Summer Session 2015
Session I May 18 - July 10
Session II June 15 - August 7
University Holidays May 25
July 3

Registration Start Dates for Summer 2015
Veterinary Medicine students: Monday, March 23
Graduate students: Monday, March 23 - Wednesday, March 25
All seniors: Tuesday, March 24 - Monday, March 30
Projected juniors: Tuesday, March 31 - Monday, April 6
Projected sophomores: Tuesday, April 7 - Monday, April 13
Continuing freshmen: Tuesday, April 14 - Monday, April 20

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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Summer Semester Courses

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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 2015 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 2015, 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 Monday, April 27. 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 22. You can initiate registration for summer session I courses using AccessPlus Registration through Wednesday, May 20. 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.
May 17, Sun. • Last day to cancel registration for full-12 week summer courses to avoid tuition assessment.

May 18, Mon. • Class work begins, Session I courses.
• Fee payment deadline for summer semester. First payment (minimum due) or payment in full.

May 20, Wed. • 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.

May 22, Fri. • Last day to process most schedule changes without a fee; or to add/p
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.

May 24, Mon. • University holiday—offices closed, classes recessed.

May 29, Fri. • Last day to elect to audit a course for a twelve-week, full summer
course. The instructor of the course must
approve an audit.

June 1, Mon. • Deadline for approval (with all signatures) of new experimental
course forms for Fall 2015.
• Preliminary room assignments for Fall 2015 distributed
to departments from Room Scheduling.
• Original course offerings for Spring 2016 distributed to departments.

June 12, Fri. • 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.

June 15, Mon. • Class work begins, Session II courses.

June 17, Wed. • 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 19, Fri. • Fee payment deadline for summer.
Second payment (minimum due).
• 4 p.m. Preliminary room assignments
for Fall 2015, 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.
• Last day to file a Designation of Repeated Course form for a summer course that is not an automatic
designated repeat.

June 22, Mon. • University holiday—offices closed, classes recessed.

June 24, Wed. • Last day to drop a Session II 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.

June 26 Fri. • Last day to change a Session II course from Pass/Not Pass to grade without it counting toward total
allowable P/NP credits used for graduation.
• Last day to drop a Session II course without the drop appearing on the permanent record or counting
  toward the limit of dropped courses.

July 1, Fri. • Last day to summer. Second payment (minimum due).
• Last day to elect to audit a course for Session II. The instructor of the course must
approve an audit.
• Last day to change a Session II 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.

July 3, Fri. • Last day to change a Session II 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.

July 10, Fri. • Last day to add/drop a course or withdraw without extenuating
circumstances (Session II courses).
• Last day to change a Session II 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.
• Last day to file a Designation of Repeated Course form for a summer course that is not an automatic
designated repeat.

July 17, Fri. • Last day to change a Session II course to from Pass/Not Pass. Courses changed
to graded basis after June 1 count
  toward the total allowable P/NP
  credits used for graduation.

July 19, Sun. • Last day to summer. Second payment (minimum due).
• Last day to elect to audit a course for Session II. The instructor of the course must
approve an audit.
• Last day to change a Session II 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.

July 21, Tues. • Last day to file a Designation of Repeated Course form for a summer course that is not an automatic
designated repeat.
• Last day to summer. Second payment (minimum due).
• Last day to elect to audit a course for Session II. The instructor of the course must
approve an audit.
• Last day to change a Session II 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.

July 24, Fri. • Last day to file a Designation of Repeated Course form for a summer course that is not an automatic
designated repeat.
• Last day to summer. Second payment (minimum due).
• Last day to elect to audit a course for Session II. The instructor of the course must
approve an audit.
• Last day to change a Session II 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.

Aug. 7, Fri. • Last day to add/drop a course or withdraw without extenuating
circumstances (Session II courses).
• Last day to elect to audit a course for Session II. The instructor of the course must
approve an audit.
• Last day to change a Session II 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.

Aug. 12, Wed., 2:15 p.m. • Last day to summer. Second payment (minimum due).
• Last day to elect to audit a course for Session II. The instructor of the course must
approve an audit.
• Last day to change a Session II 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.

Aug. 13, Thurs. • Last day to summer. Second payment (minimum due).
• Last day to elect to audit a course for Session II. The instructor of the course must
approve an audit.
• Last day to change a Session II 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.
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 ...................................................................2620 Howe .........................................................294-3900
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.

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.

Graduate 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.

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.

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Tuition and Fees area, 0460 Beardshear, at 515-294-1889, 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 Admissions, 100 Enrollment Services Center.

Questions about the registration process, contact:

Office of the Registrar's Student Scheduling 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
2620 Howe
294-9285

Graduate College
1137 Pearson
294-4531

Human Sciences
0131 MacKay
294-6466

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

Veterinary Medicine
2540 Vet Med
294-0772
International Students

All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the 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: intlserv@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, 10 Enrollment Services or faxed to 515-294-6773 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

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, Tuition and Fees area, at 515-294-1889 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, 513-294-1889 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: intlserv@iastate.edu.
General Information about Registering for Courses

Registration

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.

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.

Initiating Registration

The last day to initiate a new registration for through AccessPlus registration or the Student Scheduling Office in 10 Enrollment Services Center for Summer 2015 full-12 week classes is Wednesday, May 21.

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.
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. A schedule change fee is assessed for adds, drops, and section changes during this period. 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. There is no schedule change fee for administrative schedule changes. 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 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. There is no fee for administrative schedule changes. Administrative drops do not count toward a student's ISU drop limit and do not appear as an X on the permanent record. To make a Period 3 R-credit drop administrative requires approval of the college dean.

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

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

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

Each semester 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 2015 Fee Schedule

Tuition and fees are subject to change without notice. Enrollment is not complete until fees are paid. Tuition is charged at the per credit rate shown below. For more information, go to the ISU index under Fees.

## Tuition & Fees Schedule Per Semester

*In effect for Summer 2015. Subject to change without notice.*

<table>
<thead>
<tr>
<th></th>
<th>Resident</th>
<th>Nonresident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Time Rates</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate (12 or more credits)</td>
<td>$3,324.00</td>
<td>$9,767.00</td>
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<tr>
<td>Agricultural Systems Technology &amp; Industrial Technology, Junior &amp; Senior</td>
<td>$4,407.50</td>
<td>$10,827.00</td>
</tr>
<tr>
<td>Architecture, undergraduate</td>
<td>$3,924.00</td>
<td>$10,379.00</td>
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<tr>
<td>Business Juniors and Seniors</td>
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<td>$10,602.00</td>
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<tr>
<td>(excludes Pre-Business)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineering Juniors and Seniors</td>
<td>$4,407.00</td>
<td>$10,827.00</td>
</tr>
<tr>
<td>Graduate (9 or more credits)</td>
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<td>$10,402.00</td>
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<tr>
<td>Architecture, Graduate</td>
<td>$4,605.00</td>
<td>$11,019.00</td>
</tr>
<tr>
<td>Engineering Graduate:</td>
<td>$4,605.00</td>
<td>$10,993.00</td>
</tr>
<tr>
<td>Seed Technology &amp; Business</td>
<td>$4,850.00</td>
<td>$11,269.00</td>
</tr>
<tr>
<td>Veterinary Medicine (12+ credits)</td>
<td>$10,007.00</td>
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<tr>
<td>Veterinary Medicine (4th year students)</td>
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<td>$17,925.00</td>
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</tbody>
</table>

For students enrolled for less than a full course load and for the most current and complete information, see the Fee Schedule Per Credit list at http://www.registrar.iastate.edu/fees/

## Additional information:

- Audits and zero credit courses: assessed according to contact hours; maximum charge for zero credit courses is three credit hours
- Continuous registration fee for graduate students: $70 Fall & Spring semesters only.
- 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.


- **Developmental courses** are assessed additional fees above and beyond tuition for other courses taken during the same term. Fee subject to change without notice.
  - Math 10 - $530
  - Chem 50 - $350
  - Engl 99L - $240
  - Engl 99R - $160
  - Engl 99S - $480
  - Span 97 - $325

- **Distance education courses** are assessed at the resident rate and the 2 credit tuition minimum does not apply, with the exception of graduate level research courses.

- **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.

- **Workshop fee** for one-credit workshops, with no other course enrollments, is $277 for undergraduate students and $444 for graduate students.

- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.
Tuition and Fees

Tuition and fees are subject to change without notice.

Payment of Fees
The Accounts Receivable Office bills students for tuition, room, meal plan, and various other university charges. A statement of new charges will be available the first of each month on their AccessPlus account. Students will receive an e-mail message at their Iowa State e-mail address telling them that their bill is available on AccessPlus. It is their responsibility to ensure that the university has a correct e-mail address and to regularly check their Iowa State e-mail account. If they are unable to use AccessPlus to view their bill, they should contact the Accounts Receivable Office to learn the amount of their account balance due. Failure to view a billing statement will not exempt them from late penalties or from having a hold placed on their registration. Payments for 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 515-294-1889 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.
Appealing Tuition Assessments

Students may appeal a tuition and fees assessment for withdrawal by obtaining a “Procedures for Appealing Assessed Tuition” form from the fees section in the Office of the Registrar, 0460 Beardshear. The Office of the Registrar will review appeals for possible tuition and fees adjustment for the semester in question only after the written appeal and appropriate support documentation are received from the student. Determinations will be made by the Office of the Registrar based on extenuating circumstances beyond the control of the student. The results will be sent to the student in writing. Students may appeal the decision of the Office of the Registrar by writing an appeal letter to the Tuition Appeals Review Committee. This letter should be submitted to the Office of the Registrar within 10 calendar days after receiving the original decision. A final appeal of the Tuition Appeals Review Committee decision can be made by submitting a request in writing to the Office of the Provost.

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.

GLOSSARY OF FEES

Activity, Services and Building Fee

The activity, services and building fee is a mandatory fee that supports a variety of activities and services for all full time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRide. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged $320.70 each fall and spring semester, and all students will be charged $161.00 for the summer semester.

Exemptions are granted for students exclusively registered for the following: distance education courses (courses with sections beginning with an X); continuous registration courses, or students enrolled under the 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.

Application Fee

A nonrefundable application fee must accompany the application for admission. The application fee for domestic students undergraduates is $40 and for graduates $60, the international application fee for undergraduates is $50 and for graduate students is $100.

Technology Fee

All students will be charged a computer technology fee each semester. Full-time graduate and undergraduate students enrolled in the College of Engineering (including Systems Engineering) or students majoring in Agricultural Systems Technology or Industrial Technology are charged $223 per semester. Full-time graduate and undergraduate students majoring in Computer Science, or Pre-Computer Science are charged $223. Full-time undergraduate students enrolled in the College of Business except students in Pre-Business are charged $135 per semester, while full-time graduate students are charge $115 per semester. All other full-time undergraduate students will be charged the standard computer fee of $115 per semester. Fulltime graduate students will be assessed $92. Engineering and Computer Science graduate students with graduate assistant appointments will be assessed $111.50. Business graduate students on assistantship will be assessed $56. All other majors, regardless of the number of credits in and the fraction of time they are on appointment will be assessed $46.
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.

**Graduation Fee**
The $75.00 graduation fee is assessed to students when they submit an application for graduation. The fee partially covers the cost of such items as diplomas, diploma covers, data processing, personnel, the commencement program booklet, postage and mailing costs of diplomas not distributed at commencement, and the implementation of a new degree audit system. This fee is non-refundable.

**Health Facility Fee**
All students are assessed an $49 health facility fee for Summer 2015, 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 GR ST 600, 601, Psych 597, 697; or high school students enrolled under the Postsecondary Enrollment Options Act. Note: The health facility fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship. For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule will also be used for the health facility fee.

**Health Fee (Mandatory)**
All students are assessed an $49 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 GR ST 600, 601, 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 $49 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 mandator health fee. Spouses/domestic partners of students who wish to use the Thielen Student Health Center must pay the $49 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 14. Students will be assessed a $60 nonrefundable graduation fee the tenth day of classes. (This fee is subject to change.)

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 2015.

• An “Application for Graduation” (diploma slip) should be obtained from the student's department and filed in the Graduate College by Friday, June 5.

• Last day for graduate students to cancel graduation, by June 26. All graduate students who haven't cancelled by this date will be assessed a non-refundable 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 17.


• Signatures must be obtained on the “Graduate Student Approval Slip” by Tuesday July 21. 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:

<table>
<thead>
<tr>
<th>Grade Quality Points</th>
<th>Grade Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 4.00</td>
<td>C 2.00</td>
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<tr>
<td>A- 3.67</td>
<td>C- 1.67</td>
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<td>B+ 3.33</td>
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<td>D- 0.67</td>
</tr>
<tr>
<td>C+ 2.33</td>
<td>F 0.00</td>
</tr>
</tbody>
</table>

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 http://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 students 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 http://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.
Credit hour requirements are:

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

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

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

Campus Parking
Vehicles operated on campus must be registered at the Parking 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 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.

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Department</th>
<th>Course Number</th>
<th>Number of Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEGAL ENVIRONMT BUS</td>
<td>ACCT</td>
<td>215</td>
<td>3 CR.</td>
</tr>
<tr>
<td>PREREQ: SOPH CLASSIFICATION</td>
<td></td>
<td></td>
<td>Special Notes:</td>
</tr>
<tr>
<td>COURSE RESTRICTED TO SOPH AND ABOVE</td>
<td></td>
<td></td>
<td>(prerequisites, restrictions, etc)</td>
</tr>
<tr>
<td>5277005 A MWF 9:00-9:50</td>
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<tr>
<td>5277010 B MWF 11:00-11:50</td>
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</tbody>
</table>

Reference Number

Days of the week a Course meets:
- M- Monday
- T- Tuesday
- W- Wednesday
- R- Thursday
- F- Friday

Course meeting time
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 Centerl.

Course Descriptions
Course descriptions can be found at http://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.
Course Information

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 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 Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services Center. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to 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 Student 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 Center.

Room Assignments

Beginning Saturday April 25, 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 students 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.
### Summer Sessions Registration Trial Schedule Form (Time Grid)

<table>
<thead>
<tr>
<th>Days</th>
<th>7:30 a.m.</th>
<th>8:40 a.m.</th>
<th>9:50 a.m.</th>
<th>11:00 a.m.</th>
<th>12:10 p.m.</th>
<th>1:20 p.m.</th>
<th>2:30 p.m.</th>
<th>3:40 p.m.</th>
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<th>2:30 p.m.</th>
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Registration Worksheet

Name (please print): ____________________________________________

(First)  (Middle)  (Last)  (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 http://http://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 http://accessplus.iastate.edu/. Follow the instructions and prompts on the screens. It is your responsibility to check for schedule conflicts. Attempt to add a course you need even if the section is closed. This action helps the university monitor unmet course demand.

D. Additional Registration Regulations
   Using the AcessPlus registration system is a priviege, 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.

<table>
<thead>
<tr>
<th>Reference #</th>
<th>Department</th>
<th>Course</th>
<th>Section</th>
<th>Credit</th>
<th>Meeting Day(s) and Time</th>
<th>Notes (OK, full, etc.)</th>
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</table>

Alternative courses

<table>
<thead>
<tr>
<th>Reference #</th>
<th>Department</th>
<th>Course</th>
<th>Section</th>
<th>Credit</th>
<th>Meeting Day(s) and Time</th>
<th>Notes (OK, full, etc.)</th>
</tr>
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</table>

Notes

Adviser Signature: ______________________________________  Date Approved: __________________________
ACCOUNTING

LEGAL ENVIRONMENT BUS ACCT 215 3 CREDITS
Prereq: Soph Classification
Note: Course restricted to sophomores and above
5277005 1A MTWRF 7:30-9:30
MEETS: May 18-June 12

FINANCIAL ACCOUNTING ACCT 284 3 CREDITS
Prereq: Course not open to first term freshmen
Note: Course not open to first term freshmen
1110005 1A MTWRF 9:50-11:50
MEETS: May 18-June 12

MANAGERIAL ACCOUNTING ACCT 285 3 CREDITS
Prereq: ACCT 284
Note: Course not open to graduate students
1112005 1A MTWRF 12:10-2:10
MEETS: June 15-July 10

THE ACCOUNTING CYCLE ACCT 301 1 CREDIT
Prereq: ACCT 285 OR ACCT 501 AND ACCT 301
1117005 A1 MTWRF 9:50-11:50
MEETS: May 18-June 12
Note: Section A1 restricted to ACC undergrad majors
1117010 A2 MTWRF 9:50-11:50
MEETS: May 18-June 12
Note: Section A2 restricted to bus s, bus u, busuc, fin, lscm, mnt, ms, mkt, osch, p bus, scm undergrad majors. Graduate students go to 1200 gerdin for permission to add. This course carries an additional cost of approximately $50 to access the required computer software program.
1078005 W arranged
MEETS: June 15-Aug 7

INTMD MANAGERL ACCT ACCT 383 3 CREDITS
Prereq: ACCT 285 OR ACCT 501 AND ACCT 301
1118005 A1 MTWRF 2:30-4:30
MEETS: June 15-July 10
Note: Section A1 restricted to acct majors only
1118010 A2 MTWRF 2:30-4:30
MEETS: June 15-July 10
Note: Sec A2 restricted to bus s, bus u, busuc, fin, lscm, mnt, ms, mkt, osch, scm majors

INDEPENDENT STUDY ACCT 490 1-3 CREDITS
Prereq: ACCT 285, Senior Classification, Permission of Instructor
Note: Course restricted to acct majors only
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 13-Aug 7

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

STRATEGIC PLAN ADPR R ADVT 301 3 CREDITS
Prereq: ADVT 210 OR P R 220; Sophomore Classification
4439005 1A MTWRF 1:20-2:20
MEETS: June 15-Aug 7
Note: Section 1A restricted to advt, jl nc, p r majors
4439010 1B MTWRF 1:20-2:20
MEETS: June 15-Aug 7
Note: Section 1B restricted to majors other than advr

AEROSPACE ENGINEERING

INDEPENDENT STUDY AER E 290C 1-2 CREDITS
Prereq: Sophomore classification, dept approval
Note: Course only offered for 2 credits summer 2015
****** SEE DEPT FOR REFERENCE NUMBERS

AEROSPACE ENGINEERING (CONTINUED)

COOPERATIVE EDUC AER E 298 R CREDIT
Prereq: Permission of department and engineering career services
Satisfactory-Fail only.
****** 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

COOPERATIVE EDUC AER E 398 R CREDIT
Prereq: 298, 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 STU PROPULSION AER E 490B 1-6 CREDITS
Prereq: JR/SR classification, department approval
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU AEROS STRUCT AER E 490C 1-6 CREDITS
Prereq: JR/SR classification, department approval
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU FLIGHT DYNAM AER E 490D 1-6 CREDITS
Prereq: JR/SR classification, department approval
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU SPACECRR SYS AER E 490E 1-6 CREDITS
Prereq: JR/SR classification, department approval
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU FLIGHT CONT SYS AER E 490F 1-6 CREDITS
Prereq: JR/SR classification, department approval
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU AEROELAST AER E 490G 1-6 CREDITS
Prereq: JR/SR classification, department approval
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS AER E 490H 1-6 CREDITS
Prereq: JR/SR classification, department approval
UNV honors program membership
Note: Course restricted to honors program students only
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY DESIGN AER E 490I 1-6 CREDITS
Prereq: JR/SR classification, department approval
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY AER E 490J 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 ENGNR AER E 490L 1-6 CREDITS
Prereq: JR/SR classification, department approval
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU AIRCRAFT DESIGN AER E 490M 1-6 CREDITS
Prereq: JR/SR classification, department approval
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY AER E 490N 1-6 CREDITS
Prereq: JR/SR classification, department approval
****** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC AER E 498 R CREDIT
Prereq: AER E 398, permission of department and engineering career services
Satisfactory-Fail only.
****** SEE DEPT FOR REFERENCE NUMBERS

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

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

SPL TOP SPACECRR 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
AEROSPACE ENGINEERING (CONTINUED)

SPL TOP VISCOUS AER  AER E 590H  1-5 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP COMP AEROHY  AER E 590K  1-5 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP OPTIMIZATN  AER E 590L  1-5 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP NONDESTR EV  AER E 590M  1-5 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP WIND ENGR  AER E 590N  1-5 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
CREATIVE COMPONENT  AER E 599  1-5 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP AER DYNAMCS  AER E 690A  1-5 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
ADV TOPC PROPULSION  AER E 690B  1-5 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP AEROS STRUC  AER E 690C  1-5 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP FLIGHT DYNA  AER E 690D  1-5 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP SPACER 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 AEROHY  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 ENGR  AER E 690M  1-5 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
ENGINEERG INTERNSHP  AER E 697  1 CREDIT
Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
Satisfactory-Fail Only.
8133005 ARRANGED
MEETS: MAY 18-AUG 7

AFRICAN AND AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST  AF AM 201  3 CREDITS
Note: Meets U.S. diversity reqmt.
Instructor permission required 1st week.
8300005 1 MTWRF 9:50-11:50
MEETS: MAY 18-JUNE 12

INDEPENDENT STUDY  AF AM 490  1-3 CREDITS
Prereq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR
AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM
Note: Instructor permission required.
8300005 ARRANGED
MEETS: MAY 18-AUG 7

AGRICULTURAL AND BIOSYSTEMS ENGINEERING

COOPERATIVE EDUC  A B E 298  1 CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******** SEE DEPT FOR REFERENCE NUMBERS
SUMMER INTERNSHIP  A B E 396  1 CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******** SEE DEPT FOR REFERENCE NUMBERS
COOPERATIVE EDUC  A B E 398  1 CREDIT
Prereq: A B E 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES,
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS
IND STU CPRTR-A DSGN  A B E 490C  1-4 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY HONORS  A B E 490H  1-4 CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
******** SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

IND STU POWER ENGR  A B E 490P  1-4 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
IND STU STRUCTURES  A B E 490Q  1-4 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
IND STU ENVIRAN RES  A B E 490S  1-4 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
COOPERATIVE EDUCATN  A B E 498  1 CREDIT
Prereq: A B E 398, PERMISSION OF THE DEPARTMENT AND ENGINEERING CAREER SERVICES.
******** SEE DEPT FOR REFERENCE NUMBERS
MASTER'S TECH COMM  A B E 598  1 CREDIT
Satisfactory-Fail Only.
8332005 ARRANGED
MEETS: MAY 18-AUG 7

CREATIVE COMPONENT  A B E 599  1-5 VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
RES ENVIRONMTL SYST  A B E 699V  1-5 VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
STRUCTURES RESEARCH  A B E 699W  1-5 VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
RESEARCH BIOSYS ENG  A B E 699X  1-5 VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
RES ENVIRON&MAT RES  A B E 699Y  1-5 VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
AGRICULTURAL EDUCATION & STUDIES

FIELD EXP H.S. AGRI  AGEDS 211A  1 CREDIT
Prereq: AGEDS 110
7586005 ARRANGED
MEETS: MAY 18-AUG 7

FIELD EXP AG INDUST  AGEDS 211C  1 CREDIT
Prereq: AGEDS 11D
7600005 ARRANGED
MEETS: MAY 18-AUG 7

SCI WITH PRACTICE  AGEDS 312  3 CREDITS
Prereq: MAJOR IN THE COLLEGE OF AG LS
8000005 1 ARRANGED
MEETS: JUNE 1-JULY 30

AG MECHAN APPLICATNS  AGEDS 338  3 CREDITS
6067005 1 MWF 8:00-11:50
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $200.00

INTERNSHIP IN AGEDS  AGEDS 412  2-6 CREDITS
Prereq: AGEDS 211, JR CLASSIF IN AGEDS,
INSTR PERMISSION
Note: Professional support fee $65.00
******** SEE DEPT FOR REFERENCE NUMBERS
FARM MGMT&OPERATION  AGEDS 450  3 CREDITS
Prereq: ECON 235, ECON 330, JUNIOR CLASSIFICATION
1386005 1 MWF 12:10-4:00
MEETS: MAY 18-JULY 10

ENTRIEVE MGT:HRVST  AGEDS 465B  3 CREDITS
Prereq: ECON 235, ECON 330, JUNIOR CLASSIFICATION
9905005 W 12:10-1:10
W 1:10-4:00
MEETS: MAY 18-AUG 7
AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

IND STU PHIL, CURRIC AGEDS 490A 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU LDRSHIP, EVAL AGEDS 490B 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
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: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU EXTEN, INT'L AGEDS 490D 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
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: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
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 COMMUNICAT AGEDS 490F 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT 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. PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
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 COMMUNICAT AGEDS 490I 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
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 ARRANGED MEETS: MAY 18-AUG 7

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

SPL TOPICS METHODS AGEDS 590B 1-3 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

SPL 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

WORKSHOP CURRICULUM AGEDS 593A 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
11317005 1 ARRANGED MEETS: MAY 18-AUG 7
Note: Materials fee $25.00
Tuition Category: Workshop
11317010 2 MTWF 8:00-5:00 MEETS: JULY 13-17
Note: SECTION 2 TOPIC: WELDING BOOT CAMP
Materials fee $25.00
Tuition Category: Workshop
11317015 3 ARRANGED MEETS: MAY 31-JUNE 29
Note: SECTION 3 TOPIC: WELDING WORKSHOP
Materials fee $25.00
Tuition Category: Workshop
11317020 4 MTWRF 8:00-5:00 MEETS: MAY 26-30, JUNE 1-3
Note: SECTION 4 OFFERED FOR 3 CREDITS. CASE AFNR INSTITUTE.
Materials fee $25.00
Tuition Category: Workshop
11317025 5 MTWRF 8:00-5:00 MEETS: JUNE 8-13 & 15-18
Note: SECTION 5 OFFERED FOR 3 CREDITS. CASE PLANT INSTITUTE.
Materials fee $25.00
11317030 6 MTWRF 8:00-5:00 MEETS: JUNE 8-13 & 15-18
Note: SECTION 6 OFFERED FOR 3 CREDITS. CASE ANIMAL INSTITUTE.
Materials fee $25.00
11317035 7 MTWRF 8:00-5:00 MEETS: JULY 6-10 & 13-16
Note: SECTION 7 OFFERED FOR 3 CREDITS. CASE AFNR INSTITUTE.
Materials fee $25.00
11317040 8 MTWRF 8:00-5:00 MEETS: JULY 6-10 & 13-16
Note: SECTION 8 OFFERED FOR 3 CREDITS. CASE ANIMAL AND PLANT BIOTECH.
Materials fee $25.00

METHODS WORKSHOP AGEDS 593B 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1318005 ARRANGED MEETS: MAY 18-AUG 7
Note: Materials fee $25.00
Tuition Category: Workshop

WKSHP BIOTECHNOLOGY AGEDS 593M 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2015
6536005 1 MTWRF 8:30-5:00 MEETS: JUNE 8-11
Note: SECTION 1: BEGINNING
Materials fee $25.00
Tuition Category: Workshop
6536010 2 MTWRF 8:30-5:00 MEETS: JUNE 22-25
Note: SECTION 2: ADVANCED
Materials fee $25.00
Tuition Category: Workshop

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

PRO INTERNSHIP AG ED AGEDS 617 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Professional support, field trips &/or travel fee $50.00
Satisfaction 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 ARRANGED MEETS: MAY 18-AUG 7

COOPERATIVE EDUCATN AGRON 398 R CREDIT
PreReq: PERMISSION OF DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
1411005 ARRANGED MEETS: MAY 18-AUG 7

INDEPENDENT STUDY AGRON 490G 1-3 CREDITS
PreReq: JUNIOR/SENIOR CLASSphants WITH AT LEAST 8 CR IN AGRON
INSTRUCTOR PERMISSION IN SPECIALTY AREA AFTER CONSULTATION
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

AGROECOLOGY FLD CRS AGRON 497 3 CREDITS
PreReq: 15 CREDITS IN AGRONOMY
8311005 ARRANGED MEETS: MAY 18-AUG 7
Note: Field trips & travel fee $200.00

COOPERATIVE EDUCATN AGRON 498 R CREDIT
PreReq: PERMISSION OF DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR, SENIOR CLASSIFICATION
1416005 ARRANGED MEETS: MAY 18-AUG 7

FIELD MTLD PL BRDG AGRON 521 1-2 CREDITS
PreReq: AGRON 521
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2015
Instructor permission required 1st week.
Satisfactory-Fail Only.
1448005 T 8:00-12:00 MEETS: MAY 18-AUG 7

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

CR COMP AG METEOROL AGRON 599A VAR. CREDITS
PreReq: NONTHESIS M.S. OPTION ONLY
1472005 ARRANGED MEETS: MAY 18-AUG 7

CR COMP CROP PROD PHY AGRON 599B VAR. CREDITS
PreReq: NONTHESIS M.S. OPTION ONLY
1473005 ARRANGED MEETS: MAY 18-AUG 7

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS
PreReq: NONTHESIS M.S. OPTION ONLY
1474005 ARRANGED MEETS: MAY 18-AUG 7

CRTV COMP SOIL CHEM AGRON 599D VAR. CREDITS
PreReq: NONTHESIS M.S. OPTION ONLY
1475005 ARRANGED MEETS: MAY 18-AUG 7

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS
PreReq: NONTHESIS M.S. OPTION ONLY
1476005 ARRANGED MEETS: MAY 18-AUG 7

CRTV COMP SOIL MGT AGRON 599F VAR. CREDITS
PreReq: NONTHESIS M.S. OPTION ONLY
1477005 ARRANGED CRUSE MEETS: MAY 18-AUG 7

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS
PreReq: NONTHESIS M.S. OPTION ONLY
1478005 ARRANGED MEETS: MAY 18-AUG 7

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS
PreReq: NONTHESIS M.S. OPTION ONLY
1479005 ARRANGED MEETS: MAY 18-AUG 7

AGRONOMY (CONTINUED)

CR COMP SOIL PHYSICS AGRON 599I VAR. CREDITS
PreReq: NONTHESIS M.S. OPTION ONLY
1480005 ARRANGED MEETS: MAY 18-AUG 7

AGRON TECHNICAL AGRON 698 1-2 CREDITS
PreReq: GRADUATE CLASSIFICATION IN AGRONOMY 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 PHYS 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

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

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

RESEARCH SOIL MORPHOL AGRON 699G VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SOIL PHYSICS AGRON 699H VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

AGRON TCHNG PRACT CM AGRON 699L VAR. CREDITS
PreReq: GRADUATE CLASSIFICATION IN AGRONOMY AND
PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

AGRON TCHNG PRACT CM AGRON 699M VAR. CREDITS
PreReq: GRADUATE CLASSIFICATION IN AGRONOMY AND
PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

AGRON TCHNG PRACT CM AGRON 699N VAR. CREDITS
PreReq: GRADUATE CLASSIFICATION IN AGRONOMY AND
PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

AMERICAN INDIAN STUDIES

INTR AM INDIAN STDI AM IN 210 3 CREDITS
Note: Meets U.S. diversity reqmt
1506005 1 MTWR 9:50-11:50 MEETS: JUNE 15-JULY 10

INDEPENDENT STUDY AM IN 490 VAR. CREDITS
PreReq: 6 CR IN AM IN STUDIES, INSTR PERMISSION
Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2015.
NO MORE THAN 9 CREDITS IN AM IN 490 MAY BE APPLIED
TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

AMERICAN SIGN LANGUAGE

AMER SIGN LANGUAGES I ASL 105 4 CREDITS
Note: Meets U.S. diversity reqmt
9364005 MTWF 8:40-11:40 MEETS: MAY 18-JUNE 12
Note: Materials and equipment use fee $25.00

AMER SIGN LANGUAGES II ASL 106 4 CREDITS
Note: Meets U.S. diversity reqmt
9367005 MTWF 8:40-11:40 MEETS: JUNE 15-JULY 10
Note: Materials and equipment use fee $25.00

ANIMAL ECOLOGY

ECOLOGY A ECL 312 4 CREDITS
PreReq: BIOL 211L AND BIOL 212L
1061005 A MTWR 9:50-11:50 MEETS: MAY 18-JULY 10
MN 12:10-3:00 MEETS: MAY 18-JULY 10
1061010 B MTWR 9:50-11:50 MEETS: MAY 18-JULY 10
MN 12:10-3:00 MEETS: MAY 18-JULY 10
1061015 C MTWR 9:50-11:50 MEETS: MAY 18-JULY 10
Note: Materials, field trips 4/or travel fee $75.00
ANIMAL ECOLGY (CONTINUED)

ECOLOGY  A ECL 312I  4 CREDITS
Note: Permission of Lakeside Lab Office required
http://www.continuelearn.uiowa.edu/lakesidelab
3713005  1 MTWR 8:00-5:00
MEETS: MAY 26-JUNE 19
Note: Tuition Category: Iowa Lakeside Lab

GRAD IND STDY IA LL  A ECL 590I  1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR & GRAD CLASSIF
Note: Permission of Lakeside Lab Office required
http://www.continuelearn.uiowa.edu/lakesidelab
3979005  1 ARRANGED
MEETS: MAY 26-JUNE 19
Note: Tuition Category: Iowa Lakeside Lab

CREATIVE COMPONENT  A ECL 599  VAR. CREDITS
Prereq: NONTHESIS M.S. OPT 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

WORKING WITH ANIMALS  AN S 101  2 CREDITS
1527005  1 TR 8:40-9:40
2 9:50-11:40
MEETS: JUNE 15-AUG 7
Note: Materials, field trips 4/or travel fee $125.00

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  ARRANGED
MEETS: JUNE 15-AUG 7
Note: Materials, and equipment use fee $175.00

ANIM SCI INTERNSHIP  AN S 399A  2- 6 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
1538005  ARRANGED
MEETS: MAY 18-AUG 7

SUPERV'D INTERNSHIP  AN S 399B  1 CREDIT
Prereq: PERMISSION OF INTERNSHIP COORDINATOR
2258005  ARRANGED
MEETS: MAY 18-AUG 7

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 STDY 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

IND 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 CAMPANION ANS  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

ANIMAL SCIENCE (CONTINUED)

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 INT'L TRAVEL CRS  AN S 496A  VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 10 COLLEGE CREDITS
Note: Meets international perspectives reqmt
1876800  10 TR ARRANGED
KILMER L
MEETS: MAY 9-22
Note: SEC FR TAUGHT IN FRANCE & ITALY. LIVESTOCK
PRODUCTION IN FRANCE & ITALY. STUDY ABROAD
SUMMER 2015. OFFERED FOR 3 CREDITS.
Study Abroad Administrative Fee Applies

TEACHING EXPREC 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
******* 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

SPLCL 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 590H  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 590M  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* 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: PERMISSION OF INSTRUCTOR
******* 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: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ANIMAL BREEDING RES  AN S 699A  VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

ANIMAL NUTR  RESEARCH  AN S 699B  VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
ANTHROPOLOGY

FIELD ARCHAEOLOGY ANTHR 427I 4 CREDITS
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3842005 MTWR 8:00-5:00
MEETS: JUNE 22-JULY 17
Note: Tuition Category: Iowa Lakeside Lab

INTERNERSHIP 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.
7718005 A ARRANGED
MEET: MAY 18-AUG 7

INTERNERSHIP CULTRL A ANTHR 434B 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR.
Satisfactory-Fail Only.
1031005 ARRANGED
MEETS: MAY 18-AUG 7

INTERNERSHIP 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.
Satisfactory-Fail Only.
1072005 ARRANGED
MEETS: MAY 18-AUG 7

INDEP STDY ARCHAEO ANTHR 490A 1-5 CREDITS
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 HONS 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

APPAREL, EVENTS & HOSPITALITY MGMT

SUPV WRK EXP I:HSPY AESHM 170D 1 CREDIT
Prereq: PERMISSION BY APPLICATION; 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.
1107005 ARRANGED
MEETS: MAY 18-AUG 7

SUPV WRK EXP I:EVNT AESHM 170F 1 CREDIT
Prereq: PERMISSION BY APPLICATION; 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.
1113005 ARRANGED
MEETS: MAY 18-AUG 7

SUPV WRK EXP I:APPAR AESHM 170N 1 CREDIT
Prereq: PERMISSION BY APPLICATION; 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.
1125005 ARRANGED
MEETS: MAY 18-AUG 7

SU WRK EXP I:DINING AESHM 170P 1 CREDIT
Prereq: PERMISSION BY APPLICATION; 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.
3039005 ARRANGED
MEETS: MAY 18-AUG 7

SUPERVISOR WRK EXPS AESHM 270D 1-2 CREDITS
Prereq: PERMISSION BY APPLICATION; SOPHMORE CLASSIFICATION; 6 CR IN AESHM OR HRI
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
1132005 ARRANGED
MEETS: MAY 18-AUG 7
SUP WRK EXP II: EVNT AESHM 270F 1–2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM, HRI, OR A M D
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
1203005 ARRANGED
MEETS: MAY 18–AUG 7

SUP WRK EXP II: APPAREL AESHM 270N 1–2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR A M D
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
1270005 ARRANGED
MEETS: MAY 18–AUG 7

SUP WRK EXP II: ISU AESHM 270P 1–2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR HRI
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
1282005 ARRANGED
MEETS: MAY 18–AUG 7

AESTHETICS CNSMR EXP C AESHM 342 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt
4609005 A ARRANGED
MEETS: MAY 18–JULY 10
Note: Course delivery is WWW

FIELD STUDY AESHM 380 1–3 CREDITS
Prereq: 9 CREDITS IN AESHM, EVENT, HRI, AND/OR A M D; SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA. PERMISSION BY APPLICATION
Note: Instructor permission required.
8774800 ZA ARRANGED
MEETS: MAY 12–27
Note: SEC. 2A TAUGHT IN SOUTH AFRICA; PRETORIA & A RURAL AREA FOR SERVICE LEARNING. TOPIC: DEPARTMENT OF APPAREL, EVENTS & HOSPITALITY MANAGEMENT’S SOUTH AFRICA SUMMER STUDY ABOARD PROGRAM. SUMMER 2015. OFFERED FOR 2 CREDITS
Field trips & travel fee $500.00-$1,500.00

INT’L FIELD TRIP AESHM 381 1–3 CREDITS
Prereq: 9 CREDITS IN AESHM, EVENT, HRI, AND/OR A M D; JUNIOR CLASSIFICATION; MINIMUM 2.0 GPA. PERMISSION BY APPLICATION
Note: Instructor permission required.
1270005 ZA ARRANGED
MEETS: MAY 18–JUNE 12
Note: TRAVEL DATES ARE MAY 10–17. FINAL PROJECT DUE JUNE 18
Field trips & travel fee $500.00-$1,500.00

INTERNSHIP HOSPITALITY AESHM 470B VAR. CREDITS
Prereq: AESHM 311, 9 CREDITS IN HRI, AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION. COURSE ONLY OFFERED FOR 3–6 CREDITS SUMMER 2015.
******** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP EVENT MGT AESHM 470F VAR. CREDITS
Prereq: AESHM 271, AESHM 311, EVENT 271, EVENT 371; AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION. COURSE ONLY OFFERED FOR 3–6 CREDITS SUMMER 2015.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HOSPITALITY AESHM 470A 1–3 CREDITS
Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
1509005 ARRANGED
MEETS: MAY 18–AUG 7

PRACTCM APPAR MCHDS AESHM 470B 1–3 CREDITS
Prereq: 6 GRAD CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
6660005 ARRANGED
MEETS: MAY 18–AUG 7

PRACTCM HOSPITALITY AESHM 470A 1–3 CREDITS
Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
******** SEE DEPT FOR REFERENCE NUMBERS

RSRCH METHODS AP/HSP AESHM 510 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN AN AESHM DEPT MAJOR
1494005 1 MTWF 8:00–9:00
ARRANGED
MEETS: JUNE 3–AUG 7
Note: MEETINGS ON CAMPUS JUNE 3–10 ONLY

PRACTCM APPAREL AESHM 670A 1–3 CREDITS
Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
6603005 A ARRANGED
MEETS: MAY 18–JUNE 26
Note: Course delivery is WWW

PRACTCM APPAREL AESHM 670B 1–3 CREDITS
Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
6622005 A ARRANGED
MEETS: JULY 13–AUG 7
Note: Course delivery is WWW

PRACTCM HOSPITALITY AESHM 670B 1–3 CREDITS
Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
******** SEE DEPT FOR REFERENCE NUMBERS

ASSISTANT PROFESSOR AESHM 670C 3 CREDITS
Prereq: T C 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
Note: Meets international perspectives reqmt
6622005 A ARRANGED
MEETS: JULY 13–AUG 7
Note: Course delivery is WWW

IND STU TXTLAP DSN AESHM 490C VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
Materials fee $30.00
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU AESTHETICS AESHM 490D VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU SOC4PSY T C AESHM 490F VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AESHM 490H 3 CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AESHM 490J VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AESHM 490K VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******** SEE DEPT FOR REFERENCE NUMBERS
APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

IND STU CULT ANALY A M D 490K VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR, AND DEPARTMENT CHAIR
Note: Instructor permission required.

Ind: SEE DEPT FOR REFERENCE NUMBERS

IND STY TECH DESGN A M D 4900 VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

Ind: SEE DEPT FOR REFERENCE NUMBERS

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

Ind: SEE DEPT FOR REFERENCE NUMBERS

FND SCHOLRSH IN T C A M D 510 3 CREDITS
Prereq: GRADUATE CLASSIFICATION

MEETS: JUNE 10-AUG 7

6649005  1 MTWRF 8:00-5:00

CONSUMR BEHAV&APPAR A M D 567 3 CREDITS
Prereq: T C 467 OR MXT 447; STAT 401

3255005  1 MTWRF 8:00-5:00

SPL TOPC TECH DESGN A M D 590O VAR. CREDITS

Ind: SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANDSNG A M D 590I VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

Ind: SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TEXTILE SCI A M D 590A VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

Ind: SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOC-PSY ASP A M D 590F VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

Ind: SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSMR BEHV A M D 590G VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

Ind: SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANTSNG A M D 590I VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

Ind: SEE DEPT FOR REFERENCE NUMBERS

SP TOP CULTUR ANALY A M D 590K VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

Ind: SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS MUSEUMS A M D 590M VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

Ind: SEE DEPT FOR REFERENCE NUMBERS

SP TOP PRODUCN MGT A M D 590N VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

Ind: SEE DEPT FOR REFERENCE NUMBERS

SP TOPC TECH DESGN A M D 590O VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

Ind: SEE DEPT FOR REFERENCE NUMBERS

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

5567021  1H ARRANGED
MEETS: MAY 18-AUG 7

DSGN THEORY&PROCES A M D 625 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

8165005  1 MTWRF 8:00-5:00

ADVANCED TOPICS A M D 690 VAR. CREDITS
Prereq: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSION OF INSTRUCTOR, AND APPROVAL OF D.O.G.E.

Ind: SEE DEPT FOR REFERENCE NUMBERS

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

RESEARCH A M D 699 VAR. CREDITS

Ind: SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURE

PRACTICAL EXPERIENCE ARCH 310 R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR

2544005  ARRANGED
MEETS: MAY 18-AUG 7

IND STY:DSN COMMN ARCH 490A 1-9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR ON REQ FORM

Ind: SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY:DESIGN ARCH 490B 1-9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR ON REQ FORM

Ind: SEE DEPT FOR REFERENCE NUMBERS

IND STU:BLDG SCI&TC ARCH 490C 1-9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR ON REQ FORM

Ind: SEE DEPT FOR REFERENCE NUMBERS

IND STUDY:ARCH HIST ARCH 490D 1-9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR ON REQ FORM

Ind: SEE DEPT FOR REFERENCE NUMBERS

IND STUDY:BEHAV STU ARCH 490E 1-9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR ON REQ FORM

Ind: SEE DEPT FOR REFERENCE NUMBERS

IND STY:PNCTPRACTICE ARCH 490F 1-9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR ON REQ FORM

Ind: 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

Ind: SEE DEPT FOR REFERENCE NUMBERS

ARCH DSIGN&MEDIA III ARCH 507 5 CREDITS
Prereq: ARCH 506, ARCH 542, ARCH 596 AND CONCURRENT ENROLLMENT IN ARCH 581

1300005  1 T 8:40-12:00

CONCURRENT ENROLLMENT IN ARCH 507

MEETS: MAY 18-JULY 10

STUDY ABROAD OPTIONS ARCH 576 1-12 CREDITS
Prereq: Meets international perspectives reqmt

8672800  CN ARRANGED
MEETS: MAY 12-25

Note: SEC CN TAUGHT IN CHINA. FIELD STUDIES IN CHINESE ARCHITECTURE. STUDY ABROAD SUMMER 2015 TAUGHT FOR 3 CREDITS

Study Abroad Administrative Fee Applies

1719005  1 MTW 8:40-12:00

CONCURRENT ENROLLMENT IN ARCH 581

MEETS: MAY 18-JULY 10

ARC DSIGN&MEDIA III ARCH 507 5 CREDITS
Prereq: ARCH 506, ARCH 542, ARCH 596 AND CONCURRENT ENROLLMENT IN ARCH 581

1300005  1 T 8:40-12:00

CONCURRENT ENROLLMENT IN ARCH 507

MEETS: MAY 18-JULY 10

8672800  DE ARRANGED
MEETS: MAY 12-JUNE 11

Note: SEC CN TAUGHT IN BERLIN, GERMANY. SUMMER ACADEMY BERLIN 2015. STUDY ABROAD SUMMER 2015. OFFERED FOR 4 CREDITS.

Study Abroad Administrative Fee Applies

SERVICE LEARNING ARCH 581 5 CREDITS
Prereq: ARCH 506, 542 AND ARCH 596

1719005  1 MTW 1:40-4:00

MEETS: MAY 18-JULY 10

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

Ind: 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.

Ind: SEE DEPT FOR REFERENCE NUMBERS

ART & DESIGN

STUDIO INTERNSHIP ART 497 1-6 CREDITS
Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR. WRITTEN APPROVAL OF SUPERVISING INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required.

Ind: SEE DEPT FOR REFERENCE NUMBERS
ART & DESIGN

MUSEUM/GLRARY INTERN ART 498 1-6 CREDITS
Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR, WRITTEN APPROVAL OF SUPERVISORY INSTR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Satisfactory-Fail Only.
7821005 JC ARRANGED
MEETS: MAY 18-AUG 7

GRAPHIC DSGN IN EUR ART 595G 3 CREDITS
Prereq: GRAD CLASSIF, 494 OR EQUIV, INSTR PERM
Note: COURSE RESTRICTED TO GRADUATE ART MAJORS
1910800 IT ARRANGED FONTAINE L
MEETS: MAY 11-JUNE 2
Note: SEC IT TAUGHT IN ITALY, SWITZERLAND, GERMANY, THE NETHERLANDS, FRANCE. TOPIC: GRAPHIC DESIGN IN EUROPE. STUDY ABROAD SUMMER 2015
Study Abroad Administrative Fee Applies

MUSEUM/GLRARY INTERN ART 598 1-6 CREDITS
Prereq: GRAD CLASSIFICATION 4 INSTRUCTOR PERM
WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: FOR GRADUATE ART MAJORS
Satisfactory-Fail Only.
9445005 JC ARRANGED
MEETS: MAY 18-AUG 7
Note: Department permission required.

STUDIO INTERNSHIP ART 697 VAR. CREDITS
Prereq: GRAD CLASSIF & APPROVAL OF POS COMMITTEE
Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2015.
FOR GRADUATE ART MAJORS ONLY.
Department permission required.
****** See Dept for Reference Numbers

THESIS RESEARCH ART 699A VAR. CREDITS
****** See Dept for Reference Numbers

THESIS RES--EXHIBIT ART 699B VAR. CREDITS
Satisfactory-Fail Only.
****** See Dept for Reference Numbers

ART HISTORY

AMERICAN ART TO 1965 ART H 386 3 CREDITS
1734005 ARRANGED
MEETS: MAY 18-JULY 10
Note: Course delivery is WWW

1734600 XW ARRANGED MORGAN E
MEETS: MAY 18-JULY 10
Note: Section XW is off campus
Course delivery is WWW

INDEPENDENT STUDY ART H 490 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM BEFORE THE SEMESTER OF ENROLLMENT
****** See Dept for Reference Numbers

INDEP STUDY HONORS ART H 490H 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM BEFORE THE SEMESTER OF ENROLLMENT
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS 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 SPECIALIZED AREA, WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT
****** See Dept for Reference Numbers

ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONOMY ASTRO 102 1 CREDIT
Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
8059005 ARRANGED
MEETS: JUNE 15-AUG 7
Note: Course delivery is WWW

EVENING STAR ASTRO 103 1 CREDIT
Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
8260005 ARRANGED
MEETS: JUNE 15-AUG 7
Note: Course delivery is WWW

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 8:40-9:40
R 8:40-9:40
MEETS: JUNE 15-AUG 7

ASTRONOMY & ASTROPHYSICS

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

CREATIVE COMPONENT ASTRO 599 VAR. CREDITS
****** See Dept for Reference Numbers

RESEARCH ASTRO 699 VAR. CREDITS
****** See Dept for Reference Numbers

ATHLETIC TRAINING

BASIC ATHLETIC TRAIN A TR 220 2 CREDITS
Prereq: BIOL 135 OR BIOL 255 AND BIOL 256
Note: Instructor permission required 1st week.
5729005 1 MTWF 9:50-11:50
MEETS: MAY 18-JUNE 12
Note: Materials fee $50.00

ATHL TRAIN COMPETNC A TR 489 1 CREDIT
Prereq: PERMISSION OF ATHLETIC TRAIN PROG DIRECTOR,
SENIOR CLASSIFICATION
Satisfactory-Fail Only.
3220005 1 MTWF 9:50-11:50
MEETS: JUNE 15-AUG 7

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 REQUIREMNTS
FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE
1999905 MTWF 8:40-9:40
MEETS: MAY 18-JULY 10

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: MEMBER OF 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 OF 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
****** See Dept for Reference Numbers

BIOINFORMATICS & COMPUTATIONAL BIOL-UG

INDEPENDENT STUDY BCBIO 490 1-5 CREDITS
Prereq: BCBIO 211, 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
Department permission required.
****** See Dept for Reference Numbers

INDEPENDENT STUDY BCBIO 590 1-5 CREDITS
Prereq: BCBIO 211, 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
Department permission required.
****** See Dept for Reference Numbers

INDEPENDENT STUDY BCBIO 690 1-5 CREDITS
Prereq: BCBIO 211, 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
Department permission required.
****** See Dept for Reference Numbers

INDEPENDENT STUDY BCBIO 790 1-5 CREDITS
Prereq: BCBIO 211, 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
Department permission required.
****** See Dept for Reference Numbers

INDEPENDENT STUDY BCBIO 890 1-5 CREDITS
Prereq: BCBIO 211, 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
Department permission required.
****** See Dept for Reference Numbers

INDEPENDENT STUDY BCBIO 990 1-5 CREDITS
Prereq: BCBIO 211, 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
Department permission required.
****** 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

SPECIAL TOPICS  BCB 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
1337005  ARRANGED
MEETS: MAY 18-AUG 7

COOPERATIVE EDUCATN  BCB 598 R CREDIT
Prereq: PERMISSION OF THE PROGRAM CHAIR
1828005  ARRANGED
MEETS: MAY 18-AUG 7

GRAD RESEARCH ROTAT  BCB 697 VAR. CREDITS
7827005  ARRANGED
MEETS: MAY 18-AUG 7

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

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

INDEPENDENT STUDY  BMI 490  1-3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR & ADVISORY COMM CHAIR ON YOU’D FORM IN ADVANCE OF SEMESTER OF ENROLLMT ****** SEE DEPT FOR REFERENCE NUMBERS

ILLUSTRATION INTERN  BMI 497  1-6 CREDITS
Prereq: JR OR SR CLASSIFICATION IN BMI I. WRITTEN APPROVAL OF SUPERVISING INSTR & ADVISORY COMM CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT Satisfactory-Fail Only. ****** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

INTRODUCTORY BIOL  BIOL 101  3 CREDITS
Note: CREDIT IN BIOL 101 MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
2064005  A 12:10-2:20
MEETS: JUNE 15-JULY 10

PRIN OF BIOLOGY I  BIOL 211  3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY
9468005  A 12:10-11:50
MEETS: JULY 13-AUG 7
Section info: http://www.elo.iastate.edu/biology-courses-information/

FUND HUMAN ANATOMY  BIOL 255  3 CREDITS
Note: CREDIT IN BIOL 255 MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
7205005  A ARRANGED
MEETS: MAY 18-AUG 7
Note: Course delivery is WWW

FUND HUMAN ANAT LAB  BIOL 255L  1 CREDIT
Note: CREDIT IN BIOL 255L MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
6342005  1 TR 9:00-12:00
6342010  2 TR 12:10-3:10
MEETS: MAY 18-JULY 10

ECOLOGY  BIOL 312  4 CREDITS
Prereq: BIOL 211L AND BIOL 212L
2069005  A MTHR 9:50-11:05
2069010  B MTHR 9:50-11:05
MEETS: MAY 18-JULY 10
Note: Materials, field trips &/or travel fee $75.00
2069015  C MTHR 9:50-11:05
MEETS: MAY 18-JULY 10
Note: Materials, field trips &/or travel fee $75.00

PRINCIP OF GENETICS  BIOL 313  3 CREDITS
Prereq: BIOL 211, BIOL 212
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOI 313/301 AND 313L/301L, GEN/AGRON 320
9472005  1 MTHR 8:45-10:40
MEETS: MAY 18-JULY 10

BIOMEDICAL SCIENCES

INDEPENDENT STUDY  B MS 490  1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR ****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  B MS 490H  1-5 CREDITS
Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
Note: Course restricted to vet med college honors program students ****** SEE DEPT FOR REFERENCE NUMBERS

RES MTHD BIOMED SCI  B MS 501  3 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A B M S FACULTY MEMBER
6978005  ARRANGED
MEETS: MAY 18-AUG 7

SPCL TOPC ANATOMY  B MS 590A  1-7 CREDITS
Prereq: PERMISSION OF INSTRUCTOR ****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PHYSIOLOGY  B MS 590B  1-7 CREDITS
Prereq: PERMISSION OF INSTRUCTOR ****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PHARMACOL  B MS 590C  1-7 CREDITS
Prereq: PERMISSION OF INSTRUCTOR ****** SEE DEPT FOR REFERENCE NUMBERS
BIOMEDICAL SCIENCES (CONTINUED)

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  ARRANGED
MEETS: MAY 18-JULY 10

RESEARCH ANATOMY  B M S 699A  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

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

BIORENEWABLE CHEMICALS
SPL TOP K-12  SCI ED  BR C 590K  2 CREDITS
9764005  1 ARRANGED
MEETS: JULY 6-24

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

BIORENEWABLES LAB  BRT 592L  1 CREDIT
9779005  T 8:00-10:50
MEETS: MAY 18-AUG 7

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

BUSINESS ADMINISTRATION
CAREERS&EMPLOY PREP  BUSAD 203X  1 CREDIT
Prereq: BUSAD 101 OR BUSAD 102
8860005  A TR 2:30-3:30
MEETS: MAY 18-JULY 10

INTRO TO BUSINESS  BUSAD 250  3 CREDITS
Prereq: COM S 11X
8807005  A1 MTWR 12:10-2:10
MEETS: MAY 18-JUNE 12
Note: SECTION A1 RESTRICTED TO BUSINESS COLLEGE UNDERGRADS ONLY
8807010  A2 MTWR 12:10-2:10
MEETS: MAY 18-JUNE 12
Note: SECTIONS 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
Satisfactory-Fail Only.
6147005  ARRANGED
MEETS: MAY 18-AUG 7
Note: Permission of coordinator required.

BUSINESS ADMINISTRATION (CONTINUED)

IND STY ENTREPRENR  BUSAD 490E  1- 3 CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015
Instructor permission required.
3635005  ARRANGED
MEETS: MAY 18-AUG 7

INDEPENDENT STUDY  BUSAD 490G  1- 3 CREDITS
Note: Instructor permission required.
3634005  ARRANGED
MEETS: MAY 18-AUG 7

INDEP STUDY HONORS  BUSAD 490H  1- 3 CREDITS
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Instructor permission required.
*******  SEE DEPT FOR REFERENCE NUMBERS

EXP DOMESTC INTERN  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 SUPERVISOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.
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.
Satisfactory-Fail Only.
*******  SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN  BUSAD 598  R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
Satisfactory-Fail Only.
7906005  ARRANGED
MEETS: MAY 18-AUG 7

CREATIV COMP ACCNTG  BUSAD 599A  3 CREDITS
Prereq: GRADUATE STANDING; PERMISSION OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
*******  SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP FINANC  BUSAD 599C  3 CREDITS
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
*******  SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP MANAGMT  BUSAD 599E  3 CREDITS
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
*******  SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP MARKTN  BUSAD 599F  3 CREDITS
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
*******  SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP MGT INF SY  BUSAD 599K  3 CREDITS
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
*******  SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMPON SCM  BUSAD 599L  3 CREDITS
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  BUSAD 690  3- 6 CREDITS
Prereq: GRADUATE STANDING
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
*******  SEE DEPT FOR REFERENCE NUMBERS
CHEMICAL ENGINEERING

COOPERATIVE EDUC CH E 298 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

CHEMICAL ENG LAB I CH E 325 2 CREDITS
Prereq: CH E 357, CREDIT OR ENROLLMENT IN CH E 356
Note: Instructor permission required 1st week.
5699005 A MTWR 9:00-12:00
MTR 1:00-5:00
MEETS: MAY 18-JUNE 12
Note: Materials fee $65.00

SUMMER INTERNSHIP CH E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT EACH TIME TAKEN

COOPERATIVE EDUC CH E 398 R CREDIT
Prereq: CH E 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

CHEMICAL ENG LAB II CH E 426 2 CREDITS
Prereq: CH E 325 and CH E 398, CREDIT OR ENROLLMENT IN CH E 399
Note: Credit for either CH E 425 or CH E 427, but not both, may be applied toward graduation.
2448005 A MTWR 9:00-12:00
MTR 1:00-5:00
MEETS: MAY 18-JUNE 12
Note: Materials fee $70.00

UG RESCHR/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 toward graduation as technical electives

INDEPENDENT STUDY HONORS CH E 490H 1-6 CREDITS
Prereq: MEMBERSHIP IN THE HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY

COOPERATIVE EDUCAT CH E 498 R CREDIT
Prereq: CH E 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

INDEPENDENT STUDY CH E 590 2-6 CREDITS
Prereq: PERMISSION FOR DEPARTMENT NUMBERS

SP TOP ADV CNLT THY CH E 595B 2-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015
2472005 ARRANGED
MEETS: MAY 18-AUG 7

CREATIVE COMPONENT CH E 599 VAR. CREDITS
Prereq: PERMISSION FOR DEPARTMENT NUMBERS

INDEPENDENT STUDY CH E 692 2-6 CREDITS
Prereq: PERMISSION FOR DEPARTMENT NUMBERS

ENGINEER INTERNSHIP CH E 697 R CREDIT
Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF
2116005 ARRANGED
MEETS: MAY 18-AUG 7

RESEARCH CH E 699 VAR. CREDITS
Prereq: PERMISSION FOR DEPARTMENT NUMBERS

CHEMISTRY

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY AND EITHER CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR ENROLLMENT IN 163L
Note: MUST BE ACCOMPANYED BY CHEM 163L UNLESS STUDENT ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION:
CHEM 163L CHEM 167L CHEM 177L CHEM 177M CHEM 201L

2490005 1 MTWR 8:40-11:40
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu/chem163l
Syllabus: http://avogadro.chem.iastate.edu/chem163l
/syllabus.html

2490010 2 MW 8:40-11:40
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu/chem163l
Syllabus: http://avogadro.chem.iastate.edu/chem163l
/syllabus.html

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR 1 YR H.S. CHEM. 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 A1 MTWR 9:50-10:50
TR 11:00-12:00
MEETS: MAY 18-JULY 10
Section info: http://avogadro.chem.iastate.edu/chem177l
Syllabus: http://avogadro.chem.iastate.edu/chem177l
/syllabus.html

2495010 A2 MTWR 9:50-10:50
TR 11:00-12:00
MEETS: MAY 18-JULY 10
Section info: http://avogadro.chem.iastate.edu/chem177l
Syllabus: http://avogadro.chem.iastate.edu/chem177l
/syllabus.html

2495015 A3 MTWR 9:50-10:50
TR 11:00-12:00
MEETS: MAY 18-JULY 10
Section info: http://avogadro.chem.iastate.edu/chem177l
Syllabus: http://avogadro.chem.iastate.edu/chem177l
/syllabus.html

2495020 A4 MTWR 9:50-10:50
TR 11:00-12:00
MEETS: MAY 18-JULY 10
Section info: http://avogadro.chem.iastate.edu/chem177l
Syllabus: http://avogadro.chem.iastate.edu/chem177l
/syllabus.html

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN 177
Note: CHEM 177L MUST BE ACCOMPANYED BY CHEM 177 UNLESS STUDENT ALREADY HAS CREDIT IN 177L. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LAB) MAY BE APPLIED TOWARD GRADUATION:
CHEM 163L CHEM 167L CHEM 177L CHEM 177M CHEM 201L

2496005 1 M 8:40-12:00
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu/chem177l
Syllabus: http://avogadro.chem.iastate.edu/chem177l
/syllabus.html

2496010 2 M 8:40-12:00
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu/chem177l
Syllabus: http://avogadro.chem.iastate.edu/chem177l
/syllabus.html

2496015 3 TR 12:10-3:10
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu/chem177l
Syllabus: http://avogadro.chem.iastate.edu/chem177l
/syllabus.html

2496020 4 TR 12:10-3:10
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu/chem177l
Syllabus: http://avogadro.chem.iastate.edu/chem177l
/syllabus.html

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 18-JULY 10
Section info: http://avogadro.chem.iastate.edu/chem178
Syllabus: http://avogadro.chem.iastate.edu/chem178
/syllabus.html
CHEMISTRY

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
2499010 2 MTR 11:00-12:00 PM
MEETS: MAY 18-JULY 10
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html

2499015 3 MTR 11:00-12:00 PM
MEETS: MAY 18-JULY 10
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html

LAB GENERAL CHEM II CHEM 178L 1 CREDIT
2500005 1 TR 12:10-3:10 PM
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html

2500010 2 TR 12:10-3:10 PM
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html

2500015 3 TR 12:10-3:10 PM
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
2504005 4 MTRW 8:40-9:40 AM
MEETS: MAY 18-JULY 10
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
2499010 2 MTR 11:00-12:00 PM
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $90.00
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html

FRESH&SOPH RESEARCH CHEM 299 VAR. CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
******** SEE DEPT FOR REFERENCE NUMBERS

ORGANIC CHEMISTRY I CHEM 331 3 CREDITS
2516005 8:40-9:40 AM
MEETS: MAY 18-JULY 10
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html
CHEMISTRY (CONTINUED)

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

CIVIL ENGINEERING

COORDINATE EDUC C E 298 R CREDIT
Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

PRINC ENVIRONMT ENGR C E 326 3 CREDITS
Prereq: CHEM 177 OR MATH 166, CREDIT OR ENROLLMENT IN E M 378
2284005 1 MW 2:30:4-10
TW 2:30:4-10
MEETS: JUNE 15-AUG 7

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 18-JULY 10

STRUCT STEEL DSGN I C E 333 3 CREDITS
Prereq: 332, E M 327
2286005 1 MW 9:50-12:00
MWF 9:50-12:00
MEETS: MAY 18-JULY 10

REIN CONCRETE DSGN 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 18-JULY 10

SPECIAL TOPICS C E 590 1-5 CREDITS
Prereq: E M 324 OR C E 306, AND PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015
2186005 1 9:00-12:00
MEETS: MAY 18-JULY 10

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

CLASSICAL STUDIES

STUDY ABROAD GREECE CL ST 395 2-6 CREDITS
Prereq: 394
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
Meets international perspectives reqmt
5120800 GR ARRANGED MDOOL M
MEETS: MAY 30-JULY 20
Note: SEC GR TAUGHT IN GREECE; KAVOGLI, PACHEA AMMOS
CJREE, GREECE. THE ARCHAEOLOGY OF GREECE. STUDY
ABROAD SUMMER 2015
Study Abroad Administrative Fee Applies

COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CREDITS
7918005 MTWRF 2:30:4:30
MEETS: MAY 18-JUNE 12

INTRO INTERPRS COMM COMST 102 3 CREDITS
8105005 1 MTWRF 9:00-11:50
MEETS: MAY 18-JUNE 5

INTRO COM RSCH NDG COMST 203 3 CREDITS
5123005 1 MTWRF 2:30-4:30
MEETS: MAY 18-JUNE 12

COMMUNITY & REGIONAL PLANNING

PRACTICUM C R P 330 1-3 CREDITS
Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
Satisfactory-Fail Only.
2386005 ARRANGED MEETS: MAY 18-AUG 7
COMMUNITY & REGIONAL PLANNING (CONTINUED)

STUDY ABROAD OPTIONS C R P 335X 3 CREDITS
9791800 AT ARRANGED
MEETS: MAY 18–JUNE 8
Note: SEC AT TAUGHT IN VIENNA, AUSTRIA; LJUBLJANA, SLOVENIA; VENICE, ITALY. INTERNATIONAL GIG WORKSHOP SUMMER 2015 Study Abroad Administrative Fee Applies

PRO WORK EXPERIENCE C R P 410 R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
2710005 ARRANGED
MEETS: MAY 18–AUG 7
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
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 ARRANGED
MEETS: MAY 18–AUG 7

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 DSNG 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. Field trips & travel fee $25.00-$700.00
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC HOUS SUB 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 TOPC ENVIR 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 TOPC INT'L PLAN 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 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 DIVRSSEQ 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

COMMUNITY LEADERSHIP AND PUBLIC SERVICE

LDRSHIP DIVERSE SOCI CL PS 322 3 CREDITS
Note: Meets U.S. diversity reqmt
4949800 SE ARRANGED BEATY C
MEETS: MAY 11–JUNE 8
Note: SEC SE TAUGHT IN STOCKHOLM, SWEDEN. GLOBAL LEADERSHIP ST AB: SWEDEN. STUDY ABROAD SUMMER 2015. Study Abroad Administrative Fee Applies

WOMEN & LEADERSHIP CL PS 333 3 CREDITS
Note: Meets U.S. diversity reqmt
4980800 SE ARRANGED WINFREY K
MEETS: MAY 11–JUNE 8
Note: SEC SE TAUGHT IN STOCKHOLM, SWEDEN. GLOBAL LEADERSHIP ST AB: SWEDEN. STUDY ABROAD SUMMER 2015. Study Abroad Administrative Fee Applies

COMPUTER ENGINEERING

DIG LOGG,PROCRSP,R I CDR E 281 4 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
7321005 A MTWF 9:50–10:50 TR 9:10–10:10
MEETS: MAY 18–JULY 10
7321010 B MTWF 9:50–10:50 TR 9:10–10:10
MEETS: MAY 18–JULY 10

EMBEDDE SYS I:INTRO CDR E 288 4 CREDITS
Prereq: CDR E 281, COM S 207 OR 227 OR E E 285
3364005 A MTWF 8:40–9:40 TR 12:10–2:10
MEETS: MAY 18–JULY 10
3364010 B MTWF 8:40–9:40 MW 12:10–2:10
MEETS: MAY 18–JULY 10

COORDERATE EDUCATN CDR E 298 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP CDR E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

COORDERATE EDUCATN CDR E 398 R CREDIT
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

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

HONORS INDEP STUDY CDR 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

COORDERATE EDUCATN CDR E 498 R CREDIT
Prereq: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS CDR E 590 1–6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

COMPUTER APPLICATIONS COM S 103 4 CREDITS
2674005 A ARRANGED
MEETS: MAY 18-JULY 10
Note: Course delivery is WWW

INTRO PRDRSH&DATABASES COM S 113X 3 CREDITS
7761005
MEETS: MAY 18-JULY 10

FUND CPTR PROGRAMMG COM S 207 3 CREDITS
Prereq: MATH 150 OR PLACEMENT INTO MATH 140/MATH 141/MATH 142/MATH 145X OR HIGHER
9235005 A MTWRF 11:00-12:00
TR 11:00-2:00
MEETS: MAY 18-JULY 10

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
MM 2:30-3:30
MEETS: MAY 18-JULY 10

INDEPENDENT STUDY COM S 290 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
2680005 ARRANGED
MEETS: MAY 18-JULY 10

DNS&ANALYSIS ALGRTH COM S 311 3 CREDITS
Prereq: 228 WITH C- OR BETTER, MATH 166, ENGL 250, AND COM S 330 OR CPA E 310
2683005 A MTWRF 1:20-2:20
TR 11:00-12:00
MEETS: MAY 18-JULY 10

COOPERATIVE EDUCAT COM E 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
Note: Instructor permission required.
2691005 ARRANGED
MEETS: MAY 18-JULY 10

INDEPENDENT STUDY COM S 490 VAR. CREDITS
Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR NO: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION Instructor permission required 1st week.
Satisfactory-Fail Only.

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

GRADUATE INTERNSHIP COM S 598 R CREDIT
Prereq: GRADUATE CLASSIFICATION
5627005 ARRANGED
MEETS: MAY 18-AUG 7

CREATIVE COMPONENT COM S 599 1- 3 CREDITS
Satisfactory-Fail Only.

SEMINAR COM S 610 VAR. CREDITS
Satisfactory-Fail Only.

COMPUTER ENGINEERING

ENGINEERING INTERNSHIP CPR E 697 R CREDIT
Satisfactory-Fail Only.
7420005 ARRANGED
MEETS: MAY 18-AUG 7
Note: Department permission required.

RESEARCH CPR E 699 VAR. CREDITS
Satisfactory-Fail Only.

RESEARCH COM S 699 VAR. CREDITS
Prereq: APPROVAL OF INSTRUCTOR
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.

CONSTRUCTION ENGINEERING

COOPERATIVE EDUCAT CON E 298 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

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

COOPERATIVE EDUCAT CON E 398 R CREDIT
Prereq: 298, PERMISSION OF DEPT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

INDEPENDENT STUDY CON E 490 1- 5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

CRIMINAL JUSTICE STUDIES

PHILOSOPHY OF LAW CJ ST 332 3 CREDITS
Prereq: PHIL 201 OR 230
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE CLASSIFICATION, ADMISSION TO TEACHER EDUC PROGRAM
2578005 A MTWRF 8:40-10:40
MEETS: MAY 18-JUNE 12

CRIM & JUV JUST PRAC CJ ST 460 3-12 CREDITS
Prereq: OR SR CLASSIFICATION; PERMISSION OF CJ ST COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST MINOR
Note: NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE (SOC 454 & SOC/CJ ST 460) MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SOC/CJ ST 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
Satisfactory-Fail Only.
2581003 A ARRANGED
MEETS: MAY 18-AUG 7

CURRICULUM & INSTRUCTION

PK-6 CLSWM TECNLGI CI 201 3 CREDITS
3015005 MWF 8:40-10:15
TR 8:40-11:00, AND MEETS: JUNE 22-JULY 21
Note: Materials and equipment use fee $25.00

RDGL&LANG ARTS K-3RD CI 377 4 CREDITS
Prereq: CI 245, SP ED 240, HD PS 240, HD PS 240, EL ED MAJORS) OR 221 (EC EDUC MAJORS); CONCURRENT ENRL IN 448, 468A, 468C (EL ED) OR 438, 468F, 468G, SP ED 368, HS PS 343 (ECE), ADMISSION TO TEACHER ED PROGRAM
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. TAKE CONCURRENTLY WITH 484A, 484B, 486C.
2066005 1 MTWR 8:00-11:40
MEETS: MAY 11-JUNE 4
2066010 2 MTWR 8:00-11:40
MEETS: MAY 11-JUNE 4

RDGL&LANG ARTS 4TH-6 CI 378 4 CREDITS
Prereq: 377; CONCURRENT ENRLMTN IN 448, 468B, 468D
Note: TAKE CONCURRENTLY WITH 468A, 368, 468B.
RESTRICTED TO EL ED 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 11-JUNE 4
2078010 2 MTWR 8:00-11:40
MEETS: MAY 11-JUNE 4

INTRO MLTCULTRL FND CI 406 3 CREDITS
Prereq: 201 OR 202, 332 OR 333, JUNIOR CLASSIFICATION, ADMISSION TO TEACHER EDUC PROGRAM
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Meet U.S. diversity reqmt.
6292005 1 MTWR 2:30-5:00
MEETS: JUNE 1-25

44
PRIN DISTANCE LEARN C I 407 3 CREDITS
Prereq: 201 or 202; CONVENIENT ACCESS TO THE WEB
4037005 1 ARRANGED MEETS: MAY 11-JUNE 12
Note: ONE MEETING AT CAMPUS - DATE AND TIME TO BE ANN.

PRINCIPLES SECNDY ED C I 426 3 CREDITS
Prereq: 202, SR CLASSIFICATION, ADMISSION TO TEACHER EDUCATION PROGRAM
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Department permission required 1st week.
6293005 1 MTWRF 12:00-2:15 MEETS: MAY 18-JUNE 12

TCHG OF SOC STUDIES C I 443 3 CREDITS
Prereq: 377
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
Department permission required 1st week.
3258005 1 MTWRF 9:00-11:30 MEETS: JULY 6-30

TCHG CHILDREN MATH C I 448 3 CREDITS
Prereq: MATH 195, 196, CONCURRENT ENROLLMENT IN C I 377, 468A, 468C.
Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.
MUST BE TAKEN CONCURRENTLY WITH 468C, 377, 468A.
Department permission required 1st week.
3260005 1 MTWRF 12:30-3:00 MEETS: MAY 11-JUNE 5
3260010 2 MTWRF 12:30-3:00 MEETS: MAY 11-JUNE 5

TEACHING OF SCIENCE C I 449 3 CREDITS
Prereq: 377, CONCURRENT ENROLLMENT IN 378, 468A, 468B, JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.
MUST BE TAKEN CONCURRENTLY WITH 468D, 378, 468B.
Department permission required 1st week.
3261005 1 MTWRF 12:30-3:00 MEETS: MAY 11-JUNE 5
3261010 2 MTWRF 12:30-3:00 MEETS: MAY 11-JUNE 5

CORRECTIVE READING C I 452 3 CREDITS
Prereq: 378 OR EQUIV; UNDERGRAD STUDENTS MUST REGISTER CONCURRENTLY FOR SP ED 365, 436; GRADUATE STUDENTS MUST HAVE A TEACHING LICENSE
6584005 1 MTWRF 9:00-10:15
MTWRF 12:00-2:00
ARRANGED
MEETS: JUNE 1-30
Note: THE 9:10-10:15 A.M. TUTORING WILL BE JUNE 8-24 ONLY.
ARRANGED REPRESENTS ONLINE WORK.

EMERG TOPC DGTL TEC C I 454 1-3 CREDITS
Prereq: 201 OR 202
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2015
9436005 1 ARRANGED MEETS: JUNE 8-19

RDNGLANGUACH TCHNOL C I 456 3 CREDITS
Prereq: 201 OR 202, 377
Note: Department permission required 1st week.
3257005 1 MTWRF 8:00-12:00 MEETS: JUNE 1-22
3257010 2 MTWRF 2:30-6:30PM MEETS: JUNE 8-19

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 EDUCATION PROGRAM. TAKE CONCURRENTLY WITH 378, 449, 468D.
Department permission required 1st week.
Satisfactory-Fail Only.
3265005 1 MTWRF 8:00-1:30 MEETS: JUNE 5-JULY 10
Note: DOES NOT INCLUDE TRAVEL TIME - MUST ALLOW ADDITIONAL TIME FOR TRAVEL TO SCHOOL SITE.
Professional support, field trips 4/5 travel fee $75.00

EXP II:RDG&LANG 4-6 C I 468B 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. TAKE CONCURRENTLY WITH 378, 449, 468D.
Department permission required 1st week.
Satisfactory-Fail Only.
3266005 1 MTWRF 7:30-12:30 MEETS: MAY 18-JUNE 12
Note: Professional support, field trips 4/5 travel fee $75.00

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 449, 378, 468B.
Department permission required 1st week.
Satisfactory-Fail Only.
32678005 1 MTWRF 7:30-12:30 MEETS: JUNE 5-JULY 10
Note: Professional support, field trips 4/5 travel fee $75.00

EXPRAICE 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. MUST BE TAKEN CONCURRENTLY WITH 449, 378, 468B.
Department permission required 1st week.
Satisfactory-Fail Only.
32680005 1 MTWRF 7:30-12:30 MEETS: JUNE 5-JULY 10
Note: DOES NOT INCLUDE TRAVEL TIME - MUST ALLOW ADDITIONAL TIME FOR TRAVEL TO SITE.
Professional support, field trips 4/5 travel fee $75.00

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 ARRANGED
ARRANGED
MEETS: JUNE 8-30
Note: Materials and equipment use fee $25.00
9461020 2 MTWRF 8:15 -10:45
ARRANGED
MEETS: JUNE 8-JUNE 9
Note: Materials and equipment use fee $25.00

INDEP STDY MUSIC ED C I 490A 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: Instructor permission required 1st week.

INDEP STDY PRIN EDUC C I 490D 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: 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
Note: 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
Note: SEE DEPT FOR REFERENCE NUMBERS

IND STU DIGITL LNG C I 490G 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: SEE DEPT FOR REFERENCE NUMBERS

IND STU PRIN EDUC C I 490H 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: SEE DEPT FOR REFERENCE NUMBERS

IND STU PRIN EDUC C I 490I 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: SEE DEPT FOR REFERENCE NUMBERS

IND STU PRIN EDUC C I 490J 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: SEE DEPT FOR REFERENCE NUMBERS

IND STU PRIN EDUC C I 490K 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: SEE DEPT FOR REFERENCE NUMBERS

IND STU PRIN EDUC C I 490L 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: SEE DEPT FOR REFERENCE NUMBERS

IND STU PRIN EDUC C I 490M 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: SEE DEPT FOR REFERENCE NUMBERS

IND STU PRIN EDUC C I 490N 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: SEE DEPT FOR REFERENCE NUMBERS

IND STU PRIN EDUC C I 490O 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: SEE DEPT FOR REFERENCE NUMBERS
CURRICULUM & INSTRUCTION (CONTINUED)

IND STDY FOUND EDUC C I 4900 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
**SEE DEPT FOR REFERENCE NUMBERS

TCHNOL IN TEAC&LAN C I 505 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
2796005 1 MTWRF 8:30-10:10
MEETS: MAY 26-JUNE 19

INTRO SCIENCE TEACH C I 514 2 CREDITS
Prereq: ADMISSION TO MA.T. PROGRAM
8372005 1 M 5:30-8:30PM
ARRANGED
MEETS: MAY 11-27
Note: THE ONLY TUESDAY MEETING IS MAY 26

PRIN SECONDARY EDUC C I 526 3 CREDITS
Prereq: 6 CREDITS IN EDUCATION
7724005 1 MTWRF 12:00-2:15
MEETS: MAY 18-JUNE 12

ED PSY&SCIENC CLSRM C I 529 3 CREDITS
Prereq: BACHELOR'S DEGREE, ADMISSION INTO A GRADUATE-LEVEL TEACHER LICENSURE PROGRAM
8674005 1 MTWRF 8:40-10:40
MEETS: JUNE 1-26

ADV PEDAG SCIENC ED C I 546 3 CREDITS
Prereq: BACHELOR'S DEGREE
3527005 1 MTWRF 2:00-5:00
MEETS: MAY 11-29

RESTRUCT SCIENC ACTV C I 548 3 CREDITS
Prereq: ADMISSION TO TEACHER EDUCATION OR TEACHING LICENSE
8417000 1 MTWRF 10:50-1:50
MEETS: MAY 11-29

FOUND RDNG&LANG ART C I 551 3 CREDITS
Prereq: Teaching License
Note: Course is for C I, EDUC, EL PS MAJORS ONLY
3282005 1 ARRANGED
MEETS: JUNE 22-JULY 10
Note: Instructor permission required. Course delivery is WWW

CORRECTIVE READING C I 552 3 CREDITS
Prereq: C I 378 OR EQUIV; UNDERGRAD STUDENTS MUST REGISTER CONCURRENTLY FOR SP ED 365, SP ED 436; GRADUATE STUDENTS MUST HAVE A TEACHING LICENSE
3276005 1 MTWRF 12:00-2:00
ARRANGED
MTWR 9:00-10:15
MEETS: JUNE 1-30
Note: THE ARRANGED TIME REPRESENTS ONE HOUR PER DAY WWW

TCH STRUGL ADOL RDR C I 553 3 CREDITS
Prereq: TEACHING LICENSE
7267005 1 MTWRF 2:00-5:00
MEETS: JUNE 1-25

LITRACY, LDRSHIP,ADV C I 555 3 CREDITS
Prereq: GRADUATE STANDING
9148005 1 ARRANGED
MEETS: JUNE 1-19
Note: Course delivery is WWW

TCHNOL IN READ&LANG C I 556 3 CREDITS
Prereq: Teaching License
1285005 1 MTWRF 8:00-12:00
MEETS: MAY 11-30
1285010 2 MTWRF 2:30-6:30PM
MEETS: JUNE 8-19

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
9245005 1 MTWRF 8:00-11:00
MTWR 9:00-10:15
ARRANGED
MEETS: JUNE 1-30
Note: THE 9-10:10 EXPERIENCE MEETS ONLY JUNE 8-24 Materials and equipment use fee $25.00

SP TOP CURRICULUM C I 590A 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS

SP TOP DIGITAL LNRG 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

CURRICULUM & INSTRUCTION (CONTINUED)

SPL TOPICS SEC EDUC C I 590D 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS

SP TOP MULTICULT ED C I 590F 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MATH EDUC C I 590G 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS

SPL 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

SPL TOPICS ELEM EDUC WKRSHOP C I 593C 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
2812005 1 MTWRF 8:30-5:00
MEETS: JUNE 8-11
Note: SECTION 1 OFFERED FOR 1-2 CREDITS.
TOPIC: BIOTECHNOLOGY WORKSHOP I.
Tuition Category: Workshop

2812010 2 MTWRF 8:30-5:00
MEETS: JUNE 22-25
Note: SECTION 2 OFFERED FOR 1-2 CREDITS.
TOPIC: BIOTECHNOLOGY WORKSHOP II.

2812015 3 MTWRF 9:00-5:30
MEETS: JUNE 22-25
Note: SECTION 3 OFFERED FOR 2 CREDITS. TOPIC: TEACHER BIOETHICS WORKSHOP.

CRTV COMP CURRIBCUL C I 599A 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS

CR COMP DIGITL LANG C I 599B 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS

CR COMP SCIENCE ED C I 599C 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS

CR 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 COMP SECONDR ED C I 599H 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS

CR 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 SP TOP CURRIC C I 690A VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP DigtL LNR C I 690B VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP SCI ED C I 690C VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP SEC ED C I 690D VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
**SEE DEPT FOR REFERENCE NUMBERS
CURRICULUM & INSTRUCTION (CONTINUED)

ADV SPL TOP MLTICUL 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 WRDL LANG C I 690J VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
ADV SPL TP 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
RSRCH SCIENCE EDUC C I 699C VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RSRCH SECNDRY EDUC C I 699D VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RES MULTICULTURAL ED C I 699F VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH MATH EDUC C I 699G VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH ELEM EDUC C I 699H 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
RSRCH EDUC PSYCHOL C I 699K VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RSRCH LITERACY ED C I 699M VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
DANCE
INDEPENDENT STUDY DANCE 490 1-3 CREDITS
Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
INDEPENDENT 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 MW 12:10-3:30 MEETS: MAY 18-JULY 10
DESIGN FORUM DES 250 2 CREDITS
Prereq: DSN S 102, DSN S 131, DSN S 183,
CREDIT OR CONCURRENT ENROLLMENT IN DES 230
4960005 MW 9:50-11:30 MEETS: MAY 18-JULY 10
DESIGN STUDIO II DES 340 2 CREDITS
Prereq: 4 CREDITS OF DES 240
6434005 TR 1:20-4:40 MEETS: MAY 18-JULY 10

DESIGN STUDIES
PRACTICAL EXPERIENCE DSN S 310 R CREDIT
Prereq: PERMISSION OF ADVISER OR COORDINATOR
OF DESIGN STUDIES
5669005 ARRANGED
MEETS: MAY 18-AUG 7
TOPICAL ST GRAPHICS DSN S 478G 2-3 CREDITS
Prereq: L A 202 OR SENIOR OR GRADUATE
CLASSIFICATION
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015
8284005 ARRANGED
MEETS: MAY 18-JULY 10
Note: TOPIC: PORTFOLIO DESIGN
Course delivery is WWW
INDEP STDY CMNICALC DSN S 490C 1-4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REG'D FORM PRIOR TO SEMESTER OF ENROLLMENT
******* SEE DEPT FOR REFERENCE NUMBERS
INDEP STDY DESIGN DSN S 490D 1-4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REG'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 REG'D FORM PRIOR TO SEMESTER OF ENROLLMENT
******* SEE DEPT FOR REFERENCE NUMBERS
INDEP STDY SOC/BEHV DSN S 490F 1-4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REG'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 2015
2878005 1 MTWRF 1:20-5:20 MEETS: MAY 18-JULY 10
Note: SECTION 1 TOPIC: GHOST LANDS
SPECIAL TOPICS DSN S 590 1-4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMENT
******* 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
RESEARCH EEB 699 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
ECOLOGY, EVOLUTION & ORGANISIMAL 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 1-4 CREDITS
2145005 ARRANGED
MEETS: MAY 18-AUG 7
RESEARCH EEOB 699 VAR. CREDITS
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS
ECONOMICS
PRIN MICROECONOMICS ECON 101 3 CREDITS
3100051 1 MTWRF 11:00-12:00
MEETS: MAY 18-JULY 10
Section info: http://www.econ.iastate.eduprograms/course/defaultcourseinfo.asp
3100102 2 MTWRF 11:00-12:00
MEETS: JUNE 15-AUG 7
Section info: http://www.econ.iastate.eduprograms/course/defaultcourseinfo.asp
ECONOMICS (CONTINUED)

PRIN MACROECONOMICS ECON 102 3 CREDITS
Prereq: ECON 101 RECOMMENDED
3099005 1 MTWRF 8:40-9:40
MEETS: MAY 18-JULY 10
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 18-AUG 7

INTERMED MICROECON ECON 301 3-4 CREDITS
Prereq: ECON 101; ECON 207 OR MATH 166
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015
3101005 1 MTWRF 9:50-10:50
MEETS: JUNE 15-AUG 7
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 ARRANGED
MEETS: MAY 18-AUG 7

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 3 CREDITS OF ECON 490 TOWARD GRADUATION.
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 1-3 CREDITS
Prereq: 6 GRADUATE CREDITS IN CHOSEN FIELD
Satisfactory-Fail Only.
8649005 ARRANGED
MEETS: MAY 18-AUG 7

RESEARCH ECON 699 VAR. CREDITS

***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

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

***** SEE DEPT FOR REFERENCE NUMBERS

Dissertation Research EADM 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

ELECTRIC CIRCUITS E E 201 4 CREDITS
Prereq: CR OR REGISTRATION IN MATH 267 AND PHYS 222
Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
2120005 1 MTWRF 1:20-2:20
MEETS: MAY 18-JULY 10
Note: Materials Fee $60.00

ELECTRON CIRCTS&SYS E E 230 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 222
4639005 1 MTWRF 11:00-12:00
MEETS: MAY 18-JULY 10
Note: Materials Fee $10.00
4639010 2 MTWRF 11:00-12:00
TTh 8:00-11:00
MEETS: MAY 18-JULY 10
Note: Materials Fee $50.00

COOPERATIVE EDUC E E 298 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

****** SEE DEPT FOR REFERENCE NUMBERS

ELECTROM FLD&WAVES E E 311 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 222, CREDIT OR REGISTRATION IN MATH 267
2889005 MTWRF 10:10-11:30
MEETS: MAY 18-JULY 10

SUMMER INTERNSHIP E E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

****** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC E E 398 R CREDIT
Prereq: E E 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

****** SEE DEPT FOR REFERENCE NUMBERS

SURV REMOTE SNS TEC E E 489X 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING
6632800 GB ARRANGED
MEETS: MAY 18-JUNES
Note: SEC GB TAUGHT IN UK: UNIVERSITY OF SURREY; GUILDFORD SURREY. SURREY SATELLITE IMAGING OF THE EARTH. STUDY ABROAD SUMMER 2015
Study Abroad Administrative Fee Applies

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

COOPERATIVE EDUC E E 498 R CREDIT
Prereq: E E 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

****** SEE DEPT FOR REFERENCE NUMBERS

SURV REMOTE SNS TEC E E 589X 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING
9843800 GB ARRANGED
MEETS: MAY 18-JUNE 6
Note: SEC GB TAUGHT IN UK: UNIVERSITY OF SURREY; GUILDFORD SURREY. SURREY SATELLITE IMAGING OF THE EARTH. STUDY ABROAD SUMMER 2015
Study Abroad Administrative Fee Applies

SPL TOP ELECTRC MAG THY E E 590A 1-6 CREDITS

****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONTROL SYS E E 590B 1-6 CREDITS

****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN SYS E E 590C 1-6 CREDITS

****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1-6 CREDITS

****** SEE DEPT FOR REFERENCE NUMBERS

Note: Instructor permission required 1st week.

MEETS: MAY 18-JULY 10

MEETS: MAY 18-AUG 7

MEETS: MAY 18-10

MEETS: MAY 18-JUNE 6
ELECTRICAL ENGINEERING (CONTINUED)

SPL TOP ELEC MATRIS E E 590G 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SP ELEDEVICCSR E E 590H 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIGNL PROCES E E 590I 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

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

ENGINEERING INTERNSHIP E E 697 R CREDIT
Satisfactory-Fail Only.
5716005 ARRANGED
MEETS: MAY 18-AUG 7
Note: Department permission required.

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

ENGINEERING

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

PROFSSNL INTERNSHIP ENGR 397 R CREDIT
Prereq: PERMISSION OF ADVISER AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING MECHANICS

STATICS OF ENGINEER E M 274 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 166; CREDIT OR ENROLLMENT IN PHYS 111 OR PHYS 221
3004005 1 MTWRF 8:40-9:40
MEETS: MAY 18-JULY 10

MECHAN OF MATERIALS E M 324 3 CREDITS
Prereq: E M 274
3007005 1 MTWRF 9:50-10:50
MEETS: MAY 18-JULY 10

MECH OF MATERIALS LAB E M 327 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN E M 324
3008005 1 TR 11:00-1:00
MEETS: MAY 18-JULY 10
3008010 2 TR 8:40-10:40
MEETS: JUNE 23-AUG 6
Note: SECTION 2 RESTRICTED TO C E MAJORS NEW TO ISU SUMMER 2015
3008015 3 TR 2:30-4:30
MEETS: JUNE 23-AUG 6
Note: SECTION 3 RESTRICTED TO C E MAJORS NEW TO ISU SUMMER 2015

DYNAMICS E M 345 3 CREDITS
Prereq: E M 274, CR OR ENROLLMENT IN MATH 266 OR MATH 267
3010005 1 MTWRF 11:00-12:00
Note: SECTION 1 RESTRICTED TO ENGR COLLEGE MAJORS ONLY

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 NDIA 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

ENGINEERING MECHANICS (CONTINUED)

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

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

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

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

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

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

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

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

ENGINEERING INTERNSHIP E M 697 R CREDIT
Prereq: PERMISSION OF DOCE, GRAD CLASSIFICATION
Satisfactory-Fail Only.
8134005 ARRANGED
MEETS: MAY 18-AUG 7

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

ENGLISH

INTENSIVE ENGLISH ENGL 10 0 CREDITS
Prereq: RECOMMENDATION OF THE ENGLISH DEPT
Note: PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES CENTER
Department permission required.
******** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CREDITS
Note: Department permission required.
******** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CREDITS
Note: Department permission required.
******** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10D 0 CREDITS
Note: Department permission required.
******** SEE DEPT FOR REFERENCE NUMBERS

CRITCL THINK&MUNIC ENGL 150 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN LIB 160
Note: EACH SECTION WILL MEET TWO DAYS IN A COMPUTER LAB
3298005 A MNF 8:40-9:40
TR 8:40-9:40
MEETS: JUNE 15-AUG 7
3298015 B MNF 9:50-10:50
TR 9:50-10:50
MEETS: JUNE 15-AUG 7
3298025 C MNF 11:00-12:00
TR 11:00-12:00
MEETS: JUNE 15-AUG 7
3298030 D MNF 9:50-10:50
TR 9:50-10:50
MEETS: MAY 18-JULY 10

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 MTR 9:50-10:50
WF 9:50-10:50
MEETS: MAY 18-JULY 10
3299010 B MTR 9:50-10:50
WF 9:50-10:50
MEETS: JUNE 15-AUG 7
3299015 C MTR 11:00-12:00
WF 11:00-12:00
MEETS: JUNE 15-AUG 7
3299020 D MTR 8:40-9:40
WF 8:40-9:40
MEETS: JUNE 15-AUG 7
3299030 E MWF 10-11
MEETS: JUNE 15-AUG 7

31ST SS 2015
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<th>Course Code</th>
<th>Course Title</th>
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<th>Prerequisites/Notes</th>
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<td>CREATIVE WRITING</td>
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<td>ENGL 309</td>
<td>REPTPROPOSAL WRITING</td>
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<td>Prereq: ENGL 250, JUNIOR CLASSIFICATION</td>
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<td>TECHNICAL COMMUNCTN</td>
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<td>Prereq: ENGL 250, JUNIOR CLASSIFICATION</td>
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<td>VAR.</td>
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<tr>
<td>ENGL 487</td>
<td>INTERNSHIP BUSINESS PROFESSION</td>
<td>1-3</td>
<td>Prereq: JUNIOR CLASSIFICATION; PERMISSION OF COORDINATOR;</td>
</tr>
<tr>
<td>ENGL 490</td>
<td>INDEPENDENT STUDY</td>
<td>VAR.</td>
<td>CREDITS</td>
</tr>
</tbody>
</table>

**Note:** Some courses have additional requirements or restrictions. Please consult the course description for details.
Linguistic and Technology

Prerequisite: ENGL/LING 510, ENGL/LING 626, or equivalent;

Practice Tec & LING 626 (3 credits)

Section info: http://www.ent.iastate.edu/dept/courses/

Note: No more than 6 credits of 490 may be used toward

Graduate degree.

Ind. Studies

Prerequisite: Approval of the Environmental Studies Coordinator

Satisfactory-Fail Only.

Apprenticeship

Prerequisite: Approval of the Environmental Studies Coordinator

Satisfactory-Fail Only.

Economy

Prerequisite: Permission of Lakeside Lab Office required

Note: No more than 6 credits of 490 may be used toward the

Graduate degree.

Ind. Studies/Work

Prerequisite: 15 credits in biological sciences, junior or senior classification; for students registering to

be undergraduate laboratory assistants.

Note: Permission of coordinator required.

Entomology

Prerequisite: 15 credits in biological sciences

Satisfactory-Fail Only.

Entomology

Prerequisite: Approval of the Environmental Studies Coordinator

Satisfactory-Fail Only.

Apprenticeship

Prerequisite: Approval of the Environmental Studies Coordinator

Satisfactory-Fail Only.

English

Prerequisite: 15 credits in biological sciences
ENVIRONMENTAL SCIENCE (CONTINUED)

FLD METHD HYDROGEO ENSCI 409 3 CREDITS
Prereq: GEOL 402 OR ENSCI 402 OR GEOL 411 OR GEOL 412
Note: Permission of Lakeside Lab Office required
3081005 MTWRF 8:00-5:00
MEETS: MAY 11-22
Note: Equipment use and field trips & travel fee $300.00

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

AQUATIC ECOLOGY ENSCI 581I 4 CREDITS
Prereq: COURSES IN ECOLOGY, CHEMISTRY AND PHYSICS
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
5043005 MTWRF 8:00-5:00
MEETS: MAY 26-JUNE 19
Note: Tuition Category: Iowa Lakeside Lab

FLD METHD HYDROGEO ENSCI 509 3 CREDITS
Prereq: GEOL 402 OR ENSCI 402 OR GEOL 411 OR ENSCI 411 OR C E 473
3095005 MTWRF 8:00-5:00
MEETS: MAY 11-22
Note: Equipment use and field trips & travel fee $300.00

SPECIAL TOPICS ENSCI 590 VAR. CREDITS
Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL SCIENCE FACULTY
****** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENSCI 599 VAR. CREDITS
Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL SCIENCE FACULTY
****** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL STUDIES

ENVIRN POLIT&POLICI ENV S 383 3 CREDITS
Prereq: SOPHMORE CLASSIFICATION
7581010 A MTWRF 8:40-10:00
MEETS: MAY 18-JUNE 26

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

INDEP STDY CONFRNC EVENT 490B VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

FAMILY&CONSUMER SCIENCES ED&STUDIES

INDEP STUDY HONORS FCEDS 490H VAR. CREDITS
Prereq: DEPARTMENTAL APPROVAL, HONORS FRC MEMB
****** SEE DEPT FOR REFERENCE NUMBERS

SUPV EXPNRC COMMUNC FCEDS 491A 3-8 CREDITS
Prereq: HD FS 449, 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
Satisfactory-Fail Only.
2261005 ARRANGED
MEETS: MAY 18-AUG 7

SUPV EXPNRC PRO STU FCEDS 491B 3-8 CREDITS
Prereq: HD FS 449, 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
Satisfactory-Fail Only.
2272005 ARRANGED
MEETS: MAY 18-AUG 7

SHT CRSE OCCUPA ED FCEDS 500F 1-3 CREDITS
Prereq: 6 CREDITS IN FCS OR EDUCATION
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015
4007005 1 MTWRF 8:00-5:00
ARRANGED
MEETS: JULY 13-17
Note: SECTION I TOPIC: HOUSING

FAMILY&CONSUMER SCIENCES ED&STUDIES (CONTINUED)

SHRT CRSE TEXTL SLCT FCEDS 500K 1-3 CREDITS
Prereq: 6 CREDITS IN FCS OR EDUCATION
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015
2723050 MTWRF 8:00-5:00
MEETS: JULY 6-10
Note: TOPIC: TEXTILES

BIOTECH WORKSHOP I FCEDS 593B 1-2 CREDITS
Prereq: 6 CREDITS IN FCS OR EDUCATION
9868005 MTWRF 8:30-5:00
MEETS: JUNE 8-11
Note: Tuition Category: Workshop

BIOTECH WORKSHOP II FCEDS 593D 1-2 CREDITS
Prereq: 6 CREDITS IN FCS OR EDUCATION
9869005 MTWRF 8:30-5:00
MEETS: JUNE 22-25
Note: Tuition Category: Workshop

FINANCE

PRINCIPAL OF FINANCE FIN 301 3 CREDITS
Prereq: ACCT 284, ECON 101, STAT 226
Note: COURSE NOT OPEN TO P BUS MAJORS
3689005 A1 MTWRF 12:10-2:10
MEETS: MAY 18-JUNE 12
Note: SECTION A2 FOR MAJORS OTHER THAN ACCT, AG B, AN S, BUS S, BUS U, BUSEC, DY S, FIN, I BUS, I R, LOMIS, LSCM, MGMT, MIS, MGT, OSCM, P BUS, SCI, SCM
3689010 B1 MTWRF 9:50-11:50
MEETS: JULY 13-AUG 7
Note: SECTION B1 FOR MAJORS OTHER THAN ACCT, AG B, AN S, BUS S, BUS U, BUSEC, DY S, FIN, I BUS, I R, LOMIS, LSCM, MGMT, MIS, MGT, OSCM, SCM UNDERGRAD MAJORS. CONCURRENT ENROLLMENT OR PRIOR CREDIT IN SCM 301 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370 AND MGT 340.
3689020 B2 MTWRF 9:50-11:50
MEETS: JULY 13-AUG 7
Note: SECTION B2 FOR MAJORS OTHER THAN ACCT, AG B, AN S, BUS S, BUS U, BUSEC, DY S, FIN, I BUS, I R, LOMIS, LSCM, MGMT, MIS, MGT, OSCM, P BUS, SCI, SCM

CORPORATE FINANCE FIN 310 3 CREDITS
Prereq: FIN 301
Note: COURSE NOT OPEN TO P BUS MAJORS
3691005 A1 MTWRF 2:30-4:30
MEETS: MAY 18-JUNE 12
Note: SECTION A2 FOR MAJORS OTHER THAN ACCT, AG B, AN S, BUS S, BUS U, BUSEC, DY S, FIN, I BUS, I R, LOMIS, LSCM, MGMT, MIS, MGT, OSCM, SCM UNDERGRAD MAJORS ONLY
3691010 A2 MTWRF 2:30-4:30
MEETS: MAY 18-JUNE 12
Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, LSCM, MGMT, MIS, MGT, OSCM, SCM UNDERGRAD MAJORS ONLY

INVESTMENTS FIN 320 3 CREDITS
Prereq: FIN 301
Note: COURSE NOT OPEN TO P BUS MAJORS
3692005 A1 MTWRF 7:30-9:30
MEETS: JUNE 15-JULY 10
Note: SECTION A1 RESTRICTED TO FIN MAJORS ONLY
3692010 A2 MTWRF 7:30-9:30
MEETS: JUNE 15-JULY 10
Note: SECTION A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, LSCM, MGMT, MIS, MGT, OSCM, SCM UNDERGRAD MAJORS

FINAN MRTS&INSTITUT FIN 330 3 CREDITS
Prereq: FIN 301
Note: COURSE RESTRICTED TO FIN MAJORS ONLY
6829005 A MTWRF 12:10-2:10
MEETS: MAY 18-JUNE 12

REAL ESTATE PRINCIP FIN 371 3 CREDITS
Prereq: ECON 101
Note: COURSE NOT OPEN TO P BUS MAJORS
3690005 A1 MTWRF 9:50-11:50
MEETS: JUNE 15-JULY 10
Note: SECTION A1 RESTRICTED TO FIN MAJORS ONLY
3690010 A2 MTWRF 9:50-11:50
MEETS: JUNE 15-JULY 10
Note: SECTION A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, LSCM, MGMT, MIS, MGT, OSCM, SCM UNDERGRAD MAJORS

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
FOOD SCIENCE & HUMAN NUTRITION

FOOD & THE CONSUMER
FS HN 101 3 CREDITS
Pre req: High School Biology and Chemistry or CREDITS EACH OF BIOLOGY AND CHEMISTRY
3659005 1 ARRANGED
MEETS: MAY 18-JULY 10
Note: Course delivery is WWW

INTRO HUMAN NUTRITION
FS HN 167 3 CREDITS
Pre req: High School Biology OR 3 CR of Biology
3600005 1 MTWF 9:50-10:50
MEETS: JUNE 15-AUG 7
Note: Course delivery is WWW

MED TERMINOL FOR PRO
FS HN 367 1 CREDIT
9487005 1 ARRANGED
MEETS: MAY 18-AUG 7
Note: Course delivery is WWW

FOOD LAWS&REGL PROC
FS HN 403 2 CREDITS
Pre req: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT 200 LEVEL OR ABOVE
3679005 1 ARRANGED
MEETS: MAY 18-JULY 10
Note: Course delivery is WWW

FOOD INGRED INTERAC
FS HN 411 2 CREDITS
Pre req: FS HN 214 OR FS HN 311 AND FS HN 115,
FS HN 215 OR FS HN 311,
3613005 1 TR 9:50-10:50
TR 1:20-4:20
MEETS: MAY 18-JULY 10
Note: Materials and equipment use fee $65.00

IND STUDY DIETETICS
FS HN 490A 1-6 CREDITS
Pre req: Permission of instructor
Note: No more than 6 CREDITS of 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU FOOD SCI
FS HN 490B 1-6 CREDITS
Pre req: 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
Pre req: 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)

RESEARCH FOOD SCI/TECHS 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 CLASS, INSTRUCTOR PERMISSION
********** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB ECOSY S MGT FOR 290B 1-4 CREDITS
Prereq: FROSH OR SOPH CLASS, INSTRUCTOR PERMISSION
********** SEE DEPT FOR REFERENCE NUMBERS

SPL PRB BSCS FOR 290C 1-4 CREDITS
Prereq: FROSH OR SOPH CLASS, INSTRUCTOR PERMISSION
********** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB WOOD SCIEN FOR 290E 1-4 CREDITS
Prereq: FROSH OR SOPH CLASS, INSTRUCTOR PERMISSION
********** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOLOGY 599A 1-12 CREDITS
Note: Instructor permission required 1st week.
********** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMTRY 599B 1-12 CREDITS
Note: Instructor permission required 1st week.
********** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FO&REC ECON 599C 1-12 CREDITS
Note: Instructor permission required 1st week.
********** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGT&ADMIN 599D 1-12 CREDITS
Note: Instructor permission required 1st week.
********** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR WOOD SCIEN 599E 1-12 CREDITS
Note: Instructor permission required 1st week.
********** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR WOOD SCIEN 599F 1-12 CREDITS
Note: Instructor permission required 1st week.
********** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

INDEPENDENT STUDY FRNC 490 1-6 CREDITS
Prereq: PERMISSION OF FRENCH STAFF AND DEPT CHAIR
Note: NO MORE THAN 9 CREDITS IN FRNC 490 MAY BE
APPLIED TOWARD GRADUATION. Permission of department chair required.
********** SEE DEPT FOR REFERENCE NUMBERS

GENETICS

PRINCIP OF GENETICS GEN 313 3 CREDITS
Prereq: BIOL 211 & BIOL 212L, CREDIT OR
ENROLLMENT IN ORGANIC CHEMISTRY
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: GEN 260, GEN/Biol 313/301
AND 313L/301L, GEN/AGRON 320
9559005 3 MTRWF 8:40-9:40 MEETS: MAY 18-JULY 10

ATTEND/CRTIQ SEMMR GEN 490S 1 CREDIT
Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
OF INSTRUCTOR
Note: AG COLLEGE STUDENTS MAY APPLY NO MORE THAN
6 CREDITS OF GEN 490 TOWARDS A TOTAL OF 12 CREDITS
REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARDS
GRADUATION. Satisfactory-Fail Only.
********** SEE DEPT FOR REFERENCE NUMBERS

GENETICS (CONTINUED)

LAB TCHG EXPERIENCE GEN 490U 1-2 CREDITS
Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
OF INSTRUCTOR
Note: AG COLLEGE STUDENTS MAY APPLY NO MORE THAN
6 CREDITS OF GEN 490 TOWARDS A TOTAL OF 12 CREDITS
REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARDS
GRADUATION. Satisfactory-Fail Only.
********** SEE DEPT FOR REFERENCE NUMBERS

GENETICS RESEARCH GEN 499 1-5 CREDITS
Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
OF INSTRUCTOR
********** SEE DEPT FOR REFERENCE NUMBERS

GENET RESEARCH HONORS GEN 499H 1-5 CREDITS
Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
OF INSTRUCTOR. MEMBERSHIP IN UNIVERSITY HONORS
PROGRAM.
********** 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 ARRANGED MEETS: MAY 18-AUG 7

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 2015
********** SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH IA LL GDCB 699I 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3967005 1 ARRANGED MEETS: MAY 26-JUNE 19
Note: Tuition Category: Iowa Lakeside Lab
3967010 2 ARRANGED MEETS: JUNE 22-JULY 17
Note: Tuition Category: Iowa Lakeside Lab

GEOLOGY

INDEPENDENT STUDY GEOL 290 2-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
********** SEE DEPT FOR REFERENCE NUMBERS

SUMMER FIELD STUDY GEOL 302 6 CREDITS
SPECIAL TOPICS (CONTINUED)
3881005 1 ARRANGED MEETS: MAY 24-JULY 3
Note: SPECIAL COURSE FEE OF $1,950 IS CHARGED IN
ADDITION TO TUITION AND FEES TO COVER ROOM, BOARD,
AND TRANSPORTATION.
Equipment use and field trips & travel fee $1,950.00
Tuition Category: Camp fee

FLD METH DGROSCAP GEOL 409 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
SCIENCES OR ENGINEERING
6476800 GB ARRANGED MEETS: MAY 18-JUNE 5
Note: SBC GB TAUGHT IN UK: UNIVERSITY OF
SURREY; GUILDFORD SURREY. SURREY SATELLITE
Program.

INTF IN�EженіЕЫ GEOL 490 1-4 CREDITS
Prereq: 6 CR IN GEOLOGY & PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE
APPLIED TOWARD GRADUATION.
********** SEE DEPT FOR REFERENCE NUMBERS


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**GEOLGY**

**FLD METHD HYDROGEO** GEOL 509 3 CREDITS
Prereq: GEOL 402 OR ENSCI 402 OR GEOL 411 OR ENSCI 411 OR ENSCI 417
MEETS: MAY 11-22
Note: Equipment use and field trips & travel fee $300.00

**SURV REMOTE SNS TEC** GEOL 589X 3 CREDITS
Prereq: COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING

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

**SPCL TOP PALEONTOLOG** GEOL 590D 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

**SPCL TOPS TECTONICS** GEOL 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

**SPCL TOPS TECTONICS** GEOL 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

**SPCL TOPS TECTONICS** GEOL 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

**SPCL TOP MINERAL RESORC** GEOL 590J 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

**SPCL TOPS TECTONICS** GEOL 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

**SPCL TOPS TECTONICS** GEOL 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

**SPCL TOPS TECTONICS** GEOL 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

**SPCL TOPS TECTONICS** GEOL 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

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Prereq: PERMISSION OF INSTRUCTOR

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Prereq: PERMISSION OF INSTRUCTOR

**SPCL TOPS TECTONICS** GEOL 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

**SPCL TOPS TECTONICS** GEOL 590M 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

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**GERONTOLY**

**GERONTL PREPRAC SEM** GERON 466 1 CREDIT
Prereq: 9 CR IN CORE COURSES FOR THE GERON MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR

**GERONTOL PRACTICUM** GERON 467 3-6 CREDITS
Prereq: GERON 466, ADVANCE RESERVATION Satisfactory-Fail Only.

**GERONTOLY**

**APPRENTICESHIP** GLOBE 221 R CREDIT
Satisfactory-Fail Only.

**GLOBAL RESOURCE SYSTEMS**

**APPRENTICESHIP** GLOBE 221 R CREDIT
Satisfactory-Fail Only.

**INTERNSHIP - GLOBAL** GLOBE 321 3-6 CREDITS
Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR;
INSTRUCTOR PERMISSION; 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

**INTERNSHIP - U.S.** GLOBE 322 3-6 CREDITS
Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR;
INSTRUCTOR PERMISSION; 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
GLOBAL RESOURCE SYSTEMS (CONTINUED)

SENIOR PROJECT GLOBE 401 3 CREDITS
Prereq: SENIOR CLASSIFICATION IN GLOBE
6799005 ARRANGED MEETS: MAY 18-AUG 7

SENIOR PROJ HONORS GLOBE 401H 3 CREDITS
8914005 ARRANGED MEETS: MAY 18-AUG 7

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

INDEP STUDY ENTREPRENEUR GLOBE 490E 1-4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
8687005 ARRANGED MEETS: MAY 18-AUG 7

DEANS GLOBL AG PROG GLOBE 497 1-4 CREDITS
Note: Meets international perspectives reqmt
8981800 IT ARRANGED MEETS: MAY 11-JUNE 5
Note: SEC IT TAUGHT IN ROME, ITALY. DEAN'S GLOBAL & AGRICULTURE LEADERSHIP PROGRAM: ROME. STUDY ABROAD SUMMER 2015 OFFERED FOR 3 CREDITS Study Abroad Administrative Fee Applies

GRADUATE STUDIES

PREP FAC TCHG PRACT GR ST 587 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, or GR ST 586
7679005 ARRANGED BENDER H MEETS: MAY 18-AUG 7
Note: Instructor permission required.

PREP FTR FAC SPL TP GR ST 588 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, GR ST 586
8341005 ARRANGED BENDER H MEETS: MAY 18-AUG 7
Note: Instructor permission required.

EXAMINATION ONLY GR ST 600 R CREDIT
3972005 ARRANGED MEETS: MAY 18-AUG 7

REQUIRED ENROLLMENT GR ST 601 R CREDIT
4482005 MEETS: MAY 18-AUG 7
Note: College permission required.

PRACTICAL TRAINING GR ST 697 R CREDIT
6905005 MEETS: MAY 18-AUG 7
Note: THE REQUIRED APPROVAL SIGNATURE SHOULD BE OBTAINED IN 1117 PERSHON.
College permission required.

GRAPHIC DESIGN (CONTINUED)

GRAPHIC DSN METHODLOGY ARTGR 476 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR 371, ARTGR 470 OR ARTGR 482
1888005 MWF 8:40-10:50 MEETS: MAY 18-JULY 10

GRAPH DSGN INTERNSHIP ARTGR 480 3 CREDITS
Prereq: ARTGR 377, 12 CR IN GRAPHIC DESIGN; INSTR PERMISSION, REGISTRATION IN ADVANCE OF ENROLLMENT
7746005 A ARRANGED MEETS: MAY 18-AUG 7
7746010 B ARRANGED MEETS: MAY 18-AUG 7

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

RESEARCH - THESIS ARTGR 599 VAR. CREDITS
---------- SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS ARTGR 690 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

HIGHER EDUCATION

COLLEGE TEACHING H ED 561 3 CREDITS
4112005 1 WRF 8:00-9:00 MEETS: MAY 29-JUNE 13

COMPRE COMM COLLEGE H ED 562 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
4115005 1 WRF 8:30-11:30 MEETS: JUN 15-JULY 23

GRAPHIC DESIGN

IND STU COOP, INTERN ARTGR 490I 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 EMLR SC.
---------- SEE DEPT FOR REFERENCE NUMBERS

GRAPHIC DSN IN EURO ARTGR 495 3 CREDITS
Prereq: ARTGR 494, PERMISSION OF INSTRUCTOR
1821800 IT ARRANGED FONTAINE L MEETS: MAY 11-JUNE 2
Note: SEC IT TAUGHT IN ITALY, SWITZERLAND, GERMANY, THE NETHERLANDS, FRANCE. TOPIC: GRAPHIC DESIGN IN EUROPE. STUDY ABROAD SUMMER 2015 Study Abroad Administrative Fee Applies

SPL TOP 2-DIMEN DSN ARTGR 590B VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
---------- SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 3-DIMEN DSN ARTGR 590C VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
---------- SEE DEPT FOR REFERENCE NUMBERS

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

ADVANCED TOPICS ARTGR 690 VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION
4084005 MTWR 9:50-11:10 MEETS: JUNE 15-JULY 23

HUMAN DISEASES H S 350 3 CREDITS
Prereq: H S 110 AND BIOL 255, BIOL 256
4088005 MTWR 7:30-9:30 MEETS: MAY 18-JUNE 12

TEACH-LEARN HLTH ED H S 375 3 CREDITS
Prereq: H S 105, H S 110, H S 215
Note: CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
4089005 MTWR 9:50-11:10 MEETS: JUNE 15-JULY 23

FLD EXP HLTH PROMO H S 485 1-16 CREDITS
Prereq: ALL REQUIRED H S COURSES, PERMISSION OF COORDINATOR
4095005 ARRANGED MEETS: MAY 18-AUG 7
Note: Instructor permission required 1st week.

GLOBAL RESOURCE SYSTEMS (CONTINUED)

RESEARCH - THESIS H S 561 3 CREDITS
---------- SEE DEPT FOR REFERENCE NUMBERS

HIGHER EDUCATION

COLLEGE TEACHING H ED 561 3 CREDITS
4112005 1 WRF 8:00-9:00 MEETS: MAY 29-JUNE 13

COMPRE COMM COLLEGE H ED 562 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
4115005 1 WRF 8:30-11:30 MEETS: JUN 15-JULY 23
HIGHER EDUCATION

(Continued)

SPL TOP STDT SVCRC HSE ED 590A 1-4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP COMMUN COLL HSE ED 590B 1-4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP CURRENT ISS HSE ED 590C 1-4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP INTNL HG ED HSE ED 590D 1-4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SP TOP FED&STAT AFF HSE ED 590E 1-4 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
SP TOP LAW IN HG ED HSE ED 590F 1-4 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
SP TOP INSTNTL RES HG ED 591 1-4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SUPV FIELD EXPERIEN HG ED 591 1-4 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
CREATIVE COMPONENT HG ED 599 VAR. CREDITS
Prereq: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SEM RESEARCH DESNS HG ED 615H 1-4 CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015
4145005 1 RF 9:00-5:00
Note: MEETINGS ON JUNE 18, JULY 9, 10, 30, 31
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. HPC 504 3 CREDITS
Prereq: IN TEACHER EDUCATION OR PERMISSION OF INSTRUCTOR
2604010 1 MTWR 9:30-12:40
MEETS: JULY 6-23
SPCL TOP HIST OF ED HPC 509A 1-5 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPCL TOP PHIL OF ED HPC 509B 1-5 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SPCL TOPC COMPAR ED HPC 509C 1-5 CREDITS
Prereq: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
CREATIVE COMPONENT HPC 599 1-3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
ADV SPECIAL TOPICS HPC 690 1-3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH HPC 699 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
HISTORY

HIST OF AMER WOMEN HST 386 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt
4187005 MTWR 9:50-11:50
MEETS: JUNE 15-JULY 7
EUROPE: 1500-1648 HIST 408 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
8205005 MTWR 12:10-2:10
MEETS: MAY 18-JUNE 12
FRANCE: 1715-1815 HIST 420 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
7629000 MTWR 12:10-2:10
MEETS: JUNE 15-JULY 7
THE AMERICAN WEST HST 465 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMES AND ABOVE
4224005 MTWR 9:50-11:50
MEETS: JUL 13-AUG 7
INDEPENDENT STUDY HST 490 1-3 CREDITS
Prereq: 9 CREDITS IN HISTORY; PERMISSION OF DEPARTMENT CHAIR
INSTRUCTOR
Note: COURSE NOT OPEN TO FRESHMEN. NO MORE THAN 6 CREDITS OF HST 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 HST 590 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH HST 699 1-6 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
HORTICULTURE

HRT MGT EXPERIENCE HRT 391 1 CREDIT
Prereq: HRT 221 OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 2 CREDITS OF HRT 391 MAY BE APPLIED TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMENTS.
2 ADDITIONAL CREDITS OF HRT 391 MAY BE APPLIED TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
COOPERATIVE EDUCATN HRT 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT RESOURCE AND CAREER CENTER COORDINATOR
Satisfactory-Fail Only.
3652005 ARRANGED
MEETS: MAY 18-AUG 7
ENTPRISE MGT: HAVRST HRT 465B 3 CREDITS
Prereq: ECON 230; 6 CR HRT; JUNIOR CLASSIFICATION
2169005 W 12:10-1:10
M 12:10-1:00
W 1:10-4:00
MEETS: MAY 18-AUG 7
IND ST GREENHS CROP HRT 490A VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HRT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STY NURS CROPS HRT 490B VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HRT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STY TURFGRASS HRT 490C VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HRT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STY FRUIT CROPS HRT 490D VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HRT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
**Horticulture** (continued)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>IND STUDY VEG CROPS</td>
<td>HORT 490E VAR.</td>
<td>CREDITS</td>
<td>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 applied toward graduation.</td>
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<tr>
<td>IND STUDY CROSS-COMMO</td>
<td>HORT 490F VAR.</td>
<td>CREDITS</td>
<td>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 applied toward graduation.</td>
</tr>
<tr>
<td>INDEP STUDY HONORS</td>
<td>HORT 490H VAR.</td>
<td>CREDITS</td>
<td>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 applied toward graduation.</td>
</tr>
<tr>
<td>IND ST LANDSCP HORT</td>
<td>HORT 490G VAR.</td>
<td>CREDITS</td>
<td>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 applied toward graduation.</td>
</tr>
<tr>
<td>IND STU ENTREPRENR</td>
<td>HORT 490J VAR.</td>
<td>CREDITS</td>
<td>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 applied toward graduation.</td>
</tr>
<tr>
<td>SERVC LEARN DOMESTC</td>
<td>HORT 494B VAR.</td>
<td>CREDITS</td>
<td>Prereq: Permission of Instructor. Note: Instructor permission required 1st week.</td>
</tr>
<tr>
<td>SPECIAL TOPICS</td>
<td>HORT 590 VAR.</td>
<td>CREDITS</td>
<td>Prereq: A Major or Minor in Horticulture.</td>
</tr>
<tr>
<td>ADVANCED TOPICS</td>
<td>HORT 690 VAR.</td>
<td>CREDITS</td>
<td>Prereq: Instructor permission required 1st week.</td>
</tr>
<tr>
<td>RSRCCH GREENHSE CROP</td>
<td>HORT 699A VAR.</td>
<td>CREDITS</td>
<td>Prereq: Instructor permission required 1st week.</td>
</tr>
<tr>
<td>RSRCCH NURSERY CROPS</td>
<td>HORT 699B VAR.</td>
<td>CREDITS</td>
<td>Prereq: Instructor permission required 1st week.</td>
</tr>
<tr>
<td>RESEARCH TURFGRASS</td>
<td>HORT 699C VAR.</td>
<td>CREDITS</td>
<td>Prereq: Instructor permission required 1st week.</td>
</tr>
<tr>
<td>RESEARCH FRUIT CROPS</td>
<td>HORT 699D VAR.</td>
<td>CREDITS</td>
<td>Prereq: Instructor permission required 1st week.</td>
</tr>
<tr>
<td>RESEARCH VEG CROPS</td>
<td>HORT 699E VAR.</td>
<td>CREDITS</td>
<td>Prereq: Instructor permission required 1st week.</td>
</tr>
<tr>
<td>RSRCCH CROSS-COMMOD</td>
<td>HORT 699F VAR.</td>
<td>CREDITS</td>
<td>Prereq: Instructor permission required 1st week.</td>
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<tr>
<td>RSRCCH LANDSCAP HORT</td>
<td>HORT 699G VAR.</td>
<td>CREDITS</td>
<td>Prereq: Instructor permission required 1st week.</td>
</tr>
</tbody>
</table>

**Horticulture** (continued)

<table>
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<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>HOTEL RESTAURANT &amp; INSTITUTION MGMT</td>
<td>HORT 590 VAR.</td>
<td>CREDITS</td>
<td>Prereq: Instructor permission required 1st week.</td>
</tr>
<tr>
<td>HHC EMERGNCY PRACTCS</td>
<td>HCI 596</td>
<td>CREDITS</td>
<td>Prereq: HCI 521</td>
</tr>
<tr>
<td>CREATIVE COMPONENT</td>
<td>HCI 599</td>
<td>CREDITS</td>
<td>Prereq: Instructor permission required 1st week.</td>
</tr>
<tr>
<td>HCI INTERNSHIP</td>
<td>HCI 697</td>
<td>R CREDIT</td>
<td>Prereq: Grad Classification, Permission of Director of Graduate Education</td>
</tr>
</tbody>
</table>
HUMAN COMPUTER INTERACTION  (CONTINUED)

RESEARCH  HCI  699  VAR.  CREDITS
Satisfactory-Fail Only.

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

HUMAN DEVELOPMENT & FAMILY STUDIES

INDV&FAM LIFE DEVEL  HD FS 102  3 CREDITS
349100S
TWR 11:30-12:50
MEETS: JUNE 15-AUG 7

FLD EXP EARLY CHILD  HD FS 317A  1-6 CREDITS
Prereq: HS FS 343
Satisfactory-Fail Only.

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

FLD EXP FAMILY SERV  HD FS 317B  1-6 CREDITS
Prereq: 9 CREDITS IN HD FS
Satisfactory-Fail Only.

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

FLD EXP CARE 5+YR OLD  HD FS 317D  1-6 CREDITS
Prereq: HD FS 226, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

FLD EXP INF/TODDLER  HD FS 317E  1-6 CREDITS
Prereq: HD FS 340, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

FLD EXPRNC RESEARCH  HD FS 317F  1-6 CREDITS
Prereq: HD FS 249, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

IND STU CHILD&FAMILY  HD FS 490A  VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
Satisfactory-Fail Only.

IND STU FAMILY FINAN  HD FS 490C  VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
Satisfactory-Fail Only.

IND ST EARLY EDUC  HD FS 490F  VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
Satisfactory-Fail Only.

INDEP STUDY HONORS  HD FS 490H  VAR. CREDITS
Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROGRAM ONLY
Satisfactory-Fail Only.

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

IND ST HUM DEVELOPMENT  HD FS 490I  VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
Satisfactory-Fail Only.

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

IND ST POLICY PGK  HD FS 490L  VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
Satisfactory-Fail Only.

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

INTERNSHIP  HD FS 499  1-6 CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHM
Satisfactory-Fail Only.

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

SPCL TOP FAMILY STUDY  HD FS 590A  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

SP TOPICS HOUSING  HD FS 590B  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

SP TOP FAMILY FINANCIAL  HD FS 590C  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

SP TOP HUMAN DEVELOPMENT  HD FS 590D  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

SP TOP CHILD DEVELOPMENT  HD FS 590E  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

SPL TOP EARLY EDUC  HD FS 590F  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

SP TOP HUMAN, FAMILY  HD FS 590I  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

SP TOPICS THERAPY  HD FS 590M  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

SP TOP FAMILY POLICY  HD FS 590N  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

INTERNSHIP FAMILY STUDY  HD FS 591A  VAR. CREDITS
Prereq: 10 GRAD CREDITS
Satisfactory-Fail Only.

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

INTERNSHIP CHILD DEVELOPMENT  HD FS 591B  VAR. CREDITS
Prereq: 10 GRAD CREDITS
Satisfactory-Fail Only.

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

INTERNSHIP EARLY EDUCATION  HD FS 591C  VAR. CREDITS
Prereq: 10 GRAD CREDITS
Satisfactory-Fail Only.

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

INTERNSHIP EARLY CHILD DEVELOPMENT  HD FS 591D  VAR. CREDITS
Prereq: 10 GRAD CREDITS
Satisfactory-Fail Only.

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

INTERNERN HUMAN DEVELOPMENT  HD FS 591I  VAR. CREDITS
Prereq: 10 GRAD CREDITS
Satisfactory-Fail Only.

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

INTERNATIONAL HUMAN DEVELOPMENT & FAMILY STUDIES  HD FS 591J

CREATIVE COMPONENT  HD FS 599  VAR. CREDITS
Prereq: 9 GRAD CREDITS IN HD FS
Satisfactory-Fail Only.

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

ADV TOP FAMILY STUDY  HD FS 690A  VAR. CREDITS
Prereq: INSTR PERM, ENROLLMENT IN PH.D. PROG
Satisfactory-Fail Only.

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

ADV TOPICS HOUSING  HD FS 690B  VAR. CREDITS
Prereq: INSTR PERM, ENROLLMENT IN PH.D. PROG
Satisfactory-Fail Only.

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

ADV TOP FAMILY FINANCE  HD FS 690C  VAR. CREDITS
Prereq: INSTR PERM, ENROLLMENT IN PH.D. PROG
Satisfactory-Fail Only.

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

ADV TOP HUMAN DEVELOPMENT  HD FS 690D  VAR. CREDITS
Prereq: INSTR PERM, ENROLLMENT IN PH.D. PROG
Satisfactory-Fail Only.

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

ADV TOP CHILD DEVELOPMENT  HD FS 690E  VAR. CREDITS
Prereq: INSTR PERM, ENROLLMENT IN PH.D. PROG
Satisfactory-Fail Only.

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

ADV TOP EARLY EDUCATION  HD FS 690F  VAR. CREDITS
Prereq: INSTR PERM, ENROLLMENT IN PH.D. PROG
Satisfactory-Fail Only.

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

ADV TOP EARLY CHILD DEVELOPMENT  HD FS 690G  VAR. CREDITS
Prereq: INSTR PERM, ENROLLMENT IN PH.D. PROG
Satisfactory-Fail Only.

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

COLLEG TCHR INTERNSHIP  HD FS 691A  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

RESEARCH INTERNSHIP  HD FS 691B  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

PRO EXPER INTERNSHIP  HD FS 691D  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

********  SEE DEPT FOR REFERENCE NUMBERS
<table>
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<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>I E 398</td>
<td>Cooperative Education</td>
<td>R Credit</td>
<td>Prereq: I E 298, Permission of Department and Engineering Career Services</td>
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<tr>
<td>I E 448</td>
<td>Manufacture Systems Engineering</td>
<td>3 Credits</td>
<td>Prereq: Sr. Classification, Permission of Instructor</td>
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<td>I E 490A</td>
<td>Cooperative Internships</td>
<td>1-5</td>
<td>Prereq: Sr. Classification, Permission of Instructor</td>
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<tr>
<td>I E 490B</td>
<td>Cooperative Internships</td>
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<td>Prereq: Sr. Classification, Permission of Instructor</td>
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<td>I E 490D</td>
<td>Cooperative Internships</td>
<td>1-5</td>
<td>Prereq: Senior Classification, Permission of Instructor</td>
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<tr>
<td>I E 498</td>
<td>Cooperative Education</td>
<td>R Credit</td>
<td>Prereq: I E 298, Permission of Department and Engineering Career Services</td>
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<tr>
<td>I E 499</td>
<td>Special Topics</td>
<td>1-3</td>
<td>Prereq: Completion of Industrial Design Studio or Permission of Instructor</td>
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<tr>
<td>I E 590</td>
<td>Special Topics</td>
<td>3 Credits</td>
<td>Prereq: Completion of Industrial Design Studio or Permission of Instructor</td>
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<tr>
<td>I E 591</td>
<td>Special Topics</td>
<td>1-3</td>
<td>Prereq: Completion of Industrial Design Studio or Permission of Instructor</td>
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<tr>
<td>I E 697</td>
<td>Engineer Internship</td>
<td>R Credit</td>
<td>Prereq: Permission of Department</td>
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<td>I E 699A</td>
<td>Industrial Engineering</td>
<td>Var.</td>
<td>Prereq: Sr. Classification, Permission of Instructor</td>
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<td>I E 699</td>
<td>Information Assurance</td>
<td>R Credit</td>
<td>Prereq: Sr. Classification, Permission of Instructor</td>
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<tr>
<td>I E 230</td>
<td>Computer Modelling and Visualization</td>
<td>3 Credits</td>
<td>Prereq: Artis 230 or Permission of Instructor</td>
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<tr>
<td>I E 308</td>
<td>Computer Modelling and Visualization</td>
<td>3 Credits</td>
<td>Prereq: Course Restricted to Design College Majors</td>
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<tr>
<td>I E 305</td>
<td>Engr Economic Analysis</td>
<td>3 Credits</td>
<td>Prereq: Math 16, Arranged</td>
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<td>I E 396</td>
<td>Summer Internship</td>
<td>R Credit</td>
<td>Prereq: Permission of Department and Engineering Career Services</td>
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<tr>
<td>I E 448</td>
<td>Topical Studio</td>
<td>1-3</td>
<td>Prereq: Course Only Offered for 3 Credits Summer 2015</td>
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<tr>
<td>I E 490</td>
<td>Cooperative Education</td>
<td>R Credit</td>
<td>Prereq: I E 298, Permission of Department and Engineering Career Services</td>
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<td>Prereq: I E 298, Permission of Department and Engineering Career Services</td>
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<td>Special Topics</td>
<td>1-3</td>
<td>Prereq: Completion of Industrial Design Studio or Permission of Instructor</td>
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**Information Assurance**

- Info Assurance Intern 697  R Credit  Prereq: Permission of Department, Graduation Classification  Satisfaction-Fail Only.
- 8082005  Arranged  MEETS: May 18-Aug 7

**Integrated Studio Arts**

- Cptr Modavir Photo  Artis 308  3 Credits  Prereq: Artis 230 or Permission of Instructor  Note: Course Restricted to Design College Majors  6423005  MTWR 9:00-11:50  MEETS: May 18-July 10
- Topics Studio Art  Artis 482  1-3 Credits  Prereq: Course Only Offered for 3 Credits Summer 2015  1855005  Arranged  MEETS: June 15-July 10  Note: Topics: Solitude and Community Materials, field trips $0-$570.00
INDEPENDENT STUDY ARTS (CONTINUED)

IND EP STUDY CERAMICS ARTIS 490B 1-6 CREDITS
PreReq: Written Approval of Instructor and Department Chair on Request 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**

IND ST COMPUTER A&D ARTIS 490C 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment

**SEE DEPT FOR REFERENCE NUMBERS**

IND EP STUDY DRAWING ARTIS 490D 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment
Note: Instructor permission required 1st week.
**SEE DEPT FOR REFERENCE NUMBERS**

IND EP STUDY TEXTILES ARTIS 490E 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment
Note: Instructor permission required 1st week.
**SEE DEPT FOR REFERENCE NUMBERS**

IND ST ILLUSTRATION ARTIS 490F 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment

**SEE DEPT FOR REFERENCE NUMBERS**

IND EP STUDY METALS ARTIS 490G 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment
Note: Instructor permission required 1st week.
Materials and field trips &/or travel fee $70.00

**SEE DEPT FOR REFERENCE NUMBERS**

IND EP STUDY HONORS ARTIS 490H 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment
Note: Instructor permission required 1st week.
**SEE DEPT FOR REFERENCE NUMBERS**

IND EP STUDY PAINTING ARTIS 490I 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment
Note: Instructor permission required 1st week.
**SEE DEPT FOR REFERENCE NUMBERS**

IND EP PHOTOGRAPHY ARTIS 490J 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment
Note: Instructor permission required 1st week.
Materials and equipment use fee $30.00

**SEE DEPT FOR REFERENCE NUMBERS**

IND EP PRINTMAKING ARTIS 490K 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment
Note: Instructor permission required 1st week.
**SEE DEPT FOR REFERENCE NUMBERS**

IND EP FURNITURE ARTIS 490L 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment
Note: Instructor permission required 1st week.
Materials and equipment use fee $120.00

**SEE DEPT FOR REFERENCE NUMBERS**

IND EP MIXED MEDIA ARTIS 490M 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment
Note: Instructor permission required 1st week.
Materials and equipment use fee $25.00

**SEE DEPT FOR REFERENCE NUMBERS**

WORKSHOP: METALS ARTIS 493G 1-3 CREDITS
PreReq: Permission of Instructor
Note: Course only offered for 2 credits Summer 2015
Instructor permission required 1st week.

8014005 1 MTWRF 9:00-12:00
MTWRF 1:00-5:00
MEETS: MAY 18-29

Note: Topic: Toolmaking for the Artist/Craftmen

WORKSHOP: PAINTING ARTIS 493I 1-3 CREDITS
PreReq: Permission of Instructor
Note: Course only offered for 3 credits Summer 2015

8159005 MTWRF 9:00-11:50
MEETS: MAY 5 JUNE 10

Note: Topic: Pastels

SPL TOP COMPUT A&D ARTIS 590C 1-3 CREDITS
PreReq: Bachelor’s Degree in Art and/or Design, or Evidence of Satisfactory Experience in Specialized Area. Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment.

**SEE DEPT FOR REFERENCE NUMBERS**

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
4480005 ARRANGED
MEETS: MAY 18-AUG 7

THESES RESEARCH IGS 699 VAR. CREDITS
4481005 ARRANGED
MEETS: MAY 18-AUG 7

INTERIOR DESIGN

INT DSGN INTERNSHIP ARTID 460 3 CREDITS
PreReq: ARTID 350, ARTID 360, ARTID 365
1846005 A ARRANGED
MEETS: MAY 18-AUG 7

INDEPENDENT STUDY ARTID 490 1-6 CREDITS
PreReq: Written Approval of Instr and Dept Chair on Request Form in Advance of Semester of Enrollment

**SEE DEPT FOR REFERENCE NUMBERS**

WORKSHOP ARTID 493 1-3 CREDITS
PreReq: Evidence of Satisfactory Experience in Area of Specialization

8035800 KR ARRANGED
MEETS: MAY 11-16

Note: Sec Kr taught in Seoul, Republic of Korea. Interior Design Workshop: Design & Culture of Korean Domestic Space. Study Abroad Administrative Fee Applies
INTERIOR DESIGN (CONTINUED)

SPECIAL TOPICS ARTID 590 VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN INTERIOR DSGN
or evidence of satisfactory equivalency in specialized area. Written approval of inst'r & dept chair
on required form in advance of sem of enrollment.

CREATIVE COMPONENT ARTID 599 VAR. CREDITS

ADVANCED TOPICS ARTID 690 VAR. CREDITS
Prereq: MFA CLASSIFICATION, PERMISSION OF INSTR

RESEARCH: THESIS ARTID 699A VAR. CREDITS

RESEARCH: THESIS-EXH ARTID 699B VAR. CREDITS

INTERNATIONAL STUDIES

STUDY ABROAD HUMANIT INTST 395B 1-4 CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015

IOWA LAKESIDE LABORATORY

UNDERGRAD INTERNSHIP IA LL 303I 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, SOPH STANDING
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3683005 1 ARRANGED
Note: Tuition Category: Iowa Lakeside Lab
ECOLOGY IA LL 312I 4 CREDITS
Prereq: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3707005 1 MTWR 8:00-5:00 MEETS: MAY 26-JUNE 19
Note: Tuition Category: Iowa Lakeside Lab
FIELD ARCHAEOLOGY IA LL 427I 4 CREDITS
Prereq: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3840005 1 ARRANGED MEETS: JUNE 22-JULY 17
Note: Tuition Category: Iowa Lakeside Lab
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 Note: Course only offered for 3 credits Summer 2015
3984010 2 ARRANGED Note: Course only offered for 3 credits Summer 2015
Note: Tuition Category: Iowa Lakeside Lab
N HIST FIELD ARCHAIE IA LL 493P 1-2 CREDITS
Prereq: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
5718005 1 MTWRF 8:00-5:00 MEETS: MAY 26-JUNE 19
Note: Tuition Category: Iowa Lakeside Lab
Note: SECTION 1 OFFERED FOR 1 CREDIT Tuition Category: Iowa Lakeside Lab
5718010 2 MTWRFS 8:00-5:00 MEETS: JUNE 29-JULY 10
Note: Tuition Category: Iowa Lakeside Lab
Note: SECTION 2 OFFERED FOR 2 CREDITS Tuition Category: Iowa Lakeside Lab
UNDERGRAD RESEARCH IA LL 499 1-4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF INSTRUCTOR
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3565005 1 ARRANGED Note: Course only offered for 3 credits Summer 2015
3565010 2 ARRANGED Note: Course only offered for 3 credits Summer 2015
Note: Tuition Category: Iowa Lakeside Lab
Note: Tuition Category: Iowa Lakeside Lab
ECO4SYSTEMTCS ALGAE IA LL 501 4 CREDITS
Prereq: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
7438005 1 MTWRF 8:00-5:00 MEETS: JUNE 22-JULY 17
Note: Tuition Category: Iowa Lakeside Lab

IOWA LAKESIDE LABORATORY (CONTINUED)

GRADUATE INTERNSHIPS IA LL 503 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR & GRADUATE STANDING
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3859005 Arranged
Note: Tuition Category: Iowa Lakeside Lab
AQUATIC ECOLOGY IA LL 508I 4 CREDITS
Prereq: COURSES IN ECOLOGY, CHEMISTRY AND PHYSICS
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3860005 MTWRF 8:00-5:00 MEETS: MAY 26-JUNE 19
Note: Tuition Category: Iowa Lakeside Lab
ECOL & SYST DIATOMS IA LL 580 4 CREDITS
Prereq: COURSES IN ECOLOGY, CHEMISTRY AND PHYSICS
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
7548005 MTWRF 8:00-5:00 MEETS: MAY 26-JUNE 19
Note: Tuition Category: Iowa Lakeside Lab
GRAD IND STDY IA LL IA LL 590I 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR & GRAD CLASSIF
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3965005 1 ARRANGED MEETS: JUNE 22-JULY 17
Note: Tuition Category: Iowa Lakeside Lab
3965010 2 ARRANGED MEETS: JUNE 22-JULY 17
Note: Tuition Category: Iowa Lakeside Lab
Note: Course only offered for 3 credits Summer 2015
RESEARCH IA LL IA LL 599I 1-4 CREDITS
Note: Tuition Category: Iowa Lakeside Lab
Note: Tuition Category: Iowa Lakeside Lab
JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS
4656005 IA MTWRF 12:10-2:10 MEETS: JUNE 15-JULY 10
Note: SECTION 1A RESTRICTED TO ADVRT, JL MC, P R MAJORS
4656010 1B MTWRF 12:10-2:10 MEETS: JUNE 15-JULY 10
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN
ADVRT, JL MC, P R
JOURNALISM & SOCIETY JL MC 110 1 CREDIT
4657005 1 MWF 1:00-3:40 MEETS: MAY 18-JUNE 12
REPORT & WRITING IA LL IA LL 101 3 CREDITS
Prereq: ENGL 250 (OR TESTOUT) AND JL MC 110
Note: COURSE RESTRICTED TO ADVRT & JL MC, MAJORS
4658005 1 MTWR 8:40-10:50 MEETS: JUNE 15-AUG 7
Syllabus: http://www.jlmc.iastate.edu/undergrad
4658010 2 MTWR 11:00-1:10 MEETS: JUNE 15-AUG 7
INDEP STDY CMUNCAT 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

PROFES MEDIA INTERN JL MC 499 1-3 CREDITS
Prereq: JL MC MAJORS: C+ OR BETTER IN JL MC 202
OR JL MC 206 OR JL MC 321/PH 321; ADVRT MAJORS:
ADVRT 301, C+ OR BETTER IN JL MC 201; ALL STUDENTS:
JUNIOR CLASSIFICATION, FORMAL FACULTY ADVISER APPROVAL
Note: NO MORE THAN 6 CREDITS OF ADVRT 499X, JL MC 499,
AND PR 499 MAY BE APPLIED TOWARD GRADUATION.
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015.
Department permission required.
Satisfactory-Fail Only.

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

SPL TOP PRO SPECIAL JL MC 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

Note: Tuition Category: Iowa Lakeside Lab
Note: Tuition Category: Iowa Lakeside Lab
Note: Tuition Category: Iowa Lakeside Lab
KINESIOLOGY (CONTINUED)

SPECIAL TOPICS P E KIN 590A 1-3 CREDITS
Prereq: Instructor permission required 1st week.
Note: Instructor permission required. See DEPT for Reference Numbers.

SPL TOP HEALTH PROMO KIN 590B 1-3 CREDITS
Note: Instructor permission required 1st week.
Note: Instructor permission required 1st week. See DEPT for Reference Numbers.

SPL TOP EXERC PHYS KIN 590D 1-3 CREDITS
Note: Instructor permission required 1st week.
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.
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.
Note: Instructor permission required 1st week. See DEPT for Reference Numbers.

SPL TOP BIOMECHANICS KIN 590H 1-3 CREDITS
Note: Instructor permission required 1st week.
Note: Instructor permission required 1st week. See DEPT for Reference Numbers.

SPL TOP RSCH ETHCS KIN 590I 1-3 CREDITS
Note: Instructor permission required 1st week.
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.
Note: Instructor permission required 1st week. See DEPT for Reference Numbers.

SUP FLD EXP PHYS KIN 591D 1-6 CREDITS
Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
Note: Instructor permission required 1st week.
Note: Instructor permission required 1st week. See DEPT for Reference Numbers.

CREATIVE COMPONENT KIN 599 1-3 CREDITS
Note: Instructor permission required 1st week.
Note: Instructor permission required 1st week. See DEPT for Reference Numbers.

RESEARCH KIN 699 1-6 CREDITS
Note: Instructor permission required 1st week.
Note: Instructor permission required 1st week. See DEPT for Reference Numbers.

LANDSCAPE ARCHITECTURE

LAND ARCH INTERNSHIP L A 444A R CREDIT
Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
Note: Instructor permission required. See DEPT for Reference Numbers.

3036005 1 ARRANGED
MEETS: MAY 18-AUG 7

L ARCH STUDY ABROAD L A 444B R CREDIT
Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
6212005 ARRANGED
MEETS: MAY 18-AUG 7

LA NAT'L STD T XCHNG L A 444C R CREDIT
Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
6213005 ARRANGED
MEETS: MAY 18-AUG 7

TOPICAL ST GRAPHICS L A 478G 2-3 CREDITS
Prereq: L A 202 OR SENIOR OR GRADUATE CLASSIFICATION
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015
3921005 ARRANGED
MEETS: MAY 18-JULY 10
Note: TOPIC: PORTFOLIO DESIGN
Course delivery is WWW.
LANDSCAPE ARCHITECTURE

IND STY LAND DSGN  L A  490A  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STY PLNTNG DSN  L A  490B  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst 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 lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY HISTOR Y  L A  490D  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY GRAPHICS  L A  490G  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY HISTOR Y  L A  490H  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY INTERDISC  L A  490I  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY INT'L STUDI  L A  490J  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY CMPTPR APLL  L A  490K  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY ECO DESIGN  L A  490L  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY SOCIAL/BEH V  L A  490M  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY INT'L STUDI  L A  490N  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY CMPTPR APLL  L A  490O  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY URBAN DSGN  L A  490P  1- 6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN  L A  590A  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSGN  L A  590B  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS  L A  590C  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required lst week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS HISTORY  L A  590D  1- 6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required lst 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
******* SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES

SPECIAL PROJECTS  LAS  290D  1- 3 CREDITS
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;
PERMISSION OF LAS DEAN
******* SEE DEPT FOR REFERENCE NUMBERS

SPL PROJ CATT CENTR  LAS  290G  1- 3 CREDITS
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION,
PERMISSION OF DIRECTOR OF THE CATT CENTER
Note: PERMISSION OF DIRECTOR OF THE CATT CENTER REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES CENTER.
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP  LAS  298  R CREDIT
Prereq: PERMISSION OF LAS CAREER SERVICES,
SOPHOMORE CLASSIFICATION
Note: Instructor permission required.
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

LDSSHP DIVERSE SOCI  LAS  322  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqm
8176005 ARRANGED
MEETS: MAY 18-AUG 7
Note: Course delivery is WWW

Note: Instructor permission required 1st week.

Note: Instructor permission required 1st week.

Note: Instructor permission required 1st week.

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Note: Instructor permission required 1st week.

Note: Instructor permission required 1st week.
LIBERAL ARTS & SCIENCES

THE HOLOCAUST
LAS 385 3 CREDITS
Note: Meets international perspectives reqmt.
4837005 1 TR 10:00-10:50AM
MEETS: MAY 18-JULY 10

INTERNSHIP/CO-OP
LAS 398 R CREDIT
Prereq: PERMISSION OF LAS CAREER SERVICES, JUNIOR CLASSIFICATION.
Note: Instructor permission required. Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRNHS
LAS 490E VAR. CREDITS
Prereq: PERMISSION OF THE DEAN 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

SERVICE LEARNING
LAS 491A 1-4 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2015.
****** SEE DEPT FOR REFERENCE NUMBERS

SRVC LRN INTL PERSP
LAS 491C 1-4 CREDITS
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2015
****** SEE DEPT FOR REFERENCE NUMBERS

LIBRARY
INFORMATN LITERACY
LIB 160 1 CREDIT
Prereq: COMPLETION OF ENGL 101 REQUIRED FOR STUDENTS WHOSE SECOND LANGUAGE IS NOT ENGLISH
Note: Satisfactory-Fail Only.
4862005 1 MW 11:00-12:00
MEETS: JUNE 15-JULY 10
4862010 2 TR 1:20-2:20, ARRANGED
MEETS: JUNE 15-JULY 10

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 STDY LING ANTHR
LING 490D 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPSIS AND/or APPLIC. LINGUISTICS.
Note: Instructor permission required.
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

LANGU ASSESS PRACTM
LING 513 3 CREDITS
Prereq: ENGL 513
9060005 A ARRANGED
MEETS: MAY 18-AUG 7

PRA TCH ENG 2ND LNG
LING 588 3 CREDITS
Prereq: 9 CREDITS TOWARD THE TESL CERTIFICATE, AT LEAST SECOND YR MAJOR IN APPLIED LINGUISTICS.
6550005 A ARRANGED
MEETS: MAY 18-AUG 7

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

LINGUISTICS
SPL TP APP LING&TECH
LING 590G VAR. CREDITS
Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE
Note: COURSE NOT OPEN TO F BUS MAJORS
4802005 A MTWRF 9:50-11:50
MEETS: JUNE 15-JULY 10

MANAGEMENT
MANAGMT ORGANIZATIONS
MGMT 370 3 CREDITS
Prereq: ECON 101 OR ECON 102 OR EQUIVALENT
Note: COURSE NOT OPEN TO P BUS MAJORS
5280005 A1 MTWRF 7:30-9:30
MEETS: MAY 18-JUNE 12

INTERNATIONAL MGMT
MGMT 414 3 CREDITS
Prereq: MGMT 370; ACCT 285; FIN 301; MKT 340; SCM 301; GRADUATING SENIOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
5294005 A MTWRF 7:30-9:30
MEETS: MAY 18-JUNE 12

INDEPENDENT STUDY
MGMT 490 1-3 CREDITS
Prereq: MGMT 370, SENIOR CLASSIFICATION, PERMISSION OF THE DEAN OF LAS COLLEGE
Note: COURSE NOT OPEN TO GRADUATE STUDENTS
5284005 A1 MTWRF 7:30-9:30
MEETS: MAY 18-JUNE 12

MKT, OSCM, SCM UNDERGRADS
5285005 A2 MTWRF 7:30-9:30
MEETS: MAY 18-JUNE 12

STRATEGIC MANAGEMENT
MGMT 478 3 CREDITS
Prereq: MGMT 370; ACCT 285; FIN 301; MKT 340; SCM 301; GRADUATING SENIOR
Note: RESTRICTED TO SENIORS GRADUATING SUMMER 2015 IN THE COLLEGE OF BUSINESS
5294005 A MTWRF 7:30-9:30
MEETS: MAY 18-JUNE 12

MANAGEMENT INFORMATION SYSTEMS
MGMT INFO SYSTEMS
MIS 301 3 CREDITS
4394005 A1 MTWRF 9:50-11:50
MEETS: JUNE 15-JULY 10

INDEPENDENT STUDY
MIS 490 1-3 CREDITS
Prereq: MIS 301, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: COURSE NOT OPEN TO P BUS MAJORS
5294005 A1 MTWRF 7:30-9:30
MEETS: JULY 13-AUG 7

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
ENGINEERING CAREER SERVICES

Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING SUMMER INTERNSHIP MAT E 396 R CREDIT

MEETS: MAY 18-AUG 7

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

5352005 A1 MTWRF 9:50-11:50
MEETS: MAY 18-JUNE 12

Note: SEC A1 RESTRICTED TO ACCT, AG B, AG SO, AN S, AST, BUS S, BUS U, BUSEC, DY S, FIN, FS A, HORT, I TEC, SCm, MGMT, MIS, MKT, OEcm, P S A, SCm DG MAJORS. CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MGMT 370 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT SEM ENROLLMENT BLOCK INCLUDES FIN 301 AND SCM 301.

5352010 A2 MTWRF 9:50-11:50
MEETS: MAY 18-JUNE 12

Note: SEC A2 FOR MAJORS OTHER THAN ACCT, AG B, AG SO, AN S, AST, BUS S, BUS U, BUSED, BUSEC, DY S, FIN, FS A, HORT, I TEC, I TEC, LOMIS, LSCM, MGMT, MIS, MKT, OECm, P BUS, P S A, SCIS, SCM

5352800 HK ARRANGED
MEETS: MAY 17-JUNE 2

Note: SEC HK TUGHT IN HONG KONG. MARKETING 340 IN HONG KONG. STUDY ABAOD SUMMER 2015 Study Abroad Administrative Fee Applies

STRATEGIC MARKETING MKT 443 3 CREDITS
Prereq: MKT 444, MKT 447

Note: COURSE RESTRICTED TO MKT SENIORS GRADUATING SUMMER 2015

5358005 MTWRF 12:10-2:10
MEETS: MAY 18-JUNE 12

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

Note: COURSE NOT OPEN TO GRADUATE STUDENTS

Departmental Permission Required.

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

SPECIAL TOPICS MKT 590 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

Note: RESTRICTED TO UNIVERSITY MEMBERS, GRADUATE STUDENTS

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

RSEARCH PRACTICUM I MKT 650 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM

7655005 A ARRANGED
MEETS: MAY 18-AUG 7

RSEARCH PRACTICUM II MKT 651 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM

7669005 A ARRANGED
MEETS: MAY 18-AUG 7

MATHEMATICS

INTRO TO PROBABILITY MATH 104 3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY

Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 104 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5128005 MTWRF 9:50-10:50
MEETS: MAY 18-JULY 10

COLLEGE ALGEBRA MATH 140 3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY

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 15-AUG 7

5132010 B MTWRF 11:00-12:00
MEETS: MAY 18-JULY 10

5132020 C MTWRF 2:30-4:40
MEETS: JUN 7-31

PREP FOR CALCULUS MATH 143X 4 CREDITS
Prereq: ALEKS SCORE OF AT LEAST 50%

Note: CREDIT IN EITHER MATH 143X OR MATH 145X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 143X TOWARD THE GENERAL EDUCATION REQUIREMENTS.

7342005 MTWRF 8:40-10:00
MEETS: MAY 18-JULY 10

APPLIED TRIGONOMETRY MATH 145X 3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLMENT IN MATH 140

Note: CREDIT IN EITHER MATH 143X OR MATH 145X, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 145X TOWARD THE GENERAL EDUCATION REQUIREMENTS.

9173005 MTWRF 8:40-9:40
MEETS: MAY 18-JULY 10

DISC MATH BUS & SOC SCI CALC MATH 150 3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YEARS OF HS ALGEBRA, 1 YR OF HS 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 15-AUG 7

5135010 B MTWRF 11:00-12:00
MEETS: MAY 18-JULY 10

5135020 C MTWRF 2:30-4:40
MEETS: JUN 7-31

SPECIAL TOPICS M S E 590 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

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

MATERIALS SCIENCE & ENGINEERING

MATHEMATICS (CONTINUED)

MATHEMATICS (CONTINUED)

INDEPENDENT STUDY MAT E 490 3 CREDITS
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

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

COOPERATIVE EDUC MAT E 498 3 CREDITS
Prereq: MAT E 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

******* SEE DEPT FOR REFERENCE NUMBERS
MATHEMATICS (CONTINUED)

CALCULUS I MATH 165 4 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY OR ENROLLMENT IN MATH 142/MATH 145X
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 MTHRWF 8:40-10:00
MEETS: MAY 18-JUNE 10
5138010 B MTHRWF 8:40-10:00
MEETS: JUNE 15-AUG 7
5138015 C MTHRWF 11:00-12:20
MEETS: MAY 18-JUNE 10
CALCULUS II MATH 166 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 165 OR HIGH SCHOOL 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 186) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN
5139005 A MTHRWF 11:00-12:20
MEETS: MAY 18-JUNE 10
5139010 B MTHRWF 11:00-12:20
MEETS: JUNE 15-AUG 7
5139020 C MTHRWF 11:00-12:20
MEETS: MAY 18-JUNE 10
MATRICES & LINEAR ALGEB 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 MTHRWF 8:40-9:40
MEETS: MAY 18-JUNE 10
CALCULUS III MATH 265 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 168
Note: CREDIT FOR EITHER MATH 265 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 268, MATH 269X.
5151005 A MTHRWF 9:50-11:10
MEETS: MAY 18-JUNE 10
5151015 B MTHRWF 9:50-11:10
MEETS: JUNE 15-AUG 7
ELEM DIFF EQNS MATH 266 3 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 168
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 268, MATH 269X.
5152005 A MTHRWF 12:10-1:30
MEETS: MAY 18-JUNE 26
5152010 B MTHRWF 12:10-1:30
MEETS: JUNE 15-AUG 24
5152015 C MTHRWF 12:10-1:30
MEETS: MAY 18-JUNE 26
DIFF EQ & TRANSFS MATH 267 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 168
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 268, MATH 269X.
5153005 A MTHRWF 12:10-1:30
MEETS: MAY 18-JUNE 10
5153010 B MTHRWF 12:10-1:30
MEETS: MAY 18-JUNE 10
5153015 C MTHRWF 12:10-1:30
MEETS: JUNE 15-AUG 7
INDEPENDENT STUDY MATH 290 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
5156005 ARRANGED
MEETS: MAY 18-AUG 7
INDEPENDENT STUDY HONORS MATH 290H 1-3 CREDITS
Prereq: PERMISSION IN UNIV HONORS PROGRAM, PERMISSION OF INSTRUCTOR
Note: Department permission required.
5157000 ARRANGED
MEETS: MAY 18-AUG 7
ANALYSIS I MATH 414 3 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 201
5171005 A MTHRWF 11:00-12:20
MEETS: MAY 18-JUNE 10
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
5182005 ARRANGED
MEETS: MAY 18-AUG 7
Note: Department permission required.
MATHEMATICS (CONTINUED)

INDEPENDENT STUDY HONORS MATH 490H 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR. MEMBERSHIP IN THE UNIV HONORS PROGRAM.
Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.
Department permission required.
5183005 ARRANGED
MEETS: MAY 18-AUG 7
UNDERGRAD SEMINAR MATH 492 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO MATH GRAD STUDENTS ONLY
6698005 A ARRANGED
MEETS: JUNE 15-AUG 7
6698015 B ARRANGED
MEETS: JUNE 15-AUG 7
6698020 C ARRANGED
MEETS: JUNE 15-AUG 7
6698025 D ARRANGED
MEETS: JUNE 15-AUG 7
INTERMEDIATE GEOMETRY MATH 549 3 CREDITS
Prereq: MATH 435 OR EQUIVALENT AND ENROLLMENT IN THE MASTER OF SCHOOL MATHEMATICS PROGRAM
9600005 MTHRWF 9:40-11:00
MEETS: JUNE 15-AUG 7
INDEPENDENT STUDY MATH 590 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
CREATIVE COMPONENT MATH 599 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
RESEARCH MATH 699 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
MECHANICAL ENGINEERING

ENGR THERMODYNAMS I M E 231 3 CREDITS
Prereq: MATH 265, CHEM 167, PHYS 222
Note: CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT BOTH, MAY APPLY TOWARD GRADUATION
4877005 A MTHRWF 12:10-1:30
MEETS: MAY 18-JUNE 26
Note: SECTION A RESTRICTED TO ENGINEERING COLLEGE MAJORS ONLY
COOPERATIVE EDUCATN M E 298 R CREDIT
Prereq: PERMISSION OF DEPT CHAIR
****** SEE DEPT FOR REFERENCE NUMBERS
MECH COMPONENT DSGN M E 325 3 CREDITS
Prereq: M E 170, M E 324, STAT 305
6287005 A MTHRWF 7:30-8:50
MEETS: MAY 18-JUNE 26
Note: SECTION A RESTRICTED TO A E, M E MAJORS ONLY
ENGR THERMODYNAMS II M E 332 3 CREDITS
Prereq: M E 231
4878005 1 MTHRWF 12:10-1:30
MEETS: JUNE 29-AUG 7
PLUID FLOW M E 335 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN M E 332, E M 345, MATH 266 OR MATH 267
Note: COURSE RESTRICTED TO M E MAJORS ONLY
5703005 1 MTHRWF 11:00-12:20
IN TR 2:30-4:55
MEETS: MAY 18-JUNE 26
5703010 2 MTHRWF 11:00-12:20
WE 2:30-4:55
MEETS: MAY 18-JUNE 26
ENGINEERING MEASUREMENTS M E 370 3 CREDITS
Prereq: E E 442, STAT 305
Note: COURSE RESTRICTED TO M E MAJORS ONLY
4881005 1 MTHRWF 1:20-2:40
WE 1:20-3:40
MEETS: MAY 18-JUNE 26
MECHANICAL ENGINEERING (CONTINUED)

SUMMER INTERNSHIP  M E  396  R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

COOPERATIVE EDUC  M E  398  R CREDIT
Prereq: M E 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

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  MTWR 12:10-1:10 30
MEETS: MAY 18-JUNE 26
6310010  2  MTWR 12:10-1:10 30
TR 2:30-4:55 30
MEETS: MAY 18-JUNE 26
6310015  3  MTWR 12:10-1:10 30
TR 5:00-7:25 30
MEETS: MAY 18-JUNE 26

HEAT TRANSFER  M E  436  4 CREDITS
Prereq: M E 335
Note: COURSE RESTRICTED TO M E, CON E, M E MAJORS ONLY

5710005  1  MTWR 9:50-11:10 30
MEETS: JUNE 29-AUG 7
5710010  2  MTWR 9:50-11:10 30
TR 1:20-3:45 30
MEETS: JUNE 29-AUG 7
5710015  3  MTWR 9:50-11:10 30
MW 12:10-2:35 30
MEETS: MAY 23-AUG 7

INDEPENDENT STUDY HONORS  M E  490W  1-6 CREDITS
Prereq: SR CLASSIFICATION, MEMBERSHIP IN HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY

IND STU THERMODYN  M E  490J  1-6 CREDITS
Prereq: SENIOR CLASSIFICATION

IND STU NUCL ENGR  M E  490M  1-6 CREDITS
Prereq: SENIOR CLASSIFICATION

IND STU OPTMIZ  M E  490O  1-6 CREDITS
Prereq: SENIOR CLASSIFICATION

IND STU MATRLS PROC  M E  490Q  1-6 CREDITS
Prereq: SENIOR CLASSIFICATION

COOPERATIVE EDUC  M E  498  R CREDIT
Prereq: M E 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

SP TOP LIT INVESTIG  M E  590Q  1-8 CREDITS

SP TOP BIOL&NANO SCI  M E  590T  1-8 CREDITS

SP TOP CMPLX FLUID SY  M E  590U  1-8 CREDITS

SP TOP CLEAN ENRGY  M E  590V  1-8 CREDITS

SP TOP DS&MFG INNOV  M E  590W  1-8 CREDITS

CREATIVE COMPONENT  M E  599  VAR. CREDITS

ADV TOP ENGR COMPUT  M E  6900  VAR. CREDITS

ADV TOP LIT INVESTIG  M E  690Q  VAR. CREDITS

ADV TOP BIOL&NANO SCI  M E  690T  VAR. CREDITS

MECHANICAL ENGINEERING (CONTINUED)

ADV TOP CPLX FLUID SY  M E  690U  VAR. CREDITS

ADV TOP DS&MFG INNOV  M E  690W  VAR. CREDITS

ENGINEERING INTERNSHIP  M E  697  R CREDIT
Prereq: PERMISSION OF DIRECTOR OF GRADUATE EDUCATION, GRAD CLASSIFICATION

8151005  ARRANGED
MEETS: MAY 18-AUG 7

RESEARCH  M E  699  VAR. CREDITS

Note: SEE DEPT FOR REFERENCE NUMBERS

METEROLOGY

COOPERATIVE EDUCATION  MTEOR 290  R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION

4813005  ARRANGED
MEETS: MAY 18-AUG 7

MeteoroI Interests  MTEOR 321  1-2 CREDITS
Prereq: MTEOR 311; JR OR SR STANDING; PERMISSION OF COOP PROGRM COORD; ACCEPTANCE BY SPONSORING AGENCY

5381005  ARRANGED
MEETS: MAY 18-AUG 7

COOPERATIVE EDUCATION  MTEOR 398  R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION

4823005  ARRANGED
MEETS: MAY 18-AUG 7

SURV REMOTE SNS TEC  MTEOR 489X  3 CREDITS

6470800  GB ARRANGED
AANSTOOS J
MEETS: MAY 18-JUNE5
Note: SBC GB TAUGHT IN UK: UNIVERSITY OF SURBURY; GUILDFORD SURBURY. SURBURY SATELLITE IMAGING OF THE EARTH. STUDY ABROAD SUMMER 2015
Study Abroad Administrative Fee Applies

IND STUDY SYNOPTIC  MTEOR 490A  1-3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION

8424005  ARRANGED
MEETS: MAY 18-AUG 7

IND DEEP STUDY DYNAMIC  MTEOR 490B  1-3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION

8425005  ARRANGED
MEETS: MAY 18-AUG 7

IND STUDY PHYSICAL  MTEOR 490C  1-3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION

8426005  ARRANGED
MEETS: MAY 18-AUG 7

IND STUDY INSTRUMENTN  MTEOR 490D  1-3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION

1010005  ARRANGED
MEETS: MAY 18-AUG 7

IND STUDY HYDROLOGY  MTEOR 490E  1-3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION

8668005  ARRANGED
MEETS: MAY 18-AUG 7

IND STUDY CLIMATE/WTR  MTEOR 490F  1-3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION

3583005  ARRANGED
MEETS: MAY 18-AUG 7

COOPERATIVE EDUCATION  MTEOR 498  R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION

4824005  ARRANGED
MEETS: MAY 18-AUG 7
Note: Course delivery is WWW
MEETS: MAY 18–JUNE 6

6634800  GB ARRANGED  AANSTOOS J
Note: SEC GB TAUGHT IN UK: UNIVERSITY OF
SURRY; GUILDFORD SURRY. SURRY SATELLITE

SURV REMOTE SNS TEC  MTEOR 589X  3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
SCIENCE OR ENGINEERING

5406005  GB ARRANGED  M S 490
Note: Course delivery is WWW
MEETS: MAY 18–JUNE 6

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<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC 119A</td>
<td>Music Voice</td>
<td>1-3</td>
<td>Prereq: Audition, Instructor permission required 1st week.</td>
</tr>
<tr>
<td>MUSIC 119B</td>
<td>Music Voice</td>
<td>1-3</td>
<td>Prereq: Audition, Instructor permission required 1st week.</td>
</tr>
<tr>
<td>MUSIC 119C</td>
<td>Music Voice</td>
<td>1-3</td>
<td>Prereq: Audition, Instructor permission required 1st week.</td>
</tr>
<tr>
<td>MUSIC 119D</td>
<td>Music Voice</td>
<td>1-3</td>
<td>Prereq: Audition, Instructor permission required 1st week.</td>
</tr>
<tr>
<td>MUSIC 119E</td>
<td>Music Voice</td>
<td>1-3</td>
<td>Prereq: Audition, Instructor permission required 1st week.</td>
</tr>
<tr>
<td>MUSIC 119F</td>
<td>Music Voice</td>
<td>1-3</td>
<td>Prereq: Audition, Instructor permission required 1st week.</td>
</tr>
<tr>
<td>MUSIC 119G</td>
<td>Music Voice</td>
<td>1-3</td>
<td>Prereq: Audition, Instructor permission required 1st week.</td>
</tr>
<tr>
<td>MUSIC 119H</td>
<td>Music Voice</td>
<td>1-3</td>
<td>Prereq: Audition, Instructor permission required 1st week.</td>
</tr>
<tr>
<td>MUSIC 290A</td>
<td>Special Prob. Literature</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290B</td>
<td>Special Prob. Theory</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290C</td>
<td>Music Apps. Composition</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290D</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290E</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290F</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290G</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290H</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290I</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290J</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290K</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290L</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290M</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290N</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290O</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290P</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
</tr>
<tr>
<td>MUSIC 290Q</td>
<td>Special Prob. Music</td>
<td>Var.</td>
<td>Prereq: Permission of Instructor; 12 credits in Music, Approval of Department Chair.</td>
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**NATURAL RESOURCE ECOLOGY AND MGMT**

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**UNDERGRAD INTERNSHIP**

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**INTERNATIONAL TRAVEL**

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AQUATIC ECOLOGY     NREM  508I   4 CREDITS
Prereq: COURSES IN ECOLOGY, CHEMISTRY, & PHYSICS
Note: Tuition Category: Iowa Lakeside Lab
http://www.continuetolearn.uiowa.edu/lakesidelab
3861005     MTWRF 8:00-3:00
Note: Tuition Category: Iowa Lakeside Lab
SPL TOPICS 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- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2015
2606005     ARRANGED
MEETS: MAY 18-AUG 7
Note: Materials, field trips $40.00
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   4 CREDITS
*********  SEE DEPT FOR REFERENCE NUMBERS
RESEARCH     NREM  699   1-12 CREDITS
Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2015
*********  SEE DEPT FOR REFERENCE NUMBERS
PHYSICS
PHILOSOPHY OF LAW     PHIL  332   3 CREDITS
Prereq: PHIL 201 OR PHIL 230
5836005     MTWRF 8:40-10:40
MEETS: MAY 18-JUNE 12
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
INDEPENDENT STUDY HONORS     PHIL  490H   1- 4 CREDITS
Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTRUCTOR; 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
GRADUATING SR SURVEY     PHIL  492   1 CREDIT
8903005     MTWR 8:00-5:00
MEETS: JUNE 15-18
Note: Tuition Category: Workshop
SPL TOPC HISTORY P     PHIL  590A   2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5851005     ARRANGED
MEETS: MAY 18-AUG 7
SPL TOP VALUE THRY     PHIL  590B   2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5851005     ARRANGED
MEETS: MAY 18-AUG 7
SPL TOP LOGIC&P SCI     PHIL  590C   2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5851005     ARRANGED
MEETS: MAY 18-AUG 7
SPL TOPIC LOGIC&P SCI     PHIL  590D   2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5851005     ARRANGED
MEETS: MAY 18-AUG 7
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 2015 REGISTERS FOR 111 FOR SUMMER 2015 BEFORE SPRING 2015 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM THE STUDENT'S SCHEDULE
5857005     1
MTWR 12:10-1:10
MN 7:30-9:40
MEETS: JUNE 15-JUNE 18
Note: Materials and professional support fee $90.00
5857010     2
MTWR 12:10-1:10
MN 7:30-9:40
MEETS: JUNE 15-JUNE 18
Note: Materials and professional support fee $90.00
5857015     3
MTWR 12:10-1:10
MN 7:30-9:40
MEETS: JUNE 15-JUNE 18
Note: Materials and professional support fee $90.00
GENERAL PHYSICS     PHYS  112   5 CREDITS
Prereq: PHYS 111
Note: IF A STUDENT ENROLLED IN 112 FOR SPRING 2015 REGISTERS FOR 112 FOR SUMMER 2015 BEFORE SPRING 2015 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM THE STUDENT'S SCHEDULE
5858005     1
MTWR 12:10-2:20
TR 9:30-10:50
MN 7:30-12:00
MEETS: JUNE 15-JUNE 18
Note: Materials and professional support fee $90.00
5858010     2
MTWR 12:10-2:20
TR 9:30-10:50
MN 7:30-12:00
MEETS: JUNE 15-JUNE 18
Note: Materials and professional support fee $90.00
PHYSICS (CONTINUED)

INTR CLASS PHYS I PHYS 221 5 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 166
Note: IF A STUDENT ENROLLED IN 221 FOR SPRING 2015
REGISTERS FOR 221 FOR SUMMER 2015 BEFORE SPRING 2015
ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM
THE STUDENT'S SCHEDULE
5861005 1 MTWRF 9:50-10:50
MEETS: JUNE 15-AUG 7
Note: Materials and professional support fee $90.00
5861010 2 MTWRF 9:50-10:50
Note: Materials and professional support fee $90.00
5861015 3 MTWRF 9:50-10:50
TR 12:10-2:10
MEETS: JUNE 15-AUG 7
Note: Materials and professional support fee $90.00

INTR CLASS PHYS II PHYS 222 5 CREDITS
Prereq: PHYS 221 OR PHYS 241, MATH 166
Note: IF A STUDENT ENROLLED IN 222 FOR SPRING 2015
REGISTERS FOR 222 FOR SUMMER 2015 BEFORE SPRING 2015
ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM
THE STUDENT'S SCHEDULE
5863005 1 MTWRF 11:00-12:00
MEETS: JUNE 15-AUG 7
Note: Materials and professional support fee $90.00
5863010 2 MTWRF 11:00-12:00
Note: Materials and professional support fee $90.00

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 MTWRF 9:00-9:00
MEETS: JUNE 15-JULY 2

SEM SEC SCHOOL PHYS PHYS 399 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5886005 1 ARRANGED
MEETS: JUNE 15-AUG 7

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, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
APPLIED TOWARD GRADUATION
******SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHYS 490H 1-4 CREDITS
Prereq: 6 CREDITS IN PHYS, PERMISSION OF INSTRUCTOR
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

COOPERATIVE EDUCAT PHYS 498 1-4 CREDITS
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR AND INSTRUCTOR CLASSIFICATION
4746005 ARRANGED
MEETS: MAY 18-AUG 7

CREATIVE COMPONENT PHYS 599 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PHYS 699 1-3 CREDITS
******SEE DEPT FOR REFERENCE NUMBERS

PLANT PATHOLOGY

INDEP STUPLT 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 490A 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 490H MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION. COURSE RESTRICTED TO HONORS PROGRAM
STUDENTS ONLY.
3155005 ARRANGED
MEETS: MAY 18-AUG 7

PLANT NEMATOLOGY PL P 574 2 CREDITS
Prereq: PL P 408 OR PL P 418
Note: CREDIT IN EITHER PL P 574 OR THE PL P 575 AND
575X PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED
TOWARD GRADUATION.
5951005 MW 9:00-10:45
MEETS: MAY 18-JULY 10
5951010 W ARRANGED
MEETS: MAY 18-JULY 10
Note: Course delivery is WWW

LAB TCQR PLT NEMATO PL P 574L 1 CREDIT
Prereq: 8 CR BIOLOGICAL SCI, INCLUDING BIOL 211
OR EQUIV. COURSES, ENROLLMENT IN PL P 574 REQUIRED.
1393005 TR 9:00-11:40
MEETS: MAY 18-JULY 10

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

THESES&DISS RESEARCH PL P 699 VAR. CREDITS
******SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

SPL TOP CMPTV POLIT POL S 314 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: USE OF POL S 312,313,314,315 IN POL S MAJOR
AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRAD STUDIES SECTION OF CATALOG FOR DETAILS.
8812003 1 MTWRF 9:50-12:05
MEETS: MAY 18-29
8812010 2 MTWRF 9:50-11:50
MEETS: JUNE 1-12

DMRCY&DVRSTY IN US POL S 333 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity regmt.
6471005 MTWRF 9:50-11:50
MEETS: JUNE 15-JULY 10

ENVIRN POLIT&POLICI POL S 383 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
6010010 A MTWRF 8:40-10:00
MEETS: MAY 18-JUNE 26

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

INT'L STUDY &TRAVEL POL S 397X VAR. CREDITS
Prereq: Meets international perspectives regmt.
9856800 CA ARRANGED MCCORMICK J
MEETS: MAY 19-JUNE 5
Note: SEC CA TAUGHT IN CANADA: OTTAWA, ONTARIO. CANAD
IAN POLITICS & FOREIGN POLICY. STUDY ABROAD SUMMER
2015. OFFERED FOR 3 CREDITS
Study Abroad Administrative Fee Applies

IND STUDY AMER GOVT POL S 490A VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490A 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.
******SEE DEPT FOR REFERENCE NUMBERS

IND STUDY TTHR &METH POL S 490B VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490B MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490B 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)

INDST 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

INDST INT'L RELA POL  POL S 490E  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

INDST EXT CREDIT POL  POL S 490E  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

INDST CATT CNTR POL  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  POL S 490H  VAR.  CREDITS
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROC
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

COOPERATIVE EDUCAT POL  POL S 498  R CREDIT
Prereq: PERMISSION OF INSTRUCT COOP EDUCATION COORDINATOR; SENIOR CLASSIFICATION
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

4568021 JC ARRANGED
MEETS: MAY 18-AUG 7

POL SCI INTERNSHIP POL  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 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  POL S 590A  2- 5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PUBLIC LAW POL  POL S 590B  2- 5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLIT THEORY POL  POL S 590C  2- 5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPAR GOVT POL  POL S 590D  2- 5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE (CONTINUED)

SPL TOP INT'L RELAT POL  POL S 590E  2- 5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP PUB POL&ADM POL  POL S 590G  2- 5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPLC TOP INTERNSHIP POL  POL S 590I  2- 5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP POL  POL S 598  3- 6 CREDITS
Note: Instructor permission required 1st week.
Arranged
MEETS: MAY 18-AUG 7

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

SEM PUB ADMIN&POLICY POL  POL S 610G  3 CREDITS
Prereq: 15 CREDITS IN POLITICAL SCIENCE
Note: Instructor permission required 1st week.
6059005 1 MTWRF 1:20-3:20
MEETS: JUNE 15-JULY 10

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

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101  3 CREDITS
6069005  A MTWRF 8:40-9:40
MEETS: MAY 18-JULY 10
6069010  B MTWRF 8:40-9:40
MEETS: JUNE 15-AUG 7

ACAD LEARNNG SKILLS PSYCH 131  1 CREDIT
Satisfactory-Fail Only.
6071005  A MTWRF 1:10-2:00, ARRANGED
Note: SECTION A FOR APEX PROGRAM STUDENTS ONLY
6071010  B MTWRF 1:10-2:00, ARRANGED
Note: SECTION B FOR APEX PROGRAM STUDENTS ONLY
6071015  C TR 2:10-3:00, ARRANGED
Note: SECTION C FOR APEX PROGRAM STUDENTS ONLY

INTRO RESRCH EXPRNC PSYCH 291  1- 4 CREDITS
Prereq: PSYCH 101, SOPHOMORE CLASSIFICATION,
INSTRUCTOR PERMISSION
Satisfactory-Fail Only.

RES DSGN & METHODOL PSYCH 301  3 CREDITS
Prereq: STAT 201 1 COURSE IN PSYCHOLOGY
Note: COURSE RESTRICTED TO PSYCH MAJORS. MINORS ARE ELIGIBLE TO RED TOPIC ONLY, BUT MUST GET AN ADD SLIP SIGNED IN W022 LAGOMARCINO HALL.
6076005  A MTWRF 1:20-3:20
MEETS: MAY 18-JUNE 12

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 15-AUG 7

BRAIN & BEHAVIOR PSYCH 310  3 CREDITS
Prereq: PSYCH 101
1515005  A MTWRF 12:10-1:10
MEETS: JUNE 15-AUG 7

MOTIVATION PSYCH 314  3 CREDITS
Prereq: PSYCH 101
6081005  B MTWRF 12:10-1:10
MEETS: MAY 18-JULY 10

DRUGS & BEHAVIOR PSYCH 315  3 CREDITS
Prereq: PSYCH 101
6082005  MTWRF 11:00-12:00
MEETS: MAY 18-JULY 10
PUBLIC RELATIONS

STRATEG PLAN AD&P.R  P R  301  3 CREDITS
Prereq: ADVT 230 OR JL MC 220; SOPHOMORE
CLASSIFICATION
6910003  1A  MTWRF  1:20-2:20
MEETS: JUNE 15-AUG 7
Note: SECTION 1A RESTRICTED TO ADVT, JL MC, P R MAJORS
6910010  1B  MTWRF  1:20-2:20
MEETS: JUNE 15-AUG 7
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN ADVT, JL MC, P R

RELIGIOUS STUDIES

INTRO WRLD RELIGION RELIG 205  3 CREDITS
Note: Meets international perspectives reqmt
6109005  A  MTWRF  9:50-11:50
MEETS: MAY 18-JUNE 12
6109010  B  MTWRF  9:50-11:50
MEETS: JUNE 15-JULY 10

RELIGION IN AMERICA RELIG 210  3 CREDITS
Note: Meets U.S. diversity reqmt
6188005  A  MTWRF  11:00-1:00
MEETS: MAY 18-JUNE 12

INDEPENDENT STUDY RELIG 490  1- 3 CREDITS
Prereq: 6 CR IN RELIG STUDIES; PERMISSION OF INSTRUCTOR
Instructor permission required 1st week.
******  SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS RELIG 490H  1- 3 CREDITS
Prereq: 6 CR IN RELIG, 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

SPL TOP RELIG STUDI RELIG 590  1- 3 CREDITS
Note: NO MORE THAN 9 CREDITS IN RELIG 490 MAY BE APPLIED TOWARD GRADUATION
Note: NO MORE THAN 3 CREDITS IN RUS 499 MAY BE APPLIED TOWARD GRADUATION
Note: Membership in University Honors Program, approval of professor in charge of program, membership in university honors program, department permission required.
******  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
Permitted by department chair required.
******  SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN INTERNSHIP RUS 499  1- 3 CREDITS
Prereq: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
Note: NO MORE THAN 3 CREDITS IN RUS 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR
Department permission required.
Satisfactory-Fail Only.
******  SEE DEPT FOR REFERENCE NUMBERS

SOCIOLOGY

INTRO TO SOCIOLOGY SOC 134  3 CREDITS
Note: Credit for Either SOC 130 or SOC 134, but not both, may be applied toward graduation
6346005  A  MTWRF  9:50-11:50
MEETS: JUNE 15-JULY 10
SOCIETY

SOC PSYCH:SOC PSERP SOC 305 3 CREDITS
Prereq: SOC 134
6355005 A MTWRF 8:40-10:40
MEETS: JUNE 15-JULY 10
SEX&GENDER IN SOCIE SOC 327 3 CREDITS
Prereq: SOC 134
Note: Meets U.S. diversity reqmt
6356005 A MTWRF 12:10-2:10
MEETS: MAY 18-JUNE 12
CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS
Prereq: JCR/JK CLASSICATCN; PERMISSION OF THE CJ ST COORDINATOR; MAJOR OR MINOR IN SOC, OR CJS ST MINOR
Note: NO MORE THAN 12 CREDITS MAY APPLY TO MATRIC; NO CREDITS IN SOC 460 MAY BE APPLIED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
Satisfactory-Fail Only.
6370005 A ARRANGED
MEETS: MAY 18-AUG 7
INDEP STUDY GEN SOC SOCI 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.
Satisfactory-Fail Only.
6360005 A MTWRF 8:40-10:40
MEETS: MAY 18-JUNE 12
INDEP STUDY GEN SOC SOC 490B 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.
Satisfactory-Fail Only.
6363005 A MTWRF 12:10-2:10
MEETS: MAY 18-JUNE 12
INDEP STUDY GEN SOC SOC 490C 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.
Satisfactory-Fail Only.
6366005 A MTWRF 8:40-10:40
MEETS: MAY 18-JUNE 12

SOFTWARE ENGINEERING

SPECIAL EDUCATION

INDEPENDENT STUDY S E 490 1-5 CREDITS
Prereq: 12 CR IN ED, PERMISSION OF DEPT CHAIR
INDEPENDENT STUDEY S E 490 1-5 CREDITS
Prereq: 12 CR IN ED, PERMISSION OF DEPT CHAIR

SPANISH

ELESPORT SPANISH I SPAN 101 4 CREDITS
6473005 1 MTWRF 8:40-11:40
MEETS: MAY 18-JUNE 12
Note: Materials and equipment use fee $25.00
6473010 2 MTWRF 12:10-3:10
MEETS: MAY 18-JUNE 12
Note: Materials and equipment use fee $25.00

INDEP STUDY SPANISH I SPAN 101 1-10 CREDITS
Prereq: 2 YRS UNIV-LEVEL SPANISH OR EQUIVALENT
Note: Meets international perspectives reqmt
6474005 1 MTWRF 8:40-11:40
MEETS: MAY 18-JUNE 12
Note: Materials and equipment use fee $25.00

STUDY ABROAD SPANISH 395 1-10 CREDITS
Prereq: 2 YRS UNIV-LEVEL SPANISH OR EQUIVALENT
Note: Meets international perspectives reqmt
6489025 RG ARRANGED
MEETS: MAY 26-JULY 16
Note: SECTION RG IS REGENTS STUDY ABROAD IN PERU.
OFFERED FOR 3 CREDITS.
6489030 R2 ARRANGED
MEETS: MAY 26-JULY 16
Note: SECTION R2 IS REGENTS STUDY ABROAD IN PERU.
OFFERED FOR 3 CREDITS.

SPANISH INTERNSHIP SPAN 499 1-3 CREDITS
Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2015.
NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR.
Satisfactory-Fail Only.
6489050 AN ARRANGED
MEETS: MAY 18-AUG 7
Note: Instructor permission required.
SPEECH COMMUNICATION

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
8643010 1 MTWRF 7:30-9:40
Note: ON MAY 18 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS AND 10 MINUTES EACH DAY.

8643015 2 MTWRF 9:50-12:00
Note: ON MAY 18 ATTEND ONLY THE LECTURE, LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE.

8643020 3 MTWRF 9:50-12:00
Note: ON MAY 18 ATTEND ONLY THE LECTURE, LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE.

8643025 4 MTWRF 9:50-12:00
Note: ON MAY 18 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY.

8643030 5 MTWRF 12:10-2:20
Note: ON MAY 18 ATTEND ONLY THE LECTURE, LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE.

8643035 6 MTWRF 12:10-2:20
Note: ON MAY 18 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY.

8643040 7 MTWRF 9:50-12:00
Note: ON JUNE 15 ATTEND ONLY THE LECTURE. LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE. SECTION 7 IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC 8.

8643045 8 MTWRF 9:50-12:00
Note: ON JUNE 15 ATTEND ONLY THE LECTURE. LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE. SECTION 8 IS A CROSS-CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS WITH SEC 7.

8643050 9 MTWRF 12:10-2:20
Note: ON JUNE 15 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY. SECTION 9 IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC 10.

8643055 10 MTWRF 12:10-2:20
Note: ON JUNE 15 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY. SECTION 10 IS A CROSS-CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS WITH SEC 9.

8643060 11 MTWRF 2:30-4:40
Note: ON JUNE 15 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY.
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN UNDERGRAD MAJORS.
MEETS: MAY 18-JUNE 12

1629010  A2 MTWRF 9:40-9:40
MEETS: MAY 18-JUNE 12

ENGINEERING STAT

1629010  A2 MTWRF 8:40-9:40
MEETS: MAY 18-JULY 10

INFORMATION SYSTEMS

Note: Instructor permission required 1st week.

INTR BUSINS ST T 326 3 CREDITS

Note: Credit for either STAT 301 or STAT 305, but not both, may be applied toward graduation.

STAT 305 3 CREDITS

Prereq: STAT 165 (or MATH 165H)
Note: Permission of department chair required.

SUPPLY CHAIN MANAGEMENT

Note: Section A2 restricted to colleges other than business.

INDEPENDENT STUDY

Note: Course not open to P BUS majors.
Department permission required.

DEAN'S CLASSIFICATION, INSTRUCTOR PERMISSION

SPECIAL TOPICS

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

LEADERSHIP & SOCIAL CHANGE

Note: See dept for reference numbers.

TECHNOLOGY & SOCIAL CHANGE

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

TECHNOLOGY SYSTEMS MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

SUSTAINABLE AGRICULTURE

Note: See dept for reference numbers.

SUSTAINABLE ENVIRONMENTS

Note: See dept for reference numbers.

SUPPLY CHAIN MANAGEMENT

Note: See dept for reference numbers.

SUPPLY CHAIN MGMT

Note: See dept for reference numbers.

INTR BUSINES STAT T 326 3 CREDITS

Prereq: MATH 150 OR MATH 165
Note: Credit for only one of the following may be applied toward graduation: STAT 226, STAT 104, STAT 105, STAT 201. Restricted to ACCT, BUS S, BUSAD, BUS S, BUS U, BUS E, EC ON, FIN, 1 BUS, LSCM, MGMT, MIS, MRT, O SCM, P BUS, SCM, AG B MAJORS ONLY.

3975005  A MTWRF 8:40-9:40
MEETS: MAY 18-JULY 10

3975010  B MTWRF 8:40-9:40
MEETS: MAY 18-JULY 10

DEACN'S CLASSIFICATION, INSTRUCTOR PERMISSION

SPECIAL TOPICS

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

LEADERSHIP & SOCIAL CHANGE

Note: See dept for reference numbers.

TECHNOLOGY SYSTEMS MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

SUSTAINABLE AGRICULTURE

Note: See dept for reference numbers.

SUSTAINABLE ENVIRONMENTS

Note: See dept for reference numbers.

SUPPLY CHAIN MANAGEMENT

Note: See dept for reference numbers.

SUPPLY CHAIN MGMT

Note: See dept for reference numbers.

INTR BUSINES STAT T 326 3 CREDITS

Prereq: MATH 165 (or MATH 165H)
Note: Credit for either STAT 301 or STAT 305, but not both, may be applied toward graduation.

STAT 305 3 CREDITS

Prereq: STAT 165 (or MATH 165H)
Note: Credit for either STAT 301 or STAT 305, but not both, may be applied toward graduation.

SUPPLY CHAIN MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

LEADERSHIP & SOCIAL CHANGE

Note: See dept for reference numbers.

TECHNOLOGY SYSTEMS MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

SUSTAINABLE AGRICULTURE

Note: See dept for reference numbers.

SUSTAINABLE ENVIRONMENTS

Note: See dept for reference numbers.

SUPPLY CHAIN MANAGEMENT

Note: See dept for reference numbers.

SUPPLY CHAIN MGMT

Note: See dept for reference numbers.

INTR BUSINES STAT T 326 3 CREDITS

Prereq: MATH 165 (or MATH 165H)
Note: Credit for either STAT 301 or STAT 305, but not both, may be applied toward graduation.

STAT 305 3 CREDITS

Prereq: STAT 165 (or MATH 165H)
Note: Credit for either STAT 301 or STAT 305, but not both, may be applied toward graduation.

SUPPLY CHAIN MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

LEADERSHIP & SOCIAL CHANGE

Note: See dept for reference numbers.

TECHNOLOGY SYSTEMS MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

SUSTAINABLE AGRICULTURE

Note: See dept for reference numbers.

SUSTAINABLE ENVIRONMENTS

Note: See dept for reference numbers.

SUPPLY CHAIN MANAGEMENT

Note: See dept for reference numbers.

SUPPLY CHAIN MGMT

Note: See dept for reference numbers.

INTR BUSINES STAT T 326 3 CREDITS

Prereq: MATH 165 (or MATH 165H)
Note: Credit for either STAT 301 or STAT 305, but not both, may be applied toward graduation.

STAT 305 3 CREDITS

Prereq: STAT 165 (or MATH 165H)
Note: Credit for either STAT 301 or STAT 305, but not both, may be applied toward graduation.

SUPPLY CHAIN MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

LEADERSHIP & SOCIAL CHANGE

Note: See dept for reference numbers.

TECHNOLOGY SYSTEMS MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

SUSTAINABLE AGRICULTURE

Note: See dept for reference numbers.

SUSTAINABLE ENVIRONMENTS

Note: See dept for reference numbers.

SUPPLY CHAIN MANAGEMENT

Note: See dept for reference numbers.

SUPPLY CHAIN MGMT

Note: See dept for reference numbers.

INTR BUSINES STAT T 326 3 CREDITS

Prereq: MATH 165 (or MATH 165H)
Note: Credit for either STAT 301 or STAT 305, but not both, may be applied toward graduation.

STAT 305 3 CREDITS

Prereq: STAT 165 (or MATH 165H)
Note: Credit for either STAT 301 or STAT 305, but not both, may be applied toward graduation.

SUPPLY CHAIN MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

LEADERSHIP & SOCIAL CHANGE

Note: See dept for reference numbers.

TECHNOLOGY SYSTEMS MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

SUSTAINABLE AGRICULTURE

Note: See dept for reference numbers.

SUSTAINABLE ENVIRONMENTS

Note: See dept for reference numbers.

SUPPLY CHAIN MANAGEMENT

Note: See dept for reference numbers.

SUPPLY CHAIN MGMT

Note: See dept for reference numbers.

INTR BUSINES STAT T 326 3 CREDITS

Prereq: MATH 165 (or MATH 165H)
Note: Credit for either STAT 301 or STAT 305, but not both, may be applied toward graduation.

STAT 305 3 CREDITS

Prereq: STAT 165 (or MATH 165H)
Note: Credit for either STAT 301 or STAT 305, but not both, may be applied toward graduation.

SUPPLY CHAIN MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

LEADERSHIP & SOCIAL CHANGE

Note: See dept for reference numbers.

TECHNOLOGY SYSTEMS MANAGEMENT

Note: See dept for reference numbers.

INDEPENDENT STUDY

Note: See dept for reference numbers.

SUSTAINABLE AGRICULTURE

Note: See dept for reference numbers.

SUSTAINABLE ENVIRONMENTS

Note: See dept for reference numbers.
TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

IND STU MANUFACTR TSM 490I 1-4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION, 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 REQUIRED FOR GRADUATION. Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOSYS MGT TSM 490J 1-4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION, 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 REQUIRED FOR GRADUATION. Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU MACHIN SYS TSM 490M 1-4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION, 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 REQUIRED FOR GRADUATION. Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU OCCUP SAFET TSM 490O 1-4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION, 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 REQUIRED FOR GRADUATION. Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

WKSHP OCCUPA SAFETY TSM 493D 1-4 CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

TEC TRAVEL&PRE&POST TSM 496D 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meetings 9-30
9387800 PL ARRANGED
KOZIEL J
MEETS: MAY 9-30
Note: Sec FL Taught in Poland. Travel course to Poland-Summer 2017. Study Abroad Administrative Fee Applies

SPL TP AG&BIOSYS MGT TSM 509A 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 509B 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 MANUFACTR TSM 509C 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 509D 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 ARRANGED
MEETS: MAY 18-AUG 7
CREATIVE COMPONENT TSM 599 1-3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

CURRIC DEV TEC & ENGR TSM 657 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
4588005 ARRANGED
MEETS: MAY 18-AUG 7

TECHNOLOGY INTERNSHIP TSM 697 R CREDIT
Prereq: PERMISSION OF MAJOR PROFESSOR AND APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION Satisfactory-Fail Only.
4646005 ARRANGED
MEETS: MAY 18-AUG 7

DOCTORAL TECH COMM TSM 698 1 CREDIT
Satisfactory-Fail Only.
1926005 ARRANGED
MEETS: MAY 18-AUG 7

THEATRE

INTR PERFORMNG ARTS THTRE 504 1 CREDIT
7126005 1 ARRANGED
MEETS: MAY 18-AUG 7

CLIN & DIAGNOS TOXIC THTRE 546 1-3 CREDITS
1231005 ARRANGED
MEETS: MAY 18-AUG 7

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

CREATIVE COMPONENT TRANS 599 1-3 CREDITS
4160005 ARRANGED
MEETS: MAY 18-AUG 7

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

INDEPENDENT STUDY U ST 490 VAR. CREDITS
Prereq: PERMISSION OF THE ASSOCIATE PROFESSOR OR INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL REQUIRED. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
******* SEE DEPT FOR REFERENCE NUMBERS

FOUNDATION URBAN STUDIES

FUONDRS URBAN STUDIES URB 521 3 CREDITS
4020005 MTRF 8:40-12:30
MEETS: JUNE 15-JULY 2

WKSHP URBAN STUDIES URB D 531 3 CREDITS
Prereq: GRADUATE STANDING, OR SENIOR CLASSIFICATION WITH INSTRUCTOR PERMISSION
4110005 MTRF 8:40-12:30
MEETS: JULY 6-21

Urb Canyon 10

1ST SS 2015
PRECP: PROD AN:GOVT  VDPAM 420C  1- 6 CREDITS
Prereq: CLASSIFICATION AS A FOURTH YEAR STUDENT IN VETERINARY MEDICINE
5210005  ARRANGED

GPVEC: PRENQNCY EXAM  VDPAM 421F  1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4427005  1 ARRANGED

BEEF CATTLE CALVING  VDPAM 422  2 CREDITS
CLIN EMBRYO TRANSFR  VDPAM 451  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
3595005  MTWRF 8:00-5:00

FD AN&CAM FIELD SRV  VDPAM 476  2 CREDITS
Prereq: VDPAM 310; FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE
8725005  MTRF 8:00-12:00

ANIM WELFARE CLINIC  VDPAM 465X  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
3595005  MTWRF 8:00-5:00

SWINE PRODUCT NM  VDPAM 480  2 CREDITS
Prereq: VDPAM 310 OR PERMISSION OF INSTRUCTOR
5572005  ARRANGED

BF PROD MED PRECPRTR  VDPAM 482  1- 6 CREDITS
Prereq: VDPAM 310 AND PERMISSION OF INSTRUCTOR;
ABILITY TO PROVIDE TRANSPORTATION TO EACH SITE
4331005  ARRANGED

DAIRY PRODUCTNM  VDPAM 484  2 CREDITS
Prereq: VDPAM 310; FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE
5609005  MTRF 8:00-12:00

YELLOWSTONE CLINIC  VDPAM 490  1- 5 CREDITS
Prereq: ADMISSION TO GRADUATE COLLEGE; PROGRAM
8040005  MTRF 8:00-12:00

INDEPENDENT STUDY  VDPAM 490  1- 5 CREDITS
Prereq: PERMISSION OF DEPARTMENT CHAIR
Note: Instructor permission required. Process
5431005  ARRANGED

PRECEPTOR COMPAN/EQ  VDPAM 419  2- 6 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE
9072005  ARRANGED

CLINICAL NEUROLOGY  V C S 446  2 CREDITS
Prereq: ADMISSION TO GRADUATE COLLEGE
Note: COURSE ONLYoffered for 2 CREDITS SUMMER 2015
5431005  MTWRF 8:00-5:00
VETERINARY CLINICAL SCIENCES (CONTINUED)

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4050005 MTWRF 8:00-5:00
Note: Field trips & travel fee $225.00

SM AN OVERPOP D.M. V C S 459B 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4107010 MTWRF 8:00-5:00
Note: Field trips & travel fee $225.00

SM AN OVERPOP K.C. V C S 459C 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4313015 ARRANGED
Note: Field trips & travel fee $225.00

RADIOLOGY V C S 460 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6986005 MTWRF 8:00-5:00

PRIMARY CARE V C S 463 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
2322005 MTWRF 8:00-5:00

EQUINE FIELD SERVIC V C S 464 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4247005 MTWRF 8:00-5:00

FARRIER V C S 465 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
457, 458
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
7756005 MTWRF 8:00-5:00

VET ANESTHESIOLOGY V C S 466 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6985005 MTWRF 8:00-5:00

INTENSIVE CARE V C S 468 4 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6900005 ARRANGED

OPHTHALMOLOGY V C S 469 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
71001005 MTWRF 8:00-5:00

RADIOLOGY V C S 470 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
460 RECOMMENDED
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 VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V ET MED
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2015
******* SEE DEPT FOR REFERENCE NUMBERS

SM AN REPRODUCTN V C S 471S VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2015
******* SEE DEPT FOR REFERENCE NUMBERS

SM ANIM SURG ORTHO V C S 473O 1 CREDIT
******* SEE DEPT FOR REFERENCE NUMBERS

SM ANIM SURG ORTHO V C S 473S 1 CREDIT
******* SEE DEPT FOR REFERENCE NUMBERS

VET CARDIOLOGY ROTAT V C S 475 1-2 CREDITS
Prereq: FOURTH YEAR CLASSIFICATION IN V MED
Note: Department permission required.
9128005 MTWRF 8:00-5:00

EQUINE ANESTHESIOLOGY V C S 476E 1-2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Permission of instructor required. Process
approved add slip in 2270A Vet Med.
******* SEE DEPT FOR REFERENCE NUMBERS

SM ANIML ANESTHESIO V C S 476S 1-2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Permission of instructor required. Process
approved add slip in 2270A Vet Med.
******* SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES (CONTINUED)

INDEPENDENT STUDY V C S 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INT’L PRECEPTORSHIP V C S 496 1-12 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
Satisfactory-Fail Only.
6094005 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

SPCL TOPIC RADIOLGY V C S 590D 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOGY V C S 590E 1-3 CREDITS
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OPHTALMLGY 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
6920005 ARRANGED

VETERINARY MICROBIOLOGY & PREV MED

PUBLIC HEALTH LAB V MPM 486 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6951005 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 2015
Permission of instructor required. Process
approved add slip in 2270A Vet Med.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEDICINE V MPM 494 1-8 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ZOOLOGY 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
7307005 ARRANGED

MEETS: MAY 18-AUG 7

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 MTWRF 1:10-5:00
FALES-WILLIAMS A
Note: Materials and professional support fee $150.00

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 MTWRF 8:00-11:50
FLANAGHAN H
MEETS: MAY 18-AUG 7
7029005     ARRANGED               ACKERMANN M
Note: Instructor permission required.
Prereq: PERMISSION OF INSTRUCTOR
DIAG INTERP V PATH V PTH 606A R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7029005     ARRANGED               ACKERMANN M
MEETS: MAY 18-AUG 7

INT'L PRECEPTORSHIP V PTH 496 1-12 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
Satisfactory-Fail Only.
7843800 EC ARRANGED ANDREASEN C
MEETS: MAY 12-24
Note: SEC EC TAUGHT ON ECUADOR. VETERINARY MEDICINE IN ECUADOR, THE GALAPAGOS ISLANDS. STUDY ABROAD SUMMER 2015. OFFERED FOR 3 CREDITS.
TRAVEL MAY 22-24
Study Abroad Administrative Fee Applies
7843805 E1 ARRANGED ANDREASEN C
MEETS: AUG 4-16
Note: SEC E1 TAUGHT ON ECUADOR. VETERINARY MEDICINE IN ECUADOR, THE GALAPAGOS ISLANDS. STUDY ABROAD SUMMER 2015
Study Abroad Administrative Fee Applies
7843810 GT ARRANGED ANDREASEN C
MEETS: JUNE 2-16
Note: SEC GT TAUGHT IN GUATEMALA, PETEN. WILDLIFE REHABILITATION IN GUATEMALA. STUDY ABROAD SUMMER 2015
Study Abroad Administrative Fee Applies

DIAGN PARASITOL LAB V PTH 548 1-3 CREDITS
Prereq: 376 OR 576
9668005     ARRANGED               BREWER M
MEETS: MAY 18-AUG 7
CLIN PATHOLOGY LAB V PTH 549 1 CREDIT
Prereq: 457, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
7037005     ARRANGED               FLAHERTY H
MEETS: MAY 18-AUG 7
Note: Instructor permission required.
SURGICAL PATHOL LAB V PTH 550 1-3 CREDITS
Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
7479005     ARRANGED               HAYNES J
MEETS: MAY 18-AUG 7
POSTMORT PATHOL LAB V PTH 551 1-3 CREDITS
Prereq: 542, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
SPL TOPC VET PATHOL V PTH 590A 1-4 CREDITS
Prereq: 590B, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
*******     SEE DEPT FOR REFERENCE NUMBERS
SPL TOPC VET PARASIT V PTH 590B 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
*******     SEE DEPT FOR REFERENCE NUMBERS
SP TOP VET CLIN PTH V PTH 590D 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
*******     SEE DEPT FOR REFERENCE NUMBERS
SPECIAL TOPICS V PTH 590E 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
*******     SEE DEPT FOR REFERENCE NUMBERS
CRTV CMP VET PATHOL V PTH 599A VAR. CREDITS
*******     SEE DEPT FOR REFERENCE NUMBERS
CRTV CMP VET PARASIT 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 INTERP V PATH V PTH 606A R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7029005     ARRANGED               ACKERMANN M
MEETS: MAY 18-AUG 7

WOMEN'S STUDIES
GENDER & COMMUNIC TN W S 323 3 CREDITS
Note: Meets U.S. diversity reqmt
3533005 A MTWRF 9:50-12:00
MEETS: JUNE 15-JULY 10
SEX&GENDER IN SOCIE W S 327 3 CREDITS
Prereq: SOC 130 OR 134
7061005 A MTWRF 12:10-2:10
MEETS: MAY 18-JUNE 12
PSYCHOLOGY OF WOMEN W S 346 3 CREDITS
Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101
Note: Meets U.S. diversity reqmt
7064005 MTWRF 9:50-10:50
MEETS: MAY 18-JULY 10
HIST OF AMER WOMEN W S 386 3 CREDITS
Note: Meets U.S. diversity reqmt
7068005 MTWRF 9:50-11:50
MEETS: JUNE 15-JULY 10
INDEPENDENT STUDY W S 490 1-3 CREDITS
Prereq: ANY TWO COURSES IN W S
Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR
Department permission required.
*******     SEE DEPT FOR REFERENCE NUMBERS
SENIOR INTERNSHIP W S 491 3 CREDITS
Prereq: SENIOR CLASSIFICATION
*******     SEE DEPT FOR REFERENCE NUMBERS
SENIOR THESIS W S 499 3 CREDITS
Prereq: SENIOR CLASSIFICATION
*******     SEE DEPT FOR REFERENCE NUMBERS
SPECIAL TOPICS W S 590 VAR. CREDITS
Prereq: PERMISSION OF WOMEN'S STUDIES PROG DIRECTOR
Note: Department permission required 1st week.
*******     SEE DEPT FOR REFERENCE NUMBERS