF 11:00-12:00
TR 11:00-12:00
MEETS: JUNE 17-AUG 9

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: EACH SECTION WILL MEET TWO DAYS IN A COMPUTER LAB
3299005 A MWF 9:50-10:50
TR 9:50-10:50
MEETS: MAY 20-JULY 12
3299010 B MWF 9:50-10:50
TR 9:50-10:50
MEETS: JUNE 17-AUG 9
3299015 C MWF 11:00-12:00
TR 11:00-12:00
MEETS: JUNE 17-AUG 9
3299020 D MWF 12:10-1:10
TR 12:10-1:10
MEETS: JUNE 17-AUG 9

ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
Prereq: ENGL 250, JUNIOR CLASSIFICATION
Note: COURSE NOT OPEN TO FRESHMEN, SOPHOMORES, AND
GRADUATE STUDENTS. ON-CAMPUS SECTIONS WILL MEET
TWO DAYS EACH WEEK IN A COMPUTER LAB.
3314005 1 MWF 8:40-9:40
TR 8:40-9:40
MEETS: MAY 20-JULY 12
3314010 2 MWF 9:50-10:50
TR 9:50-10:50
MEETS: MAY 20-JULY 12
3314015 3 MWF 11:00-12:00
TR 11:00-12:00
MEETS: MAY 20-JULY 12

CREAT WRITING:FICTN ENGL 304 3 CREDITS
Prereq: ENGL 250, NOT OPEN TO FRESHMEN
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
3316005 A MTWRF 9:50-10:50
MEETS: JUNE 17-AUG 9

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
Prereq: ENGL 250, JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.
ON-CAMPUS SECTIONS WILL MEET TWO DAYS EACH WEEK IN
A COMPUTER LAB.
3356005 1 MWF 11:00-12:00
TR 11:00-12:00
MEETS: MAY 20-JULY 12
3356010 2 MTR 11:00-12:00
WF 11:00-12:00
MEETS: JUNE 17-AUG 9

CR WRIT WKSHP:FICTN ENGL 404 3 CREDITS
Prereq: ENGL 304
3353005 A MTWRF 9:50-10:50
MEETS: JUNE 17-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

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

ENGLISH

(CONTINUED)

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

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 HONORS PROGRAM
STUDENTS ONLY.
Department permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

ACAD PUBLCTN WRITNG ENGL 508 3 CREDITS
Prereq: 6 GRADUATE CREDITS
5107005 A TR 6:00-9:20PM
MEETS: MAY 20-JUNE 28

LANGU ASSESS PRACTM ENGL 513 3 CREDITS
Prereq: ENGL 519
8728005 A ARRANGED
MEETS: MAY 20-AUG 9

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: MAY 20-AUG 9
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 1 ARRANGED
MEETS: MAY 20-AUG 9

SUPV PRACT LIT EDIT ENGL 589 1- 3 CREDITS
Prereq: ENGL 550 AND PERMISSION OF INSTRUCTOR
7611005 A ARRANGED
MEETS: MAY 20-AUG 9
Note: Instructor permission required.

SPL TOP LITERATURE ENGL 590A VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TESL/LINGUI ENGL 590B VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RHETOR&COMP ENGL 590C VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP RHE&PRO COMM ENGL 590E VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CREATV WRIT ENGL 590F VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP APP LING&TEC ENGL 590G VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENGL 599 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
MAJOR PROFESSOR
***** SEE DEPT FOR REFERENCE NUMBERS

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 W ARRANGED
MEETS: MAY 20-JUNE 21
Note: Course delivery is WWW
Section info: <https://www.ent.iastate.edu/courses/ent201>

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

SP TOP CHEM ECOLOGY ENT 590B 1- 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1- 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL&SYSTMAT ENT 590D 1- 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH TOPCS ENT 590E 1- 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEDICAL&VET ENT 590F 1- 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC MOLECULAR ENT 590G 1- 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TOXICOLOGY ENT 590I 1- 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCHNG EXPER ENT 590K 1- 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EXTENS INTRN ENT 590L 1- 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
***** SEE DEPT FOR REFERENCE NUMBERS

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 3:40-4:50
MEETS: MAY 20-AUG 9
Section info: <http://www.ent.iastate.edu/dept/courses/>

RESEARCH ENT 699 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL SCIENCE

ECOLOGY ENSCI 312 4 CREDITS
Prereq: BIOL 211L AND BIOL 212L
4996005 A MTWR 9:50-11:05
MW 12:10-3:00
MEETS: MAY 20-JULY 12

4996010 B MTWR 9:50-11:05
TR 12:10-3:00
MEETS: MAY 20-JULY 12

ECO&ENVIRON SCI GIS ENSCI 370 1- 6 CREDITS
Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL
SCIENCES; PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
4002005 1 ARRANGED
MEETS: MAY 20-AUG 9

4002010 2 ARRANGED
MEETS: MAY 20-AUG 9

ENVIRONMENTAL SCIENCE (CONTINUED)

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

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

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

ENVIRN POLIT&POLICI ENV S 383 3 CREDITS
7581010 A MTWRF 8:40-10:00
MEETS: MAY 20-JUNE 28
Prereq: SOPHOMORE CLASSIFICATION

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS
Prereq: APPROVAL OF THE ENV S COORDINATOR
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ENV S 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF ENV S COORDINATOR
***** SEE DEPT FOR REFERENCE NUMBERS

EVENT MANAGEMENT

INTRO EVENT MANAGMT EVENT 271 3 CREDITS
6726005 1 ARRANGED
MEETS: MAY 20-JUNE 14
Note: Course delivery is WWW

INDEP STDY CONFERNC EVENT 490B VAR. CREDITS
Prereq: APPROVAL OF PROGRAM COORDINATOR
Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY SPCL EVNTS EVENT 490C VAR. CREDITS
Prereq: APPROVAL OF PROGRAM COORDINATOR
Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY EVENT MGT EVENT 490D VAR. CREDITS
Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

EXCHANGE PROGRAM

EXCH NCU-TAIWAN EXPRO 304H VAR. CREDITS
Note: Department permission required.
8926010 2 ARRANGED
MEETS: JULY 8-26

FAMILY&CONSUMER SCIENCES ED&STUDIES

SHRT CRSE: HOUSING FCEDS 301F 3 CREDITS
Prereq: 6 CREDITS IN FAMILY AND CONSUMER SCI OR EDUCATION
9377005 1 MTWRF 8:00-5:00
MEETS: JULY 22-26

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 1 ARRANGED
MEETS: MAY 20-AUG 9

FAMILY&CONSUMER SCIENCES ED&STUDIES (CONTINUED)

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 1 ARRANGED
MEETS: MAY 20-AUG 9

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CREDITS
Prereq: ACCT 284, ECON 101, STAT 226
Note: COURSE NOT OPEN TO P BUS MAJORS AND GRADUATE STUDENTS
3689015 A1 MTWRF 9:50-11:50
MEETS: JULY 15-AUG 9
Note: SECTION A1 RESTRICTED TO ACCT, AG B, AN S, BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS

3689020 A2 MTWRF 9:50-11:50
MEETS: JULY 15-AUG 9
Note: SECTION A2 FOR MAJORS OTHER THAN ACCT, AG B, AN S, BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, MGMT, MIS, MKT, P BUS, SCM

CORPORATE FINANCE FIN 310 3 CREDITS
Prereq: FIN 301
Note: COURSE NOT OPEN TO P BUS MAJORS AND GRADUATE STUDENTS
3691005 A1 MTWRF 7:30-9:30
MEETS: JUNE 17-JULY 12
Note: SECTION A1 RESTRICTED TO FIN MAJORS ONLY

3691010 A2 MTWRF 7:30-9:30
MEETS: JUNE 17-JULY 12
Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY

INVESTMENTS FIN 320 3 CREDITS
Prereq: FIN 301
Note: COURSE NOT OPEN TO P BUS MAJORS AND GRADUATE STUDENTS
3692005 A1 MTWRF 12:10-2:10
MEETS: MAY 20-JUNE 14
Note: SECTION A1 RESTRICTED TO FIN MAJORS ONLY

3692010 A2 MTWRF 12:10-2:10
MEETS: MAY 20-JUNE 14
Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, ENTSP, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY

FINAN MKTS&INSTITUT FIN 330 3 CREDITS
Prereq: FIN 301
Note: COURSE RESTRICTED TO FIN MAJORS ONLY
6829005 A MTWRF 9:50-11:50
MEETS: MAY 20-JUNE 14

REAL ESTATE PRINCIP FIN 371 3 CREDITS
Prereq: ECON 101
Note: COURSE NOT OPEN TO P BUS MAJORS AND GRADUATE STUDENTS
3690005 A1 MTWRF 9:50-11:50
MEETS: JUNE 17-JULY 12
Note: SECTION A1 RESTRICTED TO FIN MAJORS ONLY

3690010 A2 MTWRF 9:50-11:50
MEETS: JUNE 17-JULY 12
Note: SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, ENTSP, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS AND BUS S

INDEPENDENT STUDY FIN 490 1- 3 CREDITS
Prereq: FIN 301, STAT 326 AND PERMISSION OF INSTRUCTOR
Note: PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES CENTER
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 1 ARRANGED
MEETS: MAY 20-AUG 9
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 1 ARRANGED
MEETS: MAY 20-AUG 9
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 1 ARRANGED
MEETS: MAY 20-AUG 9
Note: Department permission required.

FINANCE

(CONTINUED)

INTERNSHIP INVESTMT FIN 499D 1- 3 CREDITS
Prereq: FIN 320, STAT 326, GPA 2.5, PERMISSION OF
INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
6516005 1 ARRANGED
MEETS: MAY 20-AUG 9
Note: Department permission required.

INTERNSHP:CORPORATE FIN 499E 1- 3 CREDITS
Prereq: FIN 310, STAT 326, GPA 2.5, PERMISSION OF
INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
2736005 1 ARRANGED
MEETS: MAY 20-AUG 9
Note: Department permission required.

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 1 ARRANGED
MEETS: MAY 20-JULY 12
Note: Course delivery is WWW

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.
3602005 1 ARRANGED
MEETS: MAY 13-JUNE 7
Note: Course delivery is WWW

FOOD PREPARATN LAB FS HN 115 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN FS HN 111 OR
FS HN 214
2922005 1 MTWRF 8:30-4:30
MEETS: JUNE 10-JUNE 19
Note: Materials fee \$90.00

INTRO HUMAN NUTRITN FS HN 167 3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
3600005 1 ARRANGED
MEETS: MAY 20-AUG 9
Note: Course delivery is WWW

NUTRI ACTIV LIFSTYL FS HN 265 3 CREDITS
Prereq: FS HN 167; FS HN 264 OR CREDIT OR
ENROLLMENT IN BBMB 301
6232005 1 ARRANGED
MEETS: JUNE 17-AUG 9
Note: Course delivery is WWW

FOOD CHEMISTRY FS HN 311 3 CREDITS
Prereq: CHEM 231 OR CHEM 331; CREDIT OR
ENROLLMENT IN BBMB 301
3669005 1 ARRANGED
MEETS: MAY 20-AUG 9
Note: Course delivery is WWW

MED TERMNOL FOR PRO FS HN 367 1 CREDIT
9487010 2 ARRANGED
MEETS: JUNE 17-AUG 9
Note: Course delivery is WWW

FOOD LAWS®ULATNS FS HN 403 2 CREDITS
Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT
200 LEVEL OR ABOVE
3679005 1 ARRANGED
MEETS: MAY 20-JULY 12
Note: Course delivery is WWW

IND STUDY DIETETICS FS HN 490A 1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 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 490 MAY BE APPLIED
TOWARD GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NUTRITION FS HN 490C 1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION

(CONTINUED)

IND STUDY INT'L EXP FS HN 490D 1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 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 490 MAY BE APPLIED
TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM
STUDENTS ONLY.
***** 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,D 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,D 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,D 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
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C,D MAY BE
APPLIED TOWARD GRADUATION
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

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

CONSUMER NUTRI COMM FS HN 508X 2 CREDITS
Prereq: ENROLLMENT IN MPP D PROGRAM
9158005 1 ARRANGED
MEETS: MAY 20-AUG 9
Note: Course delivery is WWW

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

SEMINAR FS HN 681 1 CREDIT
3648005 1 ARRANGED
MEETS: MAY 20-AUG 9

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

RESRCH FOOD SCI&TEC FS HN 699 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

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

SPL PRB RESRC CNSRV FOR 290C 1- 4 CREDITS
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

(CONTINUED)

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

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

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

RSRCH PLANT PHYSIOL FOR 699F 1-12 CREDITS

SEE DEPT FOR REFERENCE NUMBERS

FRENCH

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

SPL TOP LANG PEDAGY FRNCH 590C 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISN; 6 CR 400-LEVEL FRNCH
Note: Permission of department chair required.
2393005 1 ARRANGED
MEETS: JUNE 17-AUG 9

GENETICS

PRINCIP OF GENETICS GEN 313 3 CREDITS
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313/301
AND 313L/301L, GEN/AGRON 320
9559005 1 MTWRF 8:40-9:40
MEETS: MAY 20-JULY 12

INDEPENDENT STUDY GEN 490 1- 5 CREDITS
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
Note: GENETICS MAJORS MAY APPLY NO MORE THAN 9 CREDITS
OF 490 (INCLUDING GEN 490) TOWARD GRADUATION

SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GENETICS GEN 495 1- 3 CREDITS
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
OF 490-499 UNIVERSITY WIDE TOWARD GRADUATION

SEE DEPT FOR REFERENCE NUMBERS

ATTEND&CRITIQ SEMNR GEN 496 1 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

(CONTINUED)

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

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
9316005 1 ARRANGED
MEETS: MAY 20-AUG 9

RESEARCH GENET 699 VAR. CREDITS

SEE DEPT FOR REFERENCE NUMBERS

GENETICS, DEVELOPMENT & CELL BIOL

SPECIAL TOPICS GDCB 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2019

SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GDCB 699 VAR. CREDITS
Satisfactory-Fail Only.

SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

INDEPENDENT STUDY GEOL 290 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

SUMMER FIELD STUDY GEOL 302 6 CREDITS
Prereq: GEOL 102, GEOL 356, GEOL 368
3881005 1 ARRANGED
MEETS: MAY 25-JULY 5
Note: Instructor permission required.
Tuition Category: Camp fee

INDEPENDENT STUDY GEOL 490 1- 3 CREDITS
Prereq: 6 CR IN GEOLOGY & PERMISSN OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE
APPLIED TOWARD GRADUATION

SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SURFIC PROC GEOL 590A 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH GEOL 590B 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOL 590C 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLGY GEOL 590D 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS PETROLOGY GEOL 590E 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOL GEOL 590H 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

(CONTINUED)

SPL TOP MIN RESOURC GEOL 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP GEOPHYSICS GEOL 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP MINERALOGY GEOL 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TECTONICS GEOL 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP PALEOECO&CLI GEOL 590N 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ISOTP GHEM 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

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

RESEARCH GEOSCI EDUC GEOL 699S VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

GERONTOLOGY

GERONTL PREPRAC SEM GERON 466 1 CREDIT
 Prereq: 9 CR IN CORE COURSES FOR THE GERON
 MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR
 7869005 1 ARRANGED
 MEETS: MAY 20-JULY 12

GERONTOLOGY

(CONTINUED)

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS
 Prereq: GERON 466, ADVANCE RESERVATION
 Satisfactory-Fail Only.
 7870005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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

INTERNSHIP GERON 591 1- 9 CREDITS
 9810061 MS ARRANGED
 MEETS: MAY 20-AUG 9
 9810077 PM ARRANGED
 MEETS: MAY 20-AUG 9

CREATIVE COMPONENT GERON 599 VAR. CREDITS
 9839005 1 ARRANGED
 MEETS: MAY 20-AUG 9

RESEARCH GERON 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL RESOURCE SYSTEMS

APPRENTICESHIP GLOBE 221 R CREDIT
 Satisfactory-Fail Only.
 6652005 1 ARRANGED
 MEETS: MAY 20-AUG 9

INDEPENDENT STUDY GLOBE 290 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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
 Meets international perspectives reqmt
 8676005 1 ARRANGED
 MEETS: MAY 20-AUG 9

INTERNSHIP - U.S. GLOBE 322 3- 6 CREDITS
 Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN
 GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF
 INSTRUCTOR AND APPROVAL BY THE GLOBAL RESOURCE
 SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND
 GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 8684005 1 ARRANGED
 MEETS: MAY 20-AUG 9
 Note: Instructor permission required.

COOPERATIVE EDUCATN GLOBE 398 R CREDIT
 Prereq: PERMISSION OF FACULTY COORDINATOR FOR THE
 MAJOR, COMPLETION OF COOPERATIVE EDUCATION APPROVAL
 FORM, REGISTRATION IN GLOBE 398X PRIOR TO COMMENCING
 WORK PERIOD
 Satisfactory-Fail Only.
 9743005 1 ARRANGED
 MEETS: MAY 20-AUG 9

SENIOR PROJECT GLOBE 401 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN GLOBE
 6799005 1 ARRANGED
 MEETS: MAY 20-AUG 9

SENIOR PROJ HONORS GLOBE 401H 3 CREDITS
 8914005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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 1 ARRANGED
 MEETS: MAY 20-AUG 9

INDEP STUDY HONORS GLOBE 490H 1- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
 APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
 6817005 1 ARRANGED
 MEETS: MAY 20-AUG 9

GLOBAL RESOURCE SYSTEMS (CONTINUED)

SERVICE LEARN INT'L GLOBE 494A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
3581005 UG ARRANGED
MEETS: MAY 20-AUG 9
Note: SEC UG TAUGHT IN UGANDA. CREATING A SCHOOL
GARDEN: SERVICE LEARNING IN UGANDA. STUDY ABROAD
SUMMER 2019. OFFERED FOR 4 CREDITS.

SERV LRNG DOMESTIC GLOBE 494B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
3604005 VI ARRANGED
MEETS: MAY 20-AUG 9

DEANS GLOBL AG PROG GLOBE 497 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
8985005 IT ARRANGED
MEETS: MAY 20-AUG 9
Note: SECT IT TAUGHT IN ROME, ITALY. DEAN'S GLOBAL &
AGRICULTURE LEADERSHIP PROGRAM: ROME. STUDY ABROAD
SUMMER 2019 OFFERED FOR 3 CREDITS

GRADUATE STUDIES

PREP FAC TCHG PRACT GR ST 587 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,
CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586
7679005 1 ARRANGED
MEETS: MAY 20-AUG 9
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: MAY 20-AUG 9
Note: Instructor permission required.

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 1 ARRANGED
MEETS: MAY 20-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

PRACTICAL TRAINING GR ST 697 R CREDIT
6905005 1 ARRANGED
MEETS: MAY 20-AUG 9
Note: THE REQUIRED APPROVAL SIGNATURE SHOULD BE
OBTAINED IN 1137 PEARSON HALL
College permission required.

GRAPHIC DESIGN

GRPHC DSN METHODLGY ARTGR 476 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR
371, ARTGR 470 OR ARTGR 482
1889005 1 MWF 8:40-12:00
MEETS: MAY 20-JULY 12

GRPH DSGN INTERNSHP ARTGR 480 3 CREDITS
Prereq: ARTGR 377, 12 CR IN GRAPHIC DESIGN;
INSTR PERMISSN, REGISTRATION IN ADVANCE OF ENROLLMENT
7746005 A ARRANGED
MEETS: MAY 20-AUG 9

IND ST THEORY, CRIT ARTGR 490A 1- 6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
***** SEE DEPT FOR REFERENCE NUMBERS

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
***** SEE DEPT FOR REFERENCE NUMBERS

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

ADVANCED TOPICS ARTGR 690 VAR. CREDITS
Prereq: MFA CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

GRAPHIC DESIGN (CONTINUED)

RESEARCH - THESIS ARTGR 699 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

HEALTH STUDIES

HUMAN DISEASES H S 350 3 CREDITS
Prereq: H S 110 AND BIOL 255, BIOL 256
4088005 1 MTWRF 7:30-9:30
MEETS: MAY 20-JUNE 14

INTERNSHP HLTH STDI H S 485 8-16 CREDITS
Prereq: SENIOR CLASSIFICATION AND ADVANCE
REGISTRATION
Note: Instructor permission required.
Satisfactory-Fail Only.
4095005 1 ARRANGED
MEETS: MAY 20-AUG 9

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

HIGHER EDUCATION

SPL TOP STDT SERVIC HG ED 590A 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN COLL HG ED 590B 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CURRENT ISS HG ED 590C 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTNL HG ED HG ED 590D 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP FED&STAT AFF HG ED 590E 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED HG ED 590F 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES HG ED 590G 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN HG ED 591 1- 4 CREDITS
Prereq: 9 CREDITS GRADUATE WORK
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HG ED 599 VAR. CREDITS
Prereq: 9 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SEM RESEARCH DESGNS HG ED 615H 1- 4 CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019
4145005 1 RF 8:00-5:00
MEETS: JULY 4-AUG 9
Note: MEETINGS ON JUNE 28-29, JULY 19-20, AUG 2-3

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

STUDI FOUND ED U.S. H P C 504 3 CREDITS
Prereq: ADMISSION TO GRADUATE LICENSURE PROGRAM
IN TEACHER EDUCATION OR PERMISSION OF INSTRUCTOR
2604005 1 MTWR 7:30-10:30
MEETS: JULY 1-AUG 2

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

HISTORICAL, PHILOSOPHICAL & COMP ED (CONTINUED)

RESEARCH H P C 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORY

INDEPENDENT STUDY HIST 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN HISTORY; PERMISSION OF
 DEPARTMENT CHAIR
 Note: COURSE NOT OPEN TO FRESHMEN. 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

SPECIAL TOPICS HIST 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIRECTED READINGS HIST 591X 1- 3 CREDITS
 Prereq: CLASSIFICATION AS A DOCTORAL STUDENT
 IN RATE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

HORTICULTURE

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 REQUIREMENTS.
 2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HORT 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT RESOURCE AND
 CAREER CENTER COORDINATOR
 Satisfactory-Fail Only.
 3652005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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

HORTICULTURE (CONTINUED)

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. RESTRICTED TO UNIVERSITY HONORS
 PROGRAM STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR HORT 490J VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
 HORTICULTURE OR PERMISSION OF INSTRUCTOR
 ***** 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: MAY 20-AUG 9

SERV LEARN DOMESTC HORT 494B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3163005 1 ARRANGED
 MEETS: MAY 20-AUG 9
 Note: VIRGIN ISLANDS

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

RSRCH GREENHSE CROP HORT 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH NURSERY CROPS HORT 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TURFGRASS HORT 699C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FRUIT CROPS HORT 699D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH VEG CROPS HORT 699E VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CROSS-COMMODT HORT 699F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH LANDSCAP HORT HORT 699G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOSPITALITY MANAGEMENT

INTERNSHIP HOSPTLTY 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

IND ST HOSPLTY 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

HOSPITALITY MANAGEMENT (CONTINUED)

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 HONORS PROGRAM STUDENTS 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 TW 8:00-5:00, ARRANGED
 MEETS: JUNE 9-AUG 9
 Note: CAMPUS MEETINGS JUNE 5-6 ONLY

CURR ISS HSPLTY MGT HSP M 506 1 CREDIT
 3458005 1 S 8:00-5:00, ARRANGED
 MEETS: JUNE 9-AUG 9
 Note: CAMPUS MEETINGS JUNE 23-24 ONLY. THE SUNDAY
 MEETING IS ALSO 8:00-5:00.

SP TOP HOSPILTY 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

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

PROFESSIONL WRITING HSP M 604 2 CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM
 8484005 1 ARRANGED
 MEETS: JUNE 9-AUG 9

ADV HOSP FINANC MGT HSP M 633 3 CREDITS
 Prereq: HSP M 433; ENROLLMENT IN PH.D. PROGRAM
 4397005 1 MTF 8:00-5:00
 ARRANGED
 MEETS: JUNE 21-JUNE 25
 Note: ARRANGED REPRESENTS A SUNDAY MEETING 8:00-5:00

SEM MARKTG THOUGHTS HSP M 640 3 CREDITS
 Prereq: HSP M 540; STAT 401; ENROLLMENT IN PH.D.
 PROGRAM
 5331005 1 WRFS 8:00-5:00
 ARRANGED
 MEETS: JULY 3-7
 Note: ARRANGED REPRESENTS THE SUNDAY 8:00-5:00 MEETING

ADV LODGING OPERATN HSP M 652 3 CREDITS
 Prereq: ENROLLMENT IN PH.D. PROGRAM
 3497005 1 MRF 8:00-5:00
 ARRANGED
 MEETS: JUNE 13-17
 Note: ARRANGED REPRESENTS THE SUNDAY 8:00-5:00 MEETING

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

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

HUMAN COMPUTER INTERACTION (CONTINUED)

HCI VISUAL DESIGN HCI 595 3 CREDITS
 8623005 1 TR 9:30-12:50
 MEETS: MAY 20-JUNE 28

CREATIVE COMPONENT HCI 599 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HCI INTERNSHIP HCI 697 R CREDIT
 Prereq: GRAD CLASSIFICATION, PERMISSION OF
 DIRECTOR OF GRADUATE EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HCI 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

FIELD EXPERIENCES HD FS 317 1- 6 CREDITS
 Prereq: 9 CREDITS IN HD FS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SP TOP HUMAN,FAMILY HD FS 590I VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV,FAMLY HD FS 591I VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HD FS 599 VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN,FAMLY HD FS 690I VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO EXPR INTERNSHP HD FS 691D VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN SCIENCES

IND STDY ENTREPRNSH H SCI 490E 1- 4 CREDITS
 5101005 1 ARRANGED
 MEETS: MAY 20-AUG 9

IMMUNOBIOLOGY

RESEARCH IMBIO 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL DESIGN

INDUS DSN INTERNSHP IND D 397 6 CREDITS
Prereq: IND D 202, 18 CR IN INDUSTRIAL DESIGN,
PERMISSION OF INSTRUCTOR
6164005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOPCS:3-D DSGN IND D 490C VAR. CREDITS
2872027 DN ARRANGED NEUBAUER D
MEETS: MAY 20-AUG 9
2872081 MK ARRANGED KARGOL M
MEETS: MAY 20-AUG 9
2872085 MO ARRANGED OBBINK M
MEETS: MAY 20-AUG 9

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 A MWF 8:30-12:00
MEETS: MAY 20-JULY 12
Note: SECTION A OFFERED FOR 3 CREDITS
4181010 B MTWRF 1:10-5:00
MEETS: MAY 20-JULY 12
Note: SECTION B OFFERED FOR 6 CREDITS

INTERNSHIP IND D 597 6 CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
OR PERMISSION OF INSTRUCTOR
9463005 1 ARRANGED
MEETS: MAY 20-AUG 9

THESIS IND D 699 6 CREDITS
Prereq: IND D 632
***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

ENGR ECONOMIC ANALY I E 305 3 CREDITS
Prereq: MATH 166
4425005 1 W 9:50-10:50, ARRANGED
MEETS: MAY 20-JULY 12

SUMMER INTERNSHIP I E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

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

MANUFACT SYSTM ENGR I E 448 3 CREDITS
Prereq: I E 248, I E 305
6090005 1 MTWRF 8:40-9:40
MEETS: MAY 20-JULY 12

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 HONORS PROGRAM STUDENTS ONLY
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

ENTRPRIS MODL&NTGRA I E 582 3 CREDITS
Prereq: 3 CREDITS IN INFORMATION TECHNOLOGY OR
INFORMATION SYSTEMS
3560005 1 MTWRF 8:40-9:40
MEETS: MAY 20-JULY 12

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

ADVANCED TOPICS I E 690 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

(CONTINUED)

ENGINEER INTERNSHIP I E 697 R CREDIT
Prereq: PERMISSION OF DEPARTMENT
Note: Department permission required.
Satisfactory-Fail Only.
7999005 1 ARRANGED
MEETS: MAY 20-AUG 9

RESEARCH I E 699 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

INFORMATION ASSURANCE

INFO ASSURNC INTERN INFAS 697 R CREDIT
Prereq: PERMISSN OF DEPT, GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
8082005 A ARRANGED
MEETS: MAY 20-AUG 9

INTEGRATED STUDIO ARTS

PRIN 3D ANIMATION ARTIS 408 3 CREDITS
Prereq: ARTIS 308
Note: Instructor permission required 1st week.
1834005 1 MTWR 11:00-3:00
MEETS: MAY 20-JUNE 28

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.
Materials and equipment use fee \$115.62
***** 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.
Materials and equipment use fee \$50.00
***** SEE DEPT FOR REFERENCE NUMBERS

IND ST ILLUSTRATION ARTIS 490F 1- 6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY METALS ARTIS 490G 1- 6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTIS 490H 1- 6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT.
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Materials and equipment use fee \$25.00
***** 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
Note: Materials and equipment use fee \$50.00
***** 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.
Materials fee \$40.00
***** 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.
Materials and equipment use fee \$90.00
***** SEE DEPT FOR REFERENCE NUMBERS

INTEGRATED STUDIO ARTS (CONTINUED)

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
Note: Materials and equipment use fee \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP: PAINTING ARTIS 493I 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8159005 1 MTWRF 9:00-11:50
MEETS: MAY 20-JULY 12
Note: SECTION 1 OFFERED FOR 3 CREDITS. TOPIC: PASTELS.

STUDIO INTERNSHIP ARTIS 497 1- 6 CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

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: Instructor permission required 1st week.
Materials and equipment use fee \$115.62
***** 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.
***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS DRAWING ARTIS 590D VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALZD
AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
Note: 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.
***** 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: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Materials and equipment use fee \$50.00
***** 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: Instructor permission required 1st week.
Materials fee \$40.00
***** 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: Instructor permission required 1st week.
Materials and equipment use fee \$90.00
***** 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: Materials and equipment use fee \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

STUDIO INTERNSHIP ARTIS 697 VAR. CREDITS
2663005 1 ARRANGED
MEETS: MAY 20-AUG 9

RESEARCH: THESIS ARTIS 699A VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

INTEGRATED STUDIO ARTS (CONTINUED)

RESRCH:THESIS EXHIB ARTIS 699B VAR. CREDITS
Note: Materials and equipment use fee \$25.00-\$1,100.00
***** SEE DEPT FOR REFERENCE NUMBERS

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
Note: COURSE RESTRICTED TO IGS MAJORS ONLY
4480005 1 ARRANGED
MEETS: MAY 20-AUG 9

THESIS RESEARCH IGS 699 VAR. CREDITS
Note: COURSE RESTRICTED TO IGS MAJORS ONLY
4481005 1 ARRANGED
MEETS: MAY 20-AUG 9

INTERIOR DESIGN

INT DSGN INTERNSHIP ARTID 460 3 CREDITS
Prereq: ARTID 350, ARTID 360, ARTID 365
1846005 A ARRANGED
MEETS: MAY 20-AUG 9

INDEPENDENT STUDY ARTID 490 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

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.
***** SEE DEPT FOR REFERENCE NUMBERS

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

ADVANCED TOPICS ARTID 690 VAR. CREDITS
Prereq: MFA CLASSIFICATION, PERMISSION OF INSTR
***** SEE DEPT FOR REFERENCE NUMBERS

DESIGN PRACTICUM ARTID 697 1- 9 CREDITS
Prereq: APPROVAL OF POS COMMITTEE
Note: CREDIT IN ARTID 697 MAY NOT BE APPLIED TO M.A.
DEGREE PROGRAM OF STUDY
2071005 1 ARRANGED
MEETS: MAY 20-AUG 9

RESEARCH: THESIS ARTID 699A VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH:THESIS-EXH ARTID 699B VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONAL STUDIES

STDY ABROAD HUMANIT INTST 395B 1- 4 CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019
Instructor permission required.
7820025 RG ARRANGED
MEETS: MAY 20-AUG 9
Note: Tuition Category: Regents Summer Study Abroad

IOWA LAKESIDE LABORATORY

ECOLOGY IA LL 312I 4 CREDITS
Note: Permission of Lakeside Lab Office required
<http://www.continuetolearn.uiowa.edu/lakesidelab>
3707005 MTWRF 8:00-5:00
MEETS: MAY 20-JUNE 14
Note: Tuition Category: Iowa Lakeside Lab

ORNITHOLOGY IA LL 326I 2 CREDITS
Note: Permission of Lakeside Lab Office required
<http://www.continuetolearn.uiowa.edu/lakesidelab>
3721005 MTWRF 8:00-5:00
MEETS: JUNE 17-JULY 12
Note: Tuition Category: Iowa Lakeside Lab

BEHAVIORAL ECOLOGY IA LL 404I 4 CREDITS
Prereq: TWO SEMESTERS OF BIOLOGY
Note: Permission of Lakeside Lab Office required
<http://www.continuetolearn.uiowa.edu/lakesidelab>
8055005 ARRANGED
MEETS: JUNE 17-28

FIELD ARCHAEOLOGY IA LL 427I 1- 4 CREDITS
Note: Permission of Lakeside Lab Office required
<http://www.continuetolearn.uiowa.edu/lakesidelab>
3840005 MTWRF 8:00-5:00
MEETS: JUNE 17-JULY 12
Note: Tuition Category: Iowa Lakeside Lab

IOWA LAKESIDE LABORATORY (CONTINUED)

INTRODUCTION TO GIS IA LL 461I 4 CREDITS
 Note: Permission of Lakeside Lab Office required
<http://www.continuetolearn.uiowa.edu/lakesidelab>
 8067005 ARRANGED
 MEETS: JULY 29-AUG 9

UG INDEP STDY IA LL IA LL 490I 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATION AND PERMISSION OF INSTRUCTOR
 Note: Permission of Lakeside Lab Office required
<http://www.continuetolearn.uiowa.edu/lakesidelab>
 3984005 1 ARRANGED
 MEETS: MAY 20-JUNE 14

3984010 2 ARRANGED
 Note: Tuition Category: Iowa Lakeside Lab
 MEETS: JUNE 17-JULY 12
 Note: Tuition Category: Iowa Lakeside Lab

ENVIRON DATA ANALYS IA LL 532 2 CREDITS
 Prereq: AN UNDERGRADUATE COURSE IN STATISTICS, UNDERSTANDING OF BASIC CONCEPTS SUCH AS CORRELATION AND REGRESSION, AND FAMILIARITY WITH PC-BASED SOFTWARE FOR DATA ANALYSIS
 Note: Permission of Lakeside Lab Office required
<http://www.continuetolearn.uiowa.edu/lakesidelab>
 8207005 ARRANGED
 MEETS: JUNE 10-14

JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS
 4656005 1A MTWRF 11:00-1:10
 MEETS: JUNE 17-JULY 12
 Note: SECTION 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS

4656010 1B MTWRF 11:00-1:10
 MEETS: JUNE 17-JULY 12
 Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN ADVRT, JL MC, P R

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 MTWR 8:40-10:50
 MEETS: MAY 20-JULY 12
 Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

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 JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING

 SEE DEPT FOR REFERENCE NUMBERS

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

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPCIALZ 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

JOURNALISM & MASS COMMUNICATION (CONTINUED)

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
 Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2019
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

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

CNCPTS FITNSS&WELLN KIN 210 2 CREDITS
 8843005 1 ARRANGED
 MEETS: MAY 20-JUNE 28
 Note: Course delivery is WWW

INDEPENDENT STUDY KIN 290 1 CREDIT
 Prereq: SOPHOMORE OR 2ND SEMESTER FRESHMAN, PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

BIOMECHANICS KIN 355 3 CREDITS
 Prereq: PHYS 111 OR PHYS 115
 5752005 1 MTWR 9:50-11:05
 MEETS: MAY 20-JULY 12

PHYSIOLOGY EXERCISE KIN 358 3 CREDITS
 Prereq: BIOL 255, BIOL 255L, BIOL 256 AND BIOL 256L
 5766005 1 MTWR 9:50-11:30
 MEETS: MAY 20-JUNE 28

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 7190005 1 MTWRF 8:40-10:50
 MEETS: JULY 15-AUG 9

MOTOR CNTROL LIFESP KIN 372 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256
 9623005 1 MTWR 1:20-3:00
 MEETS: MAY 20-JUNE 28

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: MAY 20-AUG 9

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 HONORS PROGRAM STUDENTS ONLY
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH KIN 699 1- 6 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

LAND ARCH INTERNSHP L A 444A R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 3036005 1 ARRANGED
 MEETS: MAY 20-AUG 9

L ARCH STUDY ABROAD L A 444B R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 6212005 1 ARRANGED
 MEETS: MAY 20-AUG 9

LA NAT'L STDT XCHNG L A 444C R CREDIT
 Prereq: L A 341 OR PERMISSION OF ADVISER AND
 CHAIR
 6213005 1 ARRANGED
 MEETS: MAY 20-AUG 9

TOPIC INTERDISCIPLIN L A 478I 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019
 3970010 2 ARRANGED
 MEETS: MAY 20-JULY 12
 Note: Course delivery is WWW

IND STDY LAND DSIGN L A 490A 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY PLNTNG DSN L A 490B 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT L A 490C 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY L A 490D 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STU LANDSC PLAN L A 490E 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY URBAN DSGN L A 490F 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY GRAPHICS L A 490G 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS L A 490H 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

(CONTINUED)

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

TOPIC INTERDISCIPLIN L A 578I 2- 3 CREDITS
 Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019
 7202010 2 ARRANGED
 MEETS: MAY 20-JULY 12
 Note: Course delivery is WWW

TOPICS CMPTR APPS L A 578K 2- 3 CREDITS
 Prereq: SENIOR OR GRAD CLASSIFICATION
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019
 9968005 1 MWF 8:40-10:50
 MEETS: JUNE 17-AUG 9

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

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 DSIGN 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

LANDSCAPE ARCHITECTURE (CONTINUED)

SPL TOP 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

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

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

CAMPUS LDRSHP DEVEL LD ST 270 3 CREDITS
9524005 1 MTWRF 11:00-12:00
MEETS: JUNE 17-AUG 9
Note: FOR APEX PROGRAM STUDENTS ONLY

INDEPENDENT STUDY LD ST 290 1- 3 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LD ST 490 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES

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

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

IND STUDY 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

ADV SERVICE LEARNNG LAS 491A 1- 4 CREDITS
Prereq: PERMISSION OF THE COLLEGE OF LAS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019
***** SEE DEPT FOR REFERENCE NUMBERS

ADV SVC LRN:INTL PR LAS 491C 1- 4 CREDITS
Prereq: PERMISSION OF THE COLLEGE OF LAS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019
Meets international perspectives reqmt
***** 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.
4543015 1 ARRANGED
MEETS: MAY 20-AUG 9
4543010 2 ARRANGED
MEETS: MAY 20-AUG 9

LIBERAL ARTS & SCIENCES (CONTINUED)

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
Satisfactory-Fail Only.
4862005 1 MW 11:00-12:00
ARRANGED
MEETS: MAY 20-JUNE 14
4862010 2 TR 1:20-2:20, ARRANGED
MEETS: MAY 20-JUNE 14

LINGUISTICS

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 STUDY LING ANTHR LING 490D 1- 5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

LANGU ASSESS PRACTM LING 513 3 CREDITS
Prereq: ENGL 519
9060005 A ARRANGED
MEETS: MAY 20-AUG 9

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

MANAGEMENT

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS
Prereq: ECON 101 OR ECON 102
Note: COURSE NOT OPEN TO P BUS MAJORS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION TO ADD.
5282005 A1 MTWRF 9:50-11:50
MEETS: JUNE 17-JULY 12

Note: SEC A1 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 UNDERGRAD MAJORS
5282010 A2 MTWRF 9:50-11:50
MEETS: JUNE 17-JULY 12
Note: SECTN A2 FOR MAJORS OTHER THAN ACCT, AG B, AN S, AST, BUS S, BUS U, BUSEC, DY S, ENTSP, FIN, FS A, HORT, I BUS, I R, I TEC, MGMT, MIS, MKT, P BUS, SCIS, SCM

RESPONSBL MGT BSNSS MGMT 372 3 CREDITS
Prereq: PHIL 230
7048005 A MTWRF 12:10-2:10
MEETS: JULY 15-AUG 9
Note: RESTRICTED TO UNDERGRADUATE BUSINESS STUDENTS ONLY. COURSE NOT OPEN TO P BUS.

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 SUMMER 2019 IN THE COLLEGE OF BUSINESS
5294005 A MTWRF 7:30-9:30
MEETS: MAY 20-JUNE 14
5294010 B MTWRF 7:30-9:30
MEETS: JULY 15-AUG 9

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS
Prereq: SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION
Note: COURSE NOT OPEN TO GRADUATE STUDENTS
Department permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

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

MANAGEMENT

(CONTINUED)

RESRCH PRACTICUM I MGMT 650 1 CREDIT
Prereq: ENROLLMENT IN PH D PROGRAM
***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH PRACTICUM MGMT 651 1 CREDIT
Prereq: ENROLLMENT IN PH D PROGRAM
***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFORMATION SYSTEMS

FUND CPTR PROGRAMNG MIS 207 3 CREDITS
Prereq: MATH 150 OR PLACEMENT INTO MATH 140 OR
HIGHER
6633005 A MTWRF 11:00-12:00
TR 1:20-2:20
MEETS: MAY 20-JULY 12

MGMT INFO SYSTEMS MIS 301 3 CREDITS
Prereq: COM S 113 OR BUSAD 150
4394005 A1 MTWRF 12:10-2:10
MEETS: JUNE 17-JULY 12

Note: SECTION A1 RESTRICTED TO ACCT, AG B, BUS S,
AST, BUS U, BUSEC, ENTSP, FIN, I TEC, MGMT, MIS,
MKT, SCM UNDERGRAD MAJORS

4394010 A2 MTWRF 12:10-2:10
MEETS: JUNE 17-JULY 12
Note: SECTN A2 RESTRICTED TO MAJORS OTHER THAN ACCT,
AG B, AST, BUS S, BUS U, BUSAD, BUSEC, FIN, ENTSP,
I TEC, MGMT, MIS, MKT, P BUS, SCIS, SCM

INDEPENDENT STUDY MIS 490 1- 3 CREDITS
Prereq: MIS 301, SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
Note: Department permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS MIS 590 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT MIS 599 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
SUPERVISORY COMMITTEE CHAIR
***** SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICUM I MIS 650 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM
***** SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICUM II MIS 651 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM
***** 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: COURSE NOT OPEN TO P BUS MAJORS AND GRADUATE
STUDENTS

5352005 A1 MTWRF 9:50-11:50
MEETS: MAY 20-JUNE 14
Note: SEC A1 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, P S A, SCM
UNDERGRAD MAJORS

5352010 A2 MTWRF 9:50-11:50
MEETS: MAY 20-JUNE 14
Note: SEC A2 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 BUS, I TEC, MGMT, MIS, MKT, P BUS,
P S A, SCIS, SCM

STRATEGC MRKTING MGT MKT 443 3 CREDITS
Prereq: MKT 444, MKT 447
Note: COURSE RESTRICTED TO MKT SENIORS ONLY

5358005 A MTWRF 9:50-11:50
MEETS: MAY 20-JUNE 14

INDEPENDENT STUDY MKT 490 1- 3 CREDITS
Prereq: MKT 340, SENIOR CLASSIFICATION;
PERMISSION OF INSTRUCTOR

Note: COURSE NOT OPEN TO GRADUATE STUDENTS
Department permission required.

***** SEE DEPT FOR REFERENCE NUMBERS

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

MARKETING

(CONTINUED)

RSEARCH PRACTICUM I MKT 650 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM
***** SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICUM II MKT 651 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM
***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS ENGINEERING

SUMMER INTERNSHIP MAT E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

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

SPECIAL TOPICS M S E 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT M S E 599 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS MATRL SC M S E 690 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M S E 697 R CREDIT
Prereq: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN
Satisfactory-Fail Only.
4307005 1 ARRANGED
MEETS: MAY 20-AUG 9

RESEARCH M S E 699 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

MATHEMATICS

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 REQUIREMENTS FOR GRADUATION
5132005 A MTWRF 9:50-10:50
MEETS: JUNE 17-AUG 9
5132010 B MTWRF 11:00-12:00
MEETS: MAY 20-JULY 12

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 MTWRF 8:40-10:00
MEETS: JUNE 17-AUG 9

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 FOR EITHER MATH 143 OR MATH 145, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT
FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED
TOWARD GRADUATION: MATH 141, MATH 142, MATH 143.
STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 143
TOWARD GENERAL EDUCATION REQUIREMENTS.
9173005 1 MTWRF 8:40-9:40
MEETS: MAY 20-JULY 12

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: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS
EARNED IN MATH 150 CANNOT BE APPLIED TOWARD
GRADUATION BY MATH MAJORS.
5135005 A MTWRF 9:50-10:50
MEETS: JUNE 17-AUG 9
5135010 B MTWRF 11:00-12:00
MEETS: MAY 20-JULY 12

MATHEMATICS

(CONTINUED)

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 181-182. CREDITS EARNED IN MATH 151 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. 6 CREDITS OF MATH 151, 181, 165 (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN.

5136005 A MTWRF 9:50-10:50
MEETS: MAY 20-JULY 12

5136010 B MTWRF 12:10-1:10
MEETS: JUNE 17-AUG 9

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 181-182. CREDITS EARNED IN MATH 160 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5137005 A MTWRF 11:00-12:10
MEETS: MAY 20-JULY 12

5137010 B MTWRF 11:00-12:10
MEETS: JUNE 17-AUG 9

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 181-182

5138005 A MTWRF 8:40-10:00
MEETS: MAY 20-JULY 12

5138010 B MTWRF 8:40-10:00
MEETS: JUNE 17-AUG 9

5138015 C MTWRF 8:40-10:00
MEETS: MAY 20-JULY 12

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 181-182. 6 CREDITS OF MATH 151, MATH 181, MATH 165 (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN

5139005 A MTWRF 11:00-12:20
MEETS: MAY 20-JULY 12

5139015 B MTWRF 11:00-12:20
MEETS: JUNE 17-AUG 9

5139020 C MTWRF 11:00-12:20
MEETS: MAY 20-JULY 12

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 MTWRF 8:40-9:40
MEETS: MAY 20-JULY 12

CALCULUS III MATH 265 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H

5151005 A MTWRF 9:50-11:10
MEETS: MAY 20-JULY 12

5151015 B MTWRF 9:50-11:10
MEETS: JUNE 17-AUG 9

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 269, MATH 269X.

5152005 A MTWRF 12:10-1:30
MEETS: MAY 20-JUNE 28

5152010 B MTWRF 12:10-1:30
MEETS: MAY 20-JUNE 28

5152015 C MTWRF 12:10-1:30
MEETS: JUNE 17-JULY 26

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 269, MATH 269X.

5153005 A MTWRF 12:10-1:30
MEETS: MAY 20-JULY 12

5153010 B MTWRF 12:10-1:30
MEETS: MAY 20-JULY 12

5153015 C MTWRF 12:10-1:30
MEETS: JUNE 17-AUG 9

MATHEMATICS

(CONTINUED)

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

SYSTEMS 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 1 ARRANGED
MEETS: MAY 20-AUG 9

INDEP STUDY HONORS MATH 290H 1- 3 CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM, PERMISSION OF INSTRUCTOR
Note: Department permission required.

5157005 1 ARRANGED
MEETS: MAY 20-AUG 9

COOPERATIVE EDUC MATH 398 R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION

4551005 1 ARRANGED
MEETS: MAY 20-JULY 12

ANALYSIS I MATH 414 3 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 201

5171005 1 MTWRF 11:00-12:00
MEETS: MAY 20-JULY 12

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 1 ARRANGED
MEETS: MAY 20-AUG 9

UNDERGRAD THESIS MATH 491 2- 3 CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019
Department permission required.

5184005 1 ARRANGED
MEETS: MAY 20-JULY 12

ED SEMNR TEACH STAT MATH 540A 1 CREDIT
Prereq: ENROLLMENT IN THE MASTER OF SCHOOL MATHEMATICS PROGRAM OR PROFESSIONAL STUDIES IN EDUC

6488005 1 ARRANGED
MEETS: JUNE 17-AUG 9

INDEPENDENT STUDY MATH 590 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT MATH 599 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR MATH 610 VAR. CREDITS
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2019

5231005 LH ARRANGED
MEETS: JUNE 17-AUG 9

RESEARCH MATH 699 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

ENGR THERMODYNAMICS I M E 231 3 CREDITS
Prereq: MATH 166, CHEM 167, PHYS 221
Note: CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT BOTH, MAY APPLY TOWARD GRADUATION

4877005 A MTWRF 12:10-1:30
MEETS: MAY 20-JUNE 28

Note: SECTION A RESTRICTED TO ENGINEERING COLLEGE FRESHMEN, SOPHOMORES, JUNIORS AND SENIORS ONLY

MECHANICAL ENGINEERING (CONTINUED)

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, A E MAJORS ONLY
6277005 A MTWRF 7:30-8:50
MEETS: JULY 1-AUG 9

MFG ENGINEERING LAB M E 324L 1 CREDIT
Prereq: M E 270, MAT E 273
Note: COURSE RESTRICTED TO M E, A E MAJORS ONLY
4270005 1 TR 1:20-3:45
MEETS: MAY 20-JUNE 28

MECH COMPONENT DSGN M E 325 3 CREDITS
Prereq: M E 170, E M 324, STAT 305
6287005 A MTWRF 7:30-8:50
MEETS: MAY 20-JUNE 28
Note: SECTION A RESTRICTED TO A E, M E MAJORS ONLY

ENGR THERMODYNMS II M E 332 3 CREDITS
Prereq: M E 231
Note: COURSE RESTRICTED TO M E MAJORS ONLY
4878005 1 MTWRF 12:10-1:30
MEETS: JULY 1-AUG 9

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
5703005 1 MTWRF 11:00-12:20
TR 2:30-4:55
MEETS: MAY 20-JUNE 28
5703010 2 MTWRF 11:00-12:20
WF 2:30-4:55
MEETS: MAY 20-JUNE 28
5703020 3 MTWRF 11:00-12:20
TR 8:00-10:25
MEETS: MAY 20-JUNE 28

ENGINEERING DYNAMICS M E 345 3 CREDITS
2025005 1 MTWRF 12:10-1:10
MEETS: MAY 20-JULY 12

ENGINEERING MEASUREMENTS M E 370 3 CREDITS
Prereq: E E 442, STAT 305
Note: COURSE RESTRICTED TO M E MAJORS ONLY
4881005 1 MTWRF 9:50-10:50
WF 2:30-5:30
MEETS: MAY 20-JUNE 28

SUMMER INTERNSHIP M E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

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
6310005 1 MTWRF 12:10-1:30
MW 2:30-4:55
MEETS: MAY 20-JUNE 28
6310010 2 MTWRF 12:10-1:30
TR 2:30-4:55
MEETS: MAY 20-JUNE 28

HEAT TRANSFER M E 436 4 CREDITS
Prereq: M E 335
Note: COURSE RESTRICTED TO M E MAJORS ONLY
5711010 1 MTWRF 9:50-11:10
TR 1:20-3:45
MEETS: JULY 1-AUG 9
5711015 2 MTWRF 9:50-11:10
MW 12:00-2:25
MEETS: JULY 1-AUG 9

INDEP STUDY HONORS M E 490H 1- 6 CREDITS
Prereq: SR CLASSIFICATION, MEMBERSHIP IN HONORS PROG
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS 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

MECHANICAL ENGINEERING (CONTINUED)

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

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

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

ENGINEERING INTERNSHP M E 697 R CREDIT
Prereq: PERMISSION OF DIRECTOR OF GRADUATE
EDUCATION, GRAD CLASSIFICATION
Satisfactory-Fail Only.
8151005 1 ARRANGED
MEETS: MAY 20-AUG 9

RESEARCH M E 699 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

COOPERATIVE EDUCATN MTEOR 298 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
4813005 1 ARRANGED
MEETS: MAY 20-AUG 9

METEOROL INTERNSHIP MTEOR 321 1- 2 CREDITS
Prereq: MTEOR 311; JR OR SR STANDING; PERMISSION
OF COOP PROGRAM COORD; ACCEPTANCE BY SPONSORING AGENCY
Satisfactory-Fail Only.
5381005 1 ARRANGED
MEETS: MAY 20-AUG 9

COOPERATIVE EDUCATN MTEOR 398 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4823005 1 ARRANGED
MEETS: MAY 20-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

METEOROLOGY

(CONTINUED)

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 1 ARRANGED
MEETS: MAY 20-AUG 9

IND STU INSTRUMENTN MTEOR 490D 1- 3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
1010005 1 ARRANGED
MEETS: MAY 20-AUG 9

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 1 ARRANGED
MEETS: MAY 20-AUG 9

IND STU CLIMATE/WTR MTEOR 490F 1- 3 CREDITS
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
3583005 1 ARRANGED
MEETS: MAY 20-AUG 9

COOPERATIVE EDUCATN MTEOR 498 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4824005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8427005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8429005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8430005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8431005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
8432005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8433005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8434005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8435005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8437005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
1230005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
3901005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
3904005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8669005 1 ARRANGED
MEETS: MAY 20-AUG 9

METEOROLOGY

(CONTINUED)

SP TOP GEOPH FLU DY MTEOR 590N 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
9186005 1 ARRANGED
MEETS: MAY 20-AUG 9

RESEARCH MTEOR 699 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

BIOL MICROORGANISMS MICRO 302 3 CREDITS
Prereq: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212;
ONE SEMESTER OF CHEMISTRY
1426005 1 ARRANGED
MEETS: MAY 20-JULY 12
Note: Course delivery is WWW

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
USED 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
USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP 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
USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION
***** 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 HONORS PROGRAM STUDENTS
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 1 ARRANGED
MEETS: MAY 20-AUG 9

SPECIAL TOPICS MICRO 590 1- 5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

CURR TOPIC MICROBIO MICRO 690A 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

GRAD RESEARCH ROTAT MICRO 697 VAR. CREDITS
7161005 1 ARRANGED
MEETS: MAY 20-AUG 9

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

MILITARY SCIENCE

IND STDY: BASIC MILI M S 290 1- 3 CREDITS
Prereq: PERMISSION OF THE M S DEPT CHAIR
8153005 1 ARRANGED
MEETS: MAY 20-AUG 9

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
MEETS: MAY 20-AUG 9

MOLECULAR CELLULAR DEV BIOLOGY

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS
Satisfactory-Fail Only.
7278005 1 ARRANGED
MEETS: MAY 20-JULY 12

RESEARCH MCDB 699 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS
Note: Meets international perspectives reqmt
5406005 1 ARRANGED
MEETS: MAY 20-JULY 12

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

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

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 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 VOICE MUSIC 119A 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2018
APPLIED MUSIC FEE \$150.00-\$190.00
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2018
APPLIED MUSIC FEE \$150.00-\$190.00
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2018
APPLIED MUSIC FEE \$150.00-\$190.00
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2018
APPLIED MUSIC FEE \$150.00-\$190.00
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2018
APPLIED MUSIC FEE \$150.00-\$190.00
Applied Music fee \$150.00-\$190.00
***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
Applied Music fee \$150.00-\$190.00
***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
Applied Music fee \$150.00-\$190.00
***** SEE DEPT FOR REFERENCE NUMBERS

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
***** SEE DEPT FOR REFERENCE NUMBERS

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 HONORS PROGRAM STUDENTS ONLY
Instructor permission required 1st week.
***** 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

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

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 VOICE MUSIC 319A 1- 3 CREDITS
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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

MUSIC

(CONTINUED)

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
Applied Music fee \$150.00-\$190.00

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 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 MIXED MUSIC 321J 1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING
ABILITY, PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY VOICE MUSIC 415A 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY PIANO MUSIC 415B 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2019

SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG STRINGS MUSIC 415D 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG WOODWIND MUSIC 415F 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG JAZZ PERF MUSIC 415J 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 419A 1- 3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
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: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2019
Applied Music fee \$150.00-\$190.00

SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

INDEP STUDY 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

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 STUDY 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 HONORS PROGRAM STUDENTS 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

INTERNSHIP NREM 303 1- 3 CREDITS
Prereq: PERMISSION OF DEPARTMENT MENTOR,
SOPHOMORE STANDING

SEE DEPT FOR REFERENCE NUMBERS

FIELD ECOLG MONTANA NREM 311X 4 CREDITS
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
OR EQUIVALENT AND PERMISSION OF INSTRUCTORS
0202005 1 ARRANGED
MEETS: JUNE 8-JULY 7
Note: MEETS AT MONTANA FIELD STATION
Instructor permission required.

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

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

UG INDEP STDY IA LL NREM 490I 1- 4 CREDITS
Prereq: JR OR SR CLASSIFICATION AND PERMISSION OF
INSTRUCTOR
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
8987005 1 ARRANGED
MEETS: MAY 20-JUNE 14
Note: Tuition Category: Iowa Lakeside Lab
8987010 2 ARRANGED
MEETS: JUNE 17-JULY 12
Note: Tuition Category: Iowa Lakeside Lab

DOMESTIC TRAVEL NREM 496B 1- 5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
2597005 1 ARRANGED
MEETS: JULY 6-28
Note: SECTION 2 OFFERED FOR 2 CREDITS.
TOPIC: WILDLIFE POPULATION METHODS. MEETS IN MONTANA.
ROUND TRIP TRANSPORTATION FROM AMES TO CAMP.
Instructor permission required.
2597010 2 ARRANGED
MEETS: JUNE 14-28
Note: SECTION 2 OFFERED FOR 2 CREDITS. TOPIC: FIELD
SILVICULTURE. MEETS IN MONTANA. ROUND TRIP
TRANSPORTATION FROM AMES TO CAMP.
Instructor permission required.
2597025 5 ARRANGED
MEETS: JULY 27-AUG 11
Note: SECTN 5 OFFERED FOR 2 CREDITS. TOPIC: ENDANGERED
SPECIES MANAGEMENT. MEETS AT FRENCH CONSERVATION
EDUCATION CAMP IN MONTANA. ROUND TRIP TRANSPORTATION
FROM AMES TO CAMP.
Instructor permission required.

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

DOMESTIC TRAVEL NREM 596B 1- 5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
2606005 1 ARRANGED
MEETS: JULY 6-28
Note: TOPIC: WILDLIFE POPULATION METHODS. MEETS IN
MONTANA. ROUND TRIP TRANSPORTATION FROM AMES TO CAMP.
Instructor permission required.
Materials, field trips &/or travel fee
\$300.00-\$1,200.00

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

TEACHING PRACTICUM NREM 698 1 CREDIT
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1-12 CREDITS
Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2019
***** SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

RESEARCH NEURO 699 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

NUCLEAR ENGINEERING

INDEPENDENT STUDY NUC E 490 1- 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
***** SEE DEPT FOR REFERENCE NUMBERS

NUTRITIONAL SCIENCES

SHORT COURSE NUTRS 505 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
7836010 2 MTWRF 9:00-1:00
MEETS: JUNE 10-14
Note: SECTION 2 TOPIC: SCIENCE POLICY IN AN AGE OF
PUBLIC CONFLICT

RESRCH NUTRITNL SCI NUTRS 699 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

ORGANIZATION FOR TROPICAL STUDIES

ECO TROPICAL BIOLGY OTS 510 8 CREDITS
7535005 1 ARRANGED

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS
7544005 1 ARRANGED

PERFORMING ARTS

PERFORM ARTS INTERN PERF 310 R CREDIT
Satisfactory-Fail Only.
3677005 1 ARRANGED
MEETS: MAY 20-AUG 9

PERFRM ARTS SEMINAR PERF 401 2 CREDITS
3706005 1 ARRANGED
MEETS: MAY 20-JULY 12

PHILOSOPHY

MORAL THEOR&PRACTICE PHIL 230 3 CREDITS
5827005 A MTWRF 9:50-11:50
MEETS: MAY 20-JUNE 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. COURSE RESTRICTED TO
HONORS PROGRAM STUDENTS ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATNG SR SURVEY PHIL 492 R CREDIT
Note: COURSE RESTRICTED TO PHIL SENIORS GRADUATING 1'18
Satisfactory-Fail Only.
3891005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5850005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5851005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
Note: Instructor permission required.
5852005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5853005 1 ARRANGED
MEETS: MAY 20-AUG 9

TCHRS BIOETHC WKSHP PHIL 593 2 CREDITS
8903005 1 MTWR 9:00-5:30
MEETS: JUNE 17-20

PHYSICS

GENERAL PHYSICS PHYS 111 5 CREDITS
Prereq: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF
GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
Note: IF A STUDENT ENROLLED IN 111 FOR SPRING 2019
REGISTERS FOR 111 FOR SUMMER 2019 BEFORE SPRING 2019
ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM
THE STUDENT'S SCHEDULE

5857005 1 MTWR 12:10-1:10
TWRF 9:50-10:50
MW 7:30-9:40
MEETS: JUNE 17-AUG 9

5857010 2 MTWR 12:10-1:10
TWRF 11:00-12:00
MW 1:20-3:30
MEETS: JUNE 17-AUG 9

PHYSICS (CONTINUED)

GENERAL PHYSICS PHYS 111 5 CREDITS
5857015 3 MTWRF 12:10-1:10
TWRF 11:00-12:00
MW 3:40-5:50
MEETS: JUNE 17-AUG 9

GENERAL PHYSICS PHYS 112 5 CREDITS
Prereq: PHYS 111
Note: IF A STUDENT ENROLLED IN 112 FOR SPRING 2019
REGISTERS FOR 112 FOR SUMMER 2019 BEFORE SPRING 2019
ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM
THE STUDENT'S SCHEDULE
5858005 1 MTWRF 1:20-2:20
TR 9:50-10:50
MW 9:50-12:00
MEETS: JUNE 17-AUG 9
5858010 2 MTWRF 1:20-2:20
TR 9:50-10:50
MW 2:30-4:40
MEETS: JUNE 17-AUG 9

INTR CLASSCL PHYS I PHYS 221 5 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 166
Note: IF A STUDENT ENROLLED IN 221 FOR SPRING 2019
REGISTERS FOR 221 FOR SUMMER 2019 BEFORE SPRING 2019
ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM
THE STUDENT'S SCHEDULE
5861005 1 MTWRF 9:50-10:50
MWF 8:40-9:40
R 7:30-9:40
MEETS: JUNE 17-AUG 9
5861010 2 MTWRF 9:50-10:50
MWF 11:00-12:00
R 2:30-4:40
MEETS: JUNE 17-AUG 9
5861015 3 MTWRF 9:50-10:50
MWF 11:00-12:00
R 12:10-2:20
MEETS: JUNE 17-AUG 9

INTR CLASSC PHYS II PHYS 222 5 CREDITS
Prereq: PHYS 221 OR PHYS 241, MATH 166
Note: IF A STUDENT ENROLLED IN 222 FOR SPRING 2019
REGISTERS FOR 222 FOR SUMMER 2019 BEFORE SPRING 2019
ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED
FROM THE STUDENT'S SCHEDULE
5863005 1 MTWRF 11:00-12:00
WF 8:40-9:40
TR 12:10-2:20
MEETS: JUNE 17-AUG 9
5863010 2 MTWRF 11:00-12:00
WF 9:50-10:50
TR 8:40-10:50
MEETS: JUNE 17-AUG 9
5863025 5 ARRANGED, F 9:50-11:50
F 12:20-4:30
MEETS: JUNE 17-AUG 9
Note: ONLINE COURSEWORK FOR SECTION 5 BEGINS JUNE 11.
STUDENTS ARE REQUIRED TO BE ON CAMPUS FOUR FULL
DAYS FOR LABS (JUNE 15, JUNE 29, JULY 13, JULY 27)
UNLESS THEY HAVE A LAB WAIVER APPROVED BY THE LAB
SUPERVISOR.

INDEPENDENT STUDY PHYS 290 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

INTMED LAB FOR TCHR PHYS 311T 3 CREDITS
Prereq: PHYS 112 OR PHYS 222
Note: COURSE MEETS AT AMES HIGH SCHOOL. MUST PROVIDE
OWN TRANSPORTATION TO CLASS. INTENDED PRIMARILY FOR
TEACHERS.
5873005 1 MTWRF 9:00-5:00
MEETS: JUNE 17-JULY 4

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5886005 1 ARRANGED
MEETS: JUNE 17-AUG 9

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

UNDERGRAD RESEARCH PHYS 450L 1- 6 CREDITS
Prereq: PHYS 311, PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

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. COURSE RESTRICTED
TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM.
***** SEE DEPT FOR REFERENCE NUMBERS

PHYSICS (CONTINUED)

COOPERATIVE EDUCATN PHYS 498 R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4746005 1 ARRANGED
MEETS: MAY 20-AUG 9

CREATIVE COMPONENT PHYS 599 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PHYS 699 VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION REQUIRED
***** SEE DEPT FOR REFERENCE NUMBERS

PLANT BIOLOGY

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

PLANT PATHOLOGY

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 HONORS PROGRAM
STUDENTS ONLY.
3155005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPECIAL TOPICS PL P 590 1- 3 CREDITS
Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT PL P 599 VAR. CREDITS
Prereq: FOR NON-THESIS MASTER OF SCIENCE STUDENTS
***** SEE DEPT FOR REFERENCE NUMBERS

FIELD PLANT PATHOL PL P 691 2 CREDITS
Prereq: PL P 408 OR PL P 416
5956005 1 ARRANGED
MEETS: MAY 20-AUG 9

THESIS&DIS RESEARCH PL P 699 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

ENVIRN POLIT&POLICI POL S 383 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
6010010 A MTWRF 8:40-10:00
MEETS: MAY 20-JUNE 28

ADV WRITING POL SCI POL S 395 R CREDIT
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

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

POLITICAL SCIENCE

(CONTINUED)

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. COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.
***** 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
***** SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP US P INSTIT POL S 590A 2- 5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSN
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 PERMISSN
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 PERMISSN
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 PERMISSN
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 PERMISSN
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

(CONTINUED)

SPL TOP POLICY PROC POL S 590F 2- 5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSN
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 PERMISSN
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 PERMISSN
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 PERMISSN
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP POL S 598 3- 6 CREDITS
4540005 1 ARRANGED
MEETS: MAY 20-AUG 9

CREATIVE COMPONENT POL S 599 VAR. CREDITS
Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

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

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS
6069010 A MTWRF 8:40-9:40
MEETS: JUNE 17-AUG 9

ACAD LEARN SKILLS PSYCH 131 1 CREDIT
Satisfactory-Fail Only.
6071005 A TR 1:00-2:00, ARRANGED
MEETS: JUNE 17-AUG 9
Note: SECTION A FOR APEX PROGRAM STUDENTS ONLY
Section info: <http://www.dso.iastate.edu/asc/psych131/>

6071010 B TR 1:00-2:00, ARRANGED
MEETS: JUNE 17-AUG 9
Note: SECTION B FOR APEX PROGRAM STUDENTS ONLY

6071015 C TR 3:00-4:00, ARRANGED
MEETS: JUNE 17-AUG 9
Note: SECTION C FOR APEX PROGRAM STUDENTS ONLY

6071020 D TR 3:00-4:00, ARRANGED
MEETS: JUNE 17-AUG 9
Note: SECTION D FOR APEX PROGRAM STUDENTS ONLY

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
Note: COURSE RESTRICTED TO PSYCH MAJORS. MINORS ARE ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD SLIP SIGNED IN W022 LAGOMARCINO HALL.
6076005 A MTWRF 1:20-3:20
MEETS: MAY 20-JUNE 14

RESRCH METHODS PSYC PSYCH 302 3 CREDITS
Prereq: PSYCH 301, ENGL 250
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY
1173005 A MTWRF 1:20-2:40
MEETS: JUNE 17-AUG 9

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS
Prereq: PSYCH 101
1515005 1 MTWRF 12:10-1:10
MEETS: JUNE 17-AUG 9

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS
Prereq: PSYCH 101
6082005 1 MTWRF 11:00-12:00
MEETS: MAY 20-JULY 12

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 MTWRF 8:40-10:00
MEETS: MAY 20-JULY 12

ABNORMAL PSYCHOLOGY PSYCH 460 3 CREDITS
Prereq: 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101
6102005 1 MTWRF 12:10-1:10
MEETS: MAY 20-JULY 12

PSYCHOLOGY

(CONTINUED)

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 HONORS PROGRAM JUNIORS AND SENIORS ONLY
***** 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. 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
Satisfactory-Fail Only.
4420005 1 ARRANGED
MEETS: MAY 20-AUG 9

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

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT
Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF INSTRUCTOR
7659005 1 ARRANGED
MEETS: MAY 20-AUG 9

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

EXT PRCTCM ADV CNSL PSYCH 691D VAR. CREDITS
Prereq: 691A, 691B, PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2019
***** 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

INTERN COUNSELING PSYCH 697 R CREDIT
Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN
6182005 1 ARRANGED
MEETS: MAY 20-AUG 9

RESEARCH PSYCH 699 VAR. CREDITS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

PUBLIC RELATIONS

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

PUBLIC RELATIONS

(CONTINUED)

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

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 HONORS PROGRAM STUDENTS ONLY.
Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH & EVALUATION

BASIC EDUC STATISTC RESEV 552 3 CREDITS
7368005 1 MTWR 2:00-5:00
MEETS: JUNE 17-JULY 12

INTMED EDUC STATIST RESEV 553 3 CREDITS
Prereq: RESEV 552 OR STAT 401
7684005 1 MTWR 9:00-12:00
MEETS: JUNE 17-JULY 12

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

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

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 ADVISOR AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
Note: NO MORE THAN 3 CREDITS IN RUS 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR
Department permission required.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SOCIOLOGY

CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS
Prereq: JR/SR CLASSIFCATN; 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: MAY 20-AUG 9
6370010 B ARRANGED DELISI M
MEETS: MAY 20-JULY 12
Note: SECTION B OFFERED FOR 3-4 CREDITS

SOCIOLOGY

(CONTINUED)

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 UNIV HONORS PROGRAM STUDENTS ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

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

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

SEMNR COMMUNTY STDI SOC 698L 3 CREDITS
4930005 1 ARRANGED
MEETS: MAY 20-AUG 9

RESEARCH GENERAL 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 PROJECT MGT S E 329 3 CREDITS
Prereq: COM S 309
7377005 A MTW 4:50-6:40PM
MEETS: MAY 20-JULY 12

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

INDEPENDENT STUDY S E 490 VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR
***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH

STUDY ABROAD SPAN 395 1-10 CREDITS
Prereq: 2 YRS UNIV-LEVEL SPANISH OR EQUIVALENT
Note: Meets international perspectives reqmt
Department permission required.
6489025 RG ARRANGED
MEETS: MAY 20-AUG 9
Note: SECTION RG IS REGENTS STUDY ABROAD IN PERU.
OFFERED FOR 3 CREDITS.
Tuition Category: Regents Summer Study Abroad
6489030 R2 ARRANGED
MEETS: MAY 20-AUG 9
Note: SECTION R2 IS REGENTS STUDY ABROAD IN PERU.
OFFERED FOR 3 CREDITS.
Tuition Category: Regents Summer Study Abroad

SPANISH

(CONTINUED)

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: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019.
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

SPL TOP SPANISH LIT SPAN 590A 1- 4 CREDITS
Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2019
2572005 DB ARRANGED
MEETS: MAY 20-AUG 9
Note: Instructor permission required.

SPL TOP SPAN CIVLZN SPAN 590D 1- 4 CREDITS
Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2019
3907005 1 ARRANGED
MEETS: JULY 15-AUG 9

SPECIAL EDUCATION

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

TCH EXCPT SC GEN ED SP ED 501 3 CREDITS
Prereq: BACCALAUREATE DEGREE
2607005 1 F 5:30-8:30PM
S 8:00-4:00
MEETS: MAY 20-AUG 9
Note: NO MEETINGS MAY 25,26

TCH STRUGL ADOL RDR SP ED 553 3 CREDITS
Prereq: TEACHING LICENSE OR SENIOR CLASSIFICATION
7663005 1 MTWR 9:00-12:00
MEETS: MAY 20-AUG 9

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
Note: COURSE RESTRICTED TO C I MAJORS ONLY
***** 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

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
8643010 1 MTWRF 8:40-10:40
MEETS: MAY 20-JUNE 14
8643040 2 MTWRF 8:40-10:40
MEETS: MAY 20-JUNE 14
8643015 3 MTWRF 9:50-11:50
MEETS: MAY 20-JUNE 14
8643020 4 MTWRF 11:00-1:00
MEETS: MAY 20-JUNE 14
8643025 5 MTWRF 8:40-9:40
MEETS: MAY 20-JULY 12
8643030 6 MTWRF 9:50-10:50
MEETS: MAY 20-JULY 12
8643035 7 MWF 9:50-11:30
MEETS: JUNE 17-AUG 9

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

SPEECH COMMUNICATION (CONTINUED)

CLSRM&WORKSHOP COMM SP CM 313 3 CREDITS
Prereq: SP CM 212

6430005 1 MTWRF 12:10-2:20
MEETS: JUNE 17-JULY 12

INDEPENDENT STUDY SP CM 490 1- 3 CREDITS

Prereq: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATION,
PERMISSION OF PROGRAM DIRECTOR
Note: PERMISSION OF BEN CROSBY REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ENRL SC. NO CREDITS
IN SP CM 490 MAY BE APPLIED TOWARD THE MINOR.
Department permission required.

***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNIC INTERNSHIP SP CM 499 1- 3 CREDITS

Prereq: 18 CR IN SP CM COURSES, OTHER COURSES
ADVISED 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

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

STATISTICS

PRIN OF STATISTICS STAT 101 4 CREDITS

Prereq: ONE AND A HALF YRS OF H S ALGEBRA
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
STAT 105, STAT 201, STAT 226

6502005 A MTWRF 8:40-9:40
MR 9:50-11:50
MEETS: MAY 20-JULY 12

INTRO TO STATISTICS STAT 104 3 CREDITS

Prereq: 1 & 1/2 YRS OF H S ALGEBRA
Note: 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 MWF 8:40-9:40
TF 1:20-3:20
MEETS: MAY 20-JULY 12

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. RESTRICTED TO ACCT,
BUS S, BUSAD, BUS U, BUSEC, ECON, ENTSP, FIN, I BUS,
MGMT, MIS, MKT, P BUS, SCM, AG B MAJORS ONLY.

3975005 A MTWRF 8:40-9:40
MEETS: MAY 20-JULY 12

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

6509005 A MTWRF 9:50-10:50
MEETS: MAY 20-JULY 12

Note: Instructor permission required 1st week.

INTR BUSINES 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

6510005 A MWR 8:40-9:40
TF 8:40-10:40
MEETS: MAY 20-JULY 12

PROBAB&STAT COM SCI STAT 330 3 CREDITS

Prereq: MATH 166
7372005 A MTWRF 9:50-10:50
MEETS: MAY 20-JULY 12

COOPERATIVE EDUCATN STAT 398 R CREDIT

Prereq: PERMISSION OF DEPARTMENT CHAIR
1530005 A ARRANGED
MEETS: MAY 20-AUG 9

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

STATISTICS (CONTINUED)

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

***** SEE DEPT FOR REFERENCE NUMBERS

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

3680005 1 MTWRF 8:40-9:40
MR 9:50-11:50
MEETS: MAY 20-JULY 12

STAT THEORY FOR RES STAT 588 4 CREDITS

Prereq: MATH 151 AND INSTR PERMISSN, OR MATH 265

3694005 1 MTWR 11:00-12:50
MEETS: MAY 20-JULY 12

SPCL TOPICS METHODS STAT 590B VAR. CREDITS

6555005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP DESGN EXPR STAT 590C VAR. CREDITS

6556005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS

6557005 1 ARRANGED
MEETS: MAY 20-AUG 9

SPL TOPCS STAT EDUC STAT 590E VAR. CREDITS

Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2019

8521005 1 ARRANGED
MEETS: MAY 20-AUG 9

COOPERATIVE EDUCATN STAT 598 R CREDIT

Prereq: PERMISSION OF THE DEPARTMENT CHAIR

4153005 1 ARRANGED
MEETS: MAY 20-AUG 9

Note: Permission of department chair required.

CREATIVE COMPONENT STAT 599 VAR. CREDITS

Satisfactory-Fail Only.

***** SEE DEPT FOR REFERENCE NUMBERS

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

1629005 A1 TR 12:10-2:10
ARRANGED
MEETS: MAY 20-JUNE 14

Note: SECTION A1 RESTRICTED TO ACCT, AG B, AG SO,
AST, BUS S, BUS U, BUSEC, ENTSP, FIN, I TEC, MGMT,
MIS, MKT, SCM UNDERGRAD MAJORS ONLY. SECTION A1 IS
A HYBRID COURSE THAT WILL MEET IN A CLASSROOM
TUESDAYS AND THURSDAYS 12:10-2:10 P.M. WITH THE
REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE.

1629010 A2 TR 12:10-2:10
ARRANGED
MEETS: MAY 20-JUNE 14

Note: SECTION A2 IS FOR UNDERGRADUATE MAJORS OTHER THAN
AG B, AG SO, AST, BUS S, BUS U, BUSEC, BUSAD, ENTSP,
FIN, I TEC, MGMT, MIS, MKT, P BUS, SCM. SECTION A2 IS
A HYBRID COURSE THAT WILL MEET IN A CLASSROOM
TUESDAYS AND THURSDAYS 12:10-2:10 P.M. WITH THE
REMAINDER OF THE COURSE CONTENT DELIVERED ONLINE.
ONLINE REPRESENTED BY ARRANGED.

INDEPENDENT STUDY SCM 490 1- 3 CREDITS

Prereq: SCM 301, SENIOR CLASSIFICATION, INSTRUCTOR
PERMISSION

Note: COURSE NOT OPEN TO P BUS MAJORS

***** Department permission required.
SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS SCM 590 1- 3 CREDITS

Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN

***** SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICUM I SCM 650 1 CREDIT

Prereq: ENROLLMENT IN THE PH D PROGRAM

***** SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICUM II SCM 651 1 CREDIT

Prereq: ENROLLMENT IN THE PH D PROGRAM

***** SEE DEPT FOR REFERENCE NUMBERS

SUSTAINABLE AGRICULTURE

SPECIAL TOPICS SUSAG 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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 1 MWF 1:10-5:20

ARRANGED
 MEETS: MAY 20-AUG 9

Note: MEETS MWF 1:10-5:20 ONLY THROUGH JULY 6.
 ARRANGED ONLY JULY 7-AUG 3.

TECHNOLOGY SYSTEMS MANAGEMENT

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
 ***** SEE DEPT FOR REFERENCE NUMBERS

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: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
 TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION.
 RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.
 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 OF 128 CREDITS REQ'D 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: PERMISSION OF DEPARTMENT REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES
 CENTER. NO MORE THAN 4 CREDITS OF TSM 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION.
 ***** 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 OF 128 CREDITS REQ'D 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 OF 128 CREDITS REQ'D FOR GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WKSHP OCCUPA SAFETY TSM 493D 1- 4 CREDITS
 Note: 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
 MEETS: MAY 20-AUG 9
 Note: Department permission required.

TECHNOLOGY SYSTEMS MANAGEMENT

(CONTINUED)

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

MASTER'S TECH COMM TSM 598 1 CREDIT
 Satisfactory-Fail Only.
 1911005 1 ARRANGED
 MEETS: MAY 20-AUG 9

CREATIVE COMPONENT TSM 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLGY INTERNSHP TSM 697 R CREDIT
 Prereq: PERMISSION OF MAJOR PROFESSOR AND
 APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION
 Satisfactory-Fail Only.
 4646005 1 ARRANGED
 MEETS: MAY 20-AUG 9

DOCTORAL TECH COMM TSM 698 1 CREDIT
 Satisfactory-Fail Only.
 1926005 1 ARRANGED
 MEETS: MAY 20-AUG 9

RESEARCH TSM 699 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE

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

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

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

SPECIAL TOPICS THTRE 590 1- 4 CREDITS
 Prereq: APPROVED WRITTEN PROPOSAL
 Note: Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 7126005 1 ARRANGED
 MEETS: MAY 20-AUG 9

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526 RUMBEIHA W
 1231005 A ARRANGED
 MEETS: MAY 20-AUG 9

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

TOXICOLOGY

(CONTINUED)

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: MAY 20-AUG 9

RESEARCH TRANS 699 VAR. CREDITS
 6787005 1 ARRANGED CHEN H
 MEETS: MAY 20-AUG 9

UNIVERSITY STUDIES

FIRST-YR SEM I:APEX U ST 101F 1 CREDIT
 Prereq: ACCEPTANCE/PARTICIPATION IN APEX PROGRAM
 Note: COURSE FOR APEX PROGRAM STUDENTS ONLY
 Satisfactory-Fail Only.
 8454005 1 TR 1:10-2:00
 MEETS: JUNE 17-AUG 9
 8454010 2 TR 3:10-4:00
 MEETS: JUNE 17-AUG 9
 8454015 3 TR 3:10-4:00
 MEETS: JUNE 17-AUG 9
 8454020 4 TR 1:10-2:00
 MEETS: JUNE 17-AUG 9

INDEPENDENT STUDY U ST 490 VAR. CREDITS
 Prereq: PERMISSION OF THE ASSOCIATE PROVOST
 Note: PERMISSON OF ASSOC PROVOST FOR UNDERGRAD PROGRAMS
 REQUIRED. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

URBAN DESIGN

URBN DSN GLOBL STDO URB D 502 6 CREDITS
 Prereq: GRADUATE STANDING, OR SENIOR
 CLASSIFICATION WITH INSTRUCTOR PERMISSION
 3863005 1 MWR 9:00-3:00
 MEETS: MAY 20-JULY 12

SPL TOP URBAN DESGN URB D 590X 1- 3 CREDITS
 Prereq: GRADUATE STANDING
 0198084 SL ARRANGED LEE S
 MEETS: MAY 20-AUG 9

VET DIAGNOSTIC & PRODUCTION AN MED

PRECP:MXD FD AN MED VDPAM 420A 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED
 9072005 1 ARRANGED BRICK T

PRECP PRD AN MD:MXD VDPAM 420B 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED
 5207005 1 ARRANGED BRICK T

PRECP PROD AN:GOVT VDPAM 420C 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED
 5210005 1 ARRANGED GORDEN P

PRECP PRD AN MD:POU VDPAM 420P 1- 6 CREDITS
 Prereq: 4TH YEAR CLASSIFICATION IN V MED.
 RECOMMENDED: VDPAM 408 OR VDPAM 498.
 Note: NO MORE THAN 6 CREDITS IN VDPAM 420P MAY BE
 APPLIED TOWARD GRADUATION
 9110005 1 ARRANGED SATO Y

GPVEC:SHEEP WEANING VDPAM 421R 1 CREDIT
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
 ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
 9793005 1 ARRANGED ENGELKEN T

CLIN EMBRYO TRANSFR VDPAM 451 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4334005 1 ARRANGED DOHLMAN T

ANIM WELFARE CLINIC VDPAM 465 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 9642005 1 ARRANGED MILLMAN S
 MEETS: MAY 20-AUG 9

THERIOGENOL:FD ANIM VDPAM 471 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN V MED
 6694005 1 MTWRF 8:00-5:00 DOHLMAN T

FOOD AN&CAM FLD SRV VDPAM 476 1- 2 CREDITS
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN
 VETERINARY MEDICINE
 Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2019
 8725005 1 MTWRF 8:00-5:00 BRICK T

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

FD ANM&CAM MED&SURG VDPAM 477 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6909005 1 MTWRF 8:00-5:00 KREUDER A

SWINE PHARMAC&TREAT VDPAM 478B 2 CREDITS
 Prereq: VDPAM 310
 9928050 1 ARRANGED
 MEETS: MAY 20-AUG 9

SWI PROD MED PRECEP VDPAM 479 1- 6 CREDITS
 Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION
 IN VETERINARY MEDICINE
 Note: COURSE RESTRICTED TO VM 4 STUDENTS ONLY
 5454005 1 ARRANGED KARRIKER L

SWINE PRODUCTN MED VDPAM 480 2 CREDITS
 Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED
 OR PERMISSION OF INSTRUCTOR
 5572005 1 ARRANGED KARRIKER L

BF PROD MED PRECPTR VDPAM 482 1- 6 CREDITS
 Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED
 4331005 1 ARRANGED ENGELKEN T

DAIRY PRODUCTN MED VDPAM 484 2 CREDITS
 Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATN IN V MED
 5609005 1 MTWRF 8:00-12:00 GORDEN P
 MTWRF 2:00-5:00

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS
 Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATN IN V MED
 Note: MULTIPLE ENROLLMENTS ARE ALLOWED. RESTRICTED
 TO 4TH YEAR VET MED STUDENTS.
 5431005 1 ARRANGED GORDEN P

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

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS
 Prereq: 2ND, 3RD OR 4TH YR CLASSIFICATN IN V MED
 Satisfactory-Fail Only.
 7848005 1 ARRANGED

POULTRY MEDICINE VDPAM 498X 2 CREDITS
 Prereq: VM4 STUDENT, OR BY PERMISSN OF INSTRUCTOR
 0221005 1 ARRANGED
 MEETS: MAY 20-AUG 9

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS
 Prereq: D.V.M. DEGREE OR VDPAM 526
 7676005 A ARRANGED RUMBEIHA W
 MEETS: MAY 20-AUG 9

ADV VET DIAGNOS LAB VDPAM 551 1- 3 CREDITS
 Prereq: VDPAM 455
 ***** SEE DEPT FOR REFERENCE NUMBERS

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 1 ARRANGED
 MEETS: MAY 20-AUG 9

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE
 PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH VDPAM 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES

ONCOLOGY V C S 409 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2019
 9213005 1 MTWRF 8:00-5:00

PRECEPTOR COMPANION V C S 419A 2- 6 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED,
 PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
 3695005 1 MTWRF 8:00-5:00
 MEETS: MAY 20-AUG 9

PRACTICUM V C S 420 R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED,
 PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 4548005 1 ARRANGED

VETERINARY CLINICAL SCIENCES (CONTINUED)

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 1 ARRANGED
Note: Permission of instructor required. Process
Approved add slip in 2270A Vet Med.

SM ANIML SHELTR MED V C S 437 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
7944005 1 MTWRF 8:00-5:00

CANINE REHABILITATN V C S 441 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
9232005 1 MTWRF 8:00-5:00

CLINICAL NEUROLOGY V C S 446 2 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
5112005 1 MTWRF 8:00-5:00

CLINICL DERMATOLOGY V C S 452 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VETINARY
MEDICINE. MUST HAVE INSTRUCTOR PERMISSION TO REPEAT
THIS COURSE.
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
1931005 1 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 4TH YEAR VET MED STUDENTS
6889005 1 MTWRFS 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 4TH YEAR VET MED STUDENTS
6891005 1 MTWRFS 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 4TH YEAR VET MED STUDENTS
6892005 1 MTWRFS 8:00-5:00

EQUINE MEDICINE V C S 457 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6893005 1 MTWRFS 8:00-5:00

EQUINE SURGERY V C S 458 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6894005 1 MTWRFS 8:00-5:00

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4050005 1 MTWRF 8:00-5:00

SM AN OVERPOP D.M. V C S 459B 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4107010 1 MTWRF 8:00-5:00

SM AN OVERPOP K.C. V C S 459C 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4313015 1 ARRANGED

SM AN OVERPOP BOULD V C S 459D 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6542005 1 MTWRF 8:00-5:00

SM AN OVERPOP ASHVL V C S 459E 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6640005 1 MTWRF 8:00-5:00

RADIOLOGY V C S 460 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6896005 1 MTWRFS 8:00-5:00

PRIMARY CARE V C S 463 2 CREDITS
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
2322005 1 MTWRFS 8:00-5:00

EQUINE FIELD SERVIC V C S 464 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
4247005 1 MTWRF 8:00-5:00

FARRIER V C S 465 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
7756005 1 MTWRF 8:00-5:00

VET ANESTHESIOLOGY V C S 466 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6898005 1 MTWRFS 8:00-5:00

VETERINARY CLINICAL SCIENCES (CONTINUED)

INTENSIVE CARE V C S 468 4 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6900005 1 ARRANGED

OPHTHALMOLOGY V C S 469 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6901005 1 MTWRFS 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

EQUINE REPRODUCTION V C S 471E 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM REPRODUCTN V C S 471S 2 CREDITS
***** 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 1 MTWRFS 8:00-5:00

EQUINE ANESTHESLOGY 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

INTENSV&CRITCL CARE V C S 478 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
9816005 1 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 1 MTWRF 8:00-5:00
MEETS: MAY 20-AUG 9
Note: Materials and equipment use fee \$75.00

INDEPENDENT STUDY V C S 490 VAR. CREDITS
Prereq: PERMISSION OF COURSE INSTRUCTOR-OF-RECORD
AND SPONSORING V C S FACULTY MEMBER
***** SEE DEPT FOR REFERENCE NUMBERS

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
Satisfactory-Fail Only.
6094005 1 ARRANGED

SPL TOPICS MEDICINE V C S 590A 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
***** SEE DEPT FOR REFERENCE NUMBERS

SPCL 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 OPHTHALMLGY V C S 590F 1- 3 CREDITS
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

RESEARCH MEDICINE V C S 699A VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

RSEARCH OPHTHALMLGY 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

PUBLIC HEALTH LAB V MPM 486 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6951005 1 MTWRF 8:00-12:00
 MTWRF 2:00-5:00

INDEPENDENT STUDY V MPM 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 Note: COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2019
 Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH V MPM 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY

NECROPSY LAB PRACTM V PTH 456 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
 7007005 1 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 4TH YEAR VET MED STUDENTS
 7008005 1 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

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS
 Prereq: 376 OR 576
 9668005 1 ARRANGED
 MEETS: MAY 20-AUG 9

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT
 Prereq: 457, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 7037005 1 ARRANGED
 MEETS: MAY 20-AUG 9
 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 1 ARRANGED
 MEETS: MAY 20-AUG 9

POSTMORT PATHOL LAB V PTH 551 1- 3 CREDITS
 Prereq: 542, PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7038005 1 MTWRF 1:10-5:00
 S 10:00-11:50
 MEETS: MAY 20-AUG 9

SPL TOPC VET PATHOL V PTH 590A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 590B 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP VET CLIN PTH V PTH 590D 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS V PTH 590E 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PATHOL V PTH 599A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY

(CONTINUED)

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

CURR TOPICS SEMINAR V PTH 605 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7029005 1 ARRANGED
 MEETS: MAY 20-AUG 9

DIAG INTERP V PARAS V PTH 606B R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7030005 1 ARRANGED
 MEETS: MAY 20-AUG 9

DIAG INTERP VET TOX V PTH 606C R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 5787005 1 ARRANGED
 MEETS: MAY 20-AUG 9

DIAG INTERP CLINPTH V PTH 606D R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 9694005 1 ARRANGED
 MEETS: MAY 20-AUG 9

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

WOMEN'S AND GENDER STUDIES

INDEPENDENT STUDY WGS 490 1- 3 CREDITS
 Prereq: ANY TWO COURSES IN WGS
 Note: NO MORE THAN 6 CREDITS OF WGS 490 MAY BE
 APPLIED TOWARD REQUIREMENTS FOR THE WGS 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

SENIOR THESIS WGS 499 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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