

# Summer Session 2010

Session I	May 17 - July 19
Session II	June 14 - August 6
University Holidays	May 31 July 5

## Registration Start Dates for Summer 2010

Veterinary Medicine students:	Monday, March 22
Graduate students:	Monday, March 22 - Wednesday, March 24
All seniors:	Tuesday, March 23 - Monday, March 28
Projected juniors:	Tuesday, March 30 - Monday, April 5
Projected sophomores:	Tuesday, April 6 - Monday, April 12
Continuing freshmen:	Tuesday, April 13 - Wednesday, April 22

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

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# Key Dates, Deadlines, Information

## Class Registration on AccessPlus

Hours: 7 a.m.- 10 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 Registrar's Student Scheduling Office, 10 Enrollment Services Center, 294-2331.

## Fee Payment Deadlines

Fee payment deadlines for Summer 2010 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 2010, 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.

## Registration Start Dates for Summer 2010

Veterinary Medicine students:	Monday, March 22
Graduate students:	Monday, March 22 - Wednesday, March 24
All seniors:	Tuesday, March 23 - Monday, March 29
Projected juniors:	Tuesday, March 30 - Monday, April 5
Projected sophomores:	Tuesday, April 6 - Monday, April 12
Continuing freshmen:	Tuesday, April 13 - Wednesday, April 21

## Room Assignments

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

## Schedule Changes

You can drop summer session I courses using AccessPlus Registration through Friday, May 21. You can add summer session I courses using AccessPlus Registration through Wednesday, May 19. 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](mailto:answercenter@iastate.edu).

# University Calendar Summer 2010

May 16, Sun.	<ul style="list-style-type: none"> <li>• Last day to cancel registration for summer to avoid tuition assessment.</li> </ul>	June 21, Mon.	<ul style="list-style-type: none"> <li>• Last day to add/drop a course or withdraw without extenuating circumstances (Session I courses).</li> </ul>	
May 17, Mon.	<ul style="list-style-type: none"> <li>• Class work begins, Session I courses.</li> <li>• Fee payment deadline for summer semester. First payment (minimum due) or payment in full.</li> <li>• Last day to add a Session I course without instructor's signature.</li> <li>• Last day to process adds or section changes for a Session I course through AccessPlus registration.</li> <li>• Last day to process most schedule changes without a fee; or to add/drop a Session I course without signatures of instructor and adviser.</li> <li>• Last day to drop a Session I course without the drop appearing on the permanent record or counting toward the limit of dropped courses.</li> <li>• Last day to drop a Session I course through AccessPlus registration.</li> <li>• Last day to change a Session I course from Pass/Not Pass to grade without it counting toward total allowable P/NP credits used for graduation.</li> <li>• Last day to change a Session I course from audit to credit basis.</li> <li>• Last day to elect to audit a course for Summer Session I. The instructor of the course must approve an audit.</li> </ul>	June 21, Sun.	<ul style="list-style-type: none"> <li>• Last day to change a Session I course to or from Pass/Not Pass. Courses changed to graded basis after May 21 count toward the total allowable P/NP credits used for graduation.</li> </ul>	
May 19, Wed.		June 25, Fri.	<ul style="list-style-type: none"> <li>• Fee payment deadline for summer. Second payment (minimum due).</li> <li>• Last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee.</li> </ul>	
May 21, Fri.	<ul style="list-style-type: none"> <li>• University holiday—offices closed, classes recessed.</li> <li>• Summer Session I ends.</li> <li>• Graduate College: last day for final oral examinations.</li> <li>• Last day to add/drop a course or withdraw without extenuating circumstances (Session II courses).</li> <li>• Last day to change a Session II course to or from Pass/Not Pass. Courses changed to graded basis after June 18 count toward the total allowable P/NP credits used for graduation.</li> <li>• Last day to file a Designation of Repeated Course form for a summer course that is not an automatic designated repeat.</li> <li>• Fee payment deadline for summer semester. Final payment due.</li> <li>• Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation.</li> <li>• Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.</li> <li>• Graduate College: last day for final submission of graduate student graduation approval slip.</li> <li>• Room assignments for Fall 2010 courses displayed on-line.</li> <li>• University bills with Fall 2010 tuition and fees charges available on AccessPlus <a href="http://accessplus.iastate.edu">http://accessplus.iastate.edu</a>.</li> <li>• Summer Session II ends.</li> <li>• Final grades due in the Office of the Registrar</li> <li>• Grade reports available on AccessPlus.</li> </ul>	July 5, Mon.	<ul style="list-style-type: none"> <li>• University holiday—offices closed, classes recessed.</li> </ul>	
		July 9, Fri.		
		July 16, Fri.		
		July 19, Mon.		
		July 20, Tues.		
		July 22, Thurs.		
May 28, Fri.			July 23, Fri.	
May 31, Mon.			July 24, Sat.	
June 16, Mon.		<ul style="list-style-type: none"> <li>• Class work begins, Session II courses.</li> </ul>	Aug. 1, Sun..	
June 18, Wed.		<ul style="list-style-type: none"> <li>• Last day to add a Session II course without instructor's signature.</li> <li>• Last day to process adds or section changes for a Session II course through AccessPlus registration.</li> <li>• Last day to process a schedule change without a fee or to drop a Session II course without signatures of instructor and adviser.</li> <li>• Last day to drop a Session II course without the drop appearing on the permanent record or counting toward the limit of dropped courses.</li> <li>• Last day to drop a Session II course through AccessPlus registration.</li> <li>• Last day to change a Session II course from Pass/Not Pass to grade without it counting toward the total allowable P/NP credits used for graduation.</li> <li>• Last day to elect to audit a course for Summer Session II. The instructor of the course must approve an audit.</li> <li>• Last day to change a Session II course from audit to credit basis.</li> </ul>	Aug. 6, Fri.	
June 18, Fri.		Aug. 10, Tues.		
		Aug. 11, Wed.		

# Resources

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

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

## College Student Services Offices

Agriculture and Life Sciences ..... 23 Curtiss ..... 294-8653  
 Business ..... 1200 Gerdin ..... 294-8430  
 Design ..... 297 College of Design ..... 294-6983  
 Engineering ..... 110 Marston ..... 294-3900  
 Graduate College ..... 1137 Pearson ..... 294-4531  
 Human Sciences ..... 0131 MacKay ..... 294-6466  
 Liberal Arts and Sciences ..... 109 Carrie Chapman Catt Hall ..... 294-1522  
 Veterinary Medicine ..... 2540 Veterinary Medicine ..... 294-0772

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

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

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

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

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

Certifications ..... 214 Enrollment Services Center ..... 294-1840  
 Degree Audits ..... 210 Enrollment Services Center ..... 294-0802  
 Fees & Tuition ..... 0460 Beardshear ..... 294-1889  
 Graduation ..... 210 Enrollment Services Center ..... 294-9372  
 Registrar's Office Information ..... 214 Enrollment Services Center ..... 294-1840  
 Registration ..... 10 Enrollment Services Center ..... 294-2331  
 Residency Status for Fees & Admission 210 Enrollment Services Center ..... 294-3632  
 Schedule Changes ..... 10 Enrollment Services Center ..... 294-2331  
 Student Records ..... 214 Enrollment Services Center ..... 294-1843  
 Transcripts ..... 214 Enrollment Services Center ..... 294-1840  
 Veterans Certification ..... 214 Enrollment Services Center ..... 294-1840

## Registration Hold Contacts

Accounts Receivables Office ..... 0880 Beardshear ..... 294-7388  
 Admissions ..... 100 Enrollment Services Center ..... 294-5836  
 Dean of Students Office ..... 1010 Student Services Building ..... 294-1021  
 Graduate College ..... 1137 Pearson ..... 294-4531  
 International Students and Scholars ..... 3248 Memorial Union ..... 294-1120  
 Loans Receivable ..... 0880 Beardshear ..... 294-8747  
 Memorial Union ..... 214 Memorial Union ..... 294-0993  
 Multicultural Student Affairs ..... 2080 Student Services Building, ..... 294-6338  
 Registrar Student Scheduling ..... 10 Enrollment Services Center ..... 294-2331  
 Student Health ..... Thomas B. Thielen Student Health Center ..... 294-5801

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

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

## Voter Registration

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

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

# Admission

**New Students** Prospective students should contact the Office of Admissions for information concerning admission procedures. Refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2009-2011* catalog for specific requirements for admission. Applications are available through the Iowa State University home page, by clicking on “Apply” under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

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

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

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

**Reentering Students** 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](mailto:reentry@iastate.edu). Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work attempted to the Office of Admissions, 100 Enrollment Services Center.

Questions about the registration process, contact:

**Office of the Registrar’s Student Scheduling Office**  
10 Enrollment Services Center,  
515-294-2331

**College student services offices:**

**Agriculture and Life Sciences**  
23 Curtiss  
294-8653

**Business**  
1200 Gerdin  
294-8430

**Design**  
297 College of Design  
294-6983

**Engineering**  
110 Marston  
294-3900

**Graduate College**  
1137 Pearson  
294-4531

**Human Sciences**  
0131 MacKay  
294-6466

**Liberal Arts and Sciences**  
109 Carrie Chapman Catt Hall  
294-1522

**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: intlsvr@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, Tuition and Fees area, 0460 Beardshear Hall; 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

- Undergraduate and Nondegree Students* Non-international undergraduate and non-degree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, may contact the Office of the Registrar, 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, 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 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: intlsvr@iastate.edu.

# Registration

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

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

## To register, follow these steps:

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

## Initiating Registration

The last day to initiate a new registration for through AccessPlus registration or the Student Scheduling Office in 10 Enrollment Services Center for Summer 2010 is Sunday, May 16.

## Cancelling Registration

Notify the Office of the Registrar by 4 p.m. Friday, May 14, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m. Sunday, May 16, to avoid tuition assessment. For information and a cancellation form, go to the ISU index under Cancelling Registration.

## RAN

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

## Registration System Abuse

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

### AccessPlus Registration Tips

Hours for the system: Monday-Saturday, 7 a.m. - 10 p.m.

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



# Schedule of Classes

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

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

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

# Schedule Planner

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

The Class Schedule Planner allows you to plan your schedule using courses displayed in the Schedule of Classes at [www.iastate.edu](http://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

# ISU Alert

<http://isualert.iastate.edu/update.shtml>

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/>.

# 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 Student Scheduling 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 college dean of the student's college.

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

**Half-semester courses and partial term courses:** Specific deadlines for adding and dropping half-semester courses are published in the university calendar. Appropriate adjustments to add and drop deadlines are made for other partial term courses. To find out specific deadlines for partial term courses, go the ISU index under Schedule Changes, or contact the Registrar's Student Scheduling Office, 10 Enrollment Services Center, 294-2331.

### -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 2010 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 Schedule Per Semester

*In effect for Summer 2009. Subject to change without notice.*

Full Time Rates	Resident	Nonresident
Undergraduate (12 or more credits)	\$2,878	\$8,488
Business Juniors and Seniors (Includes \$250 differential tuition)	\$3,128	\$8,738
Engineering Juniors and Seniors	\$3,815	\$9,406
Graduate (9 or more credits)	\$3,358	\$8,908
Engineering Graduate:	\$3,869	\$9,414
Veterinary Medicine (12+ credits)	\$7,841	\$18,630

*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 [www.iastate.edu/~registrar/fees](http://www.iastate.edu/~registrar/fees).*

### Additional information:

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

**R credits:** assessed for the minimum fee only if no other credits are taken.

**Continuous registration fee for graduate students:** \$70.

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

**Saturday MBA/Des Moines MBA classes:** MBA students are assessed the graduate rate plus \$113 per credit supplemental tuition fee (supplemental tuition fee subject to change without notice).

**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.

## Fee Policies and Descriptions: 2009-2011

- **Des Moines MBA program** courses are assessed at the graduate rate in the current fee schedule plus a \$108 per credit supplemental tuition fee. Non-residents taking less than 4.5 credits are assessed at the resident rate.
- **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 - \$480
  - Chem 50 - \$350
  - Engl 99L - \$240
  - Engl 99R - \$160
  - Engl 99S - \$480
  - Frnch 97, Ger 97 and Span 97 - \$294
- **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.
- **Engineering Differential Tuition** – Juniors, seniors and graduate students enrolled in the College of Engineering will pay an additional tuition increment. for all credits including distance education credits.
- **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.
- **Saturday MBA program** courses are assessed at the graduate rate in the current fee schedule plus a \$113 per credit supplemental tuition fee. Fees are subject to change without notice.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is \$240 for undergraduate students and \$374 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.

## Deferred Billing

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

## Past Due Accounts

If payment of the minimum due is not made by the deadline printed on the billing statement, all fees become due immediately. A one-percent finance charge will be assessed on the total amount due at that time, and a "hold" will be placed on their registration until payment of the total

amount due has been made. If students have past due accounts receivable charges prior to the beginning of classes, they may be dropped from enrollment if these past due charges are not paid by the Friday before the first day of class. Students that are subject to being dropped will be notified via their Iowa State e-mail account.

## Cancelling Registration

A cancellation is processed when a student notifies the Office of the Registrar, 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. Friday, May 14; or drop all of your classes through AccessPlus by 10 p.m., Sunday, May 16.

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](http://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 day of class (Monday, May 17), 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 Iowa State University Undergraduate and Graduate Courses and Programs 2009-2011 catalog.

## Tuition Adjustment Schedule

*This tuition adjustment schedule is subject to change.*

Tuition adjustments for withdrawals of registration are based upon the following table for Summer 2010:

Withdrawal Date		Student Pays
Summer Session I	Summer Session II	
May 19	June 16	10%
May 21	June 18	25%
May 26	June 23	50%
May 28	June 25	75%
After May 28	After June 25	100%

The Tuition Adjustment Schedule will be pro-rated when courses shorter than a standard semester (79 days) are involved. See the Tuition Adjustment Schedule on the web for the most common session deadlines. Contact the Tuition and Fees area of the Office of the Registrar at 515-294-1883 or registrar@iastate.edu for questions or deadlines for courses offered during sessions that are not specifically listed on the Tuition Adjustment Schedule.

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

## Tuition Adjustment for Workshops and Short Courses

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

## 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, Building and Recreation Fee

The activity, services, building and recreation fee is a mandatory fee that supports a variety of activities and services for all full time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRide. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged \$226.35 each fall and spring semester, and all students will be charged \$113.75 for the summer semester.

Exemptions are granted for students exclusively registered for the following: distance education courses (courses with section 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 (both graduate and undergraduate) \$40 for students entering Summer 2010 or later. The international application fee for undergraduates is \$90 for international graduates entering Summer 2010 or later. This fee does not apply to special students or workshop applicants.

### Computer Fee

All students will be charged a computer fee each semester. Full-time graduate and undergraduate students enrolled in the College of 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 charged \$112 per semester. All other full-time undergraduate students will be charged the standard computer fee of \$115 per semester. Full-time graduate students will be assessed \$92. Graduate students with graduate assistant appointments will be assessed \$111.50 for those in the Engineering college and for those in the Computer Science department, \$65.00 for those in the Business college, and \$46.00 for all other majors, regardless of the number of credits in and the fraction of time they are on appointment. Students enrolled less than full-time are assessed prorated computer 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.

Computer fee adjustment 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 set fee assessment date, with no refunds after that date. The tuition adjustment schedule also applies to computer fees for students who withdraw. Students who change their major will be charged the applicable computer fee for the major into which they transfer if the change occurs before the set fee assessment date. If the change occurs after the set fee assessment date, then no change in the computer fee assessment will occur. Students who are double majors will be assessed the computer fee rate for the major having the higher rate.

### Graduation Fee

The \$40.00 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 \$4 health facility fee for Summer 2010, 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 mandatory 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 \$140 fee is assessed to all new degree-seeking students prior to admission. This fee does not apply to nondegree seeking students, veterinary medicine students, graduate students, or students enrolled exclusively in distance education courses.

### Special Course Fees

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

### 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

## 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, May 12. Students will be assessed a \$50 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.

Please notify the Office of the Registrar, 214 Enrollment Services Center, of any address changes. Contact the Registrar's Graduation Office, 210 Enrollment Services Center, (515)294-9372 or e-mail: [graduation@iastate.edu](mailto:graduation@iastate.edu).

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

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](mailto:graduation@iastate.edu).

## Teacher Licensure

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

## Graduate Students

Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may result in the removal of the students' name from the graduation list for Summer 2010.

- An "Application for Graduation" (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, May 8.
- Last day for graduate students to cancel graduation, by June 27. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.
- A Request for "Final Oral Examination" form should be obtained from the students department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Friday, July 18.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, July 22. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, July 24.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Friday, July 25. 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.

## Freshman Year Report to High Schools

Board of Regents, State of Iowa universities participate with Iowa high schools in an analysis of freshman year academic performance at the end of their freshman year.

A report of all ISU freshmen is sent to the respective high school principals. This report shows how you and their high school classmates perform in comparison to the entire ISU freshman class. For further information, contact the Office of the Registrar, 10A Enrollment Services Center.

## Full-Time/Half-Time Student Status

Full-time status is defined as follows:

Undergraduates: 12 credits for fall or spring semester;  
Graduates: 9 credits for fall or spring semester.

Half-time status is defined as follows:

Undergraduates: 6 credits for fall or spring semester;  
Graduates: 5 credits for fall or spring semester.

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

## Transcripts

An official transcript may be ordered through AccessPlus; the Office of the Registrar, 214 Enrollment Services Center, 515-294-1840; or by faxing a downloaded form available from the ISU index under Transcripts, How to Order. Transcripts will not be issued if the student has any transcript holds for financial delinquency. Students, attending ISU after 1996, may also view their unofficial transcript using the AccessPlus system.

## Grade Reports

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

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

P = Passing (under the Pass-Not Pass system)

NP = Non-passing (under the Pass-Not Pass system)

S = Satisfactory

T = Satisfactory performance (equivalent to a grade of C or better) in a special exam for academic credit

X = Course dropped by the student after the first week of the semester

N = No report submitted by the instructor

I = Incomplete

For more complete information about Iowa State University's grading system, please refer to the Academic Life section of the *Iowa State University Undergraduate and Graduate Courses and Programs 2009-2011* catalog.

## Repeated Courses

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

Approval to repeat a course in which the course number or number of credits has changed must be noted on a Designation of Repeated Course form. This form can be obtained from departmental offices and must be signed by the student's advisor and the head of the department offering the course. This form is also used if the course number or number of credits has changed from a previous catalog or if the course is being repeated to reduce a transfer deficiency. Process this form in the Office of the Registrar, 214 Enrollment Services Center.

For more information, please refer to the Academic Life section of the *Iowa State University Undergraduate and Graduate Courses and Programs 2007-2009* catalog.

## Veterans Educational Assistance

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

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

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

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

## Information Disclosure for Students

Iowa State University is required by law to make available to enrolled students, prospective students, and their parents certain information about the University. The information disclosure 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 Their Address on AccessPlus

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

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

From the WWW, go directly to the URL listed above or do the following from the ISU home page:

1. Go to ISU's home page at [www.iastate.edu](http://www.iastate.edu)
2. Choose Students
3. Choose AccessPlus
4. After logging in using their 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.

## Third Party Access

AccessPlus Third Party Access is an option 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 at <https://accessplus.iastate.edu/frontdoor/tpa-info.jsp>.

# 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](mailto:disabilityresources@iastate.edu), or online go to the ISU index under Disability Resources, Students.

## Identification Card (ISUCard)

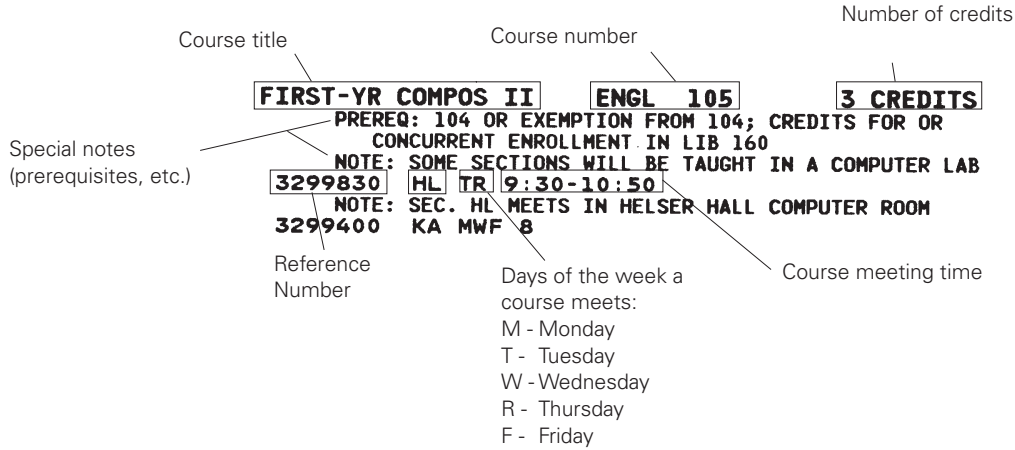
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where 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.

## Activity Cards for Spouses/Domestic Partners and Children

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 \$10 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.



## Auditing Courses

To audit a course means to enroll in the course without receiving credit for the course. The instructor of the course approves the audit request.

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

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

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

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

### Audit Deadlines

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

#### • Full semester courses:

Adding an audit—day 10 deadline:

- Through day 5 of classes: instructor approval required.
- Day 6-10: instructor, adviser approval required; schedule change fee applies.
- After day 10: only with extenuating circumstances, instructor, adviser, college approval required; schedule change fee applies.

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

- Through day 5 of classes: instructor approval required.
- Day 6-10: instructor, adviser, college approval required; schedule change fee applies.
- After day 10: only with extenuating circumstances, instructor, adviser, college approval required; schedule change fee applies.

Changing status from audit to credit—day 5 deadline:

- Through day 5 of classes: instructor approval required.
- After day 5: instructor, adviser, college approval required; schedule change fee applies.

#### • Partial semester or summer courses:

Deadlines are determined based on the length of the course. For deadlines concerning partial term or summer courses, contact the Student Scheduling Office, 515-294-2331.

## Canceled Courses

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

## Class Attendance

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

## Courses Requiring Permission

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

## Course Descriptions

Course descriptions can be found in the *Iowa State University Undergraduate and Graduate Courses and Programs 2007-2009* catalog. Copies of the catalog may be purchased in campus area bookstores. The information is also available through the ISU index under catalog.

## Credit Involving a Paid Activity

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

## Credits Limits

For fall and spring semesters, the credit limit is 18 credits for undergraduates and 15 credits for graduate students. For summer session, the limits are 12 credits for undergraduates and 10 credits for graduate students. Requests to add credits beyond a student's credit limit will be denied. Generally, a student must drop credits before adding another course.



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 2007-2009* catalog. Course descriptions for experimental courses can be found through the ISU index under Experimental Course Descriptions.

### Late Registration

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

### Linked Courses

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

### On-Campus Saturday and Evening Courses

Many on-campus evening and Saturday classes are included in the *Online Schedule of Classes* <http://classes.iastate.edu/>. To search for evening classes from the Online Schedule of Classes, enter pm in the *Section* field. All courses meeting at 5 p.m. or later will be displayed. Remember that additional offerings may be listed so students should check the meeting times carefully. For questions regarding registration and/or fees, call (515)294-1889.

### Partial-Semester Courses

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

### Pass-Not Pass

Students must contact their adviser/major professor to determine which courses they may take Pass-Not Pass. To take a course Pass-Not Pass, first add the course through the web registration system on a graded basis, then to declare the course as Pass-Not Pass, the student must obtain the signature of their adviser/major professor located in the Pass-Not Pass

section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services CenterI. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2007-2009* catalog.

### Registration Holds

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

### Restricted Sections of Courses

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

### Room Assignments

Beginning Monday, April 26, students may find room assignments by viewing their schedule on *AccessPlus*.

### Time Conflicts

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

### Validation of Enrollment

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

### Videotaping/Audiotaping Classes

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

# Iowa Lakeside Laboratory

The Iowa Lakeside Laboratory is a field station located on approximately 140 acres of restored prairie, wetland, and gallery forest on the shore of West Okoboji Lake in northwest Iowa. The Laboratory was established in 1909 for the conservation and study of the rich flora and fauna of northwest Iowa—especially the Iowa Great Lakes region with its numerous lakes, wetlands, and prairies. It is run by the Iowa Board of Regents.

Each summer the Laboratory provides undergraduate and graduate students an exceptional opportunity to take field-oriented courses in the natural sciences (archaeology, ecology, evolution, geology, taxonomy). Specified courses for environmental science and biology teachers are also offered each summer. Most courses have individual or group field projects as well as formal lectures and discussions. Because all Lakeside courses are total immersion and meet all day, five days a week, students can take only one course at a time. Courses run for two to four weeks, except those for teachers and the Natural History Workshops which run one or two weeks. Class size for most courses is limited to ten students.

Scholarships are available to both undergraduates and graduate students. Scholarships only cover Iowa Lakeside Laboratory room and board.

Additional information about these courses as well as scholarship information and registration forms can be obtained from the Lakeside Lab website at [www.continuetolearn.uiowa.edu/lakesidelab](http://www.continuetolearn.uiowa.edu/lakesidelab) or by contacting the Iowa Lakeside Laboratory Administrative Office, 250 Continuing Education Facility, The University of Iowa, Iowa City, IA 52242-0907. Phone: (319) 353-2806 or (888) IOWAEDU (469-2338); Fax: (319) 335-2740; Email: [iowalakesidelab@www.continuetolearn.uiowa.edu](mailto:iowalakesidelab@www.continuetolearn.uiowa.edu).

Early registration is advisable. Because enrollment in Lakeside courses is limited, students are advised to submit applications before May 1. Students should apply for housing at the same time as they register.

## Natural History Workshops at Lakeside

During the 2010 summer season, Lakeside will offer three sections of the Natural History Workshop. These courses have no prerequisites and are designed to serve the needs of teachers, naturalists, conservationists, and anyone else with an interest in Iowa's natural history. Each section lasts one week. The following sections will be offered this summer:  
Ia LL 493G-Prairies (June 15-19)  
Ia LL 593 sect G1-Prairies (June 15-19)

## Lakeside Lab Course Descriptions

The following courses will be offered at Iowa Lakeside Laboratory during summer 2010. Iowa State University course numbers are listed under the course title.

### Soil and Environmental Quality

#### Ia LL 260

*Cr. 4. June 21-July 16. MTWRF 8-5.*

*Lee Burras, Iowa State University*

Role of soils in the environment; relationship between soil quality and plant growth. Field studies on soil identification, degradation and restoration as well as identifying tools useful in effective land and water stewardship.

Students enrolled in Soils & Environmental Quality will develop proficiencies in describing soils, interpreting their suitability for supporting native and managed ecosystems, and in determining best methods to ameliorate their degradation. The majority of the time will be spent in the field. We will use two overnight field trips to explore regional differences in soils and discover why best management varies with geologic, climatic and ecologic zones. The course culminates in a presentation by the students to the local community on one or more field projects we – the class – agree upon during week 1. Part of regular class time in weeks 2, 3 and 4 will be dedicated to project work.

Students should wear clothing suitable for digging and describing soils, climbing on road cuts and exploring wetland through upland ecosystems, including prairies and fields. Maps, books and other reference materials will be supplied by the instructor and/or available from web-based sources and databases. Field trip fee: \$75.

### Undergraduate Internship

#### Ia LL 303I (NREM 303I)

*Cr. 1-5. Prereq: Permission of instructor and sophomore standing.*

Placement with county conservation boards, camps, parks, etc., for experience as interpreters, rangers, and technicians.

### Ecology

#### Ia LL 312I (A Ecl 312I, EnSci 312I)

*Cr. 4. May 24-June 18. MTWRF 8-5.*

*Neil Bernstein, Mount Mercy College*

An introduction to the evolutionary and basic principles of ecology at the organismal, population, community, and ecosystem levels. The course integrates lectures and field studies to examine factors controlling the distribution and abundance of plants and animals in native ecosystems. General topics include climate, microclimates, soil, aquatic environments, responses of organisms to environment, life history, population growth and regulation, demography, species interactions, community composition and structure, landscape ecology, trophic structure and productivity, and biogeochemical cycles.

There is a strong emphasis on field ecology (what do ecologists do?), meaning that students will conduct many field research projects. These require collection, analysis, and the interpretation of data in short reports. Appropriate field clothes and supplies are needed (rain gear, warm clothing, hat, sturdy boots, sunscreen, wading shoes, and insect repellent). Ecology texts are available in the library, but if you wish to purchase one, a good choice is *Elements of Ecology* (7th edition) by Robert L. Smith and Thomas M. Smith. A required book (not available in the library or for purchase at ILL) is *Where the Wild Things Were: Life, Death, and Ecological Wreckage in a Land of Vanishing Predators* by William Stolzenburg. Purchase this before coming to ILL. Students should bring a field pack, statistical calculator, a spiral notebook, and at least one flash drive. Optional items (suggested but not necessary) include a camera, field guides, binoculars, a water bottle, and hip or chest waders. Field trip fee: \$60.

### **Animals & their Ecosystems**

#### **Ia LL 333**

*Cr. 4. June 21-July 16 -MTWRF 8-5*

*Michael Lannoo, Indiana University School of Medicine*

Identification of vertebrates and invertebrates of the Upper Midwest in a taxonomic, ecological and conservation setting. After completing this course, students should have a broad working knowledge of the animals of the Central United States.

The only prerequisite will be a course in introductory biology.

It is important for environmental scientists and conservation biologists at all levels to be able to identify plants and animals in the field, and put them into a taxonomic and ecological framework. This course will focus on the vertebrate and invertebrate animals of the Midwest. Animals will be observed in nature either through passive observational techniques or catch-and-release. Once identified, animals will be placed in their proper taxonomic position (i.e., put onto the "Tree of Life") and into ecological perspective, including habitat preferences (i.e., wetland, lake, prairie, forest, river, edge), trophic position, and activity patterns. Conservation status will be discussed and in many cases emphasized. If taken in association with the first session course in ecology, the student should finish the summer with a fundamental understanding of the natural history of the Central United States. Students should bring rugged clothing, sturdy boots, and waders (optional—you may instead choose to get wet).

We will use onsite texts as necessary for identifications, determining ecological relationships, and establishing conservation status. Field trip fee: \$60.

### **Plant Taxonomy**

#### **Ia LL 367**

*Cr. 4. June 21-July 16 MTWRF 8-5.*

*William Norris, Western New Mexico University.*

Principles of classification and evolution of vascular plants; taxonomic tools and collection techniques; use of keys. Field and laboratory studies emphasizing identification of local flowering plants and recognition of major plant families.

Students who enroll in Plant Taxonomy at Lakeside will spend four weeks exploring the many habitats (wetland, prairie, forest) of Iowa's lakes region to study the diverse flora of this region (home to more than 800 vascular plant species). The majority of class time is spent in the field. Topics to be covered include principles of vascular plant classification; vegetative and reproductive morphology; recognition characteristics of 40 major plant families, use of dichotomous keys; and field collection methodology. Each student will prepare and submit a collection of 100 vascular plants as a course requirement. There will be a two-night field trip to northeast Iowa during the third week of the course. Students will be expected to bring camping equipment and to pay for one evening meal out-of-pocket in addition to the fees charged for this trip.

There are two required texts for this course: (1) *Vascular Plant Families* (1977, James Payne Smith, Jr., Mad River Press, Inc.; ISBN #0916422070); and (2) *Plant Identification Terminology: An Illustrated Glossary* (2001, James G. Harris and Melinda W. Harris, Spring Lake Publishing; ISBN #0964022168). Both books are readily available through Internet book dealers (<http://amazon.com>; <http://bn.com>). In addition, an OPTIONAL book which students will find very useful is (3) *Great Plains Flora Association. Flora of the Great Plains* (1991, University of Kansas Press; ISBN #070060295X). This book is currently available through major Internet book sellers (<http://amazon.com>; <http://bn.com>). All students MUST obtain a 10X hand-lens. This is available through Kooter's Geology Tools (<http://www.kooters.com>). Field trip fee: \$75.

### **Plant Ecology**

#### **Ia LL 484**

*Cr. 4. May 24-June 18. MTWRF 8-5.*

*Thomas Rosburg, Drake University*

### **Undergraduate Independent Study**

#### **Ia LL 490I (Anthr 490I, NREM 490I**

*Cr. 1-4.*

*Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.*

### **Undergraduate Research**

#### **Ia LL 499**

*Cr. 1-4.*

*Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.*

## **Graduate Internships**

### ***Ia LL 503***

*Cr. 1-5.*

*Prereq: Permission of instructor and graduate standing.*

Placement with county conservation boards, camps, parks, schools, etc., for experience as interpreters, rangers, technicians, and teachers.

## **Aquatic Ecology**

### ***Ia LL 508I (ENSCI 508I, NREM 508I)***

*Cr. 4. May 24-June 18 -MTWRF 8-5*

*Kenneth L. Lang Humboldt University*

Located in Northwest Iowa, the heart of the prairie/potnole region, and renowned for its vast array of aquatic habitats, Iowa Lakeside Lab is surrounded by wetlands, streams and lakes, including the deepest lake in Iowa. It is a perfect locale for field work.

This class provides an analysis of aquatic ecosystems with an emphasis on basic ecological principles. Ecological theories will be tested in the field. We will devote a large share of time to the collection, sampling, and identification of the organisms of the diverse aquatic habitats available to us. We will make extensive collections of the invertebrates and create distribution maps for the local habitats. The zooplankton of the large lakes will be sampled and dispersion patterns within the lake system will be studied. The principal reading will be from Franz Ruttner's classic *Fundamentals of Limnology*. This text is available in the Lakeside library. Some background in basic chemistry and physics would be helpful for gaining maximal value from the reading, but it is not prerequisite. A reference library will be available in our lab to further support our field work. It is anticipated that, as in past years, everyone will want to do a field project. Students will be guided and supported in designing their projects which can begin in the second week of the course, after we've had a chance to wet our boots and nets in the marshes. Field trip fee: \$50.

## **Ecology and Systematics of Diatoms**

### ***Ia LL 580I (EEOB 580I)***

*Cr. 4. June 2-27. MTWRF 8-5.*

*Marina Potapova, Academy of Natural Sciences of Philadelphia & Mark Edlund, St. Croix Watershed Research Station, Science Museum of Minnesota*

Located in Northwest Iowa, the heart of the prairie/potnole region, and renowned for its vast array of aquatic habitats, Iowa Lakeside Lab is surrounded by wetlands, streams and lakes, including the deepest lake in Iowa. It is a perfect locale for field work.

our field work. It is anticipated that, as in past years, everyone will want to do a field project. Students will be guided and supported in designing their projects which can begin in the second week of the course, after we've had a chance to wet our boots and nets in the marshes. Field trip fee: \$50.

This class provides an analysis of aquatic ecosystems with an emphasis on basic ecological principles. Ecological theories will be tested in the field. We will devote a large share of time to the collection, sampling, and identification of the organisms of the diverse aquatic habitats available to us. We will make extensive collections of the invertebrates and create distribution maps for the local habitats. The zooplankton of the large lakes will be sampled and dispersion patterns within the lake system will be studied. The principal reading will be from Franz Ruttner's classic *Fundamentals of Limnology*. This text is available in the Lakeside library. Some background in basic chemistry and physics would be helpful for gaining maximal value from the reading, but it is not prerequisite. A reference library will be available in our lab to further support

## **Graduate Independent Study**

### ***Ia LL 590I (A Ecl 590I, Anthr 590I, EEOB 590I)***

*Cr. 1-4*

*Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.*

## **Research**

### ***Ia LL 699I (A Ecl 699I, Anthr 699I, EEOB 699I, GDCB 699I)***

*Cr. 1-4*

*Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.*



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

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

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

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

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

**Courses**—Be prepared with alternative course selections in case their first choice courses are closed.

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

**Alternative courses**

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

**Notes**

Adviser Signature: \_\_\_\_\_ Date Approved: \_\_\_\_\_





**ACCOUNTING**

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS  
Prereq: SOPH CLASSIFICATION  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
5277005 A MTWRF 7:30-9:30  
MEETS: MAY 17-JUNE 11

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS  
Prereq: SOPHOMORE STANDING OR PERMISSION OF ADVISER  
Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
1110005 A MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS  
Prereq: 284  
Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
College permission required to add during 1st week. Go to 1200 Gerdin.  
1112005 A MTWRF 9:50-11:50  
MEETS: JUNE 14-JULY 9

INTMD MANAGERL ACCT ACCT 383 3 CREDITS  
Prereq: 285 OR 508  
Note: COURSE RESTRICTED TO ACCT, AG B, BUS S, BUS U, FIN, LSCM, MGMT, MIS, MKT, OSMC UNDERGRAD MAJORS ONLY  
College permission required to add during 1st week. Go to 1200 Gerdin.  
1117005 A MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11

INTMD ACCOUNTING I ACCT 386 3 CREDITS  
Prereq: 285 OR 508  
Note: College permission required to add during 1st week. Go to 1200 Gerdin.  
1118005 A1 MTWRF 12:10-2:10  
MEETS: JUNE 14-JULY 9  
Note: SECTION A1 RESTRICTED TO ACCT MAJORS ONLY  
1118010 A2 MTWRF 12:10-2:10  
MEETS: JUNE 14-JULY 9  
Note: SEC A2 RESTRICTED TO BUS S, BUS U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSMC UNDERGRAD MAJORS ONLY

INDEPENDENT STUDY ACCT 490 1- 3 CREDITS  
Prereq: 285, SR CLASSIFICATION, INSTR PERMISSN  
Note: COURSE RESTRICTED TO ACCT MAJORS ONLY  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTRO TO AUDITING ACCT 497 3 CREDITS  
Prereq: 384, 387, STAT 326  
Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY  
Available for nonmajor graduate credit  
College permission required to add during 1st week. Go to 1200 Gerdin.  
1126005 A MTWRF 9:50-11:50  
MEETS: JULY 12-AUG 6

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**

ADVERTISING PRINCIP ADVRT 230 3 CREDITS  
4667005 1 MTWRF 1:20-3:20  
MEETS: MAY 17-JUNE 11

STRATEG PLAN AD&P R ADVRT 301 3 CREDITS  
Prereq: 230 OR JL MC 220; SOPHOMORE CLASSIFICATN  
4439005 1 MTWR 9:50-11:30  
MEETS: MAY 17-JUNE 25  
Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

PROFSNL SKILLS DEVL ADVRT 390 1- 3 CREDITS  
Prereq: 201; INSTRUCTOR PERMISSION  
2769800 PL ARRANGED CHAMBERLIN D  
MEETS: MAY 15-JUNE 4  
Note: SEC PL TAUGHT IN POLAND. 'POLAND THROUGH LENS' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies

SPL TOPICS COMMUNIC ADVRT 497 1- 3 CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
2240005 1 MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11  
Note: SECTION 1 TOPIC: SPORTS COMMUNICATION

**ADVERTISING**

(CONTINUED)

SPL TOP SPORTS COMM ADVRT 497D 3 CREDITS  
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY  
6334005 1 MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11

**AEROSPACE ENGINEERING**

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL  
2651005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Department permission required.

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

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

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

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

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

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

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

INDEP STUDY DESIGN AER E 490I 1- 6 CREDITS  
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

COOPERATIVE EDUC AER E 498 R CREDIT  
Prereq: 398, PERMSN OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

## AEROSPACE ENGINEERING (CONTINUED)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ENGINEERG INTERNSHP AER E 697 R CREDIT  
Prereq: PERMISSION OF DOGE, GRADUATE CLASSIFICATN  
Satisfactory-Fail Only.  
8131005 ARRANGED  
MEETS: MAY 17-AUG 6

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

**AFRICAN AND AFRICAN AMERICAN STUDIES**

INTRO AFRIC AMER ST AF AM 201 3 CREDITS  
Note: Meets U.S. diversity reqmt  
Instructor permission required 1st week.  
8310005 MTWR 9:50-12:20  
MEETS: JULY 12-AUG 6

ETHNIC&RACE RELATNS AF AM 330 3 CREDITS  
Prereq: SOC 130 OR 134  
Note: Meets U.S. diversity reqmt  
8638005 A MTWRF 8:40-10:40  
MEETS: JUNE 14-JULY 9

INDEPENDENT STUDY AF AM 490 1- 3 CREDITS  
Prereq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR  
AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM  
Note: Instructor permission required.  
8357005 ARRANGED  
MEETS: MAY 17-AUG 6

**AGRICULTURAL EDUCATION & STUDIES**

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT  
Prereq: 110  
7586005 ARRANGED  
MEETS: MAY 17-AUG 6

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

FIELD EXP EXTENSION AGEDS 211B 1 CREDIT  
Prereq: 110  
7594005 ARRANGED  
MEETS: MAY 17-AUG 6

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT  
Prereq: 110  
7603005 ARRANGED  
MEETS: MAY 17-AUG 6

SPECIAL PROBLEMS AGEDS 290 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
1270005 ARRANGED  
MEETS: MAY 17-AUG 6

PRESENTN STRATEGIES AGEDS 311 3 CREDITS  
1272005 F 2:00-5:00, ARRANGED  
MEETS: MAY 17-AUG 6

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CREDITS  
Prereq: 211, JR CLASSIF IN AGEDS, INSTR PERMISSN  
Note: Available for nonmajor graduate credit  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPRV EXTENS EXPER AGEDS 418 2- 8 CREDITS  
Prereq: 211, JR CLASSIFICTN, INSTRUCTOR PERMISSN  
Note: Available for nonmajor graduate credit  
1282005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Instructor permission required.  
Professional support fee \$50.00

FARM MGMT&OPERATION AGEDS 450 3 CREDITS  
Prereq: ECON 235, 330, JUNIOR CLASSIFICATION  
Note: Available for nonmajor graduate credit  
1386005 1 MWF 12:10-4:00  
MEETS: MAY 17-JULY 9  
Note: Materials and equipment use fee \$100.00

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 LDRSHP,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 STDY ENVIR ISSU 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

INDEP STUDY HONORS AGEDS 490H 1- 3 CREDITS  
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION,  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS  
ONLY. 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

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

IND STU COMMUNICATN 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 17-AUG 6

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

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

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

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

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

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

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

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

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

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

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

WORKSHOP CURRICULUM AGEDS 593A 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1317005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Materials fee \$25.00

ADMINISTR TN WORKSH P AGEDS 593D 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1320005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Materials fee \$25.00

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1321005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Materials fee \$25.00

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1322005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Materials fee \$25.00

WKSH P INSTR TECHNOL AGEDS 593H 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
1890005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Materials fee \$25.00

WKSH P BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS  
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
6536005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Materials fee \$25.00

## AGRICULTURAL EDUCATION &amp; STUDIES (CONTINUED)

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

SEMNR PUBLICATN WRIT AGEDS 615A 1 CREDIT  
Satisfactory-Fail Only.  
1327005 MW 8:40-11:00  
MEETS: JUNE 14-JULY 9

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

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

## AGRICULTURAL ENGINEERING

COOPERATIVE EDUC A E 298 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP A E 396 R CREDIT  
Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES  
Note: Permission of adviser & career services required.  
College will register student.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC A E 398 R CREDIT  
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGR  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOSYS ENGR A E 490B 1- 4 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CPTR-A DSGN A E 490C 1- 4 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU ENVIR SYSTS A E 490E 1- 4 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY FOOD ENGR A E 490F 1- 4 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS A E 490H 1- 4 CREDITS  
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY POWER ENGR A E 490P 1- 4 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY STRUCTURES A E 490Q 1- 4 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY PROCES ENG A E 490R 1- 4 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU ENVIR&N RES A E 490S 1- 4 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY WASTE MGT A E 490U 1- 4 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AG&BIOSYS ENGR TRVL A E 496X 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
2492800 BR ARRANGED BRUMM T  
MEETS: MAY 9-24  
Note: SEC BR TAUGHT IN BRAZIL. 'AGRICULTURAL  
TECHNONLOGY AND AUTOMATION ADOPTION IN BRAZIL'  
STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies

COOPERATIVE EDUCATN A E 498 R CREDIT  
Prereq: 398, PERMISSION OF THE DEPARTMENT AND  
ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOSYS ENGR A E 590B 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC FOOD ENGR A E 590F 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOPCS POWER ENGR A E 590P 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP STRUC&ENVIRN A E 590Q 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## AGRICULTURAL ENGINEERING (CONTINUED)

SP TOP PROCESS ENGR A E 590R 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WATER&ENVR A E 590S 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC WASTE MGT A E 590U 1- 3 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH COMM A E 598 1 CREDIT  
Satisfactory-Fail Only.  
8332005 ARRANGED  
MEETS: MAY 17-AUG 6

CREATIVE COMPONENT A E 599 VAR. CREDITS  
1044005 ARRANGED  
MEETS: MAY 17-AUG 6

ENGINEERG INTERNSHP A E 697 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF  
Satisfactory-Fail Only.  
1700005 ARRANGED  
MEETS: MAY 17-AUG 6

DOCTORAL TECH COMM A E 698 1 CREDIT  
Satisfactory-Fail Only.  
8333005 ARRANGED  
MEETS: MAY 17-AUG 6

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

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

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

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

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

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

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

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

**AGRONOMY**

PROF DEVEL:WORK EXP AGRON 310 R CREDIT  
Satisfactory-Fail Only.  
1389005 ARRANGED  
MEETS: MAY 17-AUG 6

COOPERATIVE EDUCATN AGRON 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION  
1411005 ARRANGED  
MEETS: MAY 17-AUG 6

INDEPENDENT STUDY AGRON 490G 1- 5 CREDITS  
Prereq: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON  
INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGRON 490H 1- 5 CREDITS  
Prereq: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON  
INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN  
MEMBERSHIP IN THE HONORS PROGRAM  
Note: OFFERED FOR 1-3 CREDITS SUMMER 2010.  
RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN AGRON 498 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
1416005 ARRANGED  
MEETS: MAY 17-AUG 6

FIELD MTHD PL BRDNG AGRON 522 1- 2 CREDITS  
Prereq: 521  
Note: Instructor permission required 1st week.  
Satisfactory-Fail Only.  
1448005 T 8:00-12:00  
MEETS: MAY 17-AUG 6

APPLD AG METEOROLGY AGRON 541 2- 3 CREDITS  
Prereq: 206 OR UPPER DIVISION BIOLOGICAL SCIENCE  
Note: CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT  
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. OFFERED  
FOR 2 CREDITS SUMMER 2010.  
1454005 ARRANGED  
MEETS: MAY 17-AUG 6

## AGRONOMY (CONTINUED)

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

CR COMP AG METEOROL AGRON 599A VAR. CREDITS  
1472005 Prereq: NONTHESIS M.S. OPTION ONLY  
ARRANGED  
MEETS: MAY 17-AUG 6

CR COMP CROP PRD&PH AGRON 599B VAR. CREDITS  
1473005 Prereq: NONTHESIS M.S. OPTION ONLY  
ARRANGED  
MEETS: MAY 17-AUG 6

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS  
1474005 Prereq: NONTHESIS M.S. OPTION ONLY  
ARRANGED  
MEETS: MAY 17-AUG 6

CRTV COMP SOIL CHEM AGRON 599D VAR. CREDITS  
1475005 Prereq: NONTHESIS M.S. OPTION ONLY  
ARRANGED  
MEETS: MAY 17-AUG 6

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS  
1476005 Prereq: NONTHESIS M.S. OPTION ONLY  
ARRANGED  
MEETS: MAY 17-AUG 6

CRTV COMPN SOIL MGT AGRON 599F VAR. CREDITS  
1477005 Prereq: NONTHESIS M.S. OPTION ONLY  
ARRANGED  
MEETS: MAY 17-AUG 6

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS  
1478005 Prereq: NONTHESIS M.S. OPTION ONLY  
ARRANGED  
MEETS: MAY 17-AUG 6

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS  
1479005 Prereq: NONTHESIS M.S. OPTION ONLY  
ARRANGED  
MEETS: MAY 17-AUG 6

CR COMP SOIL PHYSCS AGRON 599I VAR. CREDITS  
1480005 Prereq: NONTHESIS M.S. OPTION ONLY  
ARRANGED  
MEETS: MAY 17-AUG 6

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

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

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

RES PLANT BREEDING AGRON 699C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

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

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

**AMERICAN INDIAN STUDIES**

INTR AM INDIAN STDI AM IN 210 3 CREDITS  
Note: Meets U.S. diversity reqmt  
1506005 1 MTWRF 9:50-11:50  
MEETS: JUNE 14-JULY 9

## AMERICAN INDIAN STUDIES

(CONTINUED)

PEOP&CUL NATV N AM AM IN 322 3 CREDITS  
 Prereq: ANTHR 201 OR AM IN 210  
 Note: Meets U.S. diversity reqmt  
 1508005 1 MTWRF 9:50-11:50  
 MEETS: MAY 17-JUNE 11

**ANIMAL ECOLOGY**

ECOLOGY A ECL 312 4 CREDITS  
 Prereq: BIOL 211L AND 212L  
 1061005 A MTWR 9:50-11:05  
 MW 1:20-4:20  
 MEETS: MAY 17-JULY 9  
 1061010 B MTWR 9:50-11:05  
 TR 1:20-4:20  
 MEETS: MAY 17-JULY 9

ECOLOGY A ECL 312I 4 CREDITS  
 Note: Permission of Lakeside Lab Office required  
 http://www.continuetolearn.uiowa.edu/lakesidelab  
 3713005 MTWRF 8:00-5:00  
 MEETS: MAY 24-JUNE 18  
 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.continuetolearn.uiowa.edu/lakesidelab  
 3979005 1 ARRANGED  
 Note: Tuition Category: Iowa Lakeside Lab

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

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

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

RESEARCH - IA LL A ECL 699I 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Permission of Lakeside Lab Office required  
 http://www.continuetolearn.uiowa.edu/lakesidelab  
 3966005 ARRANGED  
 Note: Tuition Category: Iowa Lakeside Lab

**ANIMAL SCIENCE**

FND HORSE HLTR TRNG AN S 317A 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 216  
 9192005 1 MTWR 11:00-12:00  
 MEETS: MAY 17-JULY 9

FND EQUINE TRN YRLG AN S 317B 3 CREDITS  
 Prereq: CR OR ENROLLMENT IN 216, INSTR PERMISSION  
 9194005 1 MTWR 8:40-10:50  
 MEETS: MAY 17-JULY 22

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS  
 Prereq: PERMISSION OF THE INSTRUCTOR  
 1538005 ARRANGED  
 MEETS: MAY 17-AUG 6

SUPERV'D INTERNSHIP AN S 399B R CREDIT  
 Prereq: PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 2258005 ARRANGED  
 MEETS: MAY 17-AUG 6

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

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

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

## 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, 30 COLLEGE CREDITS  
 Note: Meets international perspectives reqmt  
 1876800 EN ARRANGED KILMER L  
 MEETS: MAY 15-28  
 Note: SEC EN TAUGHT IN ENGLAND AND SCOTLAND.  
 'EUROPEAN PERSPECTIVES ON FARM ANIMAL WELFARE IN  
 ENGLAND AND SCOTLAND' OFFERED FOR 3 CREDITS SUMMER 10  
 Study Abroad Administrative Fee Applies

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

SPL TOP AN BREEDING AN S 590A 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANIMAL NUTR AN S 590B 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEAT AN PRO AN S 590C 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP DAIRY PROD AN S 590D 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCI AN S 590E 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHYS REPROD AN S 590F 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MUSCLE BIOL AN S 590G 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING AN S 590L 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: NONTHESIS M.S. STATUS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO MEAT SCI AN S 599E 1- 8 CREDITS  
 Prereq: NONTHESIS M.S. STATUS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

ANIMAL NUTRI RESRCH AN S 699B VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MEAT ANIM PRODU RES AN S 699C VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DAIRY PROD RESEARCH AN S 699D VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MEAT SCIEN RESEARCH AN S 699E VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

REPROD PHYSOL RSRCH AN S 699F VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSCLE BIOLGY RSRCH AN S 699G VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



**ANTHROPOLOGY**

PEOPL&CUL NATV N AM ANTHR 322 3 CREDITS  
Prereq: 201 OR AM IN 210  
Note: Meets U.S. diversity reqmt  
1626005 1 MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11

ARCHAEOL FIELD SCHL ANTHR 429 4- 6 CREDITS  
Prereq: 202 OR 308  
Note: COURSE ONLY OFFERED FOR 4 CREDITS SUMMER 2010  
1638005 1 ARRANGED  
MEETS: MAY 17-JUNE 11

INTERNSHIP ARCHAEOL 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  
MEETS: MAY 17-AUG 6

INTERNSHIP CULTRL A ANTHR 434B 2- 6 CREDITS  
Prereq: JUNIOR OR SENIOR STANDING  
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE  
MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434  
MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS  
FOR THE MAJOR OR FOR THE ANTHR MINOR.  
Satisfactory-Fail Only.  
1031005 ARRANGED  
MEETS: MAY 17-AUG 6

INDEP STDY ARCHAEOL ANTHR 490A 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHROPOLOGY  
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CULTR ANTHR ANTHR 490B 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHROPOLOGY  
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOL ANTHRO ANTHR 490C 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHROPOLOGY  
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY LING ANTHR ANTHR 490D 1- 5 CREDITS  
Prereq: 9 CREDITS IN ANTHROPOLOGY  
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE  
APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

PEOPL&CUL NATV N AM ANTHR 522 3 CREDITS  
Prereq: 201 OR AM IN 210  
8365005 1 MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11

ARCHAEOL FIELD SCHL ANTHR 529 4- 6 CREDITS  
Prereq: 202 OR 308  
Note: COURSE ONLY OFFERED FOR 4 CREDITS SUMMER 2010  
1650005 1 ARRANGED  
MEETS: MAY 17-JUNE 11

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

**ANTHROPOLOGY**

(CONTINUED)

GRAD IND STDY IA LL ANTHR 590I 1- 4 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab  
7823005 1 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

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

RESEARCH - IA LL ANTHR 699I 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab  
7824005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

**APPAREL, ED STUDIES&HOSPITALITY MGMT**

P R & EVENT MGMT I AESHM 271 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR. COURSE MUST  
BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN  
BE REPEATED FOR 1 CREDIT.  
Note: COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST  
TIME, THEN MAY BE REPEATED FOR 1 CREDIT. ONLY  
OFFERED FOR 3 CREDITS SUMMER 2010.  
4556005 1 ARRANGED  
MEETS: JUNE 14-AUG 6  
Note: Course delivery is WWW  
Materials and equipment use fee \$5.00-\$65.00

MERCHANDISING AESHM 275 3 CREDITS  
Prereq: 3 CREDITS IN MATH  
2853005 ARRANGED  
MEETS: MAY 17-JULY 9  
Note: Course delivery is WWW  
Materials, field trips &/or travel fee \$15.00-\$40.00

AESTHETC OF EVERYDY AESHM 342 3 CREDITS  
Note: Meets U.S. diversity reqmt  
4609005 1 ARRANGED  
MEETS: MAY 17-JULY 9  
Note: Course delivery is WWW  
Materials, field trips &/or travel fee \$0.00-\$50.00

ENTREPRNR HUMAN SCI AESHM 474 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION  
4618005 ARRANGED  
MEETS: MAY 17-JULY 9  
Note: Course delivery is WWW  
Materials, field trips &/or travel fee \$30.00-\$60.00

**ARABIC**

ELEMENTARY ARABIC I ARABC 101 4 CREDITS  
7437005 1 MTWRF 8:40-11:40  
MEETS: MAY 17-JUNE 11  
Note: Materials and equipment use fee \$25.00

ELEMENTARY ARABIC II ARABC 102 4 CREDITS  
Note: Meets international perspectives reqmt  
7442005 1 MTWRF 8:40-11:40  
MEETS: JUNE 14-JULY 9  
Note: Materials and equipment use fee \$25.00

**ARCHITECTURE**

PRACTICAL EXPERIENC ARCH 310 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
2544005 ARRANGED  
MEETS: MAY 17-AUG 6

ARCHITC DESIGN VIII ARCH 404 6 CREDITS  
Prereq: 403  
1694005 1 TF 4:00-5:10 LESLIE T  
MWR 1:00-5:10 LESLIE T  
F 1:00-3:40 LESLIE T  
MEETS: MAY 17-JULY 9

HIST AMERICAN ARCH ARCH 420 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: NO MORE THAN 6 CREDITS OF ARCH 420 MAY BE  
APPLIED TOWARD DEGREE REQUIREMENTS  
Meets U.S. diversity reqmt  
Available for nonmajor graduate credit  
8270005 1 MTWRF 11:00-12:20  
MEETS: MAY 17-JULY 9  
Note: NO MEETINGS JUNE 14-25. SECTION 1 TOPIC:  
HISTORY OF THE AMERICAN CITY.

FILE TO FABRICATION ARCH 433 3 CREDITS  
Prereq: 230, 301  
3852005 1 MW 8:40-11:30  
MEETS: MAY 17-JULY 9

## ARCHITECTURE

(CONTINUED)

IND STDY DSN COMMUN ARCH 490A 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DESIGN ARCH 490B 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY TECHN SYST ARCH 490C 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ARCH HIST ARCH 490D 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY BEHAV STD ARCH 490E 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY PRACTICE ARCH 490F 1- 9 CREDITS  
Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARCH 490H 1- 9 CREDITS  
Prereq: APPROVAL OF INSTR & DEPT CHAIR ON  
REQUIRED FORM. MEMBERSHIP IN THE HONORS PROGRAM.  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ARC DSIGN&MEDIA III ARCH 507 5 CREDITS  
Prereq: 506,596,542, CONCURRENT ENROLLMENT IN 543  
1300005 1 MTWRF 1:00-5:00  
MEETS: MAY 17-JULY 9  
Note: Materials, field trips &/or travel fee  
\$75.00-\$125.00

TOP STDI ARCH&CULTR ARCH 528A 2- 3 CREDITS  
Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
1731005 1 ARRANGED  
MEETS: MAY 17-JULY 9  
Note: SECTION 1 TOPIC: LOS ANGELES ARCHITECTURE  
Field trips & travel fee \$5.00-\$820.00  
1731010 2 MW 9:00-12:00  
MEETS: MAY 17-JULY 9  
Note: SECTION 2 TOPIC: AESTHETICS AND ARCHITECTURE  
Field trips & travel fee \$5.00-\$820.00

STDY ABROAD OPTIONS ARCH 576 3 CREDITS  
Note: Meets international perspectives reqmt  
8672800 DE ARRANGED PASSE U  
MEETS: MAY 31-JULY 2  
Note: SEC DE TAUGHT IN BERLIN, GERMANY - 'SUMMER  
ACADEMY BERLIN 2010' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies

SERVICE LEARNING ARCH 581 5 CREDITS  
Prereq: 506,596,542  
1719005 1 MWF 8:40-10:20  
R 8:40-12:00  
MEETS: MAY 17-JULY 9

SPECIAL TOPICS ARCH 590 1- 5 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND  
DEPARTMENT CHAIR ON APPROVED FORM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

DESIGN STUDIO OPTNS ARCH 602 6 CREDITS  
Prereq: 601  
1760005 1 TF 4:00-5:10 LESLIE T  
MWR 1:00-5:10 LESLIE T  
F 1:00-3:40 LESLIE T  
MEETS: MAY 17-JULY 9

INDEP DESIGN STUDY ARCH 690 6 CREDITS  
Prereq: ADMISSION TO MSAS OR M ARCH 30 CR PROGRAM  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

## ART &amp; DESIGN

ART HIST IN EUROPE ART 495N 3 CREDITS  
Prereq: 494, PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
Instructor permission required 1st week.  
7552800 IT ARRANGED SCHNEIDER P  
MEETS: JUNE 3-JULY 30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM  
Study Abroad Administrative Fee Applies

## ART &amp; DESIGN

(CONTINUED)

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.  
Satisfactory-Fail Only.  
9444005 RB ARRANGED  
MEETS: MAY 17-AUG 6  
9444010 SH ARRANGED  
MEETS: MAY 17-AUG 6

INTRNSHP MUSEUM/GAL ART 498 1- 6 CREDITS  
Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR,  
WRITTEN APPROVAL OF SUPERVISING INSTR ON REQUIRED  
FORM IN ADVANCE OF SEM OF ENROLLMENT  
Satisfactory-Fail Only.  
7821005 JC ARRANGED  
MEETS: MAY 17-AUG 6

MUSEUM/GALLRY INTRN ART 598 1- 6 CREDITS  
Prereq: GRAD CLASSIFICATION & INSTRUCTOR PERMISN  
WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF ENROLLMENT  
Note: FOR GRADUATE ART MAJORS  
Satisfactory-Fail Only.  
9445010 BJ ARRANGED  
MEETS: MAY 17-AUG 6  
9445005 JC ARRANGED  
MEETS: MAY 17-AUG 6  
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 2010.  
FOR GRADUATE ART MAJORS ONLY.  
Department permission required.  
8371005 RB ARRANGED  
MEETS: MAY 17-AUG 6  
8371010 SH ARRANGED  
MEETS: MAY 17-AUG 6

THESIS RESEARCH ART 699A VAR. CREDITS  
1949005 ARRANGED  
MEETS: MAY 17-AUG 6

## ART HISTORY

HISTORY OF ART II ART H 281 3 CREDITS  
Note: Meets international perspectives reqmt  
1791005 MWF 9:50-12:00  
MEETS: MAY 17-JULY 9  
Note: Field trips & travel fee \$0.00-\$15.00

INDEPENDENT STUDY ART H 490 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ART H 490H 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT,  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

TOPICS IN ART HIST ART H 498 3 CREDITS  
Note: Instructor permission required 1st week.  
1738005 1 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
Note: SEC 1 TOPIC: SEQUENTIAL ART, COMIC STRIPS,  
COMIC BOOKS AND GRAPHIC NOVELS  
Field trips & travel fee \$0.00-\$15.00

SPECIAL TOPICS ART H 590 VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

TOPICS IN ART HIST ART H 598 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTR PERMISSION  
1792005 1 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
Note: SEC 1 TOPIC: SEQUENTIAL ART, COMIC STRIPS,  
COMIC BOOKS AND GRAPHIC NOVELS  
Field trips & travel fee \$0.00-\$15.00

## ART:GRAPHIC DESIGN

GRPHC DSN METHODLGY ARTGR 476 3 CREDITS  
Prereq: ENROLLMENT IN 370 OR 371 OR 470 OR 482  
1889005 1 MWF 8:30-12:00  
MEETS: MAY 17-JULY 9  
1889010 2 MWF 8:30-12:00  
MEETS: MAY 17-JULY 9

## ART:GRAPHIC DESIGN (CONTINUED)

GRPH DSGN INTERNSHP ARTGR 480 3 CREDITS  
Prereq: 377, 12 CR IN GRAPHIC DESIGN; INSTRUCTOR  
PERMISSION, REGISTRATION IN ADVANCE OF ENROLLMENT  
7746005 A ARRANGED  
MEETS: MAY 17-AUG 6

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

IND 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 ENRL SC.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

GRPHC DSGN METHDOL ARTGR 576 3 CREDITS  
Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN  
2058005 1 MWF 8:30-12:00  
MEETS: MAY 17-JULY 9

SPL TOPCS THRY, CRIT ARTGR 590A VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR  
EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED  
AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

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

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

RESEARCH: THESIS ARTGR 699A VAR. CREDITS  
8382005 ARRANGED  
MEETS: MAY 17-AUG 6

**ART:INTEGRATED STUDIO ARTS**

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS  
Prereq: DSN S 102, 183, 131  
1983800 IT ARRANGED FABER C  
MEETS: JULY 5-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM  
Study Abroad Administrative Fee Applies

INTR CRTV DGT PHOTO ARTIS 227H 3- 4 CREDITS  
Prereq: DSN S 102, 183, 131. MEMBERSHIP IN  
UNIVERSITY HONORS PROGRAM.  
Note: Instructor permission required.  
3028800 IT ARRANGED FABER C  
MEETS: JULY 5-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM- HONORS  
Study Abroad Administrative Fee Applies

PAINTING I ARTIS 238 3 CREDITS  
Prereq: ART 230  
Note: Instructor permission required 1st week.  
7828800 IT ARRANGED JONES B  
MEETS: JUNE 3-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM  
Materials and professional support fee \$20.00  
Study Abroad Administrative Fee Applies

INTEGRATIVE MEDIA ARTIS 305 3 CREDITS  
Prereq: DSN S 102, 131 AND 183 AND 6 CREDITS  
OF ADDITIONAL ISA STUDIO AT 200+ LEVEL  
Note: Instructor permission required 1st week.  
1771800 IT ARRANGED JONES B  
MEETS: JULY 5-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM  
Materials fee \$5.00  
Study Abroad Administrative Fee Applies

## ART:INTEGRATED STUDIO ARTS (CONTINUED)

INTEGRATIVE MEDIA ARTIS 305H 3- 4 CREDITS  
Prereq: DSN S 102, 131 AND 183 AND 6 CREDITS  
OF ADDITIONAL ISA STUDIO AT 200+ LEVEL. MEMBERSHIP  
IN UNIVERSITY HONORS PROGRAM.  
Note: Instructor permission required.  
3147800 IT ARRANGED JONES B  
MEETS: JULY 5-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM- HONORS  
Materials fee \$5.00  
Study Abroad Administrative Fee Applies

PAINTING II ARTIS 338 3 CREDITS  
Prereq: 238  
Note: COURSE RESTRICTED TO ART, ARTDN, ARTED, ARTFA,  
ARTGR, ARTID, ARTIS, BPM I, PBPMI MAJORS  
Instructor permission required 1st week.  
7832800 IT ARRANGED JONES B  
MEETS: JUNE 3-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM  
Materials fee \$5.00  
Study Abroad Administrative Fee Applies

PAINTING II ARTIS 338H 3- 4 CREDITS  
Prereq: 238. MEMBERSHIP IN UNIV HONORS PROGRAM.  
Note: Instructor permission required.  
3576800 IT ARRANGED JONES B  
MEETS: JUNE 3-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM- HONORS  
Materials fee \$5.00  
Study Abroad Administrative Fee Applies

PAINTING III ARTIS 438 3 CREDITS  
Prereq: 338  
Note: COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS  
Available for nonmajor graduate credit  
Instructor permission required 1st week.  
7833800 IT ARRANGED JONES B  
MEETS: JUNE 3-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM  
Materials fee \$5.00  
Study Abroad Administrative Fee Applies

PAINTING III ARTIS 438H 3- 4 CREDITS  
Prereq: 338. MEMBERSHIP IN UNIV HONORS PROGRAM.  
Note: Available for nonmajor graduate credit  
Instructor permission required.  
4866800 IT ARRANGED JONES B  
MEETS: JUNE 3-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM- HONORS  
Materials fee \$5.00  
Study Abroad Administrative Fee Applies

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

IND ST COMPUTER A&D ARTIS 490C 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DRAWING ARTIS 490D 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

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

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

INDEP STDY PAINTING ARTIS 490I 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## ART:INTEGRATED STUDIO ARTS (CONTINUED)

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

INDEP STDY FURNITUR ARTIS 490L 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2010  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTR A&D ARTIS 590C VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOPC ILLUSTRATN ARTIS 590F VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS METALS ARTIS 590G VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRINTMAKING ARTIS 590K VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS FURNITUR ARTIS 590L VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2010  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIXED MEDIA ARTIS 590M VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**ART:INTERIOR DESIGN**

INT DSGN INTERNSHIP ARTID 460 3 CREDITS  
Prereq: COMPLETION OF 350, 365  
1846005 A ARRANGED  
MEETS: MAY 17-AUG 6

INDEPENDENT STUDY ARTID 490 1- 6 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS ARTID 590 VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN INTERIOR DSGN  
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD  
AREA. WRITTEN APPROVAL OF INSTR & DEPT CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## ART:INTERIOR DESIGN (CONTINUED)

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

RESEARCH: THESIS ARTID 699A VAR. CREDITS  
8389005 ARRANGED  
MEETS: MAY 17-AUG 6

RESEARCH:THESIS-EXH ARTID 699B VAR. CREDITS  
8390005 ARRANGED  
MEETS: MAY 17-AUG 6

**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 14-AUG 6  
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 14-AUG 6  
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 14-AUG 6

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  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

**BIOCHEM, BIOPHYSICS & MOLECULAR BIO**

SURVEY OF BIOCHEM BBMB 301 3 CREDITS  
Prereq: CHEM 231 OR 331  
Note: BIOCHEMISTRY AND BIOPHYSICS MAJORS MAY NOT  
APPLY CREDIT FOR BBMB 301 TOWARD DEGREE REQUIREMENTS  
FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE  
1999005 MTWRF 8:40-9:40  
MEETS: MAY 17-JULY 9

INDEPENDENT STUDY BBMB 490 VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION; COLLEGE OF  
AGRICULTURE: JUNIOR OR SENIOR CLASSIFICATION  
Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY  
NO MORE THAN 6 CREDITS OF 490 TOWARD GRADUATION.  
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN  
9 CREDITS OF 490 TOWARD GRADUATION.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS BBMB 490H VAR. CREDITS  
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM  
INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE:  
JUNIOR OR SENIOR CLASSIFICATION  
Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY  
NO MORE THAN 6 CREDITS OF 490 TOWARD GRADUATION.  
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN  
9 CREDITS OF 490 TOWARD GRADUATION.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH BBMB 499 1- 5 CREDITS  
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM  
STUDENT PROPOSES TO WORK  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

INTRO DNA TECHNIQS BBMB 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7099005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 14-JULY 2

INTR PROTEIN TECHNQ BBMB 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7100005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 12-30

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

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

**BIOINFORMATICS&COMPUTATIONAL BIOL-UG**

SEQUENC DATABS TCNQ BCBIO 442A .5 CREDIT  
Prereq: JUNIOR STANDING  
Note: Available for nonmajor graduate credit  
Satisfactory-Fail Only.  
9130005 W ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Course delivery is WWW

PROTEIN STRUCT TCNQ BCBIO 442B .5 CREDIT  
Prereq: JUNIOR STANDING  
Note: Available for nonmajor graduate credit  
Satisfactory-Fail Only.  
9133005 W ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Course delivery is WWW

PHYLOGEN ANALY TCNQ BCBIO 442C .5 CREDIT  
Prereq: JUNIOR STANDING  
Note: Available for nonmajor graduate credit  
Satisfactory-Fail Only.  
9134005 W ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Course delivery is WWW

MICRARRAY ANLY TCNQ BCBIO 442D .5 CREDIT  
Prereq: JUNIOR STANDING  
Note: Available for nonmajor graduate credit  
Satisfactory-Fail Only.  
9135005 W ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Course delivery is WWW

INDEPENDENT STUDY BCBIO 490 1- 5 CREDITS  
Prereq: BCBIO 211, JUNIOR OR SENIOR CLASSIFICATN,  
PERMISSION OF INSTRUCTOR  
Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE  
THAN 9 CREDITS OF BCBIO 490 AND 491 TOWARD GRADUATION  
ARRANGED  
8777005  
MEETS: MAY 17-AUG 6

**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 17-AUG 6

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS  
7827005 ARRANGED  
MEETS: MAY 17-AUG 6

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

**BIOLOGICAL SYSTEMS ENGINEERING**

AG&BIOSYS ENGR TRVL BSE 496X 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
2502800 BR ARRANGED BRUMM T  
MEETS: MAY 9-24  
Note: SEC BR TAUGHT IN BRAZIL. 'AGRICULTURAL  
TECHNOLOGY AND AUTOMATION ADOPTION IN BRAZIL  
STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies

**BIOLOGICAL/PRE-MEDICAL ILLUSTRATION**

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

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

**BIOLOGY**

INTRODUCTORY BIOL BIOL 101 3 CREDITS  
Note: CREDIT FOR EITHER BIOL 101 OR BIOL 211/201, BUT  
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
2064005 A MTWRF 12:10-2:20  
MEETS: JUNE 14-JULY 9  
2064010 B ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Course delivery is WWW  
Section info: <http://project.bio.iastate.edu>  
Syllabus: <http://project.bio.iastate.edu>

HUMAN BIOLOGY BIOL 155 3 CREDITS  
Prereq: HS BIOLOGY & CHEMISTRY OR BIOL 101  
7079005 A ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Course delivery is WWW

FIELD BOTANY BIOL 165 2 CREDITS  
2077005 1 MWF 1:20-4:50  
MEETS: MAY 17-JUNE 11  
2077010 2 MWF 8:00-11:30  
MEETS: MAY 17-JUNE 11

ENVIRONMNTL BIOLOGY BIOL 173 3 CREDITS  
Note: BIOL/ENV S 173 DOES NOT COUNT TOWARD CREDITS  
REQUIRED IN A BIOLOGY MAJOR  
2015005 A ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Course delivery is WWW  
Section info: <http://project.bio.iastate.edu>  
Syllabus: <http://project.bio.iastate.edu>

PRIN OF BIOLOGY I BIOL 211 3 CREDITS  
Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR  
CREDIT OR ENROLLMENT IN CHEM 163 OR 177  
Note: CREDIT FOR EITHER BIOL 101 OR BIOL 211, BUT NOT  
BOTH, MAY BE APPLIED TOWARD GRADUATION  
9468005 A ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Course delivery is WWW  
Section info: <http://project.bio.iastate.edu>  
Syllabus: <http://project.bio.iastate.edu>  
9468010 B MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11

ECOLOGY BIOL 312 4 CREDITS  
Prereq: 211L AND 212L  
2069005 A MTWR 9:50-11:05  
MW 1:20-4:20  
MEETS: MAY 17-JULY 9  
2069010 B MTWR 9:50-11:05  
TR 1:20-4:20  
MEETS: MAY 17-JULY 9

PRINCIP OF GENETICS BIOL 313 3 CREDITS  
Prereq: 211, 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 MTWRF 8:40-9:40  
MEETS: MAY 17-JULY 9

BIOLOGICAL EVOLUTN BIOL 315 3 CREDITS  
Prereq: 313  
5604005 MTWR 11:00-12:15  
MEETS: MAY 17-JULY 9

IND STU BIOL RESRCH BIOL 490R 1- 6 CREDITS  
Prereq: 8 CR IN BIOL & PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS IN BIOL 490 MAY BE APPLIED  
TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE  
APPLIED TO THE MAJOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LAB TEACHNG EXPERNC BIOL 491 1- 2 CREDITS  
Prereq: PERMISSION OF SUPERVISING STAFF  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



## BIOLOGY

(CONTINUED)

BIOLOGY INTERNSHIP BIOL 494 1- 3 CREDITS  
Prereq: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN  
Note: Instructor permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCE;  
PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BIOL 498 R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION  
4546005 ARRANGED  
MEETS: MAY 17-AUG 6

## BIOMEDICAL SCIENCES

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

INDEP STUDY HONORS B M S 490H 1- 5 CREDITS  
Prereq: INSTR PERMISSON, HONORS PROG MEMBERSHIP  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP B M S 496 1-12 CREDITS  
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
6973800 CN ARRANGED HSU W  
MEETS: MAY 17-29  
Note: SEC CN TAUGHT IN BEIJING, CHINA. 'THE STUDY  
OF VETERINARY ACUPUNCTURE IN CHINA' STUDY ABROAD  
SUMMER 2010- OFFERED FOR 3 CREDITS  
Study Abroad Administrative Fee Applies

RES MTHD BIOMED SCI B M S 501 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A  
B M S FACULTY MEMBER  
6978005 ARRANGED  
MEETS: MAY 17-AUG 6

INTRO DNA TECHNIQS B M S 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7133005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 14-JULY 2

INTR PROTEIN TECHNQ B M S 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7134005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 12-30

SPCL TOPICS ANATOMY B M S 590A 1- 7 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOPIC PHARMACOL B M S 590C 1- 7 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT B M S 599 1- 3 CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM,  
PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS ANATOMY B M S 690A 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC PHYSIOLOGY B M S 690B 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC PHARMACOL B M S 690C 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SEMINAR B M S 698B 1 CREDIT  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
Satisfactory-Fail Only.  
6995005 ARRANGED  
MEETS: MAY 17-JULY 9

RESEARCH ANATOMY B M S 699A VAR. CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## BIOMEDICAL SCIENCES

(CONTINUED)

RESEARCH PHYSIOLOGY B M S 699B VAR. CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESRCH PHARMACOLOGY B M S 699C VAR. CREDITS  
Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

BIORENEW RSOURC LAB BRT 591L 1 CREDIT  
Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

## BIORENEWABLE RESOURCES &amp; TECHNOLOGY

## BUSINESS ADMINISTRATION

INTRO TO BUSINESS BUSAD 250 3 CREDITS  
Prereq: 101, 150 OR COM S 103  
8807005 A MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11  
8807010 B MTWRF 12:10-2:10  
MEETS: JUNE 14-JULY 9

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: Department permission required.  
Satisfactory-Fail Only.  
6723015 QH ARRANGED  
MEETS: MAY 17-AUG 6  
6723010 RD ARRANGED  
MEETS: MAY 17-AUG 6  
6723020 TC ARRANGED  
MEETS: MAY 17-AUG 6

COOPERATIVE EDUC BUSAD 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT  
Satisfactory-Fail Only.  
6147005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Permission of coordinator required.

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
Instructor permission required.  
3635005 ARRANGED  
MEETS: MAY 17-AUG 6

INDEPENDENT STUDY BUSAD 490G 1- 3 CREDITS  
Note: Instructor permission required.  
3634005 ARRANGED  
MEETS: MAY 17-AUG 6

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

EXP DOMESTIC INTERNS BUSAD 491A 1- 3 CREDITS  
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM  
COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING  
INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
PRIOR TO THE LEARNING EXPERIENCE.  
Note: Department permission required.  
Satisfactory-Fail Only.  
6722015 QH ARRANGED  
MEETS: MAY 17-AUG 6  
6722010 RD ARRANGED  
MEETS: MAY 17-AUG 6  
6722020 TC ARRANGED  
MEETS: MAY 17-AUG 6

EXP INT'L INTERNSHP BUSAD 491B 1- 3 CREDITS  
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM  
COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING  
INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
PRIOR TO THE LEARNING EXPERIENCE.  
Note: Department permission required.  
Satisfactory-Fail Only.  
7512010 QH ARRANGED  
MEETS: MAY 17-AUG 6  
7512005 RD ARRANGED  
MEETS: MAY 17-AUG 6  
7512015 TC ARRANGED  
MEETS: MAY 17-AUG 6

## BUSINESS ADMINISTRATION

(CONTINUED)

PRO EXPERIEN TL LRNG BUSAD 591 1- 3 CREDITS  
Prereq: GRADUATE STANDING; WRITTEN APPROVAL OF  
SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON  
REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE  
7533015 DK ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Department permission required.

7533005 HV ARRANGED  
MEETS: MAY 17-AUG 6  
Note: SEC HV OFFERED FOR 3 CREDITS  
Department permission required.

7533010 JM ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Department permission required.

7533025 MP ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Department permission required.

COOPERATIVE EDUCATN BUSAD 598 R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
7906005 ARRANGED  
MEETS: MAY 17-AUG 6

CREATIV COMP ACNTG BUSAD 599A 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP FINANC BUSAD 599C 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MANAGMT BUSAD 599E 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MARKTNG BUSAD 599F 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP LOGIST&SCM BUSAD 599H 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP MGT INF SY BUSAD 599K 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER&SCM BUSAD 599L 3 CREDITS  
Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BUSAD 699 3- 6 CREDITS  
Prereq: GRAD CLASSIF, PERMISSION OF MAJOR PROF  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**CHEMICAL ENGINEERING**

COOPERATIVE EDUC CH E 298 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGR LAB I CH E 325 2 CREDITS  
Prereq: 357, CREDIT OR ENROLLMENT IN 381  
Note: Available for nonmajor graduate credit  
Instructor permission required 1st week.  
5699005 A MTWR 9:00-12:00  
MTWR 1:00-5:00  
MEETS: MAY 17-JUNE 11  
Note: Materials fee \$65.00

FOREIGN STUDY PROG CH E 392 4 CREDITS  
Prereq: 391A, ENROLLMENT IN 391B  
Note: CREDIT FOR GRADUATION FOR 391 ALLOWABLE ONLY UPON  
COMPLETION OF CH E 392  
TE: SEC S1 TAUGHT IN OVIEDO, SPAIN. 'INTERNATIONAL  
SUMMER COURSE IN CHEMICAL ENGINEERING 2010. STUDY  
ABROAD SUMMER 2010  
Meets international perspectives reqmt  
Instructor permission required 1st week.  
2441800 SP ARRANGED JOLLS K  
MEETS: MAY 31-JULY 2  
Note: SEC S1 TAUGHT IN OVIEDO, SPAIN. 'INTERNATIONAL  
SUMMER COURSE IN CHEMICAL ENGINEERING 2010. STUDY  
ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies

## CHEMICAL ENGINEERING

(CONTINUED)

SUMMER INTERNSHIP CH E 396 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT EACH TIME TAKEN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC CH E 398 R CREDIT  
Prereq: 298, PERMISSN OF DEPARTMT EACH TIME TAKEN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGR LAB II CH E 426 2 CREDITS  
Prereq: 325, 358, 382  
Note: CREDIT FOR CH E 426 OR CH E 427, BUT NOT BOTH,  
MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO  
CH E SENIORS GRADUATING SUMMER 2010.  
Available for nonmajor graduate credit  
Instructor permission required 1st week.  
2448005 A MTWR 9:00-12:00  
MTWR 1:00-5:00  
MEETS: MAY 17-JUNE 11  
Note: Materials fee \$70.00

INDEPENDENT STUDY CH E 490 1- 6 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS CH E 490H 1- 6 CREDITS  
Prereq: MEMBERSHIP IN THE HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

UNDERGRAD RESEARCH CH E 499 3 CREDITS  
Prereq: PERMISSION OF DEPARTMENT  
Note: NO MORE THAN 6 CREDITS OF CH E 499 MAY BE APPLIED  
TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS CH E 590 2- 6 CREDITS  
2470022 DR ARRANGED  
MEETS: MAY 17-AUG 6

SP TOP ADV CNTL THY CH E 595B 2- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
2472005 ARRANGED  
MEETS: MAY 17-AUG 6

CREATIVE COMPONENT CH E 599 VAR. CREDITS  
2478005 ARRANGED  
MEETS: MAY 17-AUG 6

ENGINEER INTERNSHIP CH E 697 R CREDIT  
Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF  
2116005 ARRANGED  
MEETS: MAY 17-AUG 6

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

**CHEMISTRY**

COLLEGE CHEM PREP CHEM 50 0 CREDITS  
Prereq: ONE YEAR OF HIGH SCHOOL ALGEBRA  
Note: CREDIT FOR CHEM 50 DOES NOT APPLY TOWARD  
GRADUATION  
4523005 MTWRF 9:50-11:50  
MEETS: JULY 19-AUG 13  
Section info: <http://avogadro.chem.iastate.edu/chem50/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem50/syllabus.html>

GENERAL CHEMISTRY I CHEM 177 4 CREDITS  
Prereq: MATH 140 OR H.S. EQUIVALENT AND CHEM 50,  
155 OR 1 YR H.S. CHEM AND CR OR ENROLLMENT IN 177L.  
CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.  
Note: CREDIT FOR ONLY ONE OF CHEM 163, CHEM 165,  
CHEM 167, CHEM 177, CHEM 201 (AND ACCOMPANYING LABS)  
MAY BE APPLIED TOWARD GRADUATION  
Department permission required 1st week.  
2495005 A1 MTWRF 9:50-10:50  
TR 11:00-12:00  
MEETS: MAY 17-JULY 9  
Section info: <http://avogadro.chem.iastate.edu/chem177/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495010 A2 MTWRF 9:50-10:50  
TR 11:00-12:00  
MEETS: MAY 17-JULY 9  
Section info: <http://avogadro.chem.iastate.edu/chem177/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

## CHEMISTRY

(CONTINUED)

LAB GENERAL CHEM I CHEM 177L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 177  
Note: CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L.  
Department permission required 1st week.  
2496005 A MW 11:00-2:00  
MEETS: MAY 17-JULY 9  
Note: Materials fee \$33.00  
Section info: <http://avogadro.chem.iastate.edu/chem177/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem177/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

UNDERGRAD RESEARCH CHEM 399 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION  
Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CHEM 490 VAR. CREDITS  
Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION  
Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION  
2527005 ARRANGED  
MEETS: MAY 17-AUG 6

COOPERATIVE EDUCATN CHEM 498 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
4841005 ARRANGED  
MEETS: MAY 17-AUG 6

SENIOR RESEARCH CHEM 499 2- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; B AVG IN ALL CHEMISTRY, PHYSICS, AND MATHEMATICS COURSES  
Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

SEMINR INORGN CHEM CHEM 600 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
2563005 ARRANGED  
MEETS: MAY 17-AUG 6

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

## CIVIL ENGINEERING

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

PRIN ENVIRONMT ENGR C E 326 3 CREDITS  
Prereq: CHEM 167 OR 178, MATH 166, CREDIT OR ENROLLMENT IN E M 378  
Note: Available for nonmajor graduate credit  
2284005 1 ARRANGED  
MEETS: JUNE 14-AUG 6

STRUCTURAL ANALYS I C E 332 3 CREDITS  
Prereq: E M 324  
Note: Available for nonmajor graduate credit  
2285005 1 MWF 7:30-8:30  
TR 7:30-9:40  
MEETS: MAY 17-JULY 9

STRUCT STEEL DSGN I C E 333 3 CREDITS  
Prereq: 332, E M 327  
Note: Available for nonmajor graduate credit  
2286005 1 MTR 9:50-10:50  
WF 8:40-10:50  
MEETS: MAY 17-JULY 9

REIN CONCRETE DSN I C E 334 3 CREDITS  
Prereq: 332, E M 327  
Note: Available for nonmajor graduate credit  
2287005 1 MWF 7:30-8:30  
TR 7:30-9:40  
MEETS: MAY 17-JULY 9

## CIVIL ENGINEERING

(CONTINUED)

GEOTECHNICL ENGNRNG C E 360 3 CREDITS  
Prereq: E M 324, CREDIT OR ENROLLMENT IN GEOL 201  
Note: Available for nonmajor graduate credit  
2291005 1 ARRANGED  
MEETS: JUNE 14-AUG 6  
Note: Materials fee \$10.00-\$40.00

SUMMER INTERNSHIP C E 396 R CREDIT  
Prereq: PERMISSION OF DEPT AND ENGR CAREER SERVICES, COMPLETION OF 2 TERMS IN RESIDENCE IN CIVIL ENGR, EMPLOYMENT IN CIVIL ENGR OR RELATED FIELD  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC C E 398 R CREDIT  
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGR CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY C E 490 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C E 490H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC C E 498 R CREDIT  
Prereq: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP ADV BLDG CN C E 594L 1- 3 CREDITS  
Prereq: CON E 322, CON E 340 OR C E 306, AND PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
2186005 TR 9:50-12:40  
MEETS: MAY 17-JULY 9

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

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

ENGINEER INTERNSHIP C E 697 R CREDIT  
Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF  
Note: Department permission required.  
Satisfactory-Fail Only.  
7416005 ARRANGED  
MEETS: MAY 17-AUG 6

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

## CLASSICAL STUDIES

INDEPENDENT STUDY CL ST 490 1- 6 CREDITS  
Prereq: 7 CR IN CL ST AT 200 LEVEL OR HIGHER; PERMISSION OF THE PROGRAM CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## COMMUNICATION DISORDERS

BASIC SIGN LANGUAGE CMDIS 286 3 CREDITS  
Note: Meets U.S. diversity reqmt  
2612005 A MTWRF 11:00-1:00  
MEETS: MAY 17-JUNE 11

## COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CREDITS  
7918005 MTWRF 2:30-4:30  
MEETS: MAY 17-JUNE 11

INTRO INTERPRS COMM COMST 102 3 CREDITS  
8105005 1 MTWRF 9:00-11:50  
MEETS: MAY 17-JUNE 4

INTRO COM RSRCH MTD COMST 203 3 CREDITS  
5123005 1 MTWRF 2:30-3:50  
MEETS: MAY 17-JUNE 25

HUMAN COMMUNIC THRY COMST 301 3 CREDITS  
Prereq: 101  
6593005 MTWRF 12:10-2:10  
MEETS: MAY 17-JUNE 11

## COMMUNICATION STUDIES (CONTINUED)

GENDER & COMMUNICTN COMST 323 3 CREDITS  
 Prereq: SP CM 212  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 3339005 MTWRF 12:10-2:20  
 MEETS: MAY 17-JUNE 11

INDEPENDENT STUDY COMST 490 1- 3 CREDITS  
 Prereq: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROFESSNL INTERNSHP COMST 499 1- 3 CREDITS  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**COMMUNITY & REGIONAL PLANNING**

PRACTICUM C R P 330 1- 3 CREDITS  
 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING  
 Satisfactory-Fail Only.  
 2386005 ARRANGED  
 MEETS: MAY 17-AUG 6

FIELD TRAVEL C R P 391 1- 2 CREDITS  
 Prereq: C R P MAJOR, PERMISSION OF ADVISER  
 Satisfactory-Fail Only.  
 2402800 IT ARRANGED  
 MEETS: JUNE 3-30  
 Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
 DESIGN SUMMER ROME PROGRAM  
 Field trips & travel fee \$200.00-\$1,000.00  
 Study Abroad Administrative Fee Applies

PRO WORK EXPERIENCE C R P 410 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT CHAIR  
 2710005 ARRANGED  
 MEETS: MAY 17-AUG 6

SUSTAINABLE COMMUNT C R P 484 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 7041800 IT ARRANGED BORICH T  
 MEETS: JULY 5-30  
 Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
 DESIGN SUMMER ROME PROGRAM  
 Materials, field trips &/or travel fee  
 \$0.00-\$100.00  
 Study Abroad Administrative Fee Applies

INDEPENDENT STUDY C R P 490 1- 3 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND  
 DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C R P 490H 1- 3 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND  
 DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN  
 UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SR PLANNING SEMINAR C R P 494 1- 3 CREDITS  
 Prereq: SR CLASSIF, CREDIT OR ENROLLMENT IN 332  
 2403800 IT ARRANGED HADDAD M  
 MEETS: JUNE 3-30  
 Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
 DESIGN SUMMER ROME PROGRAM  
 Materials, field trips &/or travel fee \$0.00-\$20.00  
 Study Abroad Administrative Fee Applies

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 17-AUG 6

SUSTAINBLE COMMUNIT C R P 584 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 7043800 IT ARRANGED BORICH T  
 MEETS: JULY 5-30  
 Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
 DESIGN SUMMER ROME PROGRAM  
 Materials, field trips &/or travel fee  
 \$0.00-\$100.00  
 Study Abroad Administrative Fee Applies

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

## COMMUNITY &amp; REGIONAL PLANNING (CONTINUED)

SPL TOPC ECON DEVEL C R P 590B 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN C R P 590C 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUS&URB RV C R P 590D 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INT'L PLAN C R P 590N 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH C R P 590O 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN C R P 590P 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS C R P 590R 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRO PLANNING REPORT C R P 599 VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CREDITS  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**COMPUTER ENGINEERING**

DIG LOGC,PROCSR,P I CPR E 281 4 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 7321005 A MTWRF 9:50-10:50  
 TR 2:30-5:30  
 MEETS: MAY 17-JULY 9

COOPERATIVE EDUCATN CPR E 298 R CREDIT  
 Prereq: PERMSSN OF DEPRTMNT AND ENGEENRNG CAREER  
 SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

COOPERATIVE EDUCATN CPR E 398 R CREDIT  
 Prereq: 298, PERMSSN OF DEPARTMNT AND ENGINEERING  
 CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

## COMPUTER ENGINEERING (CONTINUED)

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

COOPERATIVE EDUCATN CPR E 498 R CREDIT  
Prereq: 398, PERMSSN OF DEPARTMNT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

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

ENGINEERG INTERNSHP CPR E 697 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR AND ENGINEERING  
CAREER SERVICES, GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7420005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Department permission required.

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

**COMPUTER SCIENCE**

COMPUTER APPLICATNS COM S 103 4 CREDITS  
2673005 1 ARRANGED  
MEETS: JUNE 14-AUG 6  
Note: Course delivery is WWW  
Section info: http://www.cs.iastate.edu/~cs103w

2673010 2 ARRANGED  
MEETS: JUNE 14-AUG 6  
Note: Course delivery is WWW  
Section info: http://www.cs.iastate.edu/~cs103w

2673015 3 ARRANGED  
MEETS: JUNE 14-AUG 6  
Note: Course delivery is WWW  
Section info: http://www.cs.iastate.edu/~cs103w

APP COMPUTER PROGRM COM S 107 3 CREDITS  
2674005 A ARRANGED  
MEETS: MAY 17-JULY 9  
Note: Course delivery is WWW

PROGRAMMING I COM S 207 3 CREDITS  
Prereq: MATH 150 OR PLACEMENT INTO MATH  
140/141/142 OR HIGHER  
Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT  
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

9235005 MTWRF 11:00-12:00  
TR 1:20-2:20  
MEETS: JUNE 14-AUG 6

INTR OBJT ORIEN PRG COM S 227 4 CREDITS  
Note: CREDIT FOR EITHER COM S 227 OR COM S 207, BUT  
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

9237005 A MTWRF 9:50-10:50  
TR 12:10-2:10  
MEETS: MAY 17-JULY 9

INTRO DATA STRUCTUR COM S 228 3 CREDITS  
Prereq: C- OR BETTER IN 227, CREDIT OR ENROLLMENT  
IN MATH 165

9238005 A MTWRF 11:00-12:00  
MW 2:30-3:30  
MEETS: MAY 17-JULY 9

INDEPENDENT STUDY COM S 290 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
Satisfactory-Fail Only.

2680005 ARRANGED  
MEETS: MAY 17-AUG 6

DSN&ANALYSIS ALGRTH COM S 311 3 CREDITS  
Prereq: 228 WITH C- OR BETTER, MATH 166,  
ENGL 250 OR ENGL 105, AND COM S 330 OR CPR E 310  
Note: CREDIT FOR EITHER COM S 311 OR COM S 381, BUT  
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
Available for nonmajor graduate credit

2683005 A MTWRF 8:40-9:40  
TR 11:00-12:00  
MEETS: MAY 17-JULY 9

INTR DATABS MGT SYS COM S 363 3 CREDITS  
Prereq: 228 WITH C- OR BETTER, ENGL 250  
OR ENGL 105  
Note: Available for nonmajor graduate credit

2689005 A MTWRF 12:10-2:10  
MEETS: MAY 17-JUNE 25

## COMPUTER SCIENCE (CONTINUED)

COOPERATIVE EDUCATN COM S 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
2691005 ARRANGED  
MEETS: MAY 17-AUG 6

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

SPECIAL TOPICS COM S 590 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

GRADUATE INTERNSHIP COM S 598 R CREDIT  
Prereq: GRADUATE CLASSIFICATION  
5627005 ARRANGED  
MEETS: MAY 17-AUG 6

CREATIVE COMPONENT COM S 599 1- 3 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COM S 610 VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COM S 699 VAR. CREDITS  
Prereq: APPROVAL OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**CONSTRUCTION ENGINEERING**

COOPERATIVE EDUCATN CON E 298 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING LAW CON E 380 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Available for nonmajor graduate credit

5102005 1 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9

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

COOPERATIVE EDUCATN CON E 398 R CREDIT  
Prereq: 298, PERMISSION OF DEPT AND ENGINEERING  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

COOPERATIVE EDUCATN CON E 498 R CREDIT  
Prereq: 398, PERMISSION OF DEPT AND ENGINEERING  
CAREER SERVICES  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**CRIMINAL JUSTICE STUDIES**

PHILOSOPHY OF LAW CJ ST 332 3 CREDITS  
Prereq: PHIL 201 OR 230  
Note: Available for nonmajor graduate credit  
Instructor permission required 1st week.

2578005 MTWRF 9:50-11:10  
MEETS: MAY 17-JUNE 25

CRIM & JUV JUST PRAC CJ ST 460 3-12 CREDITS  
Prereq: JR OR SR CLASSIFICATION; PERMISSION  
OF CJ ST COORDINATOR; MAJOR OR MINOR IN SOC,  
OR CJ ST MINOR  
Satisfactory-Fail Only.

2581005 A ARRANGED  
MEETS: MAY 17-AUG 6

**CURRICULUM & INSTRUCTION**

DIGITAL LEARN 7-12 C I 202 3 CREDITS  
2464005 1 MWF 8:40-9:40  
TR 8:40-10:40  
MEETS: JUNE 14-AUG 6  
Note: Materials and equipment use fee \$20.00

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

SOC FOUND AMER EDUC C I 204 3 CREDITS  
6278005 A MWF 9:50-12:20  
MEETS: JUNE 14-JULY 23

RDG&LANG ARTS K-3RD C I 377 4 CREDITS  
Prereq: C I 245, SP ED 250, HD FS 240, HD FS 226  
(EL ED MAJORS) OR 221 (ECE MAJORS); CONCURRENT ENR IN  
448, 468A, 468C (EL ED) OR 438, 468F, 468G, SP ED  
368, HD FS 343 (ECE), ADMISSION TO TEACHER ED PROGRAM  
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL  
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
PROGRAM. TAKE CONCURRENTLY WITH 468A,448,468C.  
2066005 1 MTWR 12:00-3:20  
MEETS: MAY 10-JUNE 10

RDG&LANG ARTS 4TH-6 C I 378 4 CREDITS  
Prereq: 377; CONCURRENT ENRLMNT IN 449,468B,468D  
Note: COURSE RESTRICTED TO EL ED MAJORS. TAKE  
CONCURRENTLY WITH 468D,378,468B.  
Department permission required 1st week.  
2078005 1 MTWR 8:00-11:20  
MEETS: MAY 10-JUNE 10

MIDL SCHL STD GRWTH C I 401 3 CREDITS  
Prereq: PSYCH 230  
2465005 F 5:00-8:00PM  
S 8:00-4:00  
MEETS: MAY 14-JUNE 12  
Note: NO MEETINGS MEMORIAL DAY WEEKEND

MIDL SCHL CURR DSGN C I 402 3 CREDITS  
Prereq: 401, ADMISSION TO TEACHER EDUCATION  
2497005 MTWRF 1:00-3:20  
MEETS: JUNE 14-JULY 9

INTRO MLTCULTRL FND C I 406 3 CREDITS  
Prereq: 201 OR 202, 332 OR 333, JUNIOR  
CLASSIFICATION, ADMISSION TO TEACHER EDUC PROGRAM  
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION  
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
Meets U.S. diversity reqmt  
6292005 A MTWRF 2:40-5:00  
MEETS: MAY 17-JUNE 11

PRINCIPLS SECNDY ED C I 426 3 CREDITS  
Prereq: 202, SR CLASSIFICATION, ADMISSION TO  
TEACHER EDUCATION PROGRAM  
Note: CONCURRENT ENROLLMENT IN 415 REQUIRED.  
RESTRICTED TO STUDENTS WITH FULL ADMISSION  
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
6293005 1 MTWRF 1:20-3:30  
MEETS: JUNE 14-JULY 9

TCHG OF SOC STUDIES C I 443 3 CREDITS  
Prereq: 377  
Note: COURSE RESTRICTED TO EL ED MAJORS ONLY  
Department permission required 1st week.  
3258005 1 MTWRF 9:50-11:50  
MEETS: JULY 12-AUG 6

TCHNG 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 8:40-11:00  
MEETS: MAY 10-JUNE 4

TEACHING OF SCIENCE C I 449 3 CREDITS  
Prereq: 377, CONCURRENT ENROLLMENT IN 378, 468B  
468D, 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 12:10-2:30  
MEETS: MAY 10-JUNE 4

RDNG&LANGUAG TCHNOL C I 456 3 CREDITS  
Prereq: 201 OR 202, 377  
Note: Department permission required 1st week.  
3257005 1 MTWRF 9:50-12:00  
MEETS: JUNE 7-JULY 2

PRA PRIMRY RDG&LANG C I 468A 1 CREDIT  
Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL  
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
PROGRAM. TAKE CONCURRENTLY WITH 377,448,468C.  
Department permission required 1st week.  
Satisfactory-Fail Only.  
3265005 1 MTWRF 7:30-12:30  
MEETS: JUNE 11-JULY 2  
Note: Professional support, field trips &/or  
travel fee \$51.75

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

PRA RDG&LANG INTRMD C I 468B 1 CREDIT  
Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
Note: RESTRICTED TO EL ED MAJORS WITH FULL 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: JUNE 11-JULY 2  
Note: Professional support, field trips &/or  
travel fee \$51.75

TCHG PRACTICUM MATH C I 468C 1 CREDIT  
Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL  
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
PROGRAM. MUST BE TAKEN CONCURRENTLY WITH 448,468A,377  
Department permission required 1st week.  
Satisfactory-Fail Only.  
3267005 1 MTWRF 7:30-12:30  
MEETS: JUNE 11-JULY 2  
Note: Professional support, field trips &/or  
travel fee \$51.75

TCHNG PRACTICUM SCI C I 468D 1 CREDIT  
Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL  
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION  
PROGRAM. CONCURRENTLY WITH 449,378,468B.  
Department permission required 1st week.  
Satisfactory-Fail Only.  
3268005 1 MTWRF 7:30-12:30  
MEETS: JUNE 11-JULY 2  
Note: Professional support, field trips &/or  
travel fee \$51.75

PRACT READNG ENDORS C I 468R 1 CREDIT  
Prereq: PERMISSION OF DEPT; CONCURRENT ENR IN 378  
ADMISSION TO TEACHER EDUC PROGRAM  
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION  
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
Department permission required 1st week.  
Satisfactory-Fail Only.  
4300005 MTWRF 7:30-12:30  
MEETS: JUNE 11-JULY 2  
Note: Professional support, field trips &/or  
travel fee \$58.00

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

IND STDY METHD TCHG C I 490E 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY EDUC PSYCH C I 490F 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C I 490H 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST/SOC SC C I 490K 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU MATH EDUC C I 490M 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU WORLD LANGU C I 490N 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOUND EDUC C I 490O 1- 3 CREDITS  
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TCHNOL IN TEACH&LRN C I 505 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2796005 1 TWR 5:00-8:30PM  
MEETS: JULY 6-29

INTRO SCIENCE TEACH C I 514 2 CREDITS  
Prereq: ADMISSION TO M.A.T. PROGRAM  
8372005 MW 5:30-8:30PM  
ARRANGED  
MEETS: MAY 10-28

PRIN SECONDARY EDUC C I 526 3 CREDITS  
Prereq: 6 CREDITS IN EDUCATION  
7724005 1 MTWRF 1:20-3:30  
MEETS: JUNE 14-JULY 9



## CURRICULUM &amp; INSTRUCTION (CONTINUED)

ED PSY&SECNDY CLSRM C I 529 3 CREDITS  
Prereq: BACHELOR'S DEGREE, ADMISSION INTO A  
GRADUATE-LEVEL TEACHER LICENSURE PROGRAM  
8674005 1 MTWRF 8:40-10:40PM  
MEETS: JUNE 14-JULY 9

ADV PEDAG SCIENC ED C I 546 3 CREDITS  
Prereq: BACHELOR'S DEGREE  
3527005 1 MTWRF 2:30-4:30  
MEETS: MAY 10-JUNE 4

RESTRUC SCIENC ACTV C I 548 3 CREDITS  
Prereq: ADMISSION TO TEACHER EDUCATION OR  
TEACHING LICENSE  
8417005 MTWRF 11:00-2:20  
MEETS: MAY 10-28

CORRECTIVE READING C I 552 3 CREDITS  
Prereq: 378 OR EQUIV; UNDERGRAD STUDENTS MUST  
REGISTER CONCURRENTLY FOR SP ED 365, 436; GRADUATE  
STUDENT MUST HAVE A TEACHING LICENSE  
3276005 1 MTWR 9:30-12:00  
MEETS: JUNE 7-JULY 1  
3276010 2 MTWR 9:30-12:00  
MEETS: JULY 12-AUG 6

RDNG MILD/MO DISABL C I 553 3 CREDITS  
Prereq: TEACHING LICENSE  
7267005 1 MTWR 1:00-3:30  
MEETS: JULY 12-AUG 6

LITRACY, LDRSHP, ADVO C I 555X 3 CREDITS  
Prereq: GRADUATE STANDING; CONSENT OF LITERACY  
EDUCATION FACULTY  
9148005 MTWR 9:30-12:00  
MEETS: JUNE 7-JULY 1

TCHNOL IN READ&LANG C I 556 3 CREDITS  
Prereq: TEACHING LICENSE  
1285005 1 MTWRF 9:50-12:00  
MEETS: JUNE 7-JULY 2

TCH MATH STRUGG SEC C I 567 3 CREDITS  
Prereq: SECONDARY TEACHING EXPERIENCE  
2054005 MTWR 12:10-3:10  
MEETS: JUNE 14-JULY 9

TECHNLGY FOR TEACHR C I 570 2 CREDITS  
Prereq: C I 201 OR 202, NON-ENGINEERING MAJOR  
5622005 MTWRF 8:30-11:30  
MTWRF 12:30-3:30  
MEETS: JUNE 7-11

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 MTWR 12:30-3:00  
ARRANGED  
MEETS: JUNE 7-JULY 1  
9245010 2 MTWR 12:30-3:00  
ARRANGED  
MEETS: JULY 12-AUG 6

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

SP TOP INSTR TECHNO C I 590B 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

SPCL TOPICS ELEM ED C I 590I 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WORLD LANGU C I 590J 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

SPL TOP EDUC PSYCH C I 590K 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL STDI C I 590L 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

CRTV COMP SECNDR ED C I 599D 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

CRTV COMP MATH EDUC C I 599G 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPON ELEM ED C I 599I 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP EDU PSYCH C I 599K 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP LITERC ED C I 599M 1- 3 CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

ADV SPL TOP INS TCH C I 690B VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

ADV SPCL TOP SEC ED C I 690D VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP 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 WRL LANG C I 690J VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC C I 690K VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP SOC STU C I 690L VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH CURRICULUM C I 699A VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RES INSTRUC TECHNOL C I 699B VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## CURRICULUM &amp; INSTRUCTION (CONTINUED)

RESRCH SCIENCE EDUC C I 699C VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC C I 699D VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES MULTICULTURL ED C I 699F VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MATH EDUC C I 699G VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC C I 699I VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH WRLD LANGU ED C I 699J VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH EDUC PSYCHOL C I 699K VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOC STUDI ED C I 699L VAR. CREDITS  
Prereq: 9 GRADUATE CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

**DANCE**

BALLROOM DANCE I DANCE 160 1 CREDIT  
Satisfactory-Fail Only.  
2842005 1 MTWRF 8:40-9:40  
MEETS: MAY 17-JUNE 25  
Note: SECTION 1 FOR WOMEN ONLY  
Materials and professional support fee \$10.00  
2842010 2 MTWRF 8:40-9:40  
MEETS: MAY 17-JUNE 25  
Note: SECTION 2 FOR MEN ONLY  
Materials and professional support fee \$10.00

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

**DESIGN STUDIES**

HISTORY OF ART II DSN S 281 3 CREDITS  
Note: Meets international perspectives reqmt  
2637005 MWF 9:50-12:00  
MEETS: MAY 17-JULY 9  
Note: Field trips & travel fee \$0.00-\$15.00

TOPIC URBAN DESIGN DSN S 478F 2-3 CREDITS  
Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
8283800 IT ARRANGED MARTIN M  
MEETS: JUNE 3-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM  
Materials, field trips &/or travel fee  
\$0.00-\$300.00  
Study Abroad Administrative Fee Applies

SUSTAINABLE COMMUNT DSN S 484 3 CREDITS  
Prereq: SENIOR CLASSIFICATION  
7042800 IT ARRANGED BORICH T  
MEETS: JULY 5-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM  
Materials, field trips &/or travel fee  
\$0.00-\$100.00  
Study Abroad Administrative Fee Applies

TOPICS IN ART HIST DSN S 498 3 CREDITS  
Note: Instructor permission required 1st week.  
2788005 1 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
Note: SEC 1 TOPIC: SEQUENTIAL ART, COMIC STRIPS,  
COMIC BOOKS AND GRAPHIC NOVELS  
Field trips & travel fee \$0.00-\$15.00

TOP STDI ARCH&CULTR DSN S 528A 2-3 CREDITS  
Prereq: ARCH 221, 222 OR SR CLASSIF OR GRAD  
STANDING  
1716005 1 ARRANGED  
MEETS: MAY 17-JULY 9  
Note: SECTION 1 TOPIC: LOS ANGELES ARCHITECTURE  
Field trips & travel fee \$5.00-\$820.00  
1716010 2 MW 9:00-12:00  
MEETS: MAY 17-JULY 9  
Note: SECTION 2 TOPIC: AESTHETICS AND ARCHITECTURE  
Field trips & travel fee \$5.00-\$820.00

## DESIGN STUDIES (CONTINUED)

SUSTAINABLE COMMUNT DSN S 584 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
7045800 IT ARRANGED BORICH T  
MEETS: JULY 5-30  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN SUMMER ROME PROGRAM  
Materials, field trips &/or travel fee  
\$0.00-\$100.00  
Study Abroad Administrative Fee Applies

TOPICS IN ART HIST DSN S 598 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION, INSTR PERMISSION  
3200005 1 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
Note: SEC 1 TOPIC: SEQUENTIAL ART, COMIC STRIPS,  
COMIC BOOKS AND GRAPHIC NOVELS  
Field trips & travel fee \$0.00-\$15.00

**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 & ORGANISMAL BIOL**

INTRO DNA TECHNIQS EEOB 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7105005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 14-JULY 2

INTR PROTEIN TECHNQ EEOB 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7109005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 12-30

ECOL & SYST DIATOMS EEOB 580I 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3889005 MTWRF 8:00-5:00  
MEETS: MAY 24-JUNE 18  
Note: Tuition Category: Iowa Lakeside Lab

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

GRAD IND STDY IA LL EEOB 590I 1-4 CREDITS  
Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3981005 1 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

CREATIVE COMPONENT EEOB 599 VAR. CREDITS  
2145005 ARRANGED  
MEETS: MAY 17-AUG 6

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

RESEARCH - IA LL EEOB 699I 1-4 CREDITS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
5628005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

**ECONOMICS**

PRIN MICROECONOMICS ECON 101 3-4 CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
3100005 1 MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
Syllabus: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100010 2 MTWRF 11:00-12:00  
MEETS: JUNE 14-AUG 6  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
Syllabus: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

## ECONOMICS

(CONTINUED)

PRIN MACROECONOMICS ECON 102 3 CREDITS  
Prereq: 101 RECOMMENDED  
3099005 1 MTWRF 8:40-9:40  
MEETS: MAY 17-JULY 9  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INTERMED MICROECON ECON 301 3- 4 CREDITS  
Prereq: 101; MATH 160 OR 165  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
Available for nonmajor graduate credit  
3101005 1 MTWRF 9:50-10:50  
MEETS: JUNE 14-AUG 6  
Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INDEPENDENT STUDY ECON 490 1- 5 CREDITS  
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON  
Note: COLLEGE OF AG STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 490H 1- 5 CREDITS  
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.  
AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.  
Note: COLLEGE OF AG STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.  
RESTRICTED TO UNIVERSITY HONORS PROGRAM STUDENTS ONLY  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ECON TRAVEL COURSE ECON 496 1- 3 CREDITS  
Prereq: SOPHOMORE STATUS, PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
Meets international perspectives reqmt  
5225800 GR ARRANGED NOE S  
MEETS: MAY 9-18  
Note: SEC GR TAUGHT IN GREECE: THESSALONIKI & ATHENS. AGRICULTURAL INNOVATION & ENTREPRENEURSHIP IN GREECE. STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies

SPECIAL TOPICS ECON 590 1- 5 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1- 5 CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

WORKSHOP ECON 693 1- 3 CREDITS  
Prereq: 6 GRADUATE CREDITS IN CHOSEN FIELD  
Satisfactory-Fail Only.  
8649005 ARRANGED  
MEETS: MAY 17-AUG 6

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

**EDUCATIONAL ADMINISTRATION**

SPECIAL TOPICS EDADM 590 1- 4 CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP ELEM PRINCI EDADM 591A 1- 6 CREDITS  
Prereq: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL  
9422600 XA ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Section XA is off campus  
Course delivery is Independent study

FLD EXP SECOND PRIN EDADM 591B 1- 6 CREDITS  
Prereq: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL  
9423600 XA ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Section XA is off campus  
Course delivery is Independent study

ADV SPECIAL TOPICS EDADM 690 1- 3 CREDITS  
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## EDUCATIONAL ADMINISTRATION

(CONTINUED)

INTERNSHIP EDADM 691 1- 3 CREDITS  
Prereq: 541, ADMISSION TO PROGRAM, INSTR APPROVAL  
6849600 XA ARRANGED BOOK M  
MEETS: MAY 17-AUG 6  
Note: Section XA is off campus  
Course delivery is On-site instruction

DISSERTATN RESEARCH EDADM 699 VAR. CREDITS  
Prereq: 9 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**EDUCATIONAL LEADERSHIP & POLICY ST**

CAPSTONE EXPERIENCE EL PS 616 3 CREDITS  
Prereq: 4 CREDITS OF 615  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ELECTRICAL ENGINEERING**

ELECTRIC CIRCUITS E E 201 4 CREDITS  
Prereq: CR OR REGISTRATN 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  
MW 2:30-4:30  
MEETS: MAY 17-JULY 9  
Note: Materials fee \$60.00

ELECTRON CIRCTS&SYS E E 230 4 CREDITS  
Prereq: 201, MATH 267, PHYS 222  
4639005 1 MTWRF 11:00-12:00  
MW 8:00-11:00  
MEETS: MAY 17-JULY 9  
Note: Materials fee \$50.00  
4639010 2 MTWRF 11:00-12:00  
TR 8:00-11:00  
MEETS: MAY 17-JULY 9  
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

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: 298, PERMISSION OF DEPARTMENT AND ENGINEER CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTDISCP SYS EFFCTV E E 409 3 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION  
Note: Available for nonmajor graduate credit  
5944005 A MTWRF 8:30-5:30  
MEETS: MAY 10-21  
Note: MEETS 8:30-4:30 MAY 10-14; MEETS 1-5:30 MAY 17-21

MICROELEC FABRICATN E E 432 4 CREDITS  
Prereq: PHYS 222, MATH 267. E E 332 OR MAT E 334 RECOMMENDED.  
Note: Available for nonmajor graduate credit  
9222005 1 ARRANGED  
MEETS: JUNE 14-AUG 6  
Note: Materials fee \$300.00

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: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FILTER DESIGN &APPL E E 508 4 CREDITS  
Prereq: 501  
1136005 A ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Instructor permission required.

MICROEL FABRIC TCHQ E E 532 4 CREDITS  
Prereq: PHYS 222, MATH 265. EE 332 OR MAT E 331 RECOMMENDED  
8880005 1 ARRANGED  
MEETS: JUNE 14-AUG 6  
Note: Materials fee \$300.00

## ELECTRICAL ENGINEERING (CONTINUED)

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

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

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

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

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

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

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

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

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

ENGINEERG INTERNSHP E E 697 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR AND ENGINEERING CAREER SERVICES, GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
5716005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Department permission required.

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

**ENGINEERING**

ENGR PROB & CPR LAB ENGR 160 3 CREDITS  
Prereq: SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 142, 165  
2946005 MTWR 11:00-12:50  
MEETS: JUNE 14-AUG 6

SUMMER INTERNSHIP ENGR 396 R CREDIT  
Prereq: PERMISSION OF ENGR STUDENT SERVICES ADVISER AND ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROFSSNL INTERNSHIP ENGR 397 R CREDIT  
Prereq: PERMISSION OF ADVISER AND ENGINEERING COLLEGE CLASSIFICATION OFFICER  
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 221  
3004005 1 MTWR 8:40-9:40  
ARRANGED  
MEETS: MAY 17-JULY 9

MECHAN OF MATERIALS E M 324 3 CREDITS  
Prereq: 274  
Note: Available for nonmajor graduate credit  
3007005 1 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9

MECH OF MATERLS LAB E M 327 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 324  
Note: Available for nonmajor graduate credit  
3008005 1 TR 11:00-1:00  
MEETS: MAY 17-JULY 9  
3008010 2 TR 8:40-10:40  
MEETS: JUNE 22-AUG 5  
Note: SECTION 2 RESTRICTED TO C E MAJORS NEW TO ISU SUMMER 2010  
3008015 3 TR 2:30-4:30  
MEETS: JUNE 22-AUG 5  
Note: SECTION 3 RESTRICTED TO C E MAJORS NEW TO ISU SUMMER 2010

DYNAMICS E M 345 3 CREDITS  
Prereq: 274, CR OR ENROLLMENT IN MATH 266 OR 267  
Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY Available for nonmajor graduate credit  
3010005 1 MTWRF 8:40-9:40  
MEETS: MAY 17-JULY 9

## ENGINEERING MECHANICS (CONTINUED)

MECHANICS OF FLUIDS E M 378 3 CREDITS  
Prereq: 274  
Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY Available for nonmajor graduate credit  
3013005 1 MTWRF 7:30-8:30  
M 1:20-3:20  
MEETS: MAY 17-JULY 9

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

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

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

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

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

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

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

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

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

SPL TOP RELIAB&FAIL E M 690R 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 690S 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP E M 697 R CREDIT  
Prereq: PERMISSION OF DOGE, GRAD CLASSIFICATION  
Satisfactory-Fail Only.  
8134005 ARRANGED  
MEETS: MAY 17-AUG 6

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

INTENSIVE ENGLISH ENGL 10B 0 CREDITS  
Note: Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CREDITS  
Note: Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGLISH NONNATIV II ENGL 101C 3 CREDITS  
Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION  
Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION  
3295005 1 MTWR 12:10-2:10  
MEETS: JUNE 14-JULY 15  
3295010 2 MTWR 9:50-11:50  
MEETS: JUNE 14-JULY 15

## ENGLISH

(CONTINUED)

ENGLISH NONNATIV II ENGL 101D 3 CREDITS  
Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN  
VARIOUS SECTIONS DETERMINED BY EXAMINATION  
Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.  
ENGL 101D DOES NOT APPLY TOWARD GRADUATION.  
3296005 1 MTWRF 8:40-9:40  
MEETS: JUNE 14-AUG 6

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN LIB 160  
Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB  
3298005 A MTWRF 8:40-9:40  
MEETS: JUNE 14-AUG 6  
3298015 B MTWRF 9:50-10:50  
MEETS: JUNE 14-AUG 6  
3298025 C MWR 1:00-2:20  
T 1:00-2:20  
MEETS: JUNE 14-AUG 6  
Note: SECTION C FOR APEX PROGRAM STUDENTS ONLY.  
MEETS TUESDAY IN ROSS HALL COMPUTER ROOM.

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
Prereq: 150 OR EXEMPTION FROM 150; CREDIT FOR OR  
CONCURRENT ENROLLMENT IN LIB 160  
Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB  
3299005 A MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
3299010 B MTWRF 9:50-10:50  
MEETS: JUNE 14-AUG 6  
3299015 C MTWRF 11:00-12:00  
MEETS: JUNE 14-AUG 6

BUSINESS COMMUNICAT ENGL 302 3 CREDITS  
Prereq: 250, JUNIOR CLASSIFICATION  
Note: COURSE NOT OPEN TO FRESHMEN AND SOPHOMORES.  
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB.  
3314005 1 MTWRF 8:40-9:40  
MEETS: MAY 17-JULY 9  
3314010 2 MTWRF 8:40-9:40  
MEETS: MAY 17-JULY 9  
3314015 3 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
3314020 4 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
3314025 5 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
3314030 6 MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9  
3314035 7 MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9  
3314040 8 MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9  
3314045 9 MTWRF 12:10-1:10  
MEETS: MAY 17-JULY 9  
3314050 10 MTWRF 1:20-2:20  
MEETS: MAY 17-JULY 9  
3314055 11 MTWRF 8:40-9:40  
MEETS: JUNE 14-AUG 6  
3314060 12 MTWRF 9:50-10:50  
MEETS: JUNE 14-AUG 6  
3314065 13 MTWRF 11:00-12:00  
MEETS: JUNE 14-AUG 6  
3314006 14 MTWRF 12:10-1:10  
MEETS: JUNE 14-AUG 6

CREAT WRITING FICTN ENGL 304 3 CREDITS  
Prereq: 250, NOT OPEN TO FRESHMEN  
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
3316005 A MTWRF 9:50-10:50  
MEETS: JUNE 14-AUG 6

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS  
Prereq: 250, JUNIOR CLASSIFICATION  
Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB.  
3356005 1 MTWRF 8:40-9:40  
MEETS: MAY 17-JULY 9  
3356010 2 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
3356015 3 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
3356020 4 MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9  
3356025 5 MTWRF 12:10-1:10  
MEETS: MAY 17-JULY 9  
3356030 6 MTWRF 8:40-9:40  
MEETS: JUNE 14-AUG 6  
3356035 7 MTWRF 9:50-10:50  
MEETS: JUNE 14-AUG 6  
3356040 8 MTWRF 11:00-12:00  
MEETS: JUNE 14-AUG 6  
3356045 9 TR 6:00-8:30PM  
MEETS: JUNE 14-AUG 6

STUDIES IN FILM ENGL 335 3 CREDITS  
Prereq: 250  
Note: Available for nonmajor graduate credit  
3322005 A MW 1:20-5:00  
MEETS: MAY 17-JUNE 25  
Note: Materials fee \$15.00

## ENGLISH

(CONTINUED)

WOMEN'S LITERATURE ENGL 340 3 CREDITS  
Prereq: 250  
Note: Meets U.S. diversity reqmt  
Available for nonmajor graduate credit  
3323005 A MTWRF 11:00-12:20  
MEETS: MAY 17-JUNE 25

STDY&TRAVL CRTV WRI ENGL 395B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
5085800 IE ARRANGED PETT S  
MEETS: MAY 14-JUNE 4  
Note: SEC IE IRELAND: DUBLIN, SLIGO, DOOLIN, DINGLE.  
'ON THE ROAD IN IRELAND: A TRAVELING WRITER'S  
WORKSHOP' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies

CR WRIT WKSHP FICTN ENGL 404 3 CREDITS  
Prereq: 304  
3353005 A MTWRF 9:50-10:50  
MEETS: JUNE 14-AUG 6

INTERN BUS,PRO COMM ENGL 487 R CREDIT  
Prereq: SENIOR CLASSIF; PERMISSN OF COORDINATOR;  
9 CR IN 302,309,313,314,415 (PREFERRED),416, OR 477  
Note: Department permission required.  
9099005 ARRANGED  
MEETS: MAY 17-AUG 6

IND STDY LITERATURE ENGL 490A VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU LINGUISTICS ENGL 490B VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY RHETORIC ENGL 490C VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CRITICI LIT ENGL 490D VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY READING ENGL 490E VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CREATV WRIT ENGL 490F VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU BUS/TCH CMM ENGL 490G VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION  
OF UNDERGRADUATE STUDIES COMMITTEE  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ENGL 490H VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE  
TO THE SECT TAKEN, JUNIOR CLASSIFICATION,  
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE  
MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED  
TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM  
STUDENTS ONLY.  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGLISH (CONTINUED)

TCHG BUS&TECHN COMM ENGL 504 3 CREDITS  
Prereq: 302, 309, OR 314  
3388005 A ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Instructor permission required.

INTR LINGUIST ANALY ENGL 511 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
3395005 A MW 8:40-12:10  
MEETS: JUNE 28-AUG 6

SOCIOLINGUISTICS ENGL 514 3 CREDITS  
Prereq: 511 OR AN INTRODUCTORY LINGUISTICS COURSE  
3397005 A TR 1:20-4:50  
MEETS: JUNE 28-AUG 6

BRITISH LIT TO 1830 ENGL 533 3 CREDITS  
Prereq: 6 CREDITS IN LITERATURE  
2243005 A TR 6:10-9:00PM  
MEETS: MAY 17-JULY 9

WKSHP WRIT LONG PRJ ENGL 553 3 CREDITS  
Prereq: 550, GRAD CLASSIFICATION, OPEN TO GRAD  
STUDENTS OUTSIDE CREATIVE WRITING ONLY WITH INSTR  
PERMISSION  
2965005 A TR 2:30-5:10  
MEETS: JUNE 14-AUG 6

ENVIRON FIELD EXPER ENGL 560 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
8229005 A ARRANGED  
MEETS: MAY 17-AUG 6

INTERN BUS,PRO COMM ENGL 587 1- 3 CREDITS  
Prereq: 507 PLUS 3 ADDITIONAL GRAD CR IN BUSINESS  
& TECHNICAL WRITING OR COMPOSITION & RHETORIC, INSTR  
PERMISSION. LIMITED TO MASTER'S AND DOCTORAL DEGREE  
CANDIDATES IN THE ENGL DEPT  
Note: Instructor permission required.  
3425005 ARRANGED  
MEETS: MAY 17-AUG 6

PRA TCH ENG 2ND LNG ENGL 588 3 CREDITS  
Prereq: 15 CREDITS TOWARDS TESL/APPLIED  
LINGUISTICS MASTER'S DEGREE  
3426005 A ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Professional support, field trips &/or  
travel fee \$20.50-\$61.50

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

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

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

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

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

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

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

TOP CURR RHET THEOR ENGL 621 3 CREDITS  
Prereq: 503 OR 506  
8396005 A TR 1:20-3:50  
MEETS: MAY 17-JULY 9

PRACTCM TEC &LINGUI ENGL 688 3 CREDITS  
Prereq: 510, 626, OR EQUIV; 2ND YR PH.D. STUDENT  
7633005 A ARRANGED  
MEETS: MAY 17-AUG 6

ENGLISH (CONTINUED)

RESEARCH ENGL 699 VAR. CREDITS  
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
MAJOR PROFESSOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ENTOMOLOGY**

INTRO TO INSECTS ENT 201 1 CREDIT  
5197005 W ARRANGED  
MEETS: MAY 17-JUNE 18  
Note: Course delivery is WWW  
Section info: <http://www.ent.iastate.edu/dept/courses/>

IND STU RESRCH/WORK ENT 490E 1- 3 CREDITS  
Prereq: 15 CR IN BIOL SCI, JR OR SR CLASSIF  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED  
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY LAB TEACHG ENT 490U 1- 3 CREDITS  
Prereq: 15 CR IN BIOL SCI, JR OR SR CLASSIF  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED  
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

SPL TOP IMMATUR INS ENT 590M 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POPUL GENET ENT 590N 1- 3 CREDITS  
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CREDIT  
5345005 A M 3:40-4:50  
MEETS: MAY 17-AUG 6  
Section info: <http://www.ent.iastate.edu/dept/courses/>

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

**ENVIRONMENTAL SCIENCE**

APPRENTICESHIP ENSCI 290 VAR. CREDITS  
Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR  
Note: Permission of coordinator required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY ENSCI 312 4 CREDITS  
Prereq: BIOL 211L AND 212L  
4996005 A MTWR 9:50-11:05  
MW 1:20-4:20  
MEETS: MAY 17-JULY 9

4996010 B MTWR 9:50-11:05  
TR 1:20-4:20  
MEETS: MAY 17-JULY 9

ECOLOGY ENSCI 312I 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
5038005 MTWRF 8:00-5:00  
MEETS: MAY 24-JUNE 18  
Note: Tuition Category: Iowa Lakeside Lab



## ENVIRONMENTAL SCIENCE (CONTINUED)

INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS  
Prereq: APPROVAL OF ENVIRONMENTAL SCI COORDINATOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD METHD HYDROGEOL ENSCI 409 2 CREDITS  
Prereq: 402 OR 411 OR C E 473  
3081005 MTWRF 8:00-5:00  
MEETS: MAY 17-JUNE 2  
Note: Field trips & travel fee \$0.00-\$200.00

INDEPENDENT STUDY ENSCI 490 VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, APPROVAL OF  
ENVIRONMENTAL SCIENCE COORDINATOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AQUATIC ECOLOGY ENSCI 508I 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 24-JUNE 18  
Note: Tuition Category: Iowa Lakeside Lab

FLD METHD HYDROGEOL ENSCI 509 2 CREDITS  
Prereq: GEOL 411 OR C E 473  
3095005 MTWRF 8:00-5:00  
MEETS: MAY 17-JUNE 2  
Note: Field trips & travel fee \$0.00-\$200.00

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

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

## ENVIRONMENTAL STUDIES

ENVIRONMNTL BIOLOGY ENV S 173 3 CREDITS  
Note: BIOL/ENV S 173 DOES NOT COUNT TOWARD CREDITS  
REQUIRED IN A BIOLOGY MAJOR  
2022005 A ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Course delivery is WWW  
Section info: <http://project.bio.iastate.edu>  
Syllabus: <http://project.bio.iastate.edu>

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

## FAMILY&amp;CONSUMER SCIENCES ED&amp;STUDIES

SUPV EXP ED SERVICE FCEDS 418A 3- 8 CREDITS  
Prereq: 415, 24 CR IN FAMILY & CONSUMER SCI  
Note: RESERVATION REQUIRED. CONTACT DEPARTMENT.  
2313005 1 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Instructor permission required.  
2313600 XW ARRANGED BOSSELMAN R  
MEETS: MAY 17-AUG 6  
Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
Section XW is off campus  
Course delivery is WWW

SUPV EXP FCS STUDIE FCEDS 418B 3- 8 CREDITS  
Prereq: 415, 24 CR IN FAMILY & CONSUMER SCI  
Note: RESERVATION REQUIRED. CONTACT DEPARTMENT.  
2359005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Instructor permission required.  
2359600 XW ARRANGED BOSSELMAN R  
MEETS: MAY 17-AUG 6  
Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
Section XW is off campus  
Course delivery is WWW

## FAMILY&amp;CONSUMER SCIENCES ED&amp;STUDIES (CONTINUED)

SHRT CRSE OCCUPA ED FCEDS 500F 1- 3 CREDITS  
Prereq: 6 CREDITS IN FCS OR EDUCATION  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
4007005 1 MTWRF 8:00-4:00  
ARRANGED  
MEETS: JULY 19-23

SPL TOP OCCUPATN ED FCEDS 590F VAR. CREDITS  
Prereq: 6 CREDITS IN FCS OR EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INT'L EDUC FCEDS 590I VAR. CREDITS  
Prereq: 6 CREDITS IN FCS OR EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT FCEDS 599 VAR. CREDITS  
Prereq: 9 GRAD CREDITS IN FCSED  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS INT'L ED FCEDS 690I VAR. CREDITS  
Prereq: ENROLLMENT IN DOCTORAL PROGRAM,  
PERMISSION OF INSTRUCTOR; APPROVAL OF DOGE  
8916600 XA ARRANGED BOSSELMAN R  
MEETS: MAY 17-AUG 6  
Note: Section XA is off campus  
Course delivery is independent study

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

## FINANCE

PRINCIPAL OF FINANCE FIN 301 3 CREDITS  
Prereq: ACCT 284, ECON 101, STAT 226  
Note: COURSE NOT OPEN TO P BUS MAJORS  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
3689005 A1 MTWRF 12:10-2:10  
MEETS: MAY 17-JUNE 11  
Note: SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U,  
BUSBC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY.  
CONCURRENT ENROLLMENT OR PRIOR CREDIT IN OSCM 320  
OR SCM 301X IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.  
NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370 AND  
MKT 340

3689010 A2 MTWRF 12:10-2:10  
MEETS: MAY 17-JUNE 11  
Note: SECTION A2 FOR COLLEGES OTHER THAN BUSINESS

CORPORATE FINANCE FIN 310 3 CREDITS  
Prereq: 301  
Note: COURSE NOT OPEN TO P BUS MAJORS  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
3691005 A MTWRF 2:30-4:30  
MEETS: JUNE 14-JULY 9

INVESTMENTS FIN 320 3 CREDITS  
Prereq: 301  
Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U,  
BUSBC, FIN, LSCM, MGMT, MIS, MKT, OSCM, AG B MAJORS.  
NOT OPEN TO P BUS MAJORS.  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
3692005 A MTWRF 7:30-9:30  
MEETS: MAY 17-JUNE 11

FINAN MKTS&INSTITUT FIN 330 3 CREDITS  
Prereq: 301  
Note: COURSE RESTRICTED TO FIN MAJORS ONLY  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
6829005 A MTWRF 9:50-11:50  
MEETS: JUNE 14-JULY 9

REAL ESTATE PRINCIP FIN 371 3 CREDITS  
Prereq: ECON 101  
Note: COURSE RESTRICTED TO FIN MAJORS ONLY  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
3690005 A MTWRF 12:10-2:10  
MEETS: MAY 17-JUNE 11

INDEPENDENT STUDY FIN 490 1- 3 CREDITS  
Prereq: 301, STAT 326, PERMISSION OF INSTRUCTOR  
Note: PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT  
SERVICES CENTER  
Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

BANKING INTERNSHIP FIN 499A 1- 3 CREDITS  
Prereq: 330,445; STAT 326; GPA 2.5; PERMISSION OF  
INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
9403005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: College permission required to add during  
1st week. Go to 1200 Gerdin.

## FINANCE

(CONTINUED)

INSURANCE INTERNSHP FIN 499B 1- 3 CREDITS  
Prereq: 361; STAT 326; GPA 2.5; PERMISSION OF  
INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
9555005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: College permission required to add during  
1st week. Go to 1200 Gerdin.

INTERNS REAL ESTATE FIN 499C 1- 3 CREDITS  
Prereq: 301 PLUS 3 ADDITIONAL CREDITS IN FINANCE;  
STAT 326; GPA 2.5; PERMISSN OF INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
3098005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: College permission required to add during  
1st week. Go to 1200 Gerdin.

INVESTMENTS FIN 520 3 CREDITS  
Prereq: 505  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
3704005 S S 8:30-4:30  
MEETS: JUNE 26-AUG 7  
Note: Tuition Category: Saturday MBA

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

**FOOD SCIENCE & HUMAN NUTRITION**

FOOD & THE CONSUMER FS HN 101 3 CREDITS  
Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR  
3 CREDITS EACH OF BIOLOGY AND CHEMISTRY  
3659005 MTWRF 1:20-2:20  
MEETS: MAY 17-JULY 9

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

INDEP STDY FOOD SCI FS HN 490B 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

IND STUDY INT'L EXP FS HN 490D 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FS HN 490H 1- 6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN  
UNIVERSITY HONORS PROGRAM  
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM  
STUDENTS ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK DIETETICS FS HN 491A 1- 4 CREDITS  
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C MAY BE  
APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK FOOD SCI FS HN 491B 1- 4 CREDITS  
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C MAY BE  
APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C 1- 4 CREDITS  
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C MAY BE  
APPLIED TOWARD GRADUATION  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOOD PREPAR WRKSHOP FS HN 493X 1- 3 CREDITS  
Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2010  
Satisfactory-Fail Only.  
8935005 1 ARRANGED  
MEETS: JULY 26-30  
Note: SECTION 1 TOPIC: MEDITERRANEAN CUISINE  
Tuition Category: Workshop

## FOOD SCIENCE &amp; HUMAN NUTRITION

(CONTINUED)

TRAVEL - INTERNATNL FS HN 496A 2- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
6295800 IN ARRANGED FREEMAN S  
MEETS: MAY 23-JUNE 22  
Note: SEC IN TAUGHT IN INDIA, KARNAATKA STATE.  
'FOOD AND AGRICULTURE IN INDIA: SERVICE LEARNING  
OPPORTUNITIES IN NUTRITION, ENTREPRENEURSHIP &  
DEVELOPMENT' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies  
6295805 PE ARRANGED MARQUIS G  
MEETS: MAY 31-JUNE 25  
Note: SEC PE TAUGHT IN PERU/LIMA HUARAZ  
'MULTIDISPLINARY EXPERIMENTAL STUDY INTERNATIONAL  
NUTRITION IN PERU' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies

UNDERGRAD RESEARCH FS HN 499 1- 6 CREDITS  
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM  
STUDENT PROPOSES TO WORK  
Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7123005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 14-JULY 2

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7124005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 12-30

SPCL TOPICS NUTRITN FS HN 590A 1- 3 CREDITS  
Prereq: INSTRUCTOR PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FOOD SCI FS HN 590B 1- 3 CREDITS  
Prereq: INSTRUCTOR PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING FS HN 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - INTERNATNL FS HN 596A 2- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
6306800 IN ARRANGED FREEMAN S  
MEETS: MAY 23-JUNE 22  
Note: SEC IN TAUGHT IN INDIA, KARNAATKA STATE.  
'FOOD AND AGRICULTURE IN INDIA: SERVICE LEARNING  
OPPORTUNITIES IN NUTRITION, ENTREPRENEURSHIP &  
DEVELOPMENT' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies  
6306805 PE ARRANGED MARQUIS G  
MEETS: MAY 31-JUNE 25  
Note: SEC PE TAUGHT IN PERU/LIMA HUARAZ  
'MULTIDISCIPLINARY EXPERIMENTAL STUDY INTERNATIONAL  
NUTRITION IN PERU' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies

CREATIVE COMPONENT FS HN 599 VAR. CREDITS  
3213005 1 ARRANGED  
MEETS: MAY 17-AUG 6

SEMINAR FS HN 681 1 CREDIT  
3648005 ARRANGED  
MEETS: MAY 17-AUG 6

SEMINAR REFLECTION FS HN 682X R CREDIT  
9178005 ARRANGED  
MEETS: MAY 17-AUG 6

SPECIAL PROBLEMS FS HN 690 VAR. CREDITS  
Prereq: 502 OR 503 OR 504 OR 553 OR 554  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

**FORESTRY**

SPL PROB LEADERSHIP FOR 290A 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7928005 ARRANGED  
MEETS: MAY 17-AUG 6

## FORESTRY

(CONTINUED)

SPL PROB ECOSYS MGT FOR 290B 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7929005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL PRB RESRC CNSRV FOR 290C 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7930005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL PROB URB&COMMUN FOR 290D 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7931005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL PROB WOOD SCIEN FOR 290E 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7932005 ARRANGED  
MEETS: MAY 17-AUG 6

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

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

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

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

CRIV COMPO WOOD SCI FOR 599E 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RESRCH FOR 699B 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&ADMIN RSRCH FOR 699D 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RESRCH FOR 699E 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 1-12 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## FRENCH

ELEMENTARY FRENCH I FRNCH 101 4 CREDITS  
3803005 1 MTWRF 8:40-11:40  
MEETS: MAY 17-JUNE 11  
Note: Materials and equipment use fee \$25.00

ELEMENTARY FRENCH II FRNCH 102 4 CREDITS  
Prereq: 101  
Note: Meets international perspectives reqmt  
3804005 1 MTWRF 8:40-11:40  
MEETS: JUNE 14-JULY 9  
Note: Materials and equipment use fee \$25.00

STUDY ABROAD FRNCH 395 1-10 CREDITS  
Prereq: 2 YEARS UNIVERSITY-LEVEL FRENCH  
Note: Meets international perspectives reqmt  
Department permission required.  
3820005 RG ARRANGED  
MEETS: MAY 23-JULY 3  
Note: SECTION RG IS REGENTS EXCHANGE PROGRAM IN LYON  
Tuition Category: Regents Summer Study Abroad

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

## GENETICS

PRINCIP OF GENETICS GEN 313 3 CREDITS  
Prereq: BIOL 211L & 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 1 MTWRF 8:40-9:40  
MEETS: MAY 17-JULY 9

GENETICS RESEARCH GEN 490R 1- 5 CREDITS  
Prereq: GEN/BIOL 313, JR/SR CLASSIFICATION,  
PERMISSION OF INSTRUCTOR  
Note: AG COLLEGE STUDENTS MAY APPLY NO MORE THAN  
6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS  
REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE  
MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD  
GRADUATION.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LAB TCHG EXPERIENCE GEN 490U 1- 2 CREDITS  
Prereq: GEN/BIOL 313, JR/SR CLASSIFICATION,  
PERMISSION OF INSTRUCTOR  
Note: AG COLLEGE STUDENTS MAY APPLY NO MORE THAN  
6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS  
REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE  
MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD  
GRADUATION.  
Satisfactory-Fail Only.  
\*\*\*\*\* 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 17-AUG 6

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

## GENETICS, DEVELOPMENT &amp; CELL BIOL

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7089005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 14-JULY 2

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7092005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 12-30

SPECIAL TOPICS GDCB 590 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2010  
\*\*\*\*\* 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 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Tuition Category: Iowa Lakeside Lab

## GEOLOGY

THE EARTH GEOL 100 3 CREDITS  
3870005 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9

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

SUMMER FIELD STUDY GEOL 302 6 CREDITS  
Prereq: 102, 356, 368  
Note: Available for nonmajor graduate credit  
3881005 1 ARRANGED  
MEETS: MAY 22-JULY 2  
Note: Field trips & travel fee \$1,175.00-\$1,875.00  
Tuition Category: Camp fee

## GEOLOGY (CONTINUED)

FLD METHD HYDROGEOL GEOL 409 2 CREDITS  
Prereq: 401 OR 411 OR C E 473  
7671005 MTWRF 8:00-5:00  
MEETS: MAY 17-JUNE 2  
Note: Field trips & travel fee \$0.00-\$200.00

INDEPENDENT STUDY GEOL 490 1- 4 CREDITS  
Prereq: 6 CR IN GEOLOGY & PERMISSN OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD METHD HYDROGEOL GEOL 509 2 CREDITS  
Prereq: 411 OR C E 473  
9169005 MTWRF 8:00-5:00  
MEETS: MAY 17-JUNE 2  
Note: Field trips & travel fee \$0.00-\$200.00

SPL TOP SURFIC PROC GEOL 590A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH GEOL 590B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOL 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLGY GEOL 590D 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS PETROLOGY GEOL 590E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOL GEOL 590H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

SPL TOP ISOTP GCHEM GEOL 590O 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTA&GIS GEOL 590P 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SRFC HYDROL GEOL 590R 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCEANOGRPHY GEOL 590S 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES SURFICIAL PROC GEOL 699A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRATIGRAPHY GEOL 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## GEOLOGY (CONTINUED)

RSRCH SEDIMENTATION GEOL 699C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH PALEONTOLOGY GEOL 699D VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

RES STRUCTURAL GEOL GEOL 699F VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY GEOL 699G VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH HYDROGEOLOGY GEOL 699H VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH EARTH SCIENCE GEOL 699I VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES MINERAL RESOURC GEOL 699J VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS GEOL 699K VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY GEOL 699L VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TECTONICS GEOL 699M VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES PALEOECO&CLIMAT GEOL 699N VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM GEOL 699O VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH CMPUT MTH&GIS GEOL 699P VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES SURFC HYDROLOGY GEOL 699R VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## GERONTOLOGY

DEATH PART OF LIVING GERON 373 3 CREDITS  
8516005 MTWRF 9:50-12:00  
MEETS: MAY 17-JUNE 11  
Note: Field trips & travel fee \$15.00

GERONTL PREPRAC SEM GERON 466 1 CREDIT  
Prereq: 9 CR IN CORE COURSES FOR THE GERON  
MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR  
7869005 ARRANGED  
MEETS: MAY 17-JULY 9

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS  
Prereq: 466, ADVANCE RESERVATION  
Satisfactory-Fail Only.  
7870005 ARRANGED  
MEETS: MAY 17-AUG 6

SPECIAL TOPICS GERON 590 VAR. CREDITS  
3059005 ARRANGED  
MEETS: MAY 17-AUG 6

## GLOBAL RESOURCE SYSTEMS

APPRENTICESHIP GLOBE 221 R CREDIT  
Satisfactory-Fail Only.  
6652005 ARRANGED  
MEETS: MAY 17-AUG 6

INDEPENDENT STUDY GLOBE 290 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY  
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
8851005 ARRANGED  
MEETS: MAY 17-AUG 6

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 322  
MAY BE APPLIED TOWARD DEGREE REQUIREMENTS  
8676005 ARRANGED  
MEETS: MAY 17-AUG 6

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 322  
MAY BE APPLIED TOWARD DEGREE REQUIREMENTS  
8684005 ARRANGED  
MEETS: MAY 17-AUG 6

## GLOBAL RESOURCE SYSTEMS

(CONTINUED)

IND STDY ENTREPRENR GLOBE 490E 1- 3 CREDITS  
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE  
APPLIED TOWARD GRADUATION  
8687005 ARRANGED  
MEETS: MAY 17-AUG 6

INDEP STUDY HONORS GLOBE 490H 1- 3 CREDITS  
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE  
APPLIED TOWARD GRADUATION  
6817005 ARRANGED  
MEETS: MAY 17-AUG 6

GLBL RSRC STU ABROD GLOBE 496 2- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8846805 CN ARRANGED SCHULTZ R  
MEETS: MAY 12-JUNE 12  
Note: SEC CN TAUGHT IN CHINA AND SOUTH KOREA.  
'EXPLORING THE ROADS LESS TRAVELED IN RURAL CHINA  
AND SOUTH KOREA' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies  
8846800 IN ARRANGED FREEMAN S  
MEETS: MAY 23-JUNE 22  
Note: SEC IN TAUGHT IN INDIA, KARNAATKA STATE.  
'FOOD AND AGRICULTURE IN INDIA: SERVICE LEARNING  
OPPORTUNITIES IN NUTRITION, ENTREPRENEURSHIP &  
DEVELOPMENT' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies  
8846810 UG ARRANGED NONNECKE G  
MEETS: JUNE 6-JULY 10  
Note: SEC UG TAUGHT IN UGANDA: KAMULI DISTRICT AND  
KAMPALA. CREATING A SCHOOL GARDEN: SERVICE LEARNING  
IN UGANDA SUMMER 2010  
Study Abroad Administrative Fee Applies

DEANS GLOBL AG PROG GLOBE 497 1- 4 CREDITS  
8985800 IT ARRANGED COLLETTI J  
MEETS: MAY 10-JUNE 4  
Note: SEC IT TAUGHT IN ROME, ITALY. DEAN'S GLOBAL  
FOOD AND AGRICULTURAL LEADERSHIP PRGRAM: ROME  
SUMMER 2010. 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, 585, CR FOR OR  
CONCURRENT ENROLLMENT IN 586  
7679005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Instructor permission required.

PREP FTR FAC SPL TP GR ST 588 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, 585, CREDIT FOR  
OR CONCURRENT ENROLLMENT IN 586  
8341005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Instructor permission required.

EXAMINATION ONLY GR ST 600 R CREDIT  
3972005 ARRANGED  
MEETS: MAY 17-AUG 6

REQUIRED ENROLLMENT GR ST 601 R CREDIT  
Note: College permission required.  
4482005 ARRANGED  
MEETS: MAY 17-AUG 6

## HEALTH STUDIES

1ST AID &EMERG CARE H S 105 2 CREDITS  
4081005 1 MTWRF 7:30-9:40  
MEETS: MAY 17-JUNE 11  
Note: Materials and equipment use fee \$10.00  
4081010 2 MTWRF 11:00-1:00  
MEETS: JULY 12-AUG 6  
Note: Materials and equipment use fee \$10.00

PERS &CONSUMER HLTH H S 110 3 CREDITS  
4082005 1 MTWRF 8:40-10:50  
MEETS: MAY 17-JUNE 11

HEALTH ED ELEM SCHL H S 275 3 CREDITS  
Prereq: HD FS 102 OR 226  
Note: CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT  
BOTH, MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
4084005 1 MTWRF 1:20-3:20  
MEETS: MAY 17-JUNE 11

## HEALTH STUDIES

(CONTINUED)

TEACH-LEARN HLTH ED H S 375 3 CREDITS  
Prereq: 105, 110, 215  
Note: CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT  
BOTH, MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
4089005 1 MTWRF 1:20-3:20  
MEETS: MAY 17-JUNE 11

FIELD EXPERIENCE H S 485 1-16 CREDITS  
Prereq: ALL REQUIRED H S COURSES, PERMISSION OF  
COORDINATOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
4095005 ARRANGED  
MEETS: MAY 17-AUG 6

INDEPENDENT STUDY H S 490 1- 3 CREDITS  
Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## HIGHER EDUCATION

COLLEGE TEACHING HG ED 561 3 CREDITS  
Prereq: 6 GRADUATE CREDITS  
4112600 XA MT 8:30-4:30 LICKLIDER B  
MEETS: JUNE 1-21  
Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
Section XA is off campus  
Course delivery is On-site instruction

STUDENTS AMER HG ED HG ED 578 3 CREDITS  
Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM  
7348005 TWR 8:40-4:40  
MEETS: MAY 11-20

COMPRE COMM COLLEGE HG ED 582 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
4115600 XA WRF 8:40-4:40 EBBERS L  
MEETS: JUNE 23-JULY 9  
Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
Section XA is off campus  
Course delivery is On-site instruction

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

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

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

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

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

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

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

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

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

SEM N CURRENT ISSUES HG ED 615C 1- 4 CREDITS  
4140005 1 MT 8:40-4:40  
MEETS: MAY 10-11  
Note: SEC. 1 OFFERED FOR 1 CREDIT. TOPIC: LEARNING  
COMMUNITIES IN HIGHER EDUC.  
Tuition Category: Workshop  
4140010 2 MTWRF 10:00-4:00  
MEETS: MAY 18-JUNE 7  
Note: SECTION 2 OFFERED FOR 3 CREDITS.  
NO MEETINGS MAY 19,21,25,26,28,31 AND JUNE 1,3.  
TOPIC: CRITICAL RACE THEORY IN HIGHER ED.  
4140015 3 MTWRF 8:00-1:00  
MEETS: MAY 17-27  
Note: SECTION 3 OFFERED FOR 3 CREDITS. TOPIC: HIGHER  
EDUCATION IN FICTION & FILM.  
4140600 XA MT 8:40-4:40 EBBERS L  
MEETS: MAY 10-11  
Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
Section XA is off campus  
Course delivery is On-site instruction

## HIGHER EDUCATION

(CONTINUED)

FINANCING HIGHER ED HG ED 665 3 CREDITS  
 Prereq: 504  
 4147600 XA WRF 8:40-4:40 EBBERS L  
 MEETS: MAY 19-JUNE 11  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 Section XA is off campus  
 Course delivery is On-site instruction

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 AMER ED H P C 504 3 CREDITS  
 Prereq: ADMISSION TO GRADUATE LICENSURE PROGRAM  
 IN TEACHER EDUCATION OR PERMISSION OF INSTRUCTOR  
 2604005 MTWRF 12:10-2:10  
 MEETS: JUNE 14-JULY 9

SPCL TOP HIST OF ED H P C 590A 1- 5 CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHIL OF ED H P C 590B 1- 5 CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPC COMPAR ED H P C 590C 1- 5 CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT H P C 599 1- 3 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS H P C 690 1- 3 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

**HISTORY**

INTRO WESTERN CIV I HIST 201 3 CREDITS  
 Note: Meets international perspectives reqmt  
 4150005 MTWRF 12:10-2:10  
 MEETS: MAY 17-JUNE 11

INTR WESTERN CIV II HIST 202 3 CREDITS  
 Note: Meets international perspectives reqmt  
 4151005 MTWRF 12:10-2:10  
 MEETS: JUNE 14-JULY 9

SURVEY U.S. HIST I HIST 221 3 CREDITS  
 4155005 MTWRF 9:50-11:50  
 MEETS: JUNE 14-JULY 9

SURVEY U.S. HIST II HIST 222 3 CREDITS  
 4156005 MTWRF 9:50-11:50  
 MEETS: JULY 12-AUG 6

ENGLAND 1525-1700 HIST 325 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 4169005 MTWRF 12:10-2:10  
 MEETS: JULY 12-AUG 6

U.S. 1945-PRESENT HIST 361 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 4220005 MTWRF 9:50-11:50  
 MEETS: MAY 17-JUNE 11

INDEPENDENT STUDY HIST 490 1- 3 CREDITS  
 Prereq: 9 CREDITS IN HISTORY; PERMISSION OF  
 DEPARTMENT CHAIR  
 Note: COURSE NOT OPEN TO FRESHMEN. NO MORE THAN 6  
 CREDITS OF HIST 490 MAY BE APPLIED TOWARD GRADUATION  
 WITH A MAJOR IN HISTORY. NO CREDITS OF HIST 490 MAY  
 BE APPLIED TOWARD A MINOR IN HISTORY.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH HIST 699 1- 6 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HORTICULTURE**

HORT MGT EXPERIENCE HORT 391 1 CREDIT  
 Prereq: 221, PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED  
 TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMENTS.  
 2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED  
 TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HORT 398 R CREDIT  
 Satisfactory-Fail Only.  
 3652005 ARRANGED  
 MEETS: MAY 17-AUG 6

IND ST GREENHS CROP HORT 490A VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS  
 REQUIRED FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY NURS CROPS HORT 490B VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS  
 REQUIRED FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY TURFGRASS HORT 490C VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS  
 REQUIRED FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS  
 REQUIRED FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY VEG CROPS HORT 490E VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS  
 REQUIRED FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO HORT 490F VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS  
 REQUIRED FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS  
 REQUIRED FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CREDITS  
 Prereq: JR OR SR CLASSIFICATN IN HORT, PERMISSION  
 OF INSTRUCTOR. A MAXIMUM OF 4 CR OF 490 MAY BE USED  
 TOWARD THE TOTAL OF 128 CR REQUIRED FOR GRADUATION.  
 MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
 FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY  
 HONORS PROGRAM STUDENTS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTRNATL INDEP STDY HORT 490I VAR. CREDITS  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS  
 REQUIRED FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



## HORTICULTURE

(CONTINUED)

HORTICULTR WORKSHOP HORT 493 VAR. CREDITS  
 Note: Available for nonmajor graduate credit  
 7617005 ARRANGED  
 MEETS: MAY 17-AUG 6

HORTI TRAVEL COURSE HORT 496 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 2433800 IT ARRANGED CHRISTIANS N  
 MEETS: MAY 9-23  
 Note: SEC IT TAUGHT IN ITALY. 'STUDY ABROAD  
 TO SOUTHERN ITALY'.  
 Study Abroad Administrative Fee Applies

INTRO DNA TECHNIQS HORT 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 3106005 MTRF 1:00-2:00  
 MTRF 2:00-4:00  
 MEETS: JUNE 14-JULY 2

INTR PROTEIN TECHNQ HORT 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 3134005 MTRF 1:00-2:00  
 MTRF 2:00-4:00  
 MEETS: JULY 12-30

SPECIAL TOPICS HORT 590 VAR. CREDITS  
 Prereq: A MAJOR OR MINOR IN HORTICULTURE  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WKSHP GREENHS CROPS HORT 593A VAR. CREDITS  
 4339005 ARRANGED  
 MEETS: MAY 17-AUG 6

WKSHP NURSERY CROPS HORT 593B VAR. CREDITS  
 4340005 ARRANGED  
 MEETS: MAY 17-AUG 6

WORKSHOP TURFGRASS HORT 593C VAR. CREDITS  
 4341005 ARRANGED  
 MEETS: MAY 17-AUG 6

WORKSHP FRUIT CROPS HORT 593D VAR. CREDITS  
 4342005 ARRANGED  
 MEETS: MAY 17-AUG 6

WORKSHOP VEG CROPS HORT 593E VAR. CREDITS  
 4343005 ARRANGED  
 MEETS: MAY 17-AUG 6

WKSHP CROSS-COMMODT HORT 593F VAR. CREDITS  
 4344005 ARRANGED  
 MEETS: MAY 17-AUG 6

WKSHP LANDSCAP HORT HORT 593G VAR. CREDITS  
 4094005 ARRANGED  
 MEETS: MAY 17-AUG 6

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

ADVANCED TOPICS HORT 690 VAR. CREDITS  
 4348005 ARRANGED  
 MEETS: MAY 17-AUG 6

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

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

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

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

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

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

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

**HOTEL RESTAURANT & INSTITUTION MGMT**

INTRO WINE, BEER, SPI HRI 383 2 CREDITS  
 Prereq: MUST BE AT LEAST 21 YEARS OLD  
 4108005 1A TR 2:30-4:20  
 MEETS: MAY 17-JULY 9  
 Note: SECTION 1A RESTRICTED TO HRI MAJORS ONLY  
 Materials fee \$60.00-\$100.00  
 4108010 1B TR 2:30-4:20  
 MEETS: MAY 17-JULY 9  
 Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN HRI  
 Materials fee \$60.00-\$100.00

## HOTEL RESTAURANT &amp; INSTITUTION MGMT (CONTINUED)

IND ST HOSPLITY MGT HRI 490B VAR. CREDITS  
 Prereq: PROGRAM APPROVAL  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HRI 490D VAR. CREDITS  
 Prereq: PROGRAM APPROVAL  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FOODSRVC OP HRI 490E VAR. CREDITS  
 Prereq: PROGRAM APPROVAL  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HRI 490H VAR. CREDITS  
 Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN  
 HONORS PROGRAM  
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMNR HOSPPLTY RSRCH HRI 504A 1 CREDIT  
 5757005 M 8:00-5:00  
 T 8:00-12:00, ARRANGED  
 MEETS: JUNE 6-8  
 Note: THE ARRANGED TIME REPRESENTS THE SUNDAY MEETING  
 WHICH WILL BE 6:00-9:00 P.M. AS WELL AS OUTSIDE WORK  
 5757600 XA ARRANGED BOSSELMAN R  
 MEETS: JUNE 6-8  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 CLASS TIMES JUNE 6TH: 6-9PM, JUNE 7TH: 8-5PM, JUNE 8TH:  
 8-12AM  
 Section XA is off campus  
 Course delivery is On-site instruction

SEMNR CURRENT ISSUE HRI 504B 1 CREDIT  
 5758005 1 FS 8:00-5:00, ARRANGED  
 MEETS: JUNE 18-19  
 5758600 XA FS 8:00-5:00 BOSSELMAN R  
 MEETS: JUNE 18-19  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 Section XA is off campus  
 Course delivery is On-site instruction

SP TOP HOSPPLTY MGT HRI 590B VAR. CREDITS  
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND  
 PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP FOOD SERV OP HRI 590E VAR. CREDITS  
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND  
 PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

PROFESSIONL WRITING HRI 604 2 CREDITS  
 8484005 ARRANGED  
 MEETS: JUNE 20-24  
 8484600 XA ARRANGED BOSSELMAN R  
 MEETS: JUNE 20-24  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 CLASS HELD JUNE 20TH: 8-5PM, JUNE 21-24TH: 6-9PM  
 Section XA is off campus  
 Course delivery is On-site instruction

SEM MARKTG THOUGHTS HRI 640 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 5331005 TWRFS 8:00-5:00  
 MEETS: JUNE 8-12  
 5331600 XA ARRANGED TANG L  
 MEETS: JUNE 6-11  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 CLASS HELD JUNE 6TH: 6-8PM, JUNE 7-11TH: 8-5PM.  
 Section XA is off campus  
 Course delivery is On-site instruction

ADV LODGING OPERATN HRI 652 3 CREDITS  
 Prereq: ENROLLMENT IN PH D PROGRAM  
 3497005 1 MTWR 8:00-5:00  
 ARRANGED  
 MEETS: JUNE 13-17  
 Note: THE ARRANGED TIME REPRESENTS THE SUNDAY MEETING  
 WHICH WILL BE 8:00-5:00  
 3497600 XA MTWR 8:00-5:00 SCHRIER T  
 MEETS: JUNE 13-17  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 Section XA is off campus  
 Course delivery is On-site instruction

## HOTEL RESTAURANT &amp; INSTITUTION MGMT (CONTINUED)

ADV TOP HSPTLY MGT HRI 690B VAR. CREDITS  
 Prereq: ENROLLMENT IN DOCTORAL PROGRAM  
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
 2664005 MTWRF 8:00-5:00  
 MEETS: JUNE 21-25  
 2664600 XA MTWRF 8:00-5:00 BOSSELMAN R  
 MEETS: JUNE 21-25  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 Section XA is off campus  
 Course delivery is On-site instruction

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

**HUMAN COMPUTER INTERACTION**

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

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

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

**HUMAN DEVELOPMENT & FAMILY STUDIES**

INDV&FAM LIFE DEVEL HD FS 102 3 CREDITS  
 3491600 XW ARRANGED LOHMAN B  
 MEETS: MAY 17-JUNE 25  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 Section XW is off campus  
 Course delivery is WWW

DEVEL&GUID: AGE 3-8 HD FS 221 3 CREDITS  
 Prereq: 102

4253005 1 MTWR 1:20-3:00  
 MW 8:40-9:40  
 MEETS: MAY 17-JUNE 25

4253010 2 MTWR 1:20-3:00  
 MW 9:50-10:50  
 MEETS: MAY 17-JUNE 25

4253015 3 MTWR 1:20-3:00  
 MW 11:00-12:00  
 MEETS: MAY 17-JUNE 25

4253020 4 MTWR 1:20-3:00  
 MW 12:10-1:10  
 MEETS: MAY 17-JUNE 25

4253025 5 MTWR 1:20-3:00  
 MW 3:10-4:10  
 MEETS: MAY 17-JUNE 25

4253030 6 MTWR 1:20-3:00  
 TR 8:40-9:40  
 MEETS: MAY 17-JUNE 25

4253035 7 MTWR 1:20-3:00  
 TR 9:50-10:50  
 MEETS: MAY 17-JUNE 25

4253040 8 MTWR 1:20-3:00  
 TR 11:00-12:00  
 MEETS: MAY 17-JUNE 25

4253045 9 MTWR 1:20-3:00  
 TR 12:10-1:10  
 MEETS: MAY 17-JUNE 25

4253050 10 MTWR 1:20-3:00  
 TR 3:10-4:10  
 MEETS: MAY 17-JUNE 25

ADOLESCENT DEVELPMT HD FS 227 3 CREDITS  
 Prereq: 102 OR PSYCH 101 OR 230  
 6972005 MTWRF 8:40-10:50  
 MEETS: JUNE 29-JULY 27

FAMILY RELATIONSHPS HD FS 270 3 CREDITS  
 Prereq: 102 OR PSYCH 230  
 7012600 XW ARRANGED HARDY A  
 MEETS: MAY 17-JULY 9  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 Section XW is off campus  
 Course delivery is WWW

HUMAN SEXUALITY HD FS 276 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 3496600 XW ARRANGED POPILLION A  
 MEETS: MAY 17-JUNE 25  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 Section XW is off campus  
 Course delivery is WWW

PRSNL&FAMILY FINANC HD FS 283 3 CREDITS  
 3499600 XW ARRANGED BORKOWSKI D  
 MEETS: MAY 17-JUNE 25  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 Section XW is off campus  
 Course delivery is WWW

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

FLD EXP EARLY CHIL HD FS 317A 1- 6 CREDITS  
 Prereq: 343, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY SERV HD FS 317B 1- 6 CREDITS  
 Prereq: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EX CARE 5+YR OLD HD FS 317D 1- 6 CREDITS  
 Prereq: 226, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP INF/TODDLER HD FS 317E 1- 6 CREDITS  
 Prereq: 340, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXPRNC RESEARCH HD FS 317F 1- 6 CREDITS  
 Prereq: 269, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FAMLY DIVERSITY ISS HD FS 349 3 CREDITS  
 Prereq: 102 OR PSYCH 230; HD FS 270  
 Note: Meets U.S. diversity reqmt  
 2207600 XW ARRANGED HUGHES-BELDING K  
 MEETS: MAY 17-JULY 9  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 Section XW is off campus  
 Course delivery is WWW

ABUSE&ILL IN FAMILI HD FS 367 3 CREDITS  
 Prereq: 102 OR PSYCH 230; HD FS 270  
 9193005 MTWR 11:00-12:15  
 MEETS: JUNE 14-AUG 6

DEATH PART OF LIVNG HD FS 373 3 CREDITS  
 Prereq: 102  
 3505005 MTWRF 9:50-12:00  
 MEETS: MAY 17-JUNE 11  
 Note: Field trips & travel fee \$15.00

IND STU CHLD&FAMLY HD FS 490A VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HOUSING HD FS 490B VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FAMLY FINAN HD FS 490C VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY EARLY EDUC HD FS 490F VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST EARLY SPL ED HD FS 490G VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CREDITS  
 Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG  
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST HUM DEV&FMLY HD FS 490I VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY POLICY PRG HD FS 490L VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 8 CREDITS  
 Prereq: 449; INSTRUCTOR PERMISSN, SENIOR CLASSIF  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499 1- 6 CREDITS  
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM  
 STUDENT PROPOSED TO WORK  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THEORIES HUMAN DEVE HD FS 510 3 CREDITS  
 Prereq: 9 CREDITS OF SOCIAL SCIENCE  
 7702600 XW ARRANGED DRAPER D  
 MEETS: JUNE 1-AUG 6  
 Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
 Section XW is off campus  
 Course delivery is WWW

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

CMUNTY CNTX WELL-BE HD FS 521 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION; 511 OR 6 CREDITS  
IN SOCIAL SCIENCES  
3548600 XW ARRANGED COOK C  
MEETS: MAY 17-JUNE 25  
Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
Section XW is off campus  
Course delivery is WWW

SEX THERAPY HD FS 586 3 CREDITS  
Prereq: 571 OR 578  
8770005 MTWR 8:40-11:20  
MEETS: MAY 17-JUNE 11

SPCL TOP FAMILY STU HD FS 590A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS HOUSING HD FS 590B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMLY FINAN HD FS 590C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN DEVEL HD FS 590D VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CHILD DEVEL HD FS 590E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY EDUC HD FS 590F VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY SP ED HD FS 590G VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOPICS THERAPY HD FS 590M VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMLY POLCY HD FS 590N VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP FAM STUDI HD FS 591A VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN FAMILY FINAN HD FS 591C VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP HUM DEVEL HD FS 591D VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP CHILD DEV HD FS 591E VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP EARLY ED HD FS 591F VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN EARLY SPL ED HD FS 591G VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

INTERNSHP THERAPY HD FS 591M VAR. CREDITS  
Prereq: 10 GRAD CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMILY STDI HD FS 690A VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS HOUSING HD FS 690B VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

## HUMAN DEVELOPMENT &amp; FAMILY STUDIES (CONTINUED)

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

ADV TOP CHILD DEVEL HD FS 690E VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY EDUC HD FS 690F VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY SP ED HD FS 690G VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

ADV TOPICS THERAPY HD FS 690M VAR. CREDITS  
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

FAM THRPY INTERNSHP HD FS 691C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

RSRCH FAMILY STUDIE HD FS 699A VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HOUSING HD FS 699B VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY FINAN HD FS 699C VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HUMAN DEV HD FS 699D VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CHILD DEV HD FS 699E VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CHLDHD ED HD FS 699F VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CH SPL ED HD FS 699G VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

RES MAR&FAM THERAPY HD FS 699M VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY POLICY HD FS 699N VAR. CREDITS  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## HUMAN SCIENCES

INT'L LEADRSH SEMNR H SCI 482 3 CREDITS  
Prereq: PERMISSION OF THE SEMINAR LEADER  
Note: Meets international perspectives reqmt  
5901800 AT ARRANGED WHITE P  
MEETS: MAY 25-JUNE 4  
Note: SEC AT TAUGHT IN SLZBURG, AUSTRIA. 'GLOBAL  
CITIZENSHIP: THE DEAN'S INTERNATIONAL LEADERSHIP  
SEMINAR' SUMMER 2010  
Study Abroad Administrative Fee Applies

**IMMUNOBIOLOGY**

RESEARCH I E 298 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**INDUSTRIAL ENGINEERING**

COOPERATIVE EDUC I E 298 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGR ECONOMIC ANALY I E 305 3 CREDITS  
 Prereq: MATH 166  
 Note: Available for nonmajor graduate credit  
 4425005 MTWRF 11:00-12:00  
 MEETS: MAY 17-JULY 9

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

COOPERATIVE EDUCATN I E 398 R CREDIT  
 Prereq: 298, PERMISSN OF DEPARTMNT AND ENGINEERING CAREER SERVICES  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTDISCP SYS EFFCTV I E 409 3 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 5998005 A MTWRF 8:30-5:30  
 MEETS: MAY 10-21  
 Note: MEETS 8:30-4:30 MAY 10-14; MEETS 1-5:30 MAY 17-21

MANUFACT SYSTM ENGR I E 448 3 CREDITS  
 Prereq: 248 OR SIMILAR MANUFACTURING EXPERIENCE, 305.  
 Note: Available for nonmajor graduate credit  
 6090005 MTWRF 8:40-9:40  
 MEETS: MAY 17-JULY 9

IND STDY MANUFACTRG I E 490A 1- 5 CREDITS  
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU HUMAN FACTR I E 490B 1- 5 CREDITS  
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU OPER RESRCH I E 490C 1- 5 CREDITS  
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU ENTPRSE CMP I E 490D 1- 5 CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENGR MGT I E 490E 1- 5 CREDITS  
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490H 1- 5 CREDITS  
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
 UNIV HONORS PROGRAM MEMBERSHIP  
 Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 498 R CREDIT  
 Prereq: 298, PERMISSN OF DEPRTMNT AND ENGINEERING CAREER SERVICES  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS I E 590 1- 3 CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP IND ENGR I E 599A VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER RES I E 599C VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**INDUSTRIAL ENGINEERING**

(CONTINUED)

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

ENGINEER INTERNSHIP I E 697 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT  
 Note: Department permission required.  
 Satisfactory-Fail Only.  
 7999005 ARRANGED  
 MEETS: MAY 17-AUG 6

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

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

**INFORMATION ASSURANCE**

INFO ASSURNC INTERN INFAS 697 R CREDIT  
 Prereq: PERMISSN OF DEPT, GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 8082005 A ARRANGED  
 MEETS: MAY 17-AUG 6

**INTERDISCIPLINARY GRADUATE STUDIES**

CREATIVE COMPONENT IGS 599 VAR. CREDITS  
 4480005 ARRANGED  
 MEETS: MAY 17-AUG 6

THESIS RESEARCH IGS 699 VAR. CREDITS  
 4481005 ARRANGED  
 MEETS: MAY 17-AUG 6

**IOWA LAKESIDE LABORATORY**

SOILS&ENVIRONM QUAL IA LL 260I 4 CREDITS  
 Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
 6387005 MTWRF 8:00-5:00  
 MEETS: JUNE 21-JULY 16  
 Note: Tuition Category: Iowa Lakeside Lab

UNDERGRAD INTERNSHP 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 ARRANGED  
 Note: Tuition Category: Iowa Lakeside Lab

ECOLOGY IA LL 312I 4 CREDITS  
 Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
 3707005 MTWRF 8:00-5:00  
 MEETS: MAY 24-JUNE 18  
 Note: Tuition Category: Iowa Lakeside Lab

ANIMAL&THEIR ECOSYS IA LL 333 4 CREDITS  
 Prereq: AN INTRODUCTORY BIOLOGY COURSE  
 Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
 5258005 MTWRF 8:00-5:00  
 MEETS: JUNE 21-JULY 16  
 Note: Tuition Category: Iowa Lakeside Lab

PLANT TAXONOMY IA LL 367 4 CREDITS  
 Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
 3748005 MTWRF 8:00-5:00  
 MEETS: JUNE 21-JULY 16  
 Note: Tuition Category: Iowa Lakeside Lab

PLANT ECOLOGY IA LL 484 4 CREDITS  
 Note: Available for nonmajor graduate credit  
 Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
 3843005 MTWRF 8:00-5:00  
 MEETS: JUNE 21-JULY 16  
 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 ARRANGED  
 Note: Tuition Category: Iowa Lakeside Lab

## IOWA LAKESIDE LABORATORY (CONTINUED)

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 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

GRADUATE INTERNSHPS IA LL 503 1- 5 CREDITS  
Prereq: PERMISN 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 24-JUNE 18  
Note: Tuition Category: Iowa Lakeside Lab

ECOL & SYST DIATOMS IA LL 580I 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3888005 MTWRF 8:00-5:00  
MEETS: MAY 24-JUNE 18  
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>  
3977005 1 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

RESEARCH - IA LL IA LL 699I 1- 4 CREDITS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3965005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

**JOURNALISM & MASS COMMUNICATION**

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS  
4656005 1 MTWRF 12:10-2:10  
MEETS: JULY 12-AUG 6  
Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

REPORT&WRIT MASS MD JL MC 201 3 CREDITS  
Prereq: ENGL 250 OR 105 (OR TESTOUT); A SCORE OF 26 OR HIGHER ON ACT ENGLISH EXAM, 590 OR HIGHER ON THE SAT VERBAL EXAM OR A PASSING SCORE ON THE SCHOOL'S ENGLISH USAGE TEST  
Note: FOR ADVRT, JL MC, P ADV, P JMC MAJORS ONLY  
Department permission required.  
4658005 1 MTWR 8:40-10:50  
MEETS: MAY 17-JULY 9  
Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>  
4658010 2 MTWR 11:00-1:10  
MEETS: MAY 17-JULY 9  
Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

PRIN PUBLIC RELATNS JL MC 220 3 CREDITS  
4684005 MTWRF 9:50-11:50  
MEETS: JUNE 14-JULY 9

STRATEG PLAN AD&P R JL MC 301 3 CREDITS  
Prereq: ADVRT 230 OR JL MC 220; SOPHOMORE CLASSIFICATION  
3838005 1 MTWR 9:50-11:30  
MEETS: MAY 17-JUNE 25

VISUAL PRIN MASS CM JL MC 342 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
4673005 1 MTWRF 9:50-11:10  
MEETS: MAY 17-JUNE 25  
Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

LAB BAS VISUAL PRIN JL MC 342L 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN 342  
Note: COURSE RESTRICTED TO ADVRT, JL MC, P ADV, P JMC SOPHOMORES, JUNIORS AND SENIORS ONLY  
5325005 1 MTWRF 1:20-3:30  
MEETS: MAY 17-JUNE 25

PROFSNL SKILLS DEVL JL MC 390 1- 3 CREDITS  
Prereq: 201; INSTRUCTOR PERMISSION  
1867800 PL ARRANGED CHAMBERLIN D  
MEETS: MAY 15-JUNE 4  
Note: SEC PL TAUGHT IN POLAND. 'POLAND THROUGH LENS' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies

## JOURNALISM &amp; MASS COMMUNICATION (CONTINUED)

MASS COMMUNICAT LAW JL MC 460 3 CREDITS  
Prereq: C+ OR BETTER IN 201, JUNIOR CLASSIFICATN  
Note: COURSE RESTRICTED TO ADVRT, JL MC JUNIORS AND SENIORS ONLY  
Available for nonmajor graduate credit  
4688005 1 MTWRF 2:30-4:30  
MEETS: JUNE 14-JULY 9  
Syllabus: <http://www.jlmc.iastate.edu/undergrad/syllabi.html>

ETHNIC,GENDER&MEDIA JL MC 477 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets U.S. diversity reqmt  
Available for nonmajor graduate credit  
4554005 1 MTWRF 8:40-10:50  
MEETS: MAY 17-JUNE 11

INDEP STDY CMUNCATN JL MC 490 VAR. CREDITS  
Prereq: JUNIOR CLASSIFICATION AND CONTRACT WITH SUPERVISING PROFESSOR TO REGISTER  
Note: NO MORE THAN 3 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS COMMUNIC JL MC 497 1- 3 CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
5786005 1 MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11  
Note: SECTION 1 TOPIC: SPORTS COMMUNICATION

SPL TOP SPORTS COMM JL MC 497D 3 CREDITS  
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY  
6337005 1 MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11

PROFES MEDIA INTERN JL MC 499 3 CREDITS  
Prereq: JL MC MAJORS: C+ OR BETTER IN 202 OR 206 OR 321; ADVRT MAJORS: 301, C+ OR BETTER IN JL MC 201; ALL STUDENTS: JR CLASSIFICATION, FORMAL FACULTY ADVISER APPROVAL OF WRITTEN PROPOSAL  
Note: Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPICALZ JL MC 590B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH MTHD JL MC 590C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2010  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT JL MC 599 VAR. CREDITS  
Prereq: APPROVED CREDIT COMPONENT PROPOSAL  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH JL MC 699 VAR. CREDITS  
Prereq: APPROVED THESIS PROPOSAL  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**KINESIOLOGY**

SWIMMING I KIN 101 1 CREDIT  
Satisfactory-Fail Only.  
5660005 1 MTWR 8:40-9:40  
MEETS: JUNE 14-JULY 29  
Note: Materials and equipment use fee \$10.00  
5660010 2 MTWR 9:50-10:50  
MEETS: JUNE 14-JULY 29  
Note: Materials and equipment use fee \$10.00

BOWLING KIN 129 1 CREDIT  
Satisfactory-Fail Only.  
5675005 1 MTWR 11:00-12:00  
MEETS: MAY 17-JULY 6  
Note: Equipment use fee \$35.00  
5675010 2 MTWR 12:10-1:10  
MEETS: JUNE 14-JULY 29  
Note: Equipment use fee \$35.00

## KINESIOLOGY (CONTINUED)

GOLF KIN 135 1 CREDIT  
Satisfactory-Fail Only.  
5678005 1 MTWR 8:40-9:40  
MEETS: MAY 17-JULY 1  
Note: Materials and equipment use fee \$50.00  
5678010 2 MTWR 7:30-8:30  
MEETS: MAY 17-JULY 1  
Note: Materials and equipment use fee \$50.00

TENNIS KIN 158 1 CREDIT  
Satisfactory-Fail Only.  
5690005 1 MTWR 9:50-10:50  
MEETS: MAY 17-JULY 1  
Note: Materials and equipment use fee \$10.00  
5690010 2 MTWR 11:00-12:00  
MEETS: JUNE 14-JULY 29  
Note: Materials and equipment use fee \$10.00

WALKING FOR FITNESS KIN 164 1 CREDIT  
Satisfactory-Fail Only.  
8867005 1 MTWR 7:30-8:30  
MEETS: MAY 17-JULY 1

WEIGHT TRAINING KIN 166 1 CREDIT  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: ATH 101, SKILL TECHNIQUE  
COURSE IN THE SAME SPORT, KIN 166  
Satisfactory-Fail Only.  
5696005 1 MTWR 7:30-8:30  
MEETS: MAY 17-JULY 1  
Note: Materials and equipment use fee \$10.00

BASIC ATHLETIC TRAIN KIN 220 2 CREDITS  
Prereq: BIOL 155 OR 255 AND 256  
Note: Instructor permission required 1st week.  
5729005 1 MTWR 9:50-11:50  
MEETS: MAY 17-JUNE 11  
Note: Materials fee \$45.00

PHYS FITNESS & COND KIN 258 2 CREDITS  
Prereq: MAJOR IN KINESIOLOGY OR HEALTH  
Note: CREDIT FOR EITHER EX SP/KIN 163 OR EX SP/KIN 258,  
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
RESTRICTED TO D EXA, D EXH, HHP, PDEXA, PDEXH, KIN H  
MAJORS ONLY.  
5732005 1 MTWR 8:40-10:20  
MEETS: JUNE 14-JULY 22  
Note: Materials and professional support fee \$10.00

ELEM&PRESCH MVMT ED KIN 284 3 CREDITS  
Prereq: 3 CREDITS IN HUMAN DEVEL & FAMILY STUDIES  
Note: CREDIT FOR EITHER EX SP/KIN 275/312 OR EX SP/KIN  
284, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
5737005 1 MTWR 1:20-4:20  
MEETS: JUNE 14-JULY 9  
Note: Materials and equipment use fee \$20.00

PRE-INTERN KINESIOLOG KIN 285 1- 2 CREDITS  
Prereq: KINESIOLOGY AND HEALTH MAJOR, AND  
PERMISSION OF INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
8750005 ARRANGED  
MEETS: MAY 17-AUG 6

COACH THY&ADMIN ISS KIN 315 3 CREDITS  
5372005 1 MTWR 8:40-10:50 ENGELHORN R  
ARRANGED  
MEETS: JUNE 14-JULY 9

BIOMECHANICS KIN 355 3 CREDITS  
Prereq: PHYS 106 OR 111  
Note: Available for nonmajor graduate credit  
5752005 1 MTW 11:00-1:00  
R 11:00-1:00  
MEETS: MAY 17-JULY 9  
Note: Materials and equipment use fee \$10.00  
5752010 2 MTW 11:00-1:00  
R 1:20-3:20  
MEETS: MAY 17-JULY 9  
Note: Materials and equipment use fee \$10.00

PHYSIOLOGY EXERCISE KIN 358 3 CREDITS  
Prereq: BIOL 255, 255L, 256 AND 256L  
Note: Available for nonmajor graduate credit  
5766005 1 MTW 8:40-10:10  
R 8:40-10:40  
MEETS: JUNE 14-AUG 6  
Note: Materials and equipment use fee \$10.00  
5766010 2 MTW 8:40-10:10  
F 8:40-10:40  
MEETS: JUNE 14-AUG 6  
Note: Materials and equipment use fee \$10.00

SOC SPORT & EXERCISE KIN 360 3 CREDITS  
Prereq: SOC 134, STAT 101 OR 104 OR 226/326;  
OR KIN 471  
Note: Instructor permission required 1st week.  
5753005 1 MTWR 7:30-9:10  
MEETS: MAY 17-JUNE 25

## KINESIOLOGY (CONTINUED)

MOTOR CNTRL LIFESP KIN 372 3 CREDITS  
Prereq: PSYCH 101 OR PSYCH 230, BIOL 255, 256  
9623005 1 MTWR 12:10-2:10  
MEETS: MAY 17-JULY 9  
Note: Materials and equipment use fee \$10.00

INTERNSH FITNSS MGT KIN 485A 1-16 CREDITS  
Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN,  
C- OR BETTER IN 458 AND 459, MAJOR IN KINESIOLOGY OR  
HEALTH, CUM GPA 2.0  
Satisfactory-Fail Only.  
5772005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Instructor permission required.

INTERNSHP SPORT&ACT KIN 485B 1-16 CREDITS  
Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN,  
MAJOR IN KINESIOLOGY OR HEALTH, CUM GPA 2.0  
Satisfactory-Fail Only.  
5773005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Instructor permission required.

ATHL TRAIN COMPETNC KIN 489 R CREDIT  
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,  
SENIOR CLASSIFICATION  
Satisfactory-Fail Only.  
3220005 ARRANGED  
MEETS: JUNE 14-AUG 6

IND STUDY EXER&SPRT KIN 490A 1- 3 CREDITS  
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND  
PERMISSION OF COORDINATOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY COACHING KIN 490B 1- 3 CREDITS  
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND  
PERMISSION OF COORDINATOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS KIN 490H 1- 3 CREDITS  
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND  
PERMISSION OF COORDINATOR  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS P E KIN 590A 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 590B 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO KIN 590E 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS KIN 590H 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC HUMN GRWTH KIN 590I 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1- 6 CREDITS  
Prereq: 10 GRAD CR IN HHP AND/OR RELATED AREAS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP EX PHYS KIN 591D 1- 6 CREDITS  
Prereq: 10 GRAD CR IN HHP AND/OR RELATED AREA  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT KIN 599 1- 3 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## KINESIOLOGY

(CONTINUED)

RESEARCH KIN 699 1- 6 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**LANDSCAPE ARCHITECTURE**

URBAN DESIGN L A 402 6 CREDITS  
 Prereq: 302  
 6174800 IT ARRANGED MARTIN M  
 MEETS: JUNE 3-JULY 30  
 Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
 DESIGN SUMMER ROME PROGRAM  
 Materials, field trips &/or travel fee  
 \$0.00-\$610.00  
 Study Abroad Administrative Fee Applies

URBAN DESIGN L A 402H 6- 7 CREDITS  
 Prereq: 302. MEMBERSHIP IN UNIV HONORS PROGRAM.  
 Note: Instructor permission required.  
 4110800 IT ARRANGED MARTIN M  
 MEETS: JUNE 3-JULY 30  
 Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
 DESIGN SUMMER ROME PROGRAM- HONORS  
 Materials, field trips &/or travel fee  
 \$0.00-\$610.00  
 Study Abroad Administrative Fee Applies

LAND ARCH INTERNSHP L A 451A R CREDIT  
 Prereq: L A 341, PERMISSION OF ADVISOR AND CHAIR  
 3036005 1 ARRANGED  
 MEETS: MAY 17-AUG 6

L ARCH STUDY ABROAD L A 451B R CREDIT  
 Prereq: L A 341, PERMISSION OF ADVISOR AND CHAIR  
 6212005 ARRANGED  
 MEETS: MAY 17-AUG 6

LA NAT'L STDT XCHNG L A 451C R CREDIT  
 Prereq: L A 341, PERMISSION OF ADVISOR AND CHAIR  
 6213005 ARRANGED  
 MEETS: MAY 17-AUG 6

TOPIC URBAN DESIGN L A 478F 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 3919800 IT ARRANGED MARTIN M  
 MEETS: JUNE 3-30  
 Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
 DESIGN SUMMER ROME PROGRAM  
 Materials, field trips &/or travel fee  
 \$0.00-\$300.00  
 Study Abroad Administrative Fee Applies

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

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

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

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

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

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

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

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

## LANDSCAPE ARCHITECTURE

(CONTINUED)

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

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

IND STDY CMPTR APPL L A 490K 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

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

IND STDY SOCIAL/BHV L A 490M 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STU NATU RESRCE L A 490N 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

THESIS,CRTV CMP,TUT L A 580 1- 4 CREDITS  
 Prereq: PERMISSION OF MAJOR PROFESSOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC DSGN L A 590A 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY L A 590D 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN L A 590E 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSIGN L A 590F 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS L A 590G 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS HONORS L A 590H 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A 590I 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL L A 590K 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS



## LANDSCAPE ARCHITECTURE (CONTINUED)

SPL TOP SOCIAL/BEHV L A 590M 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A 590N 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT L A 599 1- 8 CREDITS  
Prereq: PERMISSION OF MAJOR PROF  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH L A 699 1- 8 CREDITS  
Prereq: PERMISSION OF MAJOR PROFESSOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## LATIN

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

## LIBERAL ARTS &amp; SCIENCES

SPECIAL PROBLEMS LAS 290D 1- 3 CREDITS  
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;  
PERMISSION OF LAS DEAN  
Note: Instructor permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL PROB CATT CENTR LAS 290G 1- 3 CREDITS  
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION,  
PERMISSION OF THE 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

THE HOLOCAUST LAS 385 2- 3 CREDITS  
Note: Meets international perspectives reqmt  
4837005 1 TR 6:00-9:00PM  
MEETS: MAY 17-JULY 9

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

INDEPENDENT STUDY LAS 490 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

IND STDY ENTREPRNSH 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

IND STUDY CATT CNTR LAS 490G VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2010.  
NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED  
TOWARD GRADUATION.  
Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SERVICE LEARNING LAS 491 1- 4 CREDITS  
Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
College permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## LIBERAL ARTS &amp; SCIENCES (CONTINUED)

INTERNSHIP/CO-OP LAS 498 R CREDIT  
Prereq: PERMISSION OF LAS CAREER SERVICES,  
SENIOR CLASSIFICATION  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LAS 499 1- 4 CREDITS  
Prereq: PERMISSION OF LAS CAREER SERVICES  
Note: PERMISSION OF LAS ASSOC DEAN ZORA ZIMMERMAN REQ'D  
College permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## LIBRARY

LIB INSTRUCTION LIB 160 .5 CREDIT  
Prereq: STUDENTS WHOSE NATIVE LANGUAGE IS NOT  
ENGLISH MUST COMPLETE ENGLISH 101 REQUIREMENT  
Satisfactory-Fail Only.  
4862005 1 MW 11:00-12:00  
MEETS: JUNE 14-JULY 9  
4862010 2 TR 1:20-2:20  
MEETS: JUNE 14-JULY 9

## LINGUISTICS

BASIC SIGN LANGUAGE LING 286 3 CREDITS  
Note: Meets U.S. diversity reqmt  
8597005 A MTWRF 11:00-1:00  
MEETS: MAY 17-JUNE 11

IND STU LINGUI,SMAN LING 490B VAR. CREDITS  
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO  
THE TOPIC, JR CLASSIFICATION, PERMISSION OF THE  
UNDERGRADUATE STUDIES COMMITTEE  
Note: Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

INTR LINGUIST ANALY LING 511 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
8616005 A MW 8:40-12:10  
MEETS: JUNE 28-AUG 6

SOCIOLINGUISTICS LING 514 3 CREDITS  
Prereq: 511 OR AN INTRO COURSE IN LING  
8619005 A TR 1:20-4:50  
MEETS: JUNE 28-AUG 6

PRA TCH ENG 2ND LNG LING 588 3 CREDITS  
Prereq: 15 CREDITS TOWARD THE TESL/APPLIED  
LINGUISTICS MASTER'S DEGREE  
6550005 A ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Professional support, field trips &/or  
travel fee \$20.50-\$61.50

SPL TOP TESL/LINGUI LING 590B VAR. CREDITS  
Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE  
ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

PRACTCM TEC &LINGUI LING 688 3 CREDITS  
Prereq: ENGL 510, 626, OR EQUIVALENT; SECOND-YEAR  
PH.D. STUDENT  
6574005 A ARRANGED  
MEETS: MAY 17-AUG 6

## LOGISTICS &amp; SUPPLY CHAIN MGMT

BUSINESS LOGISTICS LSCM 360 3 CREDITS  
Prereq: ECON 101  
Note: STUDENTS WHO DO NOT HAVE PRIOR CREDIT FOR  
OSCM 320 MUST REGISTER FOR SCM 301X INSTEAD OF  
LSCM 360 SUMMER 2010. NOT OPEN TO P BUS MAJORS.  
College permission required to add during  
1st week. Go to 1200 Gerdin.  
6788005 A1 MTWRF 9:50-11:50  
MEETS: JUNE 14-JULY 9  
Note: SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U,  
BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY.  
CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MGMT 370  
& MKT 340 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.  
NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND  
SCM 301X.  
6788010 A2 MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11  
Note: SECTION A2 FOR COLLEGES OTHER THAN BUSINESS

## LOGISTICS &amp; SUPPLY CHAIN MGMT (CONTINUED)

DECISN TOOLS LOG&OP LSCM 460 3 CREDITS  
 Prereq: 360 AND OSCM 320, OR SCM 301X  
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
 Available for nonmajor graduate credit  
 College permission required to add during  
 1st week. Go to 1200 Gerdin.  
 6790005 A1 MTWRF 12:10-2:10  
 MEETS: MAY 17-JUNE 11  
 Note: SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U,  
 BUSEC, FIN, MGMT, MIS, MKT, OSCM MAJORS ONLY  
 6790010 A2 MTWRF 12:10-2:10  
 MEETS: MAY 17-JUNE 11  
 Note: SECTION A2 RESTRICTED TO COLLEGES OTHER THAN  
 BUSINESS

INDEPENDENT STUDY LSCM 490 1- 3 CREDITS  
 Prereq: 360, SENIOR CLASSIF, INSTRUCTOR PERMISSN  
 Note: COURSE NOT OPEN TO P BUS MAJORS  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MANAGEMENT**

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS  
 Prereq: ECON 101 OR 102 OR EQUIVALENT  
 Note: COURSE NOT OPEN TO P BUS MAJORS  
 College permission required to add during  
 1st week. Go to 1200 Gerdin.  
 5282005 A1 MTWRF 7:30-9:30  
 MEETS: MAY 17-JUNE 11  
 Note: SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U,  
 BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY.  
 CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MKT 340  
 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT  
 SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND  
 SCM 301X.  
 5282010 A2 MTWRF 7:30-9:30  
 MEETS: MAY 17-JUNE 11  
 Note: SECTION A2 FOR COLLEGES OTHER THAN BUSINESS

INTERNATIONAL MGMT MGMT 414 3 CREDITS  
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
 Available for nonmajor graduate credit  
 College permission required to add during  
 1st week. Go to 1200 Gerdin.  
 5285005 A MTWRF 9:50-11:50  
 MEETS: JUNE 14-JULY 9

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS  
 Prereq: 370, FIN 301, MKT 340, ACCT 285;  
 GRADUATING SENIOR/ OSCM 320 AND LSCM 360, OR SCM 301X  
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SUMMER  
 2010 IN THE COLLEGE OF BUSINESS  
 College permission required to add during  
 1st week. Go to 1200 Gerdin.  
 5294005 A MTWRF 9:50-11:50  
 MEETS: MAY 17-JUNE 11  
 5294010 B MTWRF 7:30-9:30  
 MEETS: JULY 12-AUG 6

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS  
 Prereq: 370, SENIOR CLASSIFICATION, PERMISSION OF  
 INSTRUCTOR  
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

**MANAGEMENT INFORMATION SYSTEMS**

MGMT INFO SYSTEMS MIS 330 3 CREDITS  
 Prereq: COM S 103  
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS OR P BUS  
 MAJORS  
 College permission required to add during  
 1st week. Go to 1200 Gerdin.  
 4394005 A1 MTWRF 12:10-2:10  
 MEETS: JUNE 14-JULY 9  
 Note: SEC A1 RESTRICTED TO BUSINESS COLLEGE UNDERGRADS  
 4394010 A2 MTWRF 12:10-2:10  
 MEETS: JUNE 14-JULY 9  
 Note: SECTION A2 RESTRICTED TO COLLEGES OTHER  
 THAN BUSINESS

INDEPENDENT STUDY MIS 490 1- 3 CREDITS  
 Prereq: 330, SENIOR CLASSIFICATION, PERMISSION  
 OF INSTRUCTOR  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

INFO RESOURCE MGMT MIS 537 3 CREDITS  
 Prereq: 503  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 2187005 S S 8:30-4:30  
 MEETS: MAY 8-JUNE 19  
 Note: NO MEETING MAY 29  
 Tuition Category: Saturday MBA

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

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  
 College permission required to add during  
 1st week. Go to 1200 Gerdin.  
 5352005 A1 MTWRF 7:30-9:30  
 MEETS: JUNE 14-JULY 9  
 Note: SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U,  
 BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY.  
 CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MGMT 370  
 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT  
 SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND  
 SCM 301X.  
 5352010 A2 MTWRF 7:30-9:30  
 MEETS: JUNE 14-JULY 9  
 Note: SECTION A2 FOR COLLEGES OTHER THAN BUSINESS

STRATEGC MRKTING MGT MKT 443 3 CREDITS  
 Prereq: 444, 447  
 Note: COURSE RESTRICTED TO MKT SENIORS GRADUATING  
 SUMMER 2010  
 College permission required to add during  
 1st week. Go to 1200 Gerdin.  
 5358005 A MTWRF 9:50-11:50  
 MEETS: JUNE 14-JULY 9

FUND CONSUMER BEHAV MKT 447 3 CREDITS  
 Prereq: 340  
 Note: COURSE NOT OPEN TO P BUS MAJORS  
 Available for nonmajor graduate credit  
 College permission required to add during  
 1st week. Go to 1200 Gerdin.  
 5362005 A MTWRF 9:50-11:50  
 MEETS: MAY 17-JUNE 11

INDEPENDENT STUDY MKT 490 1- 3 CREDITS  
 Prereq: 340, SR CLASSIFICATN; INSTRUCTOR PERMISSN  
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SERVICES MARKETING MKT 543X 3 CREDITS  
 Prereq: 504 AND INSTRUCTOR PERMISSION  
 2764005 S S 8:30-4:30  
 MEETS: MAY 8-JUNE 19  
 Note: NO CLASS MAY 29  
 Tuition Category: Saturday MBA

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

**MATERIALS ENGINEERING**

COOPERATIVE EDUC MAT E 298 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
 CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRIN MATRLS SCI&ENG MAT E 392 3 CREDITS  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
 APPLIED TOWARD GRADUATION: MAT E 215, MAT E 272,  
 MAT E 392  
 Meets international perspectives reqmt  
 Satisfactory-Fail Only.  
 8485800 GB ARRANGED CHUMBLEY S  
 MEETS: JUNE 2-JULY 17  
 Note: SEC GB TAUGHT IN BRUEL UNIVERSITY, UXBRIDGE,  
 UNITED KINGDOM. 'MSE SUMMER EXPERIENCE IN WEST  
 LONDON' STUDY ABROAD SUMMER 2010  
 Study Abroad Administrative Fee Applies

## MATERIALS ENGINEERING

(CONTINUED)

- SUMMER INTERNSHIP MAT E 396 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- COOPERATIVE EDUC MAT E 398 R CREDIT  
Prereq: 298, PERMISSN OF DEPTMNT AND ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- MICROELEC FABRICATN MAT E 432 4 CREDITS  
Prereq: PHYS 222, MATH 267. RECOMMENDED: E E 332 OR MAT E 334.  
Note: Available for nonmajor graduate credit  
6677005 1 ARRANGED  
MEETS: JUNE 14-AUG 6  
Note: Materials fee \$300.00
- INDEPENDENT STUDY MAT E 490 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- COOPERATIVE EDUC MAT E 498 R CREDIT  
Prereq: 398, PERMISSN OF DEPTMNT AND ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MATERIALS SCIENCE & ENGINEERING**

- TECHNLGY FOR TEACHR M S E 570 2 CREDITS  
Prereq: C I 201, NON-ENGINEERING MAJOR  
8315005 MTWRF 8:30-11:30  
MTWRF 12:30-3:30  
MEETS: JUNE 7-11
- SPECIAL TOPICS M S E 590 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- ADV TOPICS MATRL SC M S E 690 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- ENGINEERG INTERNSHP M S E 697 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN Satisfactory-Fail Only.  
4307005 ARRANGED  
MEETS: MAY 17-AUG 6
- RESEARCH M S E 699 VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MATHEMATICS**

- HIGH SCHOOL ALGEBRA MATH 10 0 CREDITS  
Note: DEVELOPMENTAL MATH FEE APPLIES. SEE FEES INFO AT [HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/FEESINFO.SHTML](http://www.iastate.edu/~REGISTRAR/FEES/FEESINFO.SHTML)  
Instructor permission required 1st week.  
Satisfactory-Fail Only.  
5115005 A1 MTWRF 8:15-9:45  
MEETS: JUNE 14-AUG 6
- INTRO PROB&MATRIC 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 17-JULY 9
- INTRO TO MATH IDEAS MATH 105 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YEAR OF HS GEOMETRY  
Note: CREDITS EARNED IN MATH 105 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS  
5129005 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9
- 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 GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.  
5132005 A MTWRF 9:50-10:50  
MEETS: JUNE 14-AUG 6  
5132010 B MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9  
5132020 C MTWRF 2:30-4:40  
MEETS: JULY 6-30  
5132015 W ARRANGED  
MEETS: JUNE 14-AUG 6  
Note: Course delivery is WWW

## MATHEMATICS

(CONTINUED)

- TRIGONOMETRY MATH 141 2 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLED IN 140  
Note: CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 141 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE LAS COLLEGE MAY NOT COUNT MATH 141 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.  
5133005 A MTWRF 8:40-9:40  
MEETS: MAY 17-JUNE 25  
5133015 B MTWRF 8:40-9:40  
MEETS: JUNE 14-JULY 23  
5133020 C MTWRF 2:30-4:40  
MEETS: JULY 6-23  
5133030 W ARRANGED  
MEETS: JUNE 28-AUG 6  
Note: Course delivery is WWW
- TRIG&ANALY GEOMETRY MATH 142 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLMENT IN 140  
Note: CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 142 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE LAS COLLEGE MAY NOT COUNT MATH 142 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.  
5134005 A MTWRF 8:40-9:40  
MEETS: MAY 17-JULY 9  
5134015 B MTWRF 8:40-9:40  
MEETS: JUNE 14-AUG 6  
5134020 C MTWRF 2:30-4:40  
MEETS: JULY 6-30  
5134030 W ARRANGED  
MEETS: JUNE 14-AUG 6  
Note: Course delivery is WWW
- DISC MATH BUS&SOC S MATH 150 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 150 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.  
5135005 A MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
5135010 B MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9  
5135015 C MTWRF 9:50-10:50  
MEETS: JUNE 14-AUG 6
- BUS & SOC SCI CALC MATH 151 3 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182. CREDITS EARNED IN MATH 151 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.  
5136005 A MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
5136010 B MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9  
5136015 C MTWRF 9:50-10:50  
MEETS: JUNE 14-AUG 6  
5136020 D MTWR 7:00-8:15PM  
MEETS: MAY 17-JULY 9
- CALCULUS I MATH 165 4 CREDITS  
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YRS OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY OR ENROLLMENT IN 141 OR 142  
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182  
5138005 A MTWRF 8:40-10:00  
MEETS: MAY 17-JULY 9  
5138010 B MTWRF 8:40-10:00  
MEETS: JUNE 14-AUG 6
- CALCULUS II MATH 166 4 CREDITS  
Prereq: GRADE OF C- OR BETTER IN 165 OR HIGH MATH PLACEMENT SCORES  
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, MATH 160, MATH 165-166, MATH 181-182  
5139005 A MTWRF 11:00-12:20  
MEETS: MAY 17-JULY 9  
5139015 B MTWRF 11:00-12:20  
MEETS: JUNE 14-AUG 6  
5139020 C MTWRF 11:00-12:20  
MEETS: MAY 17-JULY 9

## MATHEMATICS

(CONTINUED)

CALCULUS III MATH 265 4 CREDITS  
Prereq: GRADE OF C- OR BETTER IN 166 OR 166H  
5151005 A MTWRF 9:50-11:10  
MEETS: MAY 17-JULY 9  
5151015 B MTWRF 9:50-11:10  
MEETS: JUNE 14-AUG 6  
5151025 C MTWRF 9:50-11:10  
MEETS: MAY 17-JULY 9

ELEM DIFF EQUATNS MATH 266 3 CREDITS  
Prereq: GRADE OF C- OR BETTER IN 166 OR 166H  
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268  
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD  
GRADUATION  
5152005 A MTWRF 12:10-1:30  
MEETS: MAY 17-JUNE 25  
5152010 B MTWRF 12:10-1:30  
MEETS: MAY 17-JUNE 25  
5152015 C MTWRF 12:10-1:30  
MEETS: JUNE 14-JULY 23

DIFF EQ & TRANSFMS MATH 267 4 CREDITS  
Prereq: GRADE OF C- OR BETTER IN 166 OR 166H  
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268  
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD  
GRADUATION  
5153005 A MTWRF 12:10-1:30  
MEETS: MAY 17-JULY 9  
5153010 B MTWRF 12:10-1:30  
MEETS: MAY 17-JULY 9  
5153015 C MTWRF 12:10-1:30  
MEETS: JUNE 14-AUG 6

INDEPENDENT STUDY MATH 290 1- 3 CREDITS  
Note: Department permission required.  
5156005 ARRANGED  
MEETS: MAY 17-AUG 6

INDEP STUDY HONORS MATH 290H 1- 3 CREDITS  
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: Department permission required.  
5157005 ARRANGED  
MEETS: MAY 17-AUG 6

MATRCES&LINEAR ALGB MATH 307 3 CREDITS  
Prereq: 2 SEMESTERS OF CALCULUS  
Note: CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT  
BOTH, MAY BE APPLIED TOWARD GRADUATION  
Available for nonmajor graduate credit  
5161005 A MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9

COOPERATIVE EDUC MATH 398 R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE  
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
4551005 EJ ARRANGED  
MEETS: MAY 17-AUG 6

ANALYSIS I MATH 414 3 CREDITS  
Prereq: 201, 265; AND 307 OR 317  
Note: Available for nonmajor graduate credit  
5171005 MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9

INDEPENDENT STUDY MATH 490 1- 3 CREDITS  
Prereq: 301 OR 317; 6 CREDITS IN MATH  
Note: NO MORE THAN 9 CREDITS OF MATH 490 MAY BE APPLIED  
TOWARD GRADUATION  
5182005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Department permission required.  
5182015 AR ARRANGED  
MEETS: MAY 17-AUG 6  
5182010 KD ARRANGED  
MEETS: MAY 17-AUG 6

INDEP STUDY HONORS MATH 490H 1- 3 CREDITS  
Prereq: 301 OR 317; 6 CREDITS IN MATH, MEMBERSHIP  
IN UNIV HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF MATH 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
5183005 ARRANGED  
MEETS: MAY 17-AUG 6

INTRO REAL ANALYSIS MATH 501 3 CREDITS  
Prereq: 265 AND 307 OR 317  
7394005 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9

ED SEM TCH ANLY&ALG MATH 540C 1 CREDIT  
Prereq: ENROLLMENT IN THE MASTER OF SCHOOL  
MATHEMATICS PROGRAM OR PROFESSIONAL STUDIES IN EDUC  
6506005 W 11:00-1:20  
MEETS: JUNE 14-JULY 30

## MATHEMATICS

(CONTINUED)

INTERMED CALCULUS MATH 545 4 CREDITS  
Prereq: 3 SEMESTERS OF CALCULUS & ENROLLMENT  
IN THE MASTER OF SCHOOL MATHEMATICS PROGRAM  
5212005 MTWRF 7:30-9:20  
MEETS: JUNE 14-JULY 30

ALGRTH & CPTR IMLEM MATH 546 3 CREDITS  
Prereq: 3 SEMESTERS IN CALCULUS OR CONCURRENT  
ENROLLMENT IN THE MASTER OF SCHOOL MATH PROG  
5213005 MTWRF 9:40-11:00  
MEETS: JUNE 14-JULY 30

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

SEMINAR MATH 610 VAR. CREDITS  
5231005 ARRANGED  
MEETS: MAY 17-AUG 6  
5231010 LH ARRANGED  
MEETS: MAY 17-AUG 6  
Note: SECTION LH OFFERED FOR 3 CREDITS

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

## MECHANICAL ENGINEERING

ENGR THERMODYNAM 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. COURSE RESTRICTED  
TO ENGINEERING COLLEGE MAJORS ONLY.  
4877005 A MTWRF 9:50-11:10  
MEETS: MAY 17-JUNE 25

COOPERATIVE EDUCATN M E 298 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MANUFACTURING ENGR M E 324 4 CREDITS  
Prereq: 270, MAT E 272, E M 324  
Note: COURSE RESTRICTED TO M E, A E MAJORS ONLY  
Available for nonmajor graduate credit  
6277005 A MTWRF 7:30-8:50  
TR 1:20-3:45  
MEETS: JUNE 28-AUG 6  
Note: Materials fee \$15.00  
6277010 B MTWRF 7:30-8:50  
TR 9:50-12:15  
MEETS: JUNE 28-AUG 6  
Note: Materials fee \$15.00

MACHINE DESIGN M E 325 3 CREDITS  
Prereq: ENGR 170, E M 324, STAT 305  
Note: COURSE RESTRICTED TO A E, M E MAJORS ONLY  
Available for nonmajor graduate credit  
6287005 A MTWRF 7:30-8:50  
MEETS: MAY 17-JUNE 25

ENGR THERMODYNAM II M E 332 3 CREDITS  
Prereq: 231  
Note: COURSE RESTRICTED TO M E MAJORS ONLY  
Available for nonmajor graduate credit  
4878005 1 MTWRF 12:10-1:30  
MEETS: JUNE 28-AUG 6

FLUID FLOW M E 335 4 CREDITS  
Prereq: E M 345, MATH 266 OR 267, CREDIT OR  
ENROLLMENT IN M E 332 AND 370  
Note: Available for nonmajor graduate credit  
5703005 1 MTWRF 11:00-12:20  
TR 2:30-4:55  
MEETS: MAY 17-JUNE 25  
5703010 2 MTWRF 11:00-12:20  
MW 2:30-4:55  
MEETS: MAY 17-JUNE 25

MEASURMTS&INSTRUMTN M E 370 3 CREDITS  
Prereq: E E 442, STAT 305  
Note: COURSE RESTRICTED TO M E MAJORS ONLY  
Available for nonmajor graduate credit  
4881005 1 MTWRF 1:20-2:15  
WF 7:30-10:30  
MEETS: MAY 17-JUNE 25  
4881010 2 MTWRF 1:20-2:15  
WF 2:30-5:30  
MEETS: MAY 17-JUNE 25

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

COOPERATIVE EDUC M E 398 R CREDIT  
Prereq: 298, PERMISSN OF DEPRTMNT AND ENGINEERING  
CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MECHANICAL ENGINEERING

(CONTINUED)

MECH SYST & CONTROL M E 421 4 CREDITS  
Prereq: E M 345, MATH 267, E E 442, 448  
Note: Available for nonmajor graduate credit  
6310005 1 MTWRF 12:10-1:30  
MW 2:30-4:55  
MEETS: MAY 17-JUNE 25  
6310010 2 MTWRF 12:10-1:30  
TR 2:30-4:55  
MEETS: MAY 17-JUNE 25

HEAT TRANSFER M E 436 4 CREDITS  
Prereq: 335  
Note: Available for nonmajor graduate credit  
5711005 1 MTWRF 9:50-11:10  
MW 2:30-4:55  
MEETS: JUNE 28-AUG 6  
5711010 2 MTWRF 9:50-11:10  
TR 1:20-3:45  
MEETS: JUNE 28-AUG 6  
5711015 3 MTWRF 9:50-11:10  
MW 12:10-2:35  
MEETS: JUNE 28-AUG 6

IND STU MEAS&INSTRM M E 490C 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU HEAT TRANSF M E 490D 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID POWER M E 490E 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN&SYS M E 490F 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU MATRLS &MFG M E 490G 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS M E 490H 1- 6 CREDITS  
Prereq: SR CLASSIFCATN, MEMBERSHIP IN HONORS PROG  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN M E 490J 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID MECH M E 490K 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU TURBOMACHIN M E 490L 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU NUCL ENGR M E 490M 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY CAD/CAM M E 490N 1- 6 CREDITS  
Prereq: SENIOR CLASSIFICATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 498 R CREDIT  
Prereq: 298, PERMISSION OF DEPTMNT AND ENGINEERING CAREER SERVICES  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXP GAS DYN M E 590A 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLUID MECH M E 590B 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HEAT TRANSF M E 590C 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC THERMODYN M E 590D 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TURBOMACHIN M E 590E 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP VEHIC PROPUL M E 590F 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV MACH DSN M E 590G 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AUTO CONTRL M E 590I 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## MECHANICAL ENGINEERING

(CONTINUED)

SPL TOP ENVIR &DSGN M E 590J 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MATLS BEHAV M E 590K 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MFG PROCESS M E 590L 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC TRIBOLOGY M E 590M 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SENSTV MTHD M E 590N 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR COMPUT M E 590O 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR MEASUR M E 590P 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP LIT INVESTIG M E 590Q 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NUCLEAR ENG M E 590R 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOP CAD/CAM M E 590S 1- 8 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

ADV TOP EXP GAS DYN M E 690A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLUID MECH M E 690B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HEAT TRANSF M E 690C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC THERMODYN M E 690D VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP TURBOMACHIN M E 690E VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP VEHIC PROPUL M E 690F VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TP ADV MACH DSN M E 690G VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AUTO CONTRL M E 690I VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MATLS BEHAV M E 690K VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MFG PROCESS M E 690L VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC TRIBOLOGY M E 690M VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SENSTV MTHD M E 690N VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR COMPUT M E 690O VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR MEASUR M E 690P VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTG M E 690Q VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M E 697 R CREDIT  
Prereq: PERMISSION OF DIRECTOR OF GRADUATE EDUCATION, GRAD CLASSIFICATION  
Satisfactory-Fail Only.  
8151005 ARRANGED  
MEETS: MAY 17-AUG 6

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

**METEOROLOGY**

COOPERATIVE EDUCATN MTEOR 298 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION  
4813005 ARRANGED  
MEETS: MAY 17-AUG 6

## METEOROLOGY

(CONTINUED)

METEOROL INTERNSHIP MTEOR 321 1- 2 CREDITS  
Prereq: 311; JR OR SR STANDING; PERMISSION OF  
COOP PROGRAM COORD; ACCEPTANCE BY SPONSORING AGENCY  
Satisfactory-Fail Only.  
5381005 ARRANGED GALLUS W  
MEETS: MAY 17-AUG 6

COOPERATIVE EDUCATN MTEOR 398 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE  
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
4823005 ARRANGED  
MEETS: MAY 17-AUG 6

IND STUDY SYNOPTIC MTEOR 490A 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8424005 ARRANGED  
MEETS: MAY 17-AUG 6

INDEP STUDY DYNAMIC MTEOR 490B 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8425005 ARRANGED  
MEETS: MAY 17-AUG 6

IND STUDY PHYSICAL MTEOR 490C 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8426005 ARRANGED  
MEETS: MAY 17-AUG 6

IND STU INSTRUMENTN MTEOR 490D 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
1010005 ARRANGED  
MEETS: MAY 17-AUG 6

IND STUDY HYDROLOGY MTEOR 490E 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
8668005 ARRANGED  
MEETS: MAY 17-AUG 6

IND STU CLIMATE/WTR MTEOR 490F 1- 3 CREDITS  
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
APPLIED TOWARD GRADUATION  
3583005 ARRANGED  
MEETS: MAY 17-AUG 6

COOPERATIVE EDUCATN MTEOR 498 R CREDIT  
Prereq: PERMISSION OF THE DEPT COOPERATIVE  
EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
4824005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8427005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8429005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8430005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8431005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
8432005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8433005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8434005 ARRANGED  
MEETS: MAY 17-AUG 6

## METEOROLOGY

(CONTINUED)

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8435005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8437005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
1230005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3901005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
3904005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
8669005 ARRANGED  
MEETS: MAY 17-AUG 6

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

## MICROBIOLOGY

BIOL MICROORGANISMS MICRO 302 3 CREDITS  
Prereq: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212;  
ONE SEMESTER OF CHEMISTRY  
1426005 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9

INDEPENDENT STUDY MICRO 490 1- 5 CREDITS  
Prereq: A MINIMUM OF 6 CR HOURS OF 300-LEVEL OR  
ABOVE COURSEWORK IN MICRO, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE  
USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MICRO 490H 1- 5 CREDITS  
Prereq: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE  
COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP IN  
UNIV HONORS PROGRAM  
Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE  
USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
GRADUATION. RESTRICTED TO HONORS PROGRAM STUDENTS  
ONLY.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP MICRO 495 1- 2 CREDITS  
Prereq: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE  
COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR  
Satisfactory-Fail Only.  
9679005 ARRANGED  
MEETS: MAY 17-AUG 6

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

GRAD RESEARCH ROTAT MICRO 697 VAR. CREDITS  
7161005 ARRANGED  
MEETS: MAY 17-AUG 6

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

## MILITARY SCIENCE

IND STDY: BASIC MILI M S 290 1- 3 CREDITS  
Prereq: PERMISSION OF THE M S DEPT CHAIR  
Note: NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL  
COURSES MAY BE APPLIED TOWARD GRADUATION  
8153005 ARRANGED GIROUX A  
MEETS: MAY 17-AUG 6

IND STDY: ADV MIL ST M S 490 1 CREDIT  
Prereq: M S 301, 302, 401, 402, PERMISSION  
OF THE MILITARY SCIENCE DEPARTMENT CHAIR  
9598005 ARRANGED SOUPENE J  
MEETS: MAY 17-AUG 6

**MOLECULAR CELLULAR DEV BIOLOGY**

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS  
Satisfactory-Fail Only.  
7278005 ARRANGED  
MEETS: MAY 17-JULY 9

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

**MUSIC**

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS  
Note: Meets international perspectives reqmt  
5406005 A MTWRF 9:50-11:50  
MEETS: JUNE 14-JULY 9  
5406010 B ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Course delivery is WWW

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CREDITS  
Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CREDITS  
Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MUSIC**

(CONTINUED)

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 290H VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN  
UNIVERSITY HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 318B 1- 2 CREDITS  
Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CREDITS  
Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED MUSIC 321J 1 CREDIT  
Prereq: ADVANCED PROFICIENCY AND PERFORMING  
ABILITY, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY VOICE MUSIC 415A 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG JAZZ PERF MUSIC 415J 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 419A 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 419B 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 419E 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



## MUSIC

(CONTINUED)

APPL MUSIC WOODWIND MUSIC 419F 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G 1- 3 CREDITS  
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2010  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY EDUCATN MUSIC 490A VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY THEORY MUSIC 490B VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU COMPOSITION MUSIC 490C VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY MUSIC 490D VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY LITERATURE MUSIC 490E VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY APPL MUSIC MUSIC 490F VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS MUSIC 490H VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN  
UNIVERSITY HONORS PROGRAM  
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRNC M MUSIC 490I VAR. CREDITS  
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS EDUC MUSIC 590A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPEL TOPICS THEORY MUSIC 590B VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPEL TOPICS COMPOSIT MUSIC 590C VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT MUSIC 590E VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC MUSIC 590F VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRNC MU MUSIC 590I VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## NATURAL RESOURCE ECOLOGY AND MGMT

INTERNSHIP NREM 303 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, SOPH STANDING  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD INTERNSHP NREM 303I 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR AND SOPHOMORE  
STANDING  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
4355005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

IND STDY ANIMAL ECO NREM 490A 1- 4 CREDITS  
Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CREDITS  
Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS  
Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN  
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

UG INDEP STDY IA LL NREM 490I 1- 4 CREDITS  
Prereq: JR OR SR CLASSIFICATION AND PERMISSION OF  
INSTRUCTOR  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
8987005 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab

INTERNATIONL TRAVEL NREM 496A 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Meets international perspectives reqmt  
2596805 CN ARRANGED SCHULTZ R  
MEETS: MAY 12-JUNE 12  
Note: SEC CN TAUGHT IN CHINA AND SOUTH KOREA.  
'EXPLORING THE ROADS LESS TRAVELED IN RURAL CHINA  
AND SOUTH KOREA' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies  
2596810 UG ARRANGED SCHULTZ R  
MEETS: JUNE 6-JULY 10  
Note: SEC UG TAUGHT IN UGANDA: KAMULI DISTRICT AND  
KAMPALA. CREATING A SCHOOL GARDEN: SERVICE LEARNING  
IN UGANDA SUMMER 2010  
Study Abroad Administrative Fee Applies

AQUATIC ECOLOGY NREM 508I 4 CREDITS  
Prereq: COURSES IN ECOLOGY, CHEMISTRY, & PHYSICS  
Note: Permission of Lakeside Lab Office required  
<http://www.continuetolearn.uiowa.edu/lakesidelab>  
3861005 MTWRF 8:00-5:00  
MEETS: MAY 24-JUNE 18  
Note: Tuition Category: Iowa Lakeside Lab

INTRO DNA TECHNIQS NREM 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
3744005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 14-JULY 2

INTR PROTEIN TECHNQ NREM 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
3806005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 12-30

SPL TOPCS ANIML ECO NREM 590A 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY NREM 590B 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH NREM 699 1-12 CREDITS  
Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2010  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## NAVAL SCIENCE

INDEPENDENT STUDY N S 490 1- 3 CREDITS  
Prereq: SENIOR CLASSIFICATION AND PRIOR APPROVAL  
OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL SCIENCE  
Note: NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED  
TOWARD GRADUATION  
Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**NEUROSCIENCE**

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

**NUTRITIONAL SCIENCES**

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 8628005 MTRF 1:00-2:00  
 MTRF 2:00-4:00  
 MEETS: JUNE 14-JULY 2

INTR PROTEIN TECHNQ NUTRS 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 8644005 MTRF 1:00-2:00  
 MTRF 2:00-4:00  
 MEETS: JULY 12-30

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

**OPERATIONS AND SUPPLY CHAIN MGMT**

PROD/OPERATIONS MGT OSCM 320 3 CREDITS  
 Prereq: STAT 226  
 Note: STUDENTS WHO DO NOT HAVE PRIOR CREDIT FOR  
 LSCM 360 MUST REGISTER FOR SCM 301X INSTEAD OF  
 OSCM 320 SUMMER 2010. NOT OPEN TO P BUS MAJORS.  
 College permission required to add during  
 1st week. Go to 1200 Gerdin.  
 5279005 A1 MTWRF 9:50-11:50  
 MEETS: MAY 17-JUNE 11  
 Note: SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U,  
 BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY.  
 CONCURRENT ENROLLMENT OR PRIOR CREDIT IN FIN 301  
 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT  
 SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370 AND  
 MKT 340.  
 5279010 A2 MTWRF 9:50-11:50  
 MEETS: JUNE 14-JULY 9  
 Note: SECTION A2 FOR COLLEGES OTHER THAN BUSINESS

INDEPENDENT STUDY OSCM 490 1- 3 CREDITS  
 Prereq: OSCM 320, SENIOR CLASSIFICATION,  
 PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ORGANIZATION FOR TROPICAL STUDIES**

ECO TROPICAL BIOLGY OTS 510 8 CREDITS  
 7535005 ARRANGED  
 MEETS: MAY 17-AUG 6

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS  
 7544005 ARRANGED  
 MEETS: MAY 17-AUG 6

**PERFORMING ARTS**

PERFORM ARTS INTERN PERF 310 R CREDIT  
 Satisfactory-Fail Only.  
 3677005 ARRANGED  
 MEETS: MAY 17-AUG 6

PERFRM ARTS SEMINAR PERF 401 2 CREDITS  
 Note: Available for nonmajor graduate credit  
 3706005 ARRANGED  
 MEETS: MAY 17-JULY 9

**PHILOSOPHY**

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS  
 5824005 A MTWRF 9:50-11:50  
 MEETS: MAY 17-JUNE 11

MORAL THEOR&PRCTICE PHIL 230 3 CREDITS  
 5827005 A MTWRF 12:10-2:10  
 MEETS: MAY 17-JUNE 11  
 5827010 B MTWRF 12:10-2:10  
 MEETS: MAY 17-JUNE 11

PHILOSOPHY OF LAW PHIL 332 3 CREDITS  
 Prereq: 201 OR 230  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 5836005 MTWRF 9:50-11:10  
 MEETS: MAY 17-JUNE 25

**PHILOSOPHY**

(CONTINUED)

PHIL OF TECHNOLOGY PHIL 343 3 CREDITS  
 Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341  
 AND 3 CREDITS OF SOCIAL SCIENCE  
 Note: Available for nonmajor graduate credit  
 7343005 A MTWRF 9:50-11:50  
 MEETS: MAY 17-JUNE 11

INDEPENDENT STUDY PHIL 490 1- 4 CREDITS  
 Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTR,  
 APPROVAL OF CHAIR  
 Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHIL 490H 1- 4 CREDITS  
 Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTR,  
 APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE  
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO  
 HONORS PROGRAM STUDENTS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVEY PHIL 492 R CREDIT  
 Note: COURSE RESTRICTED TO PHIL SENIORS GRADUATING 1'10  
 Satisfactory-Fail Only.  
 3891005 ARRANGED  
 MEETS: MAY 17-AUG 6

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 5850005 ARRANGED  
 MEETS: MAY 17-AUG 6

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 5851005 ARRANGED  
 MEETS: MAY 17-AUG 6

SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 Note: Instructor permission required.  
 5852005 ARRANGED  
 MEETS: MAY 17-AUG 6

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 5853005 ARRANGED  
 MEETS: MAY 17-AUG 6

**PHYSICS**

GENERAL PHYSICS PHYS 111 4 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 2010  
 REGISTERS FOR 111 FOR SUMMER 2010 BEFORE SPRING 2010  
 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM  
 THE STUDENT'S SCHEDULE.  
 5857005 1 MTWR 12:10-1:10  
 TWRF 9:50-10:50  
 MW 7:30-9:40  
 MEETS: JUNE 14-AUG 6  
 5857010 2 MTWR 12:10-1:10  
 TWRF 11:00-12:00  
 MW 1:20-3:30  
 MEETS: JUNE 14-AUG 6  
 5857015 3 MTWR 12:10-1:10  
 TWRF 11:00-12:00  
 MW 3:40-5:50  
 MEETS: JUNE 14-AUG 6

GENERAL PHYSICS PHYS 112 4 CREDITS  
 Prereq: 111  
 Note: IF A STUDENT ENROLLED IN 112 FOR SPRING 2010  
 REGISTERS FOR 112 FOR SUMMER 2010 BEFORE SPRING 2010  
 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM  
 THE STUDENT'S SCHEDULE.  
 5858005 1 MTWRF 1:20-2:20  
 TR 9:50-10:50  
 MW 9:50-12:00  
 MEETS: JUNE 14-AUG 6  
 5858010 2 MTWRF 1:20-2:20  
 TR 9:50-10:50  
 MW 2:30-4:40  
 MEETS: JUNE 14-AUG 6

INTR CLASSCL PHYS I PHYS 221 5 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MATH 166  
 Note: IF A STUDENT ENROLLED IN 221 FOR SPRING 2010  
 REGISTERS FOR 221 FOR SUMMER 2010 BEFORE SPRING 2010  
 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM  
 THE STUDENT'S SCHEDULE.  
 5861005 1 MTWRF 9:50-10:50  
 MWF 8:40-9:40  
 R 7:30-9:40  
 MEETS: JUNE 14-AUG 6  
 5861010 2 MTWRF 9:50-10:50  
 MWF 8:40-9:40  
 R 2:30-4:40  
 MEETS: JUNE 14-AUG 6  
 5861015 3 MTWRF 9:50-10:50  
 MWF 7:30-8:30  
 R 12:10-2:20  
 MEETS: JUNE 14-AUG 6

## PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 222 5 CREDITS  
Prereq: 221, MATH 166  
Note: IF A STUDENT ENROLLED IN 222 FOR SPRING 2010  
REGISTERS FOR 222 FOR SUMMER 2010 BEFORE SPRING 2010  
ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED  
FROM THE STUDENT'S SCHEDULE

5863005 1 MTWRF 11:00-12:00  
WF 8:40-9:40  
TR 12:10-2:20  
MEETS: JUNE 14-AUG 6

5863010 2 MTWRF 11:00-12:00  
WF 9:50-10:50  
TR 8:40-10:50  
MEETS: JUNE 14-AUG 6

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

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5886005 1 ARRANGED  
MEETS: JUNE 14-AUG 6

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

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

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS  
Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

**PLANT BIOLOGY**

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

**PLANT PATHOLOGY**

INDEP STDY PLT PATH PL P 490A 1- 3 CREDITS  
Prereq: JR OR SR CLASSIFICATION, 7 CREDITS IN  
BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE  
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
FOR GRADUATION

3152005 ARRANGED  
MEETS: MAY 17-AUG 6

HONORS INDEP STUDY PL P 490H 1- 3 CREDITS  
Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL  
SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM  
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE  
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
FOR GRADUATION. COURSE RESTRICTED TO HONORS PROGRAM  
STUDENTS ONLY.

3155005 ARRANGED  
MEETS: MAY 17-AUG 6

SPECIAL TOPICS PL P 590 1- 3 CREDITS  
Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION

5953005 ARRANGED  
MEETS: MAY 17-AUG 6

THESIS&DIS RESEARCH PL P 699 VAR. CREDITS  
5960005 ARRANGED  
MEETS: MAY 17-AUG 6

**POLITICAL SCIENCE**

INTR AMERIC GOVERNMENT POL S 215 3 CREDITS  
5961005 A MTWRF 8:40-10:00  
MEETS: MAY 17-JUNE 25

INTRO ETHICS&POLTCS POL S 235 3 CREDITS  
Prereq: SOPHOMORE STANDING

5715005 A MTWRF 11:00-12:20  
MEETS: MAY 17-JUNE 25

## POLITICAL SCIENCE

(CONTINUED)

INTERNATL RELATIONS POL S 315 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.

8813005 A MTWRF 9:50-11:50  
MEETS: MAY 17-28

8813010 B MTWRF 9:50-11:50  
MEETS: JUNE 1-14  
Note: SECTION B TOPIC: THE VIETNAM WAR

DMCRCY DVRSTY AMER POL S 333X 3 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
Note: Meets U.S. diversity reqmt

9241005 MTWRF 9:50-11:50  
MEETS: JULY 12-AUG 6

GOVT,BUSINESS&SOCIE POL S 477 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Available for nonmajor graduate credit

9710005 MTWRF 8:30-5:00  
MEETS: MAY 24-28

IND STUDY AMER GOVT POL S 490A VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY THRY&METHD POL S 490B VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490C VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY EXT CREDIT POL S 490E 1- 2 CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR POL S 490G VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CREDITS  
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG  
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491 3 CREDITS  
Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND  
PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

POL SCI INTERNSHIP POL S 499 VAR. CREDITS  
Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR  
CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR  
Note: USE OF POL S 499 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

## POLITICAL SCIENCE

(CONTINUED)

GOVT,BUSINESS&SOCIE POL S 577 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
9711005 MTWRF 8:30-5:00  
MEETS: MAY 24-28

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

SPL TOPC PUBLIC LAW POL S 590B 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLIT THEORY POL S 590C 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPAR GOVT POL S 590D 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L RELAT POL S 590E 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP PUB POL&ADM POL S 590G 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD FIRST  
WEEK. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INTERNSHIP POL S 590I 2- 5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PUBLIC ADMIN INTERN POL S 598 3- 6 CREDITS  
Prereq: 15 CREDITS IN POL S, INSTRUCTR PERMISSION  
4540005 ARRANGED  
MEETS: MAY 17-AUG 6

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

SEM PUB ADMIN&POLCY POL S 610G 3 CREDITS  
Prereq: 15 CREDITS IN POLITICAL SCIENCE  
6059005 1 TR 8:40-1:40  
MEETS: JUNE 14-JULY 9  
Note: SECTION 1 TOPIC: STRATEGIC PERSONNEL MANAGEMENT

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

## PORTUGUESE

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

## PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS  
6069005 A MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9  
6069010 B MTWRF 8:40-9:40  
MEETS: JUNE 14-AUG 6

ACAD LEARNNG SKILLS PSYCH 131 1 CREDIT  
Satisfactory-Fail Only.  
6071005 A TR 3:00-4:00, ARRANGED  
MEETS: JUNE 14-AUG 6  
Note: SECTION A FOR APEX PROGRAM STUDENTS ONLY

DEVELOPMENTAL PSYCH PSYCH 230 3 CREDITS  
6072005 A MTWRF 9:50-10:50  
MEETS: JUNE 14-AUG 6

## PSYCHOLOGY

(CONTINUED)

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS  
6075005 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9

RES DSGN & METHODOL PSYCH 301 3 CREDITS  
Prereq: STAT 101; 1 COURSE IN PSYCHOLOGY  
Note: COURSE RESTRICTED TO PSYCH MAJORS. MINORS ARE  
ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD  
SLIP SIGNED IN W022 LAGOMARCINO HALL.  
6076005 A MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9

RESRCH METHODS PSYC PSYCH 302 3 CREDITS  
Prereq: 301  
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
1173005 A MTWRF 1:20-2:40  
MEETS: MAY 17-JULY 9

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS  
Prereq: 101; BIOL 101, 155, OR 211  
1515005 MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9

SENSATION & PERCEPTN PSYCH 312 3 CREDITS  
Prereq: 101  
6079005 MTWRF 1:20-3:20  
MEETS: MAY 17-JUNE 11

LEARNING & MEMORY PSYCH 313 3 CREDITS  
Prereq: 101  
6080005 MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS  
Prereq: 101; BIOL 155 OR 211  
6082005 MTWRF 12:10-1:10  
MEETS: MAY 17-JULY 9

PSYCHOLOGY OF WOMEN PSYCH 346 3 CREDITS  
Prereq: TWO COURSES IN PSYCH INCLUDING 101  
Note: Meets U.S. diversity reqmt  
6085005 MTWRF 12:10-1:10  
MEETS: MAY 17-JULY 9

PSYCH MEASUREMENT I PSYCH 440 3 CREDITS  
Prereq: 301 AND 9 CR IN PSYCH, STAT 101  
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
Available for nonmajor graduate credit  
6099005 A MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9

ABNORMAL PSYCHOLOGY PSYCH 460 3 CREDITS  
Prereq: 3 COURSES IN PSYCH INCLUDING 101  
Note: Available for nonmajor graduate credit  
6102005 MTWRF 11:00-12:00  
MEETS: MAY 17-JULY 9

INDEPENDENT STUDY PSYCH 490 1- 3 CREDITS  
Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISN  
Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE  
APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE  
RESTRICTED TO JUNIORS AND SENIORS ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PSYCH 490H 1- 3 CREDITS  
Prereq: JR CLASSIFCATN, 6 CR IN PSYCH, INSTRUCTOR  
PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE  
APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE  
RESTRICTED TO HONORS PROGRAM JUNIORS AND SENIORS ONLY  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM PSYCH 491 VAR. CREDITS  
Prereq: JR CLASSIFICATION, INSTR PERMISSION,  
CREDIT OR ENROLLMENT IN 301  
Note: NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE  
APPLIED TOWARD A DEGREE IN PSYCHOLOGY. RESTRICTED  
TO JUNIORS AND SENIORS ONLY.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FIELDWORK PRACTICUM PSYCH 492 VAR. CREDITS  
Prereq: JR CLASSIFICATION, 12 CR IN PSYCH,  
PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF PSYCH 492 MAY BE  
APPLIED TOWARD A DEGREE IN PSYCHOLOGY. RESTRICTED  
TO JUNIORS AND SENIORS ONLY.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP COUNSELING PSYCH 590A VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC COGNITIVE PSYCH 590Q VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## PSYCHOLOGY

(CONTINUED)

SPECL TOPICS SOCIAL PSYCH 590R VAR. CREDITS  
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT  
Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF  
INSTRUCTOR  
7659005 ARRANGED  
MEETS: MAY 17-AUG 6

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

PRACT GROUP COUNSEL PSYCH 691E VAR. CREDITS  
Prereq: 626, 691A, INSTRUCTOR PERMISSION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACT ADV COUNSELNG PSYCH 691F VAR. CREDITS  
Prereq: 691A, PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING PSYCH 691T VAR. CREDITS  
Prereq: 633, PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN COUNSELING PSYCH 697 R CREDIT  
Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH  
PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN  
6182005 ARRANGED  
MEETS: MAY 17-AUG 6

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

**RELIGIOUS STUDIES**

INTRO WRLD RELIGION RELIG 205 3 CREDITS  
Note: Meets international perspectives reqmt  
6109005 A MTWRF 12:10-2:10  
MEETS: MAY 17-JUNE 11

RELIGION IN AMERICA RELIG 210 3 CREDITS  
Note: Meets U.S. diversity reqmt  
6188005 A MTWRF 11:00-1:00  
MEETS: MAY 17-JUNE 11  
6188010 B MTWRF 8:40-10:40  
MEETS: MAY 17-JUNE 11

INDEPENDENT STUDY RELIG 490 1- 3 CREDITS  
Prereq: 6 CR IN RELIGIOUS STUDIES, PERMISSION  
OF INSTRUCTOR, APPROVAL OF PROF IN CHARGE OF PROGRAM  
Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE  
APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS RELIG 490H 1- 3 CREDITS  
Prereq: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR,  
APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,  
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE  
APPLIED TOWARD GRADUATION. RESTRICTED TO HONORS  
PROGRAM STUDENTS ONLY.  
Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PEACE&JUSTIC INTERN RELIG 499 1- 6 CREDITS  
Prereq: 3 CREDITS IN RELIGIOUS STUDIES,  
PERMISSION OF FACULTY INTERNSHIP COORDINATOR  
Satisfactory-Fail Only.  
7740005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Department permission required.

SPL TOP RELIG STUDI RELIG 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG  
3617005 1 ARRANGED  
MEETS: MAY 17-AUG 6

**RESEARCH & EVALUATION**

SURVEY ED RESEARCH RESEV 570 3 CREDITS  
Prereq: 552 OR EQUIVALENT  
8408005 MWF 8:30-12:30  
ARRANGED  
MEETS: MAY 10-28

QUALITVE RSRCH MTHD RESEV 580 3 CREDITS  
Prereq: 550  
4059600 XA RF 8:30-9:00PM COOPER R  
MEETS: JUNE 3-JULY 23  
Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
FOR PERMISSION TO REGISTER CONTACT JUDY WEILAND AT  
JWEILAND@IASTATE.EDU OR 515-294-1241.  
Department permission required.  
Section XA is off campus  
Course delivery is On-site instruction

## RESEARCH &amp; EVALUATION

(CONTINUED)

SPECIAL TOPICS RESEV 590 1- 3 CREDITS  
Prereq: GRADUATE STANDING  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESS&EVAL RESEV 597 3 CREDITS  
Prereq: 550  
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN THE  
HUMAN SCIENCES COLLEGE. OTHER STUDENTS MUST CONTACT  
THE DEPARTMENT AT 294-1241.  
6218005 MTWRF 7:30-12:30  
MEETS: JULY 6-9, 26-29

ADV SPECIAL TOPICS RESEV 690 1- 3 CREDITS  
Prereq: GRADUATE STANDING  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RESEV 699 VAR. CREDITS  
Prereq: GRADUATE STANDING  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**RUSSIAN**

INDEPENDENT STUDY RUS 490 1- 6 CREDITS  
Prereq: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR  
Note: NO MORE THAN 9 CREDITS IN RUS 490 MAY BE  
APPLIED TOWARD GRADUATION  
Permission of department chair required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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 8:40-9:40  
MEETS: JUNE 14-AUG 6  
6346010 B MTWRF 9:50-11:50  
MEETS: JULY 12-AUG 6  
6346015 C MTWRF 9:50-11:50  
MEETS: JUNE 14-JULY 9  
6346020 D MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11

SOC PSYCH:SOC PERSP SOC 305 3 CREDITS  
Prereq: 130 OR 134  
6355005 A MTWRF 8:40-10:40  
MEETS: MAY 17-JUNE 11

COMMUNITY SOC 310 3 CREDITS  
Prereq: 130 OR 134  
6321005 A MTWRF 9:50-11:50  
MEETS: JUNE 14-JULY 9

SEX&GENDER IN SOCIE SOC 327 3 CREDITS  
Prereq: 130 OR 134  
Note: Meets U.S. diversity reqmt  
6356005 A MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11  
6356010 B MTWRF 12:10-2:10  
MEETS: JUNE 14-JULY 9

ETHNIC&RACE RELATNS SOC 330 3 CREDITS  
Prereq: 130 OR 134  
Note: Meets U.S. diversity reqmt  
6352005 A MTWRF 8:40-10:40  
MEETS: JUNE 14-JULY 9

SOC CLASS & INEQUAL SOC 331 3 CREDITS  
Prereq: 130 OR 134  
Note: Meets U.S. diversity reqmt  
6357005 A MTWRF 12:10-2:10  
MEETS: MAY 17-JUNE 11

CONTEM SOC THEORIES SOC 401 3 CREDITS  
Prereq: 9 CREDITS IN SOC  
Note: Available for nonmajor graduate credit  
6365005 A MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11

COMPLEX ORGANIZATNS SOC 420 3 CREDITS  
Prereq: 130 OR 134 OR 135 PLUS 3 CR IN SOC SCIENC  
Note: Available for nonmajor graduate credit  
6325005 A MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11

## SOCIOLOGY

(CONTINUED)

CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS  
 Prereq: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST  
 COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST MINOR  
 Note: NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE  
 (SOC 454 & 460) MAY BE APPLIED TOWARD GRADUATION.  
 NO CREDITS IN SOC 460 MAY BE USED TO SATISFY MINIMUM  
 SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.  
 Satisfactory-Fail Only.  
 6370005 A ARRANGED  
 MEETS: MAY 17-AUG 6

INDEP STUDY GEN SOC SOC 490A 1- 3 CREDITS  
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR  
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY  
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD  
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN  
 9 CREDITS OF SOC 490 TOWARD GRADUATION.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC SOC 490B 1- 3 CREDITS  
 Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION  
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY  
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD  
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN  
 9 CREDITS OF SOC 490 TOWARD GRADUATION.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS SOC 490H 1- 3 CREDITS  
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR,  
 MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY  
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD  
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.  
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN  
 9 CREDITS OF SOC 490 TOWARD GRADUATION.  
 RESTRICTED TO UNIV HONORS PROGRAM STUDENTS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEN SOC SOC 590A 1- 3 CREDITS  
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS RURAL SOC SOC 590B 1- 3 CREDITS  
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES GEN SOC SOC 599A 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GENERL SOC SOC 699A 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC SOC 699B 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**SOFTWARE ENGINEERING**

COOPERATIVE EDUCATN S E 298 R CREDIT  
 Prereq: PERMISSION OF DEPT AND CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP S E 396 R CREDIT  
 Prereq: PERMISSION OF DEPT AND CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN S E 398 R CREDIT  
 Prereq: 298, PERMISSION OF DEPT & CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY S E 490 VAR. CREDITS  
 Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN S E 498 R CREDIT  
 Prereq: 398, PERMISSION OF DEPT & CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**SPANISH**

ELEMENTARY SPANISH I SPAN 101 4 CREDITS  
 6473005 1 MTWRF 8:40-11:40  
 MEETS: MAY 17-JUNE 11

Note: Materials and equipment use fee \$25.00  
 6473010 2 MTWRF 12:10-3:10  
 MEETS: MAY 17-JUNE 11  
 Note: Materials and equipment use fee \$25.00

ELEM SPANISH II SPAN 102 4 CREDITS  
 Prereq: 101, 97 OR PLACEMENT BY DEPARTMENTAL EXAM  
 Note: Meets international perspectives reqmt  
 6474005 1 MTWRF 8:40-11:40  
 MEETS: JUNE 14-JULY 9

Note: Materials and equipment use fee \$25.00  
 6474010 2 MTWRF 12:10-3:10  
 MEETS: JUNE 14-JULY 9  
 Note: Materials and equipment use fee \$25.00

## SPANISH

(CONTINUED)

INTERMED SPANISH I SPAN 201 4 CREDITS  
 Prereq: 102 OR PLACEMENT BY DEPARTMENTAL EXAM  
 Note: Meets international perspectives reqmt  
 6477005 1 MTWRF 8:40-11:40  
 MEETS: MAY 17-JUNE 11  
 Note: Materials and equipment use fee \$25.00

INTERMED SPANISH II SPAN 202 4 CREDITS  
 Prereq: 201 OR PLACEMENT BY DEPARTMENTAL EXAM  
 Note: Meets international perspectives reqmt  
 6478005 1 MTWRF 8:40-11:40  
 MEETS: JUNE 14-JULY 9  
 Note: Materials and equipment use fee \$25.00

STUDY ABROAD SPAN 395 1-10 CREDITS  
 Prereq: 2 YRS UNIV-LEVEL SPANISH OR EQUIVALENT  
 Note: Meets international perspectives reqmt  
 Department permission required.  
 6489025 RG ARRANGED  
 MEETS: MAY 24-JULY 8

Note: SECTION RG IS REGENTS STUDY ABROAD IN PERU.  
 OFFERED FOR 6 CREDITS.  
 Tuition Category: Regents Summer Study Abroad

INDEPENDENT STUDY SPAN 490 1- 6 CREDITS  
 Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR  
 Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 Permission of department chair required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1- 3 CREDITS  
 Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN  
 OF ADVISER AND WORLD LANGUAGES AND CULTURES  
 INTERNSHIP COORDINATOR  
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010.  
 NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED  
 TOWARD GRADUATION IN THE MAJOR.  
 Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANG PEDAGY SPAN 590C 1- 4 CREDITS  
 Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN  
 3905800 SP ARRANGED GASTA C  
 MEETS: JUNE 11-25  
 Note: SEC SP TAUGHT IN CACERES, SPAIN. ' SUMMER  
 SEMINAR IN SPAIN FOR SPANISH TEACHERS' STUDY  
 ABROAD SUMMER 2010  
 Study Abroad Administrative Fee Applies

**SPECIAL EDUCATION**

INDEPENDENT STUDY SP ED 490 1- 5 CREDITS  
 Prereq: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR  
 Note: Department permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TCH EXCPNTLNT GEN ED SP ED 501 3 CREDITS  
 Prereq: BACCALAUREATE DEGREE  
 2607005 1 F 5:30-8:00PM  
 S 8:00-4:00  
 MEETS: MAY 15-JUNE 12

RESEARCH REVIEW SP ED 517 2 CREDITS  
 Prereq: 510, 515  
 3169005 1 MTWR 11:00-12:40  
 MEETS: JULY 12-AUG 6

INSTR MTHD MILD/MOD SP ED 520 3 CREDITS  
 2619005 MTWRF 8:40-10:40  
 MEETS: JUNE 14-JULY 9

RDNG MILD/MO DISABL SP ED 553 3 CREDITS  
 Prereq: TEACHING LICENSE  
 7663005 1 MTWR 1:00-3:30  
 MEETS: JULY 12-AUG 6

CAREER ED DISAB YTH SP ED 555 2 CREDITS  
 Prereq: 510 OR 511  
 4418005 MTWR 8:40-10:20  
 MEETS: JUNE 14-JULY 9

TCH MATH STRUGG SEC SP ED 567 3 CREDITS  
 Prereq: SECONDARY TEACHING EXPERIENCE  
 2086005 MTWR 12:10-3:10  
 MEETS: JUNE 14-JULY 9

SYS-LEVL SRVC DISAB SP ED 570 3 CREDITS  
 Prereq: 511  
 5068005 MTWRF 1:30-3:30  
 ARRANGED  
 MEETS: JUNE 14-JULY 9

## SPECIAL EDUCATION

(CONTINUED)

SPECIAL TOPICS SP ED 590 1- 5 CREDITS  
Prereq: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

FLD EXP BHV/DIS,K12 SP ED 591K 1- 6 CREDITS  
Prereq: 15 GRAD CREDITS IN SPECIAL AREA;  
ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION  
Note: COURSE RESTRICTED TO C I MAJORS ONLY  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1- 5 CREDITS  
Prereq: 15 CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SP ED 699 VAR. CREDITS  
Prereq: 15 CREDITS IN EDUCATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**SPEECH COMMUNICATION**

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS  
8643010 1 MTWRF 7:30-9:40  
MTWRF 9:50-12:00  
MEETS: MAY 17-JUNE 11  
Note: ON MAY 17 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 info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643015 2 MTWRF 9:50-12:00  
MTWRF 9:50-12:00  
MEETS: MAY 17-JUNE 11  
Note: ON MAY 17 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. IGNORE  
TIME CONFLICT.  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643020 3 MTWRF 9:50-12:00  
MTWRF 9:50-12:00  
MEETS: MAY 17-JUNE 11  
Note: ON MAY 17 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. IGNORE  
TIME CONFLICT.  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643025 4 MTWRF 9:50-12:00  
MTWRF 9:50-12:00  
MEETS: MAY 17-JUNE 11  
Note: ON MAY 17 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. IGNORE  
TIME CONFLICT.  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643030 5 MTWRF 12:10-2:20  
MTWRF 9:50-12:00  
MEETS: MAY 17-JUNE 11  
Note: ON MAY 17 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 info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643035 6 MTWRF 12:10-2:20  
MTWRF 9:50-12:00  
MEETS: MAY 17-JUNE 11  
Note: ON MAY 17 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 info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643040 7 MTWRF 9:50-12:00  
MTWRF 9:50-12:00  
MEETS: MAY 17-JUNE 11  
Note: ON MAY 17 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. IGNORE  
TIME CONFLICT. SECTION 7 IS A CROSS-CULTURAL SECTION.  
U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC 8.  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643045 8 MTWRF 9:50-12:00  
MTWRF 9:50-12:00  
MEETS: MAY 17-JUNE 11  
Note: ON MAY 17 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. IGNORE  
TIME CONFLICT. SECTION 8 IS A CROSS-CULTURAL SECTION.  
INTERNATIONAL STUDENTS ONLY. MEETS WITH SEC 7.  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643065 9 MTWRF 7:30-9:40  
MTWRF 9:50-12:00  
MEETS: MAY 17-JUNE 11  
Note: ON MAY 17 ATTEND ONLY THE 9:50 A.M. LECTURE.  
LECTURE AND DISCUSSION MEET ON AN ALTERNATING

## SPEECH COMMUNICATION

(CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS  
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.  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643070 10 MTWRF 7:30-9:40  
MTWRF 9:50-12:00  
MEETS: MAY 17-JUNE 11  
Note: ON MAY 17 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.  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643075 11 MWF 7:30-9:10  
MEETS: JUNE 14-AUG 6  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643080 12 MWF 7:30-9:10  
MEETS: JUNE 14-AUG 6  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643085 13 MWF 9:50-11:30  
MEETS: JUNE 14-AUG 6  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643090 14 MWF 9:50-11:30  
MEETS: JUNE 14-AUG 6  
Section info: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

SPECIAL PROJECTS SP CM 290 1- 2 CREDITS  
Prereq: 3 CR IN SP CM; PERMISSON OF DEPT CHAIR  
Note: NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD  
THE MINIMUM REQUIRED CREDITS FOR THE MAJOR.  
NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE  
MINOR.  
Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

COMM FOR CLSRM TCHR SP CM 313 3 CREDITS  
Prereq: 212  
6430005 MTWRF 12:10-2:20  
MEETS: JUNE 14-JULY 9

GENDER & COMMUNICTN SP CM 323 3 CREDITS  
Prereq: 212  
Note: Meets U.S. diversity reqmt  
Available for nonmajor graduate credit  
2640005 MTWRF 12:10-2:20  
MEETS: MAY 17-JUNE 11

INDEPENDENT STUDY SP CM 490 1- 3 CREDITS  
Prereq: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN,  
PERMISSION OF DEPT. CHAIR  
Note: PERMISSION OF AMY SLAGELL REQUIRED TO ADD.  
PROCESS APPROVED ADD SLIP IN 10 ENRL SC. NO CREDITS  
IN SP CM 490 MAY BE APPLIED TOWARD THE MINOR.  
Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

COMMUNIC INTERNSHIP SP CM 499 1- 3 CREDITS  
Prereq: 18 CR IN SP CM COURSES, OTHER COURSES  
ADVISED DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR  
STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0  
IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE  
Note: NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD THE  
MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS  
IN SP CM 499 MAY BE APPLIED TOWARD THE MINOR.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS SP CM 590 1- 4 CREDITS  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
Note: NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE  
MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS  
IN SP CM 590 MAY BE APPLIED TOWARD THE MINOR.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

**STATISTICS**

PRIN OF STATISTICS STAT 101 4 CREDITS  
Prereq: ONE AND A HALF YRS OF H S ALGEBRA  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: STAT 101, STAT 104,  
STAT 105, STAT 226.

6502005 A MTWRF 8:40-9:40  
MR 9:50-11:50  
MEETS: MAY 17-JULY 9

6502010 B MTWRF 8:40-9:40  
MR 12:10-2:10  
MEETS: MAY 17-JULY 9

## STATISTICS

(CONTINUED)

INTRO TO STATISTICS STAT 104 3 CREDITS  
Prereq: 1 & 1/2 YRS OF H S ALGEBRA  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 226.  
Instructor permission required 1st week.  
6503005 A MWF 8:40-9:40  
TF 1:20-3:20  
MEETS: JUNE 14-AUG 6

INTR BUSINES STAT I STAT 226 3 CREDITS  
Prereq: MATH 150 OR 165  
Note: COURSE RESTRICTED TO ACCT, BUS S, BUSAD, BUS U, FIN, I BUS, LOMIS, LSCM, MGMT, MIS, MKT, OSCM, P BUS, ECON, AG B MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 226, STAT 101, STAT 104, STAT 105.  
3975005 A MTWRF 8:40-9:40  
MEETS: MAY 17-JULY 9  
3975010 B MTWRF 8:40-9:40  
MEETS: MAY 17-JULY 9

ENGINEERING STAT STAT 305 3 CREDITS  
Prereq: MATH 165 (OR 165H)  
Note: CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
6509005 A MTWRF 9:50-10:50  
MEETS: MAY 17-JULY 9  
Note: Instructor permission required 1st week.

STAT METH FOR RSRCH STAT 401 4 CREDITS  
Prereq: 101 OR 104 OR 105 OR 226. GRAD STUDENTS WITHOUT AN EQUIV COURSE SHOULD CONTACT DEPT.  
Note: CREDIT FOR EITHER DIET 554 OR STAT 401, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
Available for nonmajor graduate credit  
Instructor permission required 1st week.  
6514005 A MTWRF 8:40-9:40  
MR 1:20-3:20  
MEETS: JUNE 14-AUG 6  
Note: SECTION A FOR SOCIAL SCIENCES  
6514010 B MTWRF 8:40-9:40  
TF 12:10-2:10  
MEETS: MAY 17-JULY 9  
Note: SEC B FOR BIOLOGICAL AND PHYSICAL SCIENCES

STAT THEORY FOR RES STAT 447 4 CREDITS  
Prereq: MATH 151 AND INST PERMISSION, OR MATH 265  
Note: CREDIT FOR EITHER STAT/MATH 341 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
Available for nonmajor graduate credit  
6523005 MTRF 8:40-10:20  
W 8:40-10:20  
MEETS: MAY 17-JULY 9  
Note: WEDNESDAY MEETINGS ONLY ON DATES WHEN EXAMS AND TUTORIALS ARE TO BE GIVEN

INDEPENDENT STUDY STAT 490 VAR. CREDITS  
Prereq: 10 CREDITS IN STATISTICS  
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS THEORY STAT 590A VAR. CREDITS  
6554005 ARRANGED  
MEETS: MAY 17-AUG 6

SPCL TOPICS METHODS STAT 590B VAR. CREDITS  
6555005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOP DESGN EXPR STAT 590C VAR. CREDITS  
6556005 ARRANGED  
MEETS: MAY 17-AUG 6

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS  
6557005 ARRANGED  
MEETS: MAY 17-AUG 6

COOPERATIVE EDUCATN STAT 598 R CREDIT  
Prereq: PERMISSION OF THE DEPARTMENT CHAIR  
4153005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Permission of department chair required.

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

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
6851005 1 ARRANGED  
MEETS: MAY 17-AUG 6

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

## SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 301X 3 CREDITS  
Prereq: ECON 101, STAT 226  
Note: STUDENTS ENROLLING IN SCM 301X SUMMER 2010 MAY NOT HAVE PRIOR CREDIT NOR BE CONCURRENTLY ENROLLED IN EITHER LSCM 360 OR OSCM 320.  
NOT OPEN TO P BUS MAJORS.  
9277005 A1 MTWRF 7:30-9:30  
MEETS: MAY 17-JUNE 11  
Note: SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, I BUS, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY  
9277010 A2 MTWRF 7:30-9:30  
MEETS: MAY 17-JUNE 11  
Note: SECTION A2 RESTRICTED TO COLLEGES OTHER THAN BUSINESS

SPECIAL TOPICS SCM 590 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## SUSTAINABLE AGRICULTURE

SPECIAL TOPICS SUSAG 590 1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

## TECHNOLOGY &amp; SOCIAL CHANGE

PHIL OF TECHNOLOGY T SC 343 3 CREDITS  
Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341 AND 3 CREDITS OF SOCIAL SCIENCE  
Note: Available for nonmajor graduate credit  
5211005 A MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11

INDEPENDENT STUDY T SC 490 VAR. CREDITS  
Prereq: 341, PERMISSION OF INSTRUCTR & T SC COORD  
Note: Permission of coordinator required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCH&SOC CHG T SC 590 VAR. CREDITS  
Prereq: 541, PERMISSN OF INSTRUCTOR & T SC COORD  
Note: Permission of coordinator required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## TECHNOLOGY SYSTEMS MANAGEMENT

TECHNOLOGY INTERNSHP TSM 397 R CREDIT  
Prereq: AT LEAST 45 CREDITS OF COURSEWORK, IN AST OR I TEC MAJOR, INTERNSHIP COORDINATOR APPROVAL Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORK EXPRNCE TCHNOL TSM 399 2 CREDITS  
Prereq: 397 AND APPROVAL OF INSTRUCTOR  
Note: NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTDISCP SYS EFFCTV TSM 409 3 CREDITS  
Prereq: JUNIOR OR SENIOR STANDING  
Note: Available for nonmajor graduate credit  
5920005 A MTWRF 8:30-5:30  
MEETS: MAY 10-21  
Note: MEETS 8:30-4:30 MAY 10-14; MEETS 1-5:30 MAY 17-21

INDEP STUDY HONORS TSM 490H 1- 4 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT  
Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MANUFACTRG TSM 490I 1- 4 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT  
Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
Department permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



## TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

IND STDY MACHIN SYS TSM 490M 1- 4 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
AND APPROVAL BY DEPARTMENT  
Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU OCCUP SAFET TSM 4900 1- 4 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
AND APPROVAL BY DEPARTMENT  
Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY TRAVEL TSM 496X 3- 6 CREDITS  
Note: Meets international perspectives reqmt  
1379800 IN ARRANGED FREEMAN S  
MEETS: MAY 23-JUNE 22  
Note: SEC IN TAUGHT IN INDIA, KARNAATKA STATE.  
'FOOD AND AGRICULTURE IN INDIA: SERVICE LEARNING  
OPPORTUNITIES IN NUTRITION, ENTREPRENEURSHIP &  
DEVELOPMENT' STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies  
1379810 UG ARRANGED BRUMM T  
MEETS: JUNE 6-JULY 10  
Note: SEC UG TAUGHT IN UGANDA: KAMULI DISTRICT AND  
KAMPALA. CREATING A SCHOOL GARDEN: SERVICE LEARNING  
IN UGANDA SUMMER 2010  
Study Abroad Administrative Fee Applies

SPL TP ANIM ENV/AIR TSM 590A 1- 4 CREDITS  
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IND MANUFAC TSM 590I 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 590M 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 5900 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 SOIL&WATER TSM 590S 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 TOPCS TRAIN&DEV TSM 590Y 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 17-AUG 6

CREATIVE COMPONENT TSM 599 1- 3 CREDITS  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

TECHNOLGY INTERNSHP TSM 697 R CREDIT  
Prereq: PERMISSION OF MAJOR PROFESSOR AND  
APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION  
Satisfactory-Fail Only.  
4646005 ARRANGED  
MEETS: MAY 17-AUG 6

DOCTORAL TECH COMM TSM 698 1 CREDIT  
Satisfactory-Fail Only.  
1926005 ARRANGED  
MEETS: MAY 17-AUG 6

RESEARCH TSM 699 VAR. CREDITS  
Note: COURSE ONLY OFFERED FOR 1-6 CREDITS SUMMER 2010  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## TEXTILES &amp; CLOTHING

DRESS&DIVRSTY SOCIE T C 165 3 CREDITS  
Note: Meets U.S. diversity reqmt  
6603005 1 MTWRF 9:50-11:50  
MEETS: JUNE 14-JULY 9  
Note: Materials fee \$5.00-\$15.00

TEXTILE SCIENCE I T C 204 4 CREDITS  
Prereq: 3 CR IN T C  
6604005 1 ARRANGED  
MEETS: MAY 17-JULY 9  
Note: Materials fee \$5.00-\$60.00  
6604600 XW ARRANGED KEIST C  
MEETS: MAY 17-JULY 9  
Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
Section XW is off campus  
Course delivery is WWW

DESIGN SEMINAR T C 328 VAR. CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
5692005 1 MTWRF 12:10-3:00  
ARRANGED  
MEETS: MAY 17-JUNE 11  
Note: Materials, field trips &/or travel fee  
\$10.00-\$200.00

HIST EUR&N AM DRESS T C 354 3 CREDITS  
Prereq: 3 CREDITS FROM HISTORY OR ART HISTORY  
Note: Meets international perspectives reqmt  
Available for nonmajor graduate credit  
6620005 1 ARRANGED  
MEETS: MAY 17-JUNE 11  
Note: Course delivery is WWW  
Materials fee \$5.00-\$20.00  
6620600 XW ARRANGED MARCKETTI S  
MEETS: MAY 17-JUNE 11  
Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
Section XW is off campus  
Course delivery is WWW

CULTUR PERSPC DRESS T C 362 3 CREDITS  
Prereq: 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC  
Note: Meets international perspectives reqmt  
6622005 ARRANGED  
MEETS: JULY 12-AUG 6  
Note: Materials fee \$0.00-\$20.00  
6622600 XW ARRANGED FITZPATRICK J  
MEETS: MAY 17-JUNE 11  
Note: DELIVERY FEE OF \$50.00 IN ADDITION TO TUITION.  
Section XW is off campus  
Course delivery is WWW

FIELD STUDY TRIP T C 380B 1- 2 CREDITS  
Prereq: 9 CR IN T C, JR CLASSIF, MINIMUM 2.0 GPA,  
PERMISSION BY APPLICATION  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2010  
Instructor permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN T C 398 R CREDIT  
Prereq: PERMISSION OF DEPT CHAIR; JR CLASSIFICATN  
1002005 ARRANGED  
MEETS: MAY 17-AUG 6

TEXTILE IND EXPERN C T C 470A 3- 6 CREDITS  
Prereq: 311 AND MINIMUM 2.0 GPA; PERMISSION BY  
APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 305  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

HIST TXTL&DRESS EXP T C 470B 3- 6 CREDITS  
Prereq: 311 AND MINIMUM 2.0 GPA; PERMISSION BY  
APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 6 CR  
FROM 257, 354, 356 OR 362; 3 CREDITS IN ANTHR OR HIST  
RECOMMENDED  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU TXTL&AP DSN T C 490C 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 SOC&PSY T C T C 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

IND STDY MERCHANDSG T C 490I VAR. CREDITS  
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
ADVISER AND DEPARTMENT CHAIR  
Note: Instructor permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## TEXTILES &amp; CLOTHING

(CONTINUED)

IND STU CULTR ANALY T C 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

IND STDY TECH DESGN T C 4900 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 STDY SMALL BUSI T C 490S VAR. CREDITS  
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
ADVISER AND DEPARTMENT CHAIR  
Note: Instructor permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN T C 498 R CREDIT  
1003005 Prereq: PERMISSION OF DEPT CHAIR; SR CLASSIFICATN  
ARRANGED  
MEETS: MAY 17-AUG 6

UNDERGRAD RESEARCH T C 499 1- 3 CREDITS  
Prereq: SENIOR CLASSIFICATN, 15 CREDITS IN T C,  
PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

DESIGN SEMINAR T C 528 1- 3 CREDITS  
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2010  
5768005 1 MTWRF 12:10-3:00  
ARRANGED  
MEETS: MAY 17-JUNE 11  
Note: Materials, field trips &/or travel fee  
\$10.00-\$200.00

PRACTCM T C TEACHNG T C 570A VAR. CREDITS  
Prereq: 510, 6 GRAD CREDITS IN T C, PERMISSION  
OF INSTRUCTOR  
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2010  
6660005 ARRANGED  
MEETS: MAY 17-AUG 6  
Note: Materials fee \$0.00-\$15.00

SPL TOP TEXTILE SCI T C 590A VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN T C 590C VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST COSTUM T C 590E VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOC-PSY ASP T C 590F VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSMR BEHV T C 590G VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANDSNG T C 590I VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SP TOP CULTUR ANALY T C 590K VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS MUSEUMS T C 590M VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TECH DESGN T C 5900 VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SMALL BUSIN T C 590S VAR. CREDITS  
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS T C 690 VAR. CREDITS  
Prereq: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSN  
OF INSTRUCTOR, AND APPROVAL OF D.O.G.E.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

## THEATRE

INTR PERFORMNG ARTS THTRE 106 3 CREDITS  
6729005 MTWRF 8:40-9:40  
MEETS: JUNE 14-AUG 6

SPECIAL PROJECTS THTRE 290 1- 3 CREDITS  
Prereq: 3 CREDITS IN THEATRE; PERMISSION OF  
INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL  
Note: Instructor permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ADV THTRE PRACTICUM THTRE 469 1- 3 CREDITS  
Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATN  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CREDITS  
Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN  
PROPOSAL, JUNIOR CLASSIFICATION  
Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE  
APPLIED TOWARD GRADUATION  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1- 8 CREDITS  
Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED  
APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR  
OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL  
AND 3.00 IN THTRE COURSES  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THTRE 590 1- 4 CREDITS  
Prereq: APPROVED WRITTEN PROPOSAL  
Note: Permission of department chair required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## TOXICOLOGY

TOXICOLOGY SEMINAR TOX 504 1 CREDIT  
7126005 Prereq: PERMISSION OF INSTRUCTOR  
1 ARRANGED  
MEETS: MAY 17-AUG 6

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CREDITS  
1231005 Prereq: DVM DEGREE OR 526  
ARRANGED  
MEETS: MAY 17-AUG 6

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

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

## TRANSPORTATION

RESEARCH TRANS 699 VAR. CREDITS  
6787005 ARRANGED  
MEETS: MAY 17-AUG 6

## UNIVERSITY STUDIES

INDEPENDENT STUDY U ST 490 VAR. CREDITS  
Prereq: PERMISSION OF THE ASSOCIATE PROVOST  
Note: PERMISSN OF ASSOC PROVOST FOR UNDERGRAD PROGRAMS  
REQUIRED. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
Department permission required.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

## VET DIAGNOSTIC &amp; PRODUCTION AN MED

PRECPTRSP V MED PRA VDPAM 420 1- 6 CREDITS  
9072005 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
ARRANGED

DAIRY HERD PROBL ID VDPAM 437 2 CREDITS  
6425005 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
ARRANGED

MASTITIS PROB INVSTG VDPAM 438 2 CREDITS  
6861005 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
ARRANGED

COW&CALF PROB:NUTRI VDPAM 439 2 CREDITS  
6422005 Prereq: 4TH-YEAR CLASSIFICATON IN VET MED  
ARRANGED

CLIN EMBRYO TRANSFR VDPAM 451 2 CREDITS  
4334005 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
ARRANGED

## VET DIAGNOSTIC &amp; PRODUCTION AN MED (CONTINUED)

FOOD ANIM MED & SURG VDPAM 477 VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.  
6909005 MTWRF 8:00-12:00  
MTWRF 2:00-5:00

APPL SWINE PROD MED VDPAM 479 1- 6 CREDITS  
Prereq: 310  
Note: COURSE RESTRICTED TO VM 4 STUDENTS ONLY  
5454005 ARRANGED KARRIKER L

SWINE PRODUCTN MED VDPAM 480 2 CREDITS  
Prereq: 310 OR PERMISSION OF INSTRUCTOR  
5572005 ARRANGED

APP BEEF MD WITH VT VDPAM 482A 1- 6 CREDITS  
Prereq: 310  
6598005 ARRANGED  
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APP MED BULL BREEDI VDPAM 482B 1- 6 CREDITS  
Prereq: 310  
6610005 ARRANGED  
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APPLIED MED CALVING VDPAM 482C 1- 6 CREDITS  
Prereq: 310  
6621005 ARRANGED  
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APP MD BF FEEDL MGT VDPAM 482D 1- 6 CREDITS  
Prereq: 310  
6629005 ARRANGED  
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APP BF MED WEAN MGT VDPAM 482E 1- 6 CREDITS  
Prereq: 310  
6653005 ARRANGED  
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APP BF MD PREG EXAM VDPAM 482F 1- 6 CREDITS  
Prereq: 310  
6694005 ARRANGED  
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APP MED BOVIN REPRO VDPAM 482G 1- 6 CREDITS  
Prereq: 310  
6697005 ARRANGED  
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APP MD BF FEEDL MGT VDPAM 482I 1- 6 CREDITS  
Prereq: 310  
7185005 ARRANGED  
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

BEEF PRODUCTION MED VDPAM 483 2 CREDITS  
Prereq: 310  
5562005 MTWRF 8:00-12:00  
MTWRF 1:00-5:00

DAIRY PRODUCTN MED VDPAM 484 2 CREDITS  
Prereq: 310, 4TH-YEAR CLASSIFICATION IN VET MED  
5609005 MTWRF 8:00-12:00  
MTWRF 2:00-5:00

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS  
Prereq: 484  
Note: MULTIPLE ENROLLMENTS ARE ALLOWED. RESTRICTED TO VM 4 STUDENTS ONLY.  
5431005 ARRANGED GORDEN P

CLINIC MICROBIO LAB VDPAM 488 1 CREDIT  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO VM 4 STUDENTS ONLY  
6950005 MTWRF 8:40-11:40

INDEPENDENT STUDY VDPAM 490 1- 5 CREDITS  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS  
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
7848005 ARRANGED  
7848800 CR ARRANGED DAVIDSON K  
MEETS: MAY 16-29  
Note: SEC CR TAUGHT IN COSTA RICA. 'VETERINARY MEDICINE & VOLUNTOURISM IN COSTA RICA. STUDY ABROAD SUMMER 2010- OFFERED FOR 3 CREDITS Study Abroad Administrative Fee Applies  
7848805 EC ARRANGED  
MEETS: JUNE 14-25  
Note: SEC EC TAUGHT IN ECUADOR & THE GALAPAGOS. 'VETERINARY MEDICINE ECUADOR & THE GALAPAGOS. STUDY ABROAD SUMMER 2010-OFFERED FOR 3 CREDITS Study Abroad Administrative Fee Applies

## VET DIAGNOSTIC &amp; PRODUCTION AN MED (CONTINUED)

INTRO DNA TECHNIQS VDPAM 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.  
7389005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 14-JULY 2

INTR PROTEIN TECHNQ VDPAM 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.  
7391005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 12-30

CLIN & DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS  
Prereq: DVM DEGREE OR 526  
7676005 ARRANGED  
MEETS: MAY 17-AUG 6

ADV VET DIAGNOS LAB VDPAM 551 1- 3 CREDITS  
Prereq: 455  
4233005 ARRANGED  
MEETS: MAY 17-AUG 6

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

INT'L PRECEPTORSHIP VDPAM 596 1-12 CREDITS  
Prereq: ADMISSION TO GRADUATE COLLEGE  
7868005 ARRANGED  
MEETS: MAY 17-AUG 6

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS  
Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE PROGRAM  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SWINE DIAGNOSTC MED VDPAM 650 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
6907005 ARRANGED  
MEETS: MAY 17-AUG 6

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

## VETERINARY CLINICAL SCIENCES

SM ANIMAL ONCOLOGY V C S 409X 2 CREDITS  
9213005 MTWRF 8:00-5:00

PRECEPTOR COMPAN/EQ V C S 419 2- 6 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, PERMISSION OF DEPARTMENT CHAIR  
1664005 1 ARRANGED  
MEETS: MAY 17-JULY 9

CANINE REHABILITATN V C S 441X VAR. CREDITS  
Prereq: ENROLLMENT IN VET PROFESSIONL CURRICULUM, PROOF OF RABIES PROPHYLAXIS & PROTECTIVE TITER  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2010  
9232005 MTWRF 8:00-5:00

CLINICAL NEUROLOGY V C S 446 2 CREDITS  
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
5112005 MTWRF 8:00-5:00

CLINICL DERMATOLOGY V C S 452 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED SMALL ANIMAL OPTION  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
1931005 MTWRF 8:00-5:00

SMALL ANIMAL MED I V C S 453 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6889005 MTWRF 8:00-5:00

SMALL ANIMAL MED II V C S 454 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6890005 MTWRF 8:00-5:00

SM AN SOFT TISS SUR V C S 455 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6891005 MTWRF 8:00-5:00

SM AN ORTHOPED SURG V C S 456 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6892005 MTWRF 8:00-5:00

## VETERINARY CLINICAL SCIENCES

(CONTINUED)

EQUINE MEDICINE V C S 457 2- 4 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2010.  
RESTRICTED TO 4TH YEAR VET MED STUDENTS.  
6893005 MTWRFS 8:00-5:00

EQUINE SURGERY V C S 458 2- 4 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2010.  
RESTRICTED TO 4TH YEAR VET MED STUDENTS.  
6894005 MTWRFS 8:00-5:00

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
4050005 MTWRF 8:00-5:00

SM AN OVERPOP D.M. V C S 459B 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
4107010 MTWRF 8:00-5:00

SM AN OVERPOP K.C. V C S 459C 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
4313015 ARRANGED

RADIOLOGY V C S 460 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6896005 MTWRFS 8:00-5:00

COMMUNITY PRACTICE V C S 463 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
2322005 MTWRFS 8:00-5:00

EQUINE FIELD SERVIC V C S 464 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
4247005 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  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6898005 MTWRFS 8:00-5:00

INTENSIVE CARE V C S 468 4 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6900005 ARRANGED

OPHTHALMOLOGY V C S 469 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS  
6901005 MTWRFS 8:00-5:00

RADIOLOGY V C S 470 VAR. 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

EQUINE REPRODUCTION V C S 471E VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SML ANIM REPRODUCTN V C S 471S VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SMALL ANIMAL MED V C S 472 VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURG ORTHO V C S 473O 1 CREDIT  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SML AN SURG SOF TIS V C S 473S 1 CREDIT  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## VETERINARY CLINICAL SCIENCES

(CONTINUED)

EQUINE MEDICINE V C S 474M VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EQUINE SURGERY V C S 474S VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET ANESTHESIOLOGY V C S 476 1- 3 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE CARE V C S 478 VAR. CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

OPHTHALMOLOGY V C S 479 2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, VCS  
469  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SM AN ORTHO SUR V C S 483O 2 CREDITS  
Prereq: VM4 CLASSIFICATION AND V C S 473  
2972005 ARRANGED

ADV SM AN SOFT SURG V C S 483S 2 CREDITS  
Prereq: VM4 CLASSIFICATION AND V C S 473  
3076005 ARRANGED

INDEPENDENT STUDY V C S 490 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEDICINE V C S 590A 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY V C S 590B 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP THERIOGENOL V C S 590C 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC RADIOLOGY V C S 590D 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOG V C S 590E 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CREDITS  
Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM  
6920005 ARRANGED  
MEETS: MAY 17-AUG 6

RESEARCH MEDICINE V C S 699A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY V C S 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH THERIOGENOLGY V C S 699C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLOGY V C S 699E VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**VETERINARY MICROBIOLOGY & PREV MED**

PUBLIC HEALTH LAB V MPM 486 1 CREDIT  
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 2010  
Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## VETERINARY MICROBIOLOGY &amp; PREV MED (CONTINUED)

ZOO PRECEPTORSHIP V MPM 494 1- 8 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN V MED  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP V MPM 496 1-12 CREDITS  
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
4332800 SA ARRANGED THOEN C  
MEETS: MAY 27-AUG 13  
Note: SEC SA TAUGHT IN SOUTH AFRICA. 'WILDLIFE  
IMMOBILIZATION & CONSERVATION IN SOUTH AFRICA'  
STUDY ABROAD SUMMER 2010  
Study Abroad Administrative Fee Applies

INTRO DNA TECHNIQS V MPM 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
4278005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JUNE 14-JULY 2

INTR PROTEIN TECHNQ V MPM 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
4372005 MTRF 1:00-2:00  
MTRF 2:00-4:00  
MEETS: JULY 12-30

SPECIAL TOPICS V MPM 590 1- 5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V MPM 599 VAR. CREDITS  
Prereq: NONTHESIS M.S. OPTION ONLY  
7307005 ARRANGED  
MEETS: MAY 17-AUG 6

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

**VETERINARY PATHOLOGY**

NECROPSY LAB PRACT 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  
S 10:00-11:50 FALES-WILLIAMS A

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 FLAHERTY H

INDEPENDENT STUDY V PTH 490 VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS  
Prereq: 376 OR 576  
9668005 ARRANGED JARVINEN J  
MEETS: MAY 17-AUG 6

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT  
Prereq: 457, PERMISSION OF INSTRUCTOR  
Satisfactory-Fail Only.  
7037005 ARRANGED ANDREASEN C  
MEETS: MAY 17-AUG 6  
Note: Instructor permission required.

SURGICAL PATHOL LAB V PTH 550 1- 3 CREDITS  
Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
7479005 ARRANGED HAYNES J  
MEETS: MAY 17-AUG 6

POSTMORT PATHOL LAB V PTH 551 1- 3 CREDITS  
Prereq: 542, PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
Satisfactory-Fail Only.  
7038005 MTWRF 1:10-5:00 FALES-WILLIAMS A  
S 10:00-11:50 FALES-WILLIAMS A  
MEETS: MAY 17-AUG 6

ETHICS IN SCI RSRCH V PTH 554 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
5755005 ARRANGED HOSTETTER J  
MEETS: MAY 17-JULY 9

SPL TOPC VET PATHOL V PTH 590A 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## VETERINARY PATHOLOGY (CONTINUED)

SPL TOP VET PARASIT V PTH 590B 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET TOXICOL V PTH 590C 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP VET CLIN PTH V PTH 590D 1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

CRTV CMP VET PATHOL V PTH 599A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASI V PTH 599B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET TOXICO V PTH 599C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP V CLIN PTH V PTH 599D VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CURR TOPICS SEMINAR V PTH 605 1 CREDIT  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
7029005 ARRANGED ACKERMANN M  
MEETS: MAY 17-AUG 6

DIAG INTERP V PARAS V PTH 606B R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
7030005 ARRANGED JARVINEN J  
MEETS: MAY 17-AUG 6

DIAG INTERP VET TOX V PTH 606C R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
5787005 ARRANGED OSWEILER G  
MEETS: MAY 17-AUG 6

DIAG INTERP CLINPTH V PTH 606D R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
9694005 ARRANGED ANDREASEN C  
MEETS: MAY 17-AUG 6

HISTOPATH LAB ANIML V PTH 679 2 CREDITS  
Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR  
7048005 ARRANGED MYERS R  
MEETS: MAY 17-JULY 9

VET PATHOLOGY RSRCH V PTH 699A VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLGY RES V PTH 699B VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET TOXICOLGY RSRCH V PTH 699C VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**WOMEN'S STUDIES**

INTRO WOMEN'S STUDI W S 201 3 CREDITS  
Note: Meets U.S. diversity reqmt  
7058005 A MTWRF 9:50-11:10  
MEETS: MAY 17-JUNE 25  
Note: Instructor permission required 1st week.

GENDER & COMMUNICTN W S 323 3 CREDITS  
Prereq: SP CM 212  
Note: Meets U.S. diversity reqmt  
Available for nonmajor graduate credit  
3533005 MTWRF 12:10-2:20  
MEETS: MAY 17-JUNE 11

SEX&GENDER IN SOCIE W S 327 3 CREDITS  
Prereq: SOC 130 OR 134  
Note: Meets U.S. diversity reqmt  
7061005 A MTWRF 9:50-11:50  
MEETS: MAY 17-JUNE 11  
7061010 B MTWRF 12:10-2:10  
MEETS: JUNE 14-JULY 9

## WOMEN'S STUDIES

(CONTINUED)

WOMEN'S LITERATURE W S 340 3 CREDITS

Prereq: ENGL 250 OR ENGL 105

Note: Meets U.S. diversity reqmt

Available for nonmajor graduate credit

7062005 A MTWRF 11:00-12:20  
MEETS: MAY 17-JUNE 25

PSYCHOLOGY OF WOMEN W S 346 3 CREDITS

Prereq: 2 COURSES IN PSYCH INCLUDING PSYCH 101

Note: Meets U.S. diversity reqmt

7064005 MTWRF 12:10-1:10  
MEETS: MAY 17-JULY 9

INDEPENDENT STUDY W S 490 1- 3 CREDITS

Prereq: ANY TWO COURSES IN W S, PERMISSION OF

INSTRUCTOR, CONSULTATION WITH W S PROGRAM DIRECTOR

Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE

APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR

Department permission required 1st week.

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SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP W S 491 3 CREDITS

Prereq: SENIOR CLASSIFICATION

4097005 ARRANGED  
MEETS: MAY 17-AUG 6

Note: Department permission required.

SENIOR THESIS W S 499 3 CREDITS

Prereq: SENIOR CLASSIFICATION

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SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS W S 590 VAR. CREDITS

Prereq: PERMISN OF WOMEN'S STUDIES PROG DIRECTOR

Note: Department permission required 1st week.

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SEE DEPT FOR REFERENCE NUMBERS