Summer Session 2009

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

Commencement  August 8

Registration Start Dates for Summer 2009
Veterinary Medicine students:  Monday, March 23
Graduate students:  Monday, March 23 - Wednesday, March 25
All seniors:  Tuesday, March 24 - Monday, March 30
Projected juniors:  Tuesday, March 31 - Monday, April 6
Projected sophomores:  Tuesday, April 7 - Monday, April 13
Continuing freshmen:  Tuesday, April 14 - Wednesday, April 22

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

"Iowa State University does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, gender identity, sex, marital status, disability, or status as a U.S. veteran. Inquiries can be directed to the Director of Equal Opportunity and Diversity, 3680 Beardshear Hall, (515) 294-7612."
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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 2009 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 2009, 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 2009
Veterinary Medicine students: Monday, March 23
Graduate students: Monday, March 23 - Wednesday, March 25
All seniors: Tuesday, March 24 - Monday, March 30
Projected juniors: Tuesday, March 31 - Monday, April 6
Projected sophomores: Tuesday, April 7 - Monday, April 13
Continuing freshmen: Tuesday, April 14 - Wednesday, April 22

Room Assignments
Room assignments will be available on AccessPlus class schedule on Monday, April 27. To find a map of room locations on campus go to the ISU index under Classroom abbreviations.

Schedule Changes
You can drop summer session I courses using AccessPlus Registration through Friday, May 22. You can add summer session I courses using AccessPlus Registration through Wednesday, May 20. For additional schedule change deadlines go to the ISU index under Schedule Changes.

Student Answer Center
Have a question and not sure where to go for the answer? Contact the Student Answer Center, ground floor, Beardshear. The Answer Center is open, Monday-Friday, 8 a.m.-5 p.m., or e-mail: answercenter@iastate.edu.
May 17, Sun. • Last day to cancel registration for summer to avoid tuition assessment.

May 18, Mon. • Class work begins, Session I courses.

May 20, Wed. • Fee payment deadline for summer semester. First payment (minimum due) or payment in full.
• Last day to add a Session I course without instructor's signature.
• Last day to process adds or section changes for a Session I course through AccessPlus registration.

May 22, Fri. • Last day to process most schedule changes without a fee; or to add/ drop a Session I course without signatures of instructor and adviser.
• Last day to drop a Session I course without the drop appearing on the permanent record or counting toward the limit of dropped courses.
• Last day to change a Session I course from Pass/Not Pass to grade without it counting toward the total allowable P/NP credits used for graduation.
• Last day to change a Session I course from audit to credit basis.

May 25, Mon. • University holiday—offices closed, classes recessed.

May 29, Fri. • Last day to drop Session II courses without the drop appearing on the permanent record or counting toward the limit of dropped courses.
• Last day to change a Session II course from Pass/Not Pass to grade without it counting toward the total allowable P/NP credits used for graduation.

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

June 19, Wed. • Last day to add a Session II course without instructor's signature.
• Last day to process adds or section changes for a Session II course through AccessPlus registration.

June 19, Fri. • Last day to process a schedule change without a fee or to drop a Session II course without signatures of instructor and adviser.
• Last day to drop a Session II course without the drop appearing on the permanent record or counting toward the limit of dropped courses.
• Last day to drop a Session II course through AccessPlus registration.
• Last day to change a Session II course from Pass/Not Pass to grade without it counting toward the total allowable P/NP credits used for graduation.

June 20, Sat. • Last day to add/drop a course or withdraw without extenuating circumstances (Session I courses).
• Last day to change a Session I course to or from Pass/Not Pass. Courses changed to graded basis after May 23 count toward the total allowable P/NP credits used for graduation.
• Fee payment deadline for summer.

June 26, Fri. • Last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee.

July 3, Fri. • University holiday—offices closed, classes recessed.
• Last day to change a Session I course from audit to credit basis.

July 10, Fri. • Last day to elect to audit a course for Summer Session I. The instructor of the course must approve an audit.

July 17, Fri. • Last day to change a Session I course to or from Pass/Not Pass. Courses changed to graded basis after May 23 count toward the total allowable P/NP credits used for graduation.

July 20, Mon. • Last day to add/drop a course or withdraw without extenuating circumstances (Session II courses).
• Last day to change a Session II course to or from Pass/Not Pass. Courses changed to graded basis after June 20 count toward the total allowable P/NP credits used for graduation.

July 21, Tues. • Last day to file a Designation of Repeated Course form for a summer course that is not an automatic designated repeat.
• Fee payment deadline for summer semester. Final payment due.

July 23, Thurs. • Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation.
• Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.

July 24, Fri. • Graduate College: last day for final submission of graduate student graduation approval slip.
• Graduation approval form for graduation.

July 25, Sat. • Room assignments for Fall 2009 courses displayed on-line.

Aug. 6, Thurs. • Room assignments for Fall 2009 courses displayed on-line.
• University bills with Fall 2009 tuition and fees charges available on AccessPlus http://accessplus.iastate.edu.

Aug. 7, Fri. • Summer Session II ends.
• Commencement. www.iastate.edu/~registrar/graduation

Aug. 8, Sat. • Final grades due in the Office of the Registrar

Aug. 11, Tues. • Grade reports available on AccessPlus.
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
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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 2007-2009 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. 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: intlserv@iastate.edu.

Academically Dismissed

A student who was academically dismissed must submit (1) a reentry form to the Office of the Registrar and (2) a petition for reinstatement to the college in which they wish to enroll at least 45 days before the beginning of the term. Students who have been academically dropped twice and wish to return to the College of Liberal Arts and Sciences must submit their petition at least 70 days before the beginning of the term.

Approving Reentry

All reentry forms should be submitted to the Office of the Registrar, 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: intlserv@iastate.edu.
General Information about Registering for Courses

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 beginning Tuesday, March 24.

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 2009 is Sunday, May 17.

Cancelling Registration

Notify the Office of the Registrar by 5 p.m. Friday, May 15, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m Sunday, May 17, 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
Schedule of Classes

http://classes.iastate.edu/

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

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

Schedule Planner

http://planner.iastate.edu/

The Class Schedule Planner allows you to plan your schedule using courses displayed in the Schedule of Classes at www.iastate.edu.

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

Though it is a web-based application, the Class Schedule Planner does not require authentication (no user ID, PIN, or password). Therefore, it is essential that students understand that this is a planner and, as such, it does not register students in courses and cannot be used to complete your registration. The application requires that students have Java on their computer. For more information see the Help link in the Class Schedule Planner.

AccessPlus

https://accessplus.iastate.edu/

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

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

ISU Alert


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

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. The effective date of a schedule change is the date when the change is entered into the registration system.

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 and do not appear as an X on the permanent record.

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.

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.
**Summer 2009 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.*

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

For students enrolled for less than a full course load and for the most current and complete information, see the Fee Schedule Per Credit list at [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.

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**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 - $468
  - Chem 50 - $310
  - Engl 99L - $240
  - Engl 99R - $160
  - 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.
- **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 as 4 credits.
- **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 $108 per credit supplemental tuition fee. Fees are subject to change without notice.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is $231 for undergraduate students and $359 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 summer semester are due May 20.

Students may pay their university bill online using AccessPlus or they may pay by mail by sending a check or money order (along with the bottom portion of the billing statement printed from AccessPlus) to Iowa State University, Treasurer’s Office, 1220 Beardshear Hall, Ames, IA 50011-2044. Payments may also be made in person in the Treasurer's Office. Payments must be received by the due date to avoid penalties.

**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 4:30 p.m. Friday, May 15; or drop all of your classes through AccessPlus by 10 p.m., Sunday, May 17.

You may cancel your registration by contacting the Office of the Registrar at 515-294-1889 or go to the ISU index from www.iastate.edu under Cancelling Registration. You should make a record of the name of the person taking the call, as well as the time and date called.

**Withdrawing Registration**
Beginning the first day of class (Monday, May 18), 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 2007-2009 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 2009:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Summer Session I</th>
<th>Summer Session II</th>
<th>Student Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 20</td>
<td>June 17</td>
<td></td>
<td>10%</td>
</tr>
<tr>
<td>May 22</td>
<td>June 19</td>
<td></td>
<td>25%</td>
</tr>
<tr>
<td>May 28</td>
<td>June 24</td>
<td></td>
<td>50%</td>
</tr>
<tr>
<td>June 1</td>
<td>June 26</td>
<td></td>
<td>75%</td>
</tr>
<tr>
<td>After June 1</td>
<td>After June 26</td>
<td></td>
<td>100%</td>
</tr>
</tbody>
</table>

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) is $30. The international application fee for undergraduates is $50 and for graduate students is $70. 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 charge $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 2009, 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
Summer 2009 graduating seniors are encouraged to submit applications for graduation after registering in March for their final semester. Applications are available from the adviser, college student services office, the Registrar’s Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 210 Enrollment Services Center by Friday, May 9. Students will be assessed a $40 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.

Ceremony, attendance, and diploma mailing information will be emailed to their ISU email address approximately four weeks before graduation. If they do not receive this information, contact the Registrar’s Graduation Office, 210 Enrollment Services Center, (515)294-9372; e-mail: graduation@iastate.edu.

Undergraduate university commencement ceremony will be held jointly with the graduate ceremony on Saturday, August 9 at 9:30 a.m., in Hilton Coliseum.

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

For more information, contact the Registrar’s Graduation Office, 210 Enrollment Services Center, (515)294-9372 or e-mail: graduation@iastate.edu.

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

Graduate Students
Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may result in the removal of the students name from the graduation list for Summer 2009.

- An “Application for Graduation” (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, May 9.

- 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.


- 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.

Ceremony, attendance, and diploma mailing information will be mailed to the student's in-session address approximately four weeks before graduation. Please notify the Office of the Registrar, 214 Enrollment Services Center, of any address changes. If you do not receive this information by then, contact the Registrar’s Graduation Office, 210 Enrollment Services Center, (515)294-9372 or e-mail: graduation@iastate.edu.

The Graduate College commencement ceremony will be held jointly with the undergraduate ceremony at 9:30 a.m., Saturday, August 9 in C.Y. Stephens Auditorium.

Final grade checks will be made approximately two weeks after the end of the semester and diplomas will be mailed to all
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:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
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<tr>
<td>C+</td>
<td>2.33</td>
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<tr>
<td>C</td>
<td>2.00</td>
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<tr>
<td>C-</td>
<td>1.67</td>
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<tr>
<td>D+</td>
<td>1.33</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>0.67</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
</tr>
</tbody>
</table>

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

For more complete information about Iowa State University’s grading system, please refer to the Academic Life section of the Iowa State University Undergraduate and Graduate Courses and Programs 2007-2009 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 students advisor and the head of the department offering the course. This form is also used if the course number or number of credits has changed from a previous catalog or if the course is being repeated to reduce a transfer deficiency. Process this form in the Office of the Registrar, 214 Enrollment Services Center.

For more information, please refer to the Academic Life section of the 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:

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 cr.</td>
<td>9 cr.</td>
</tr>
<tr>
<td>9-11.5 cr.</td>
<td>7-8.5 cr.</td>
</tr>
<tr>
<td>6-8.5 cr.</td>
<td>5-6.5 cr.</td>
</tr>
<tr>
<td>1-5.5 cr.</td>
<td>1-4.5 cr.</td>
</tr>
</tbody>
</table>

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

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

Information Disclosure for Students

Iowa State University is required by law to make available to enrolled students, prospective students, and their parents certain information about the University. The information disclosure policy is available through the ISU index under Information Disclosure for Students and Employees. Students with no electronic access can obtain the information from the Office of the Registrar, 214 Enrollment Services Center, 515-294-1840 or from the Office of Admissions, 100 Enrollment Services Center, 515-294-5836. Iowa State will provide a paper copy of the information upon request.

Policy on Student Names

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

Release of Student Records

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

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

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

Changing Their Address on AccessPlus

AccessPlus is Iowa State University's electronic key to personal information via www.accessplus.iastate.edu.

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

1. Go to ISU's home page at www.iastate.edu
2. Choose Students
3. Choose AccessPlus
4. After logging in using 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, 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. 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/](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 Centerl. 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 Centerl.

**Room Assignments**

Beginning Monday, December 8, students may find room assignments by viewing their schedule on AccessPlus.

**Time Conflicts**

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

**Validation of Enrollment**

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

**Videotaping/Audiotaping Classes**

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

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 2009 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 2009. Iowa State University course numbers are listed under the course title.

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 18–June 12. MTWRF 8-5.

*Tom Rosburg, Drake University*

An introduction to the principles of ecology at the population, community, and ecosystem level. Field studies of local lakes, wetlands, and prairies are used to examine factors controlling distributions, interactions, and roles of plants and animals in native ecosystems.

Ornithology

*Ia LL 326I (A Ecl 326I)*

Cr. 4. May 18–June 12 -MTWRF 8-12.

*Neil P. Bernstein, Mount Mercy College*

The biology, ecology, and behavior of birds with emphasis on field studies of local avifauna. Group projects stress techniques of population analysis and methodology for behavioral, ecological, and population studies.

Plant Taxonomy

*Ia LL 367*

Cr. 4. June 15–July 10 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.

Watershed Hydrology and Surficial Processes

*Ia LL 402I (A Ecl 402I, EnSci 402I)*

Cr. 4. May 18–June 12 MTWRF 8-5.

*Lee Burras, Iowa State University*

Effects of geomorphology, soils, and land use on transport of water and materials (nutrients, contaminants) in watersheds. Fieldwork will emphasize investigations of the Iowa Great Lakes watershed. Prerequisites: four courses in the physical or biological sciences or engineering.
Prairie Ecology
Ia LL 422I (EnSci 422I)
Cr. 4. June 15-July 10. MTWRF 8-5.
Daryl Smith, University of Northern Iowa
Basic patterns and underlying physical and biotic causes of both regional and local distributions of plants and animals of North American prairies; field and laboratory analyses and projects. Prerequisite: familiarity with basic principles in biological sciences and ecology.

Undergraduate Independent Study
Ia LL 490I (Anthr 490I, NREM 490I)
Cr. 1-4.
Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.

Natural History Workshop
Ia LL 493
Cr. 1 for each week taken. MTWRF 8-5
One-or two-week long non-technical introductions to a specific aspect of the natural history of the Upper Midwest or techniques for studying natural history.
Ia LL 493G-Prairies (June 15-19)

Undergraduate Research
Ia LL 499
Cr. 1-4.
Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.

Freshwater Algae
Ia LL 501I (EEOB 501I)
Cr. 4. May 18-June 12
Jim Wee, Loyola University, New Orleans
Structure and taxonomy of freshwater algae based on field collected material; emphasis on genus-level identifications, habitats visited include lakes, fens, streams, and rivers; algal ecology

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)
Cr. 4. June 15-July 10. MTWRF 8-5.
Kenneth L. Lang, Humboldt University
Analysis of aquatic ecosystems; emphasis on basic ecological principles; ecological theories tested in the field; identification of common plants and animals. Prerequisite: courses in ecology, chemistry, and physics.

Conservation Biology
Ia LL 531I (EEOB 531I, A Ecl 531II)
Cr. 4. June 15-July 10. MTWRF 8-5.
Michael Lannoo, Indiana University
Population of factors influencing the viability of plant and animal populations from both demographic and genetic perspectives; assessment of biodiversity; design and management of preserves.

Analys of Environmental Data
Ia LL 532I
Cr. 2. June 13-24. MTWRF 8-5.
Steve Juggins, Newcastle University
Analysis of Environmental Data will provide students with training in the theory and application of a range of statistical techniques useful for the analysis of ecological and paleoecological data. Topics will include data management, exploratory data analysis, regression analysis, direct and indirect ordination methods, classification techniques, transfer functions and the analysis of temporal data. Lectures and practical classes with hands-on-training. The course will be directed towards advanced undergraduate, graduate, and working professionals in ecology and paleoecology. Prereq: an undergraduate course in statistics, understanding of basic concepts such as correlation and regression, and familiarity with PC-based software for data analysis.

Ecology and Systematics of Diatoms
Ia LL 580I (EEOB 580I)
Cr. 4. June 2-27. MTWRF 8-5.
Sarah Spaulding, Inst. of Arctic and Alpine Research, University of Colorado.
This course is an intensive, field-oriented class appropriate for advanced undergraduate students, graduate students, and post graduate workers in ecology, geology, environmental sciences, and diatom taxonomy. We will immerse ourselves in the diverse aquatic habitats and fossil deposits of the Upper Midwest to observe freshwater diatoms. Students will learn techniques in diatom collection, preparation, and identification. Lectures will cover taxonomy, systematics and biogeography of most freshwater genera. Students will complete individual voucher collections using modern database techniques. Students are encouraged to bring research materials. The use of diatoms in ecological and paleoecological research will be discussed. Class size is limited to ten students and early enrollment is encouraged.

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.
Graduate Natural History Workshop

Ia LL 593
Cr. 1 for each week taken. MTWRF 8-5
One-or two-week long non-technical introductions to a specific aspect of the natural history of the Upper Midwest or techniques for studying natural history.
Ia LL 593 sect. G1. Prairies (July 7-11),

Research
Cr. 1-4
Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.
### Summer Sessions Registration Trial Schedule Form (Time Grid)

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<th>Days</th>
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**Registration Worksheet**

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://classes.iastate.edu/](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/](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

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### Courses

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

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**Notes**

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Adviser Signature: __________________________ Date Approved: __________________________
ACCOUNTING

LEGAL ENVIRONMT BUS ACCT 215  3 CR.
PREREQ: SOPH CLASSIFICATION
COURSE RESTRICTED TO SOPHOMORES AND ABOVE
5277005  A MTWRF 7:30-9:30
SECT A:MAY 18-JUNE 12

FINANCIAL ACCOUNTNG ACCT 284  3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
COURSE NOT OPEN TO GRADUATE STUDENTS
1110005  A MTWRF 9:50-11:50
SECT A:MAY 18-JUNE 12

MANAGERIAL ACCOUNTG ACCT 285  3 CR.
PREREQ: 284
COURSE NOT OPEN TO GRADUATE STUDENTS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1112005  A MTWRF 9:50-11:50
SECT A:MAY 18-JUNE 12

INTMD MANAGERL ACCT ACCT 383  3 CR.
PREREQ: 285 OR 508
COURSE RESTRICTED TO ACCT, AG B, BUS S, BUS U,
FIN, LSCM, MGMT, MIS, MKT, OSCM UNDERGRAD MAJORS
ONLY
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1117005  A MTWRF 9:50-11:50
SECT A:MAY 18-JUNE 10

INTMED ACCOUNTING I ACCT 386  3 CR.
PREREQ: 285 OR 508
COURSE RESTRICTED TO ACCT, AG B, BUS S, BUS U,
FIN, LSCM, MGMT, MIS, MKT, OSCM UNDERGRAD MAJORS
ONLY
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1118005  A MTWRF 12:10-2:10
SECT A1:JUNE 15-JULY 10
SECTION A1 RESTRICTED TO ACCT MAJORS
1118005  A MTWRF 12:10-2:10
SECT A2:JUNE 15-JULY 10
SECTION A2 RESTRICTED TO BUS S, BUS
U, FIN,
LSCM, MGMT, MIS, MKT, OSCM
UNDERGRAD MAJORS ONLY

INDEPENDENT STUDY ACCT 490  1- 3 CR.
PREREQ: 285, SR CLASSIFICATION, INSTR PERMISSN
COURSE RESTRICTED TO ACCT MAJORS ONLY
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******  SEE DEPT FOR REFERENCE NUMBERS

INTRO TO AUDITING ACCT 497  3 CR.
PREREQ: 384, 387, STAT 326
COURSE RESTRICTED TO ACCT MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1126005  A MTWRF 9:50-11:50
SECT A:JULY 13-AUG 7

ADV FEDERAL TAXATN ACCT 586  3 CR.
PREREQ: 485
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7001005  A MTWRF 2:30-4:30
SECT A:MAY 18-JUNE 12

ACCOUNTING

SPECIAL TOPICS ACCT 590  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ACCT 599  2 CR.
PREREQ: ADMISSION TO THE MASTER OF ACCT PROGRAM
******  SEE DEPT FOR REFERENCE NUMBERS

ADVERTISING

STRATEG PLAN AD&P R ADVRT 301  3 CR.
PREREQ: 230 OR JL MC 220; SOPHOMORE CLASSIFICATN
4439005  1 MTWRF 8:40-10:50
MONAHAN L
SECT 1:JUNE 15-JULY 10
SYLLABUS:
http://www.jlmc.iastate.edu/undergrad/syllabi.ht

AEROSPACE ENGINEERING

INDEPENDENT STUDY AER E 290C  1- 2 CR.
PREREQ: SOPHOMORE CLASSIFICATION, DEPT APPROVAL
2651005  ARRANGED, MAY 18-AUG 7
DEPARTMENT PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

COOPERATIVE EDUC AER E 298  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
******  SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP AER E 396  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
1430005  ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUC AER E 398  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 298, PERMISSION OF DEPARTMENT AND
ENGINEERING CAREER SERVICES
******  SEE DEPT FOR REFERENCE NUMBERS

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

ADV FEDERAL TAXATN AER E 586  3 CR.
PREREQ: 485
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7001005  A MTWRF 2:30-4:30
SECT A:MAY 18-JUNE 12

ADV FEDERAL TAXATN AER E 586  3 CR.
PREREQ: 485
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7001005  A MTWRF 2:30-4:30
SECT A:MAY 18-JUNE 12
AEROSPACE ENGINEERING

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

IND STU FLT CONT SYS AER E 490F 1-6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU AEROELASTI AER E 490G 1-6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

IND STU ULTRALIGHT AER E 490L 1-6 CR.
PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC AER E 498 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

SPL TOP VISCOS AER AER E 590H 1-5 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING INTERNSHP AER E 697 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DOGE, GRADUATE CLASSIFICATION 8131005 ARRANGED, MAY 18-AUG 7

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

AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST AF AM 201 3 CR.
MEETS U.S. DIVERSITY REGMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 8310005 MTWR 9:50-12:20 JULY 13-AUG 7
AFRICAN AMERICAN STUDIES

ETHNIC & RACE RELATIONS  AF AM 330  3 CR.
PREREQ: SOC 130 OR 134
MEETS U.S. DIVERSITY REQMT.
8638005  A MWF 8:40-10:40
SECT A: JUNE 15-JULY 10

INDEPENDENT STUDY  AF AM 490   1- 3 CR.
PREREQ: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR
AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8357005  ARRANGED, MAY 18-AUG 7

AGRICULTURAL EDUCATION & STUDIES

FIELD EXP H.S. AGRI  AGEDS 211A   1 CR.
PREREQ: 110
7586005  ARRANGED, MAY 18-AUG 7

FIELD EXP EXTENSION  AGEDS 211B   1 CR.
PREREQ: 110
7594005  ARRANGED, MAY 18-AUG 7

FIELD EXP AG INDUST  AGEDS 211C   1 CR.
PREREQ: 110
7603005  ARRANGED, MAY 18-AUG 7

SPECIAL PROBLEMS  AGEDS 290   1- 3 CR.
NO MORE THAN 6 CREDITS OF 290 MAY BE APPLIED
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1270005  ARRANGED, MAY 18-AUG 7

PRESENTN STRATEGIES  AGEDS 311   3 CR.
1272005  F 2:00-5:00
MAY 18-AUG 7

INTERNSHIP IN AGEDS  AGEDS 412   2- 6 CR.
PREREQ: 211, JR CLASSIFICATION, INSTR PERMISSION
MATERIALS FEE $50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
******* SEE DEPT FOR REFERENCE NUMBERS

SUPERV EXTENSN EXPER  AGEDS 418   2- 8 CR.
PREREQ: 211, JR CLASSIFICATION, INSTR PERMISSION
MATERIALS FEE $50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1282005  ARRANGED, MAY 18-AUG 7
INSTRUCTOR PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

FARM MGMT & OPERATION  AGEDS 450   3 CR.
PREREQ: ECON 235, 330, JR CLASSIFICATION
MATERIALS AND EQUIPMENT USE FEE $100.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1386005  1 MWF 12:10-4:00
SECT 1: MAY 18-JULY 10

AGRICULTURAL EDUCATION & STUDIES

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

IND STU LDRSHIP, EVAL  AGEDS 490B   1- 3 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
INSTRUCTOR PERMISSION 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 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.
MATERIALS FEE $50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

IND STU INSTR TCHNL  AGEDS 490E   1- 3 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
INSTRUCTOR PERMISSION 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 COMMUNICATN  AGEDS 490I   1- 3 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
INSTRUCTOR PERMISSION 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. CR.
PREREQ: PERMISSION OF INSTRUCTOR, ADVISER, & DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
8361005 ARRANGED, MAY 18-AUG 7

SPECIAL TOPICS CURRICULUM AGEDS 590A 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS METHODS AGEDS 590B 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS PHILOSOPHY AGEDS 590C 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS EVALUATION AGEDS 590D 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS ADMINISTRATION AGEDS 590E 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LEADERSHIP AGEDS 590F 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GUIDANCE AGEDS 590G 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS INSTRUCTION TECHNICAL AGEDS 590I 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS EXTENSION AGEDS 590J 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL EDUCATION & STUDIES

SPL TOP INTRNATIONAL AG AGEDS 590K 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROGRAM PLAN AGEDS 590L 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP CURRICULUM AGEDS 593A 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION MATERIALS FEE $25.00
1317005 ARRANGED, MAY 18-AUG 7

ADMINISTRATIVE WORKSHOP AGEDS 593D 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION MATERIALS FEE $25.00
1320005 ARRANGED, MAY 18-AUG 7

WORKSHOP LEADERSHIP AGEDS 593E 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION MATERIALS FEE $25.00
1321005 ARRANGED, MAY 18-AUG 7

WORKSHOP EXTENSION AGEDS 593F 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION MATERIALS FEE $25.00
1322005 ARRANGED, MAY 18-AUG 7

WORKSHOP INSTRUCTION TECHNOLOGY AGEDS 593H 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION MATERIALS FEE $25.00
1890005 ARRANGED, MAY 18-AUG 7

WORKSHOP BIOTECHNOLOGY AGEDS 593M 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION MATERIALS FEE $25.00
6536005 ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT AGEDS 599 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR PUBLICATION WRITING AGEDS 615A 1 CR.
SATISFACTORY-FAIL ONLY.
1327005 MW 8:40-11:00
JUNE 15-JULY 10
NO SCHEDULED MEETINGS AFTER JULY 6

PRO INTERNSHIP IN AGRICULTURAL EDUCATION AGEDS 617 1-6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH AGEDS 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
# AGRICULTURAL ENGINEERING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>298</td>
<td>Cooperative Educ A E</td>
<td>3 CR.</td>
<td>Permission of Department and Engineering Career Services</td>
</tr>
<tr>
<td>396</td>
<td>Summer Internship A E</td>
<td>4 CR.</td>
<td>Permission of Advisor &amp; Career Services Required; College will register student</td>
</tr>
<tr>
<td>398</td>
<td>Cooperative Educ A E</td>
<td>4 CR.</td>
<td>298, Permission of Department and Engineering Career Services</td>
</tr>
<tr>
<td>490B</td>
<td>Ind Study Biosys Engr A E</td>
<td>4 CR.</td>
<td></td>
</tr>
<tr>
<td>490C</td>
<td>Ind Study Cptr-A Dsgn A E</td>
<td>4 CR.</td>
<td></td>
</tr>
<tr>
<td>490E</td>
<td>Ind Study Envir Systs A E</td>
<td>4 CR.</td>
<td></td>
</tr>
<tr>
<td>490F</td>
<td>Ind Study Food Engr A E</td>
<td>4 CR.</td>
<td></td>
</tr>
<tr>
<td>490H</td>
<td>Indep Study Honors A E</td>
<td>4 CR.</td>
<td>Memberships in Univ Honors Program</td>
</tr>
<tr>
<td>490P</td>
<td>Ind Study Power Engr A E</td>
<td>4 CR.</td>
<td></td>
</tr>
<tr>
<td>490Q</td>
<td>Ind Study Structures A E</td>
<td>4 CR.</td>
<td></td>
</tr>
<tr>
<td>490R</td>
<td>Ind Study Process Eng A E</td>
<td>4 CR.</td>
<td></td>
</tr>
<tr>
<td>490S</td>
<td>Ind Study Envir &amp;N Res A E</td>
<td>4 CR.</td>
<td></td>
</tr>
<tr>
<td>490U</td>
<td>Ind Study Waste Mgt A E</td>
<td>4 CR.</td>
<td></td>
</tr>
<tr>
<td>498</td>
<td>Cooperative Educatn A E</td>
<td>3 CR.</td>
<td>398, Permission of the Department and Engineering Career Services</td>
</tr>
<tr>
<td>590B</td>
<td>Spl Top Biosys Engr A E</td>
<td>3 CR.</td>
<td></td>
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<tr>
<td>590F</td>
<td>Spl Top Food Engr A E</td>
<td>3 CR.</td>
<td></td>
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<tr>
<td>590P</td>
<td>Spl Top Power Engr A E</td>
<td>1-3 CR.</td>
<td></td>
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<tr>
<td>590Q</td>
<td>Spl Top Struct &amp; Envrn A E</td>
<td>1-3 CR.</td>
<td></td>
</tr>
<tr>
<td>590R</td>
<td>Spl Top Process Engr A E</td>
<td>1-3 CR.</td>
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</tr>
<tr>
<td>590S</td>
<td>Spl Top Water &amp; Envrn A E</td>
<td>1-3 CR.</td>
<td></td>
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<tr>
<td>590U</td>
<td>Spl Top Topic Waste Mgt A E</td>
<td>1-3 CR.</td>
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<tr>
<td>598</td>
<td>Master's Tech Paper A E</td>
<td>1 CR.</td>
<td>Satisfactory-Fail Only.</td>
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<tr>
<td>599B</td>
<td>Research Biosys Eng A E</td>
<td>Var. CR.</td>
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<tr>
<td>697</td>
<td>Engineer Internship A E</td>
<td>3 CR.</td>
<td>Satisfactory-Fail Only.</td>
</tr>
<tr>
<td>699B</td>
<td>Research Biosys Eng A E</td>
<td>Var. CR.</td>
<td></td>
</tr>
<tr>
<td>699E</td>
<td>Res Environmtl Syst A E</td>
<td>Var. CR.</td>
<td></td>
</tr>
<tr>
<td>699F</td>
<td>Research Food Engr A E</td>
<td>Var. CR.</td>
<td></td>
</tr>
<tr>
<td>699P</td>
<td>Res Pwr&amp;Machin Engr A E</td>
<td>Var. CR.</td>
<td></td>
</tr>
<tr>
<td>699Q</td>
<td>Structures Research A E</td>
<td>Var. CR.</td>
<td></td>
</tr>
<tr>
<td>699R</td>
<td>Resrch Process Engr A E</td>
<td>Var. CR.</td>
<td></td>
</tr>
<tr>
<td>699S</td>
<td>Res Environ&amp;Nat Res A E</td>
<td>Var. CR.</td>
<td></td>
</tr>
<tr>
<td>699U</td>
<td>Research Waste Mgt A E</td>
<td>Var. CR.</td>
<td></td>
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</tbody>
</table>

# AGRONOMY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>310</td>
<td>Prof Devel: Work Exp Agron</td>
<td>3 CR.</td>
<td>Satisfactory-Fail Only.</td>
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</tbody>
</table>

**SUMMER 2009**  
Last Updated 01-07-2009
AGRONOMY

WORLD FOOD ISSUES AGRON 342 3 CR.
PREREQ: JUNIOR CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1402005 MTWRF 8:40-10:50
MAY 18-JUNE 12

COORDERATIVE EDUCATION AGRON 398 1 CR.
PREREQ: PERMISSION OF DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
1411005 ARRANGED, MAY 18-AUG 7

WTRSHED HYDROLS&SURF AGRON 402I 4 CR.
PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
SCIENCES OR ENGINEERING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
7299005 MTWRF 8:00-5:00
MAY 18-JUNE 12

INDEPENDENT STUDY AGRON 490 1-3 CR.
PREREQ: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON
INSTRUCTOR PERMISSION IN SPECIALTY AREA AFTER
CONSULTATN
NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGRON 490H 1-3 CR.
PREREQ: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON
INSTRUCTOR PERMISSION IN SPECIALTY AREA AFTER
CONSULTATN
MEMBERSHIP IN THE HONORS PROGRAM
NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
GRADUATION. RESTRICTED TO HONORS PROGRAM STUDENTS
ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU SERVC LEARN AGRON 490Z 1-5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
NO MORE THAN 6 CREDITS OF HORT/AGRON 490Z MAY BE
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
GRADUATION
7954800 UG ARRANGED NONNECKE G
SECT UG: JUNE 6-JULY 10
SEC UG TAUGHT IN UGANDA. TOPIC:
CREATING A SCHOOL GARDEN: SERVICE LEARNING IN
UGANDA. OFFERED FOR 4 CREDITS SUMMER 2009.

COORDERATIVE EDUCATION AGRON 498 1 CR.
PREREQ: PERMISSION OF DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR; SENIOR CLASSIFICATION
1416005 ARRANGED, MAY 18-AUG 7

APPLD AG METEOROLOGY AGRON 541 2-3 CR.
PREREQ: 206 OR UPPER DIVISION BIOLOGICAL SCIENCE
CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
1454005 ARRANGED, MAY 18-AUG 7

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

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

CR COMP CROP PRD&PH AGRON 599B VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1473005 ARRANGED, MAY 18-AUG 7

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

CRTV COMP SOIL CHEM AGRON 599D VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1475005 ARRANGED, MAY 18-AUG 7

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

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

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

CR COMP SOIL PHYSCS AGRON 599I VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1480005 ARRANGED, MAY 18-AUG 7

AGRON TCHNG PRACTCM AGRON 698 1-2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION IN AGRON AND
PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

RESRCH SOIL FERTILI AGRON 699E VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS
**AGRONOMY**

  **See Dept for Reference Numbers**
  **See Dept for Reference Numbers**
  **See Dept for Reference Numbers**
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  **See Dept for Reference Numbers**
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  **See Dept for Reference Numbers**

**AMERICAN INDIAN STUDIES**

- Intr Am Indian Studi: Am In 210 3 Cr.  
  Meets U.S. Diversity Reqmt.  
  1506005 1 MTWRF 9:50-11:50  
  Sect 1: June 15-July 10

**ANIMAL ECOLOGY**

- Ecology: A Ecl 312 4 Cr.  
  Prereq: Biol 211L and 212L  
  Materials and Field Trips & Travel Fee $55.00  
  1061005 A MTWR 9:50-11:05  
  MWF 1:20-4:20  
  Sect A: May 18-July 10  
  1061010 B MTWR 9:50-11:05  
  TR 1:20-4:20  
  Sect B: May 18-July 10
- Ecl 312I: A Ecl 312I 4 Cr.  
  Permission Required - Use Form At:  
  http://www.continuetolearn.uiowa.edu/lakesidelab  
  3713005 MTWRF 8:00-5:00  
  May 18-June 12
- Ornithology: A Ecl 326I 4 Cr.  
  Permission Required - Use Form At:  
  http://www.continuetolearn.uiowa.edu/lakesidelab  
  3723005 MTWRF 8:00-5:00  
  May 18-June 12
- Conservation Biolgy: A Ecl 531I 4 Cr.  
  Prereq: 312I  
  Permission Required - Use Form At:  
  http://www.continuetolearn.uiowa.edu/lakesidelab  
  5653005 MTWRF 8:00-5:00  
  June 15-July 10
- Grad Ind Study Ia Ll: A Ecl 590I 1-4 Cr.  
  Prereq: Permission of Instructor & Grad Classif  
  Permission Required - Use Form At:  
  http://www.continuetolearn.uiowa.edu/lakesidelab  
  3979005 1 Arranged

**ANIMAL SCIENCE**

- Workng with Animals: An S 101 2 Cr.  
  Materials and Field Trips & Travel Fee $0.00-$50.00  
  1527005 1 MTWR 7:30-8:30  
  MTWR 8:40-10:50  
  Sect 1: June 15-July 10
- Anim Sci Internship: An S 399A 2-6 Cr.  
  Prereq: Permission of the Instructor  
  1538005 Arranged, May 18-Aug 7 Spike P
- Superv'd Internship: An S 399B R Cr.  
  Satisfactory-Fail Only.  
  Prereq: Permission of Internship Coordinator  
  2258005 Arranged, May 18-Aug 7 Spike P
- Ind Study Animal Sci: An S 490A 1-3 Cr.  
  Prereq: Permission of the Instructor  
  No More Than 6 Credits of An S 490 May Be  
  Applied Toward the Total Credits Required for  
  Graduation  
  Materials and Field Trips & Travel Fee $0.00-$50.00  
  **See Dept for Reference Numbers**
- Ind Study Dairy Sci: An S 490B 1-3 Cr.  
  Prereq: Permission of the Instructor  
  No More Than 6 Credits of An S 490 May Be  
  Applied Toward the Total Credits Required for  
  Graduation  
  Materials and Field Trips & Travel Fee $0.00-$50.00  
  **See Dept for Reference Numbers**
- Indep Study Meat Sci: An S 490C 1-3 Cr.  
  Prereq: Permission of the Instructor  
  No More Than 6 Credits of An S 490 May Be  
  Applied Toward the Total Credits Required for  
  Graduation  
  Materials and Field Trips & Travel Fee $0.00-$50.00  
  **See Dept for Reference Numbers**
ANIMAL SCIENCE

IND STU POULTRY SCI AN S 490G 1-3 CR.  
PREREQ: PERMISSION OF THE INSTRUCTOR  
NO MORE THAN 6 CREDITS OF AN S 490 MAY BE  
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR  
GRADUATION  
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00  
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS AN S 490H 1-3 CR.  
PREREQ: PERMISSION OF THE INSTRUCTOR, MEMBERSHIP  
in the Honors Program  
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  
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00  
******* SEE DEPT FOR REFERENCE NUMBERS

TEACHING EXPERIENCE AN S 497 1-2 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
NO MORE THAN 4 CREDITS OF AN S 497 MAY BE APPLIED  
TOWARD GRADUATION  
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIALTOPICS MEAT SCIENCE AN S 590A 1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCIENCE AN S 590B 1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCIENCE AN S 590C 1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCIENCE AN S 590D 1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCIENCE AN S 590E 1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCIENCE AN S 590F 1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCIENCE AN S 590G 1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING AN S 590L 1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

CROSS-COUNTED ANIMAL BREEDING AN S 599B 1-8 CR.  
PREREQ: NONTHESIS M.S. STATUS  
******* SEE DEPT FOR REFERENCE NUMBERS

CROSS-COUNTED ANIMAL NUTRITION AN S 599B 1-8 CR.  
PREREQ: NONTHESIS M.S. STATUS  
******* SEE DEPT FOR REFERENCE NUMBERS

CROSS-COUNTED MEAT SCIENCE AN S 599E 1-8 CR.  
PREREQ: NONTHESIS M.S. STATUS  
******* SEE DEPT FOR REFERENCE NUMBERS

CROSS-COUNTED ANIMAL BREEDING RESEARCH AN S 699A VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

CROSS-COUNTED ANIMAL NUTRITION RESEARCH AN S 699B VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

CROSS-COUNTED MEAT SCIENCE RESEARCH AN S 699C VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

CROSS-COUNTED DAIRY PRODUCTION RESEARCH AN S 699D VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

CROSS-COUNTED MEAT SCIENCE RESEARCH AN S 699E VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

CROSS-COUNTED REPRODUCTION PHYSIOLOGY RESEARCH AN S 699F VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

CROSS-COUNTED MUSCLE BIOLOGY RESEARCH AN S 699G VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS

ANTHROPOLOGY

INTRODUCTION ANTHRO M 201 3 CR.  
MEETS INTERNATIONAL PERSPECTIVES REQMT.  
1615005 1 MTWRF 8:40-10:40 VIATORI M  
SECTION 1: MAY 18-JUNE 12

INTERNSHIP ARCHAEOLOGY ANTHRO 434A 2-6 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: JUNIOR OR SENIOR STANDING  
NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE  
MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHRO 434  
MAY BE USED TO SATISFY ANTHRO CORE COURSE  
REQUIREMENTS  
FOR THE MAJOR OR FOR THE ANTHRO MINOR.  
7718005 A ARRANGED  
SECTION A: MAY 18-AUG 7

INTERNSHIP CULTURAL ANTHRO 434B 2-6 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: JUNIOR OR SENIOR STANDING  
NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE  
MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHRO 434  
MAY BE USED TO SATISFY ANTHRO CORE COURSE  
REQUIREMENTS  
FOR THE MAJOR OR FOR THE ANTHRO MINOR.  
1031005 ARRANGED, MAY 18-AUG 7

INDEPENDENT STUDY ANTHRO 490A 1-5 CR.  
PREREQ: 9 CREDITS IN ANTHROPOLOGY  
NO MORE THAN 9 CREDITS OF ANTHRO 490 MAY BE  
APPLIED TOWARD GRADUATION  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
******* SEE DEPT FOR REFERENCE NUMBERS
ANTHROPOLOGY

IND STU CULTR ANTHR ANTHR 490B 1- 5 CR.
PREREQ: 9 CREDITS IN ANTHROPOLOGY
NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOL ANTHRO ANTHR 490C 1- 5 CR.
PREREQ: 9 CREDITS IN ANTHROPOLOGY
NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU LING ANTHR ANTHR 490D 1- 5 CR.
PREREQ: 9 CREDITS IN ANTHROPOLOGY
NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ANTHR 490H 1- 5 CR.
PREREQ: 9 CREDITS IN ANTHROPOLOGY, MEMBERSHIP IN THE HONORS PROGRAM
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; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

UG INDEP STDY IA LL ANTHR 490I 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARD GRADUATION
PERMISSION REQUIRED - USE FORM AT HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB 7822005

GRAD INDEPENDENT STUDY ANTHR 590 1- 4 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ANTHR 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURE

PRACTICAL EXPERIENCE ARCH 310 R CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
2544005 ARRANGED, MAY 18-AUG 7

ARCHITECTURE

APPAREL, ED STUDIES, & HOSPITALITY MGMT

P R & EVENT MGMT I AESHM 271 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR. COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN BE REPEATED FOR 1 CREDIT.
COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST TIME, THEN MAY BE REPEATED FOR 1 CREDIT
MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00
4556005 1 MTWRF 9:50-11:50
SECT 1:JUNE 15-JULY 10

AESTHETIC OF EVERYDAY AESHM 342 3 CR.
MEETS U.S. DIVERSITY REQMT.
4609005 1 MTWRF 7:30-9:30
SECT 1:JULY 13-AUG 7

P R & EVENT MGMT II AESHM 471 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR. COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN BE REPEATED FOR 1 CREDIT.
COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST TIME, THEN MAY BE REPEATED FOR 1 CREDIT
MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00
4612005 1 MTWRF 9:50-11:50
SECT 1:JUNE 15-JULY 10

ARCHITECTURE

RESEARCH - IA LL ANTHR 699I 1- 4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
PERMISSION REQUIRED - USE FORM AT HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB 7824005 ARRANGED
ARCHITECTURE

IND STUDY BEHAV STD ARCH 490E 1- 9 CR.
PREREQ: APPROVAL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY PRACTICE ARCH 490F 1- 9 CR.
PREREQ: APPROVAL OF INSTR & DEPT CHAIR ON REQ FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARCH 490H 1- 9 CR.
PREREQ: APPROVAL OF INSTR & DEPT CHAIR ON
REQUIRED FORM. MEMBERSHIP IN THE HONORS PROGRAM.
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ARC DSIGN&MEDIA III ARCH 507 5 CR.
PREREQ: 506,596,542, CONCURRENT ENROLLMENT IN 543
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$75.00-$125.00
1300005 1 MTWRF 1:00-5:00
SECT 1: MAY 18-JULY 10

TOP STDI ARCH&COLTR ARCH 528A 2- 3 CR.
PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
FIELD TRIPS & TRAVEL FEE $5.00-$250.00
1731005 1 ARRANGED
SECT 1: MAY 18-JULY 10
SECTION 1 TOPIC: LOS ANGELES

ARCHITECTURE
1731010 2 MW 9:00-12:00
SECT 2: MAY 18-JULY 10
SECTION 2 TOPIC: AESTHETICS AND

ARCHITECTURE

TOPCL STDI CMMUNCAT ARCH 528C 2- 3 CR.
PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
FIELD TRIPS & TRAVEL FEE $5.00-$250.00
1326005 1 TR 9:00-12:00
SECT 1: MAY 18-JULY 10
SECTION 1 TOPIC: SOLAR DECATHLON
SEMINAR:
CONTESTS AND COMMUNICATIONS

STUDY ABROAD OPTIONS ARCH 576 3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6872800 CN ARRANGED  SHAO P
SECT CN: MAY 11-25
SEC CN TAUGHT IN CHINA. TOPIC:'FIELD STUDIES IN
CHINESE ARCHITECTURE' STUDY ABROAD
SUMMER 2008

SERVICE LEARNING ARCH 581 5 CR.
PREREQ: 506,596,542
1719005 1 MTWRF 8:40-10:20
R 8:40-12:00
SECT 1: MAY 18-JULY 10

ARCHITECTURE

SPECIAL TOPICS ARCH 590 1- 5 CR.
PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND
DEPARTMENT CHAIR ON APPROVED FORM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP DESIGN STUDY ARCH 690 6 CR.
PREREQ: ADMISSION TO MSAS OR M ARCH 30 CR PROGRAM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ARCH 699 3- 9 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

ART & DESIGN

DRAWING II ART 230 3 CR.
PREREQ: DSN S 131
COURSE RESTRICTED TO DESIGN COLLEGE MAJORS
MATERIALS AND PROFESSIONAL SUPPORT FEE $5.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1779005 1 MTWRF 8:40-12:40
SECT 1: JUNE 15-JULY 10

ART HIST IN EUROPE ART 495N 3 CR.
PREREQ: 494, PERMISSION OF INSTRUCTOR
MEETS INTERNATIONAL PERSPECTIVES REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7552800 IT ARRANGED
SECT IT: JUNE 3-30
SEC IT TAUGHT IN ROME, ITALY. COLLEGE
OF DESIGN SUMMER ROME PROGRAM

STUDIO INTERNSHIP ART 497 1- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ADVANCED CLASSIFICATION IN A DEPT CURR,
WRITTEN APPROVAL OF SUPERVISING INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7821005 JC ARRANGED
SECT JC: MAY 18-AUG 7

INTRNSHP MUSEUM/GAL ART 498 1- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ADVANCED CLASSIFICATION IN A DEPT CURR,
WRITTEN APPROVAL OF SUPERVISING INSTR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7560800 IT ARRANGED
SECT IT: JUNE 3-30
SEC IT TAUGHT IN ROME, ITALY. COLLEGE
OF DESIGN SUMMER ROME PROGRAM

ART HIST IN EUROPE ART 595N 3 CR.
PREREQ: GRAD CLASSIF, 494 OR EQUIV, INSTR PERMSSN
7568000 IT ARRANGED
SECT IT: JUNE 3-30
SEC IT TAUGHT IN ROME, ITALY. COLLEGE
ART & DESIGN

MUSEUM/GALLRY INTRN  ART  598  1-6 CR.  SATISFACTORY-FAIL ONLY.
PREREQ: GRAD CLASSIFICATION & INSTRUCTOR PERMISSION
WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF ENROLLMENT
FOR GRADUATE ART MAJORS
9445010 BJ ARRANGED
9445005 JC ARRANGED
DEPARTMENT PERMISSION REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

FOR GRADUATE ART MAJORS ONLY.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
8371005 RB ARRANGED
8371010 SH ARRANGED

THESIS RESEARCH  ART  699A VAR. CR.  ARRANGED, MAY 18-AUG 7

ART HISTORY

HISTORY OF ART II  ART H 281  3 CR.  FIELD TRIPS & TRAVEL FEE $0.00-$15.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
1791005 MWF 9:50-12:00
MAY 18-JULY 10

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

TOPICS IN ART HIST  ART H 498  3 CR.  FIELD TRIPS & TRAVEL FEE $0.00-$15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
1738005 1 MWF 9:50-10:50
SECT 1: MAY 18-JULY 10
SEC 1 TOPIC: SEQUENTIAL ART, COMIC STRIPS,
COMIC BOOKS AND GRAPHIC NOVELS

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

ART: GRAPHIC DESIGN

GRPHC DSN METHODLGY  ARTGR 476  2 CR.  PREREQ: ENROLLMENT IN 370 OR 371 OR 470 OR 482
1889005 1 MWF 8:40-11:00
1889010 2 MWF 8:40-11:00

GRPH DSGN INTERNSHP  ARTGR 480  3 CR.  PREREQ: 377, 12 CR IN GRAPHIC DESIGN; INSTRUCTOR PERMISSION, REGISTRATION IN ADVANCE OF ENROLLMENT
7746005 A ARRANGED
SECT A: MAY 18-AUG 7

IND ST THEORY, CRIT  ARTGR 490A  1-6 CR.  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 CR.  PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
PERMISSION OF INSTRUCTOR REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
****** SEE DEPT FOR REFERENCE NUMBERS

GRPHC DSGN METHDOL  ARTGR 576  2 CR.  PREREQ: GRAD ENROLLMENT IN COLLEGE OF DESIGN
2058005 1 MWF 8:40-11:00
SECT 1: MAY 18-JULY 10

SPL TOPCS THRY, CRIT  ARTGR 590A VAR. CR.  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 SEM OF ENROLLMT
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 2-DIMEN DSN  ARTGR 590B VAR. CR.  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 SEM OF ENROLLMT.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 3-DIMEN DSN  ARTGR 590C VAR. CR.  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 SEM OF ENROLLMT.
****** SEE DEPT FOR REFERENCE NUMBERS
ART: GRAPHIC DESIGN

ADVANCED TOPICS  ARTGR 690  VAR. CR.
PREREQ: MFA CLASSIFICATION, INSTRUCTOR PERMISSION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS  ARTGR 699A  VAR. CR.
8382005  ARRANGED, MAY 18-JULY 7

ART: INTEGRATED STUDIO ARTS

FND VISUAL LITERACY  ARTIS 201  3 CR.
PREREQ: DSN S 102 AND 131
COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS
7938005  ARRANGED
MAY 18-JULY 10
DELIVERY IS WWW

COLOR  ARTIS 208  3 CR.
PREREQ: DSN S 183 OR ART 108. REQUIRED OF ALL
ISA BFA STUDENTS
MATERIALS FEE $25.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1766005  MTWRF 11:00-1:00
MAY 18-JULY 10

INTRO DIGITAL PHOTO  ARTIS 227  3 CR.
PREREQ: ART 108 OR DSN S 102, 183, 131
MATERIALS FEE $50.00
1983005  A  MTWRF 8:40-10:50
SECT A: MAY 18-JULY 10
SEC A RESTRICTED TO COLLEGE OF DESIGN MAJORS
1983800  IT ARRANGED
SECT IT: JULY 6-29
SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF
DESIGN SUMMER ROME PROGRAM

PHOTOGRAPHY I  ARTIS 229  3 CR.
PREREQ: ART 108 OR DSN S 102, 183, 131
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
ARTID, BPM I, PBPMI MAJORS ONLY
MATERIALS AND FIELD TRIPS & TRAVEL FEE $50.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1778005  MTWRF 11:00-1:40
MAY 18-JULY 10

PAINTING I  ARTIS 238  3 CR.
PREREQ: ART 230
PROFESSIONAL SUPPORT FEE $20.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7828005  1  MTWRF 11:00-1:40
SECT 1: MAY 18-JULY 10
SEC 1 RESTRICTED TO COLLEGE OF DESIGN MAJORS

INTEGRATIVE MEDIA  ARTIS 305  3 CR.
PREREQ: DSN S 102, 131 AND 183 AND 6 CREDITS
OF ADDITIONAL ISA STUDIO AT 200+ LEVEL
MATERIALS FEE $15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1771005  MTWRF 1:20-3:20
MAY 18-JULY 10
ART: INTEGRATED STUDIO ARTS

INDEP STUDY METALS ARTIS 490G 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
MATERIALS FEE $70.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

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

INDEP STUDY PAINTING ARTIS 490I 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU PHOTOGRAPHY ARTIS 490J 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
MATERIALS AND PROFESSIONAL SUPPORT FEE $50.00
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY WOOD ARTIS 490L 1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
MATERIALS AND PROFESSIONAL SUPPORT FEE $35.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INTEGRATIVE MEDIA ARTIS 505 3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS.
MATERIALS FEE $15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

PAINTING ARTIS 538 3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION PROFESSIONAL SUPPORT FEE $12.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
7553005 M T W R F 11:00-1:00
SECT 1: MAY 18-JUNE 26

TOPICS STUDIO ART ARTIS 582 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
MATERIALS FEE $10.00
1870005 M T W R F 11:00-1:40
1870800 IT ARRANGED
JONES B
SECT IT: JULY 6-29
SEC IT TAUHT IN ROME, ITALY: COLLEGE OF DESIGN SUMMER ROME PROGRAM

ART: INTEGRATED STUDIO ARTS

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

SPCL TOPICS DRAWING ARTIS 590D VAR. CR.
PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS FIBER ARTIS 590E VAR. CR.
PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
MATERIALS FEE $25.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS PAINTING ARTIS 590I VAR. CR.
PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ILLUSTRATN ARTIS 590F VAR. CR.
PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
MATERIALS FEE $50.00
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIL TOPICS METALS ARTIS 590G VAR. CR.
PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
MATERIALS AND PROFESSIONAL SUPPORT FEE $50.00
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I VAR. CR.
PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CR.
PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
ART: INTEGRATED STUDIO ARTS

SPL TOP PRINTMAKING ARTIS 590K VAR. CR. PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT. MATERIALS AND PROFESSIONAL SUPPORT FEE $60.00 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL. ******** See Dept for Reference Numbers.

SPECIAL TOPICS WOOD ARTIS 590L VAR. CR. PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT. MATERIALS AND PROFESSIONAL SUPPORT FEE $35.00 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL. ******** See Dept for Reference Numbers.

ART: INTERIOR DESIGN

INT DSGN INTERNSHIP ARTID 460 3 CR. PREREQ: COMPLETION OF 350, 365, 461 1846005 A ARRANGED. SECT A: MAY 18 - AUG 7

INDEPENDENT STUDY ARTID 490 1 - 6 CR. 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. CR. PREREQ: BACHELOR'S DEGREE IN INTERIOR DSGN OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT. ******** See Dept for Reference Numbers.

ADVANCED TOPICS ARTID 690 VAR. CR. PREREQ: MFA CLASSIFICATION, PERMISSION OF INSTR. 8389005 ARRANGED, MAY 18 - AUG 7

RESEARCH: THESIS ARTID 699A VAR. CR. 8389005 ARRANGED, MAY 18 - AUG 7

RESEARCH: THESIS-EXH ARTID 699B VAR. CR. 8389005 ARRANGED, MAY 18 - AUG 7

ASTRONOMY & ASTROPHYSICS

EVENING STAR ASTRO 103 1 CR. STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION 8260005 ARRANGED JUNE 15 - AUG 7 DELIVERY IS WWW

SKY & SOLAR SYSTEM ASTRO 120 3 CR. STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION 1951005 MTWRF 8:40-9:40 R 8:40-9:40 SECT 1: JUNE 15 - AUG 7

INDEPENDENT STUDY ASTRO 290 1 - 4 CR. PREREQ: PERMISSION OF INSTRUCTOR. ******** See Dept for Reference Numbers.

UNDERGRAD RESEARCH ASTRO 450 1 - 6 CR. PREREQ: PERMISSION OF INSTRUCTOR. ******** See Dept for Reference Numbers.

UNDERGRAD RESEARCH ASTRO 450L 1 - 6 CR. PREREQ: 344L AND PERMISSION OF INSTRUCTOR. ******** See Dept for Reference Numbers.

INDEPENDENT STUDY ASTRO 490 1 - 4 CR. PREREQ: PERMISSION OF INSTRUCTOR. NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE APPLIED TOWARD GRADUATION. ******** See Dept for Reference Numbers.

SPECIAL TOPICS ASTRO 590 VAR. CR. ******** See Dept for Reference Numbers.

CREATIVE COMPONENT ASTRO 599 VAR. CR. PREREQ: PERMISSION OF INSTRUCTOR. ******** See Dept for Reference Numbers.

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

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

SURVEY OF BIOCHEM BBMB 301 3 CR. PREREQ: CHEM 231 OR 331. 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 MAY 18 - JULY 10

INDEPENDENT STUDY BBMB 490 VAR. CR. PREREQ: INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE: JUNIOR OR SENIOR CLASSIFICATION. STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 9 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.
**BIOCHEM, BIOPHYSICS & MOLECULAR BIO**

**INDEP STUDY HONORS**  
BBMB 490H VAR. CR.  
**PREREQ:** MEMBERSHIP IN UNIV HONORS PROGRAM  
INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE: JUNIOR OR SENIOR CLASSIFICATION  
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.  

**UNDERGRAD RESEARCH**  
BBMB 499 1-5 CR.  
**PREREQ:** PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK  

**INTRO DNA TECHNIQS**  
BBMB 542A 1 CR.  
SATISFACTORY-FAIL ONLY.  
**PREREQ:** GRADUATE CLASSIFICATION  
JUNE 15-30

**INTR PROTEIN TECHNQ**  
BBMB 542B 1 CR.  
SATISFACTORY-FAIL ONLY.  
**PREREQ:** GRADUATE CLASSIFICATION  
JUNE 15-30

**BDM INDEPENDENT STUDY**  
BCB 490 1-5 CR.  
**PREREQ:** PERMISSION OF INSTRUCTOR  
**DEPT:** SEE DEPT FOR REFERENCE NUMBERS

**BIOINFORMATICS & COMPUTATIONAL BIOL-UG**

**INDEP STUDY**  
BCBIO 490 1-5 CR.  
**PREREQ:** BCBIO 211, JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR  
STUDENTS IN THE LAS COLLEGE MAY USE NO MORE THAN 9 CREDITS OF BCBIO 490 OR 491 TOWARD GRADUATION  

**ILLUSTRATION INTERN**  
BCB 497 1-6 CR.  
SATISFACTORY-FAIL ONLY.  
**PREREQ:** JR OR SR CLASSIFICATION IN BPM, WRITTEN APPROVAL OF SUPERVISING INSTR & ADVISORY COMM CHAIR  
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  

**BIOLOGY**

**INTRODUCTORY BIOL**  
BIOL 101 3 CR.  
CREDIT FOR EITHER BIOL 101 OR BIOL 211/201, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  

**HUMAN BIOLOGY**  
BIOL 155 3 CR.  
**PREREQ:** HS BIOLOGY & CHEMISTRY OR BIOL 101  

**FIELD BOTANY**  
BIOL 165 2 CR.  
**FEE:** $10.00

**BIOINFORMATICS AND COMPUTATIONAL BIOL**

**INTR PROTEIN TECHNQ**  
BCB 542B 1 CR.  
SATISFACTORY-FAIL ONLY.  
**PREREQ:** GRADUATE CLASSIFICATION  
MTRF 1:00-2:00  
MTRF 2:00-4:00  
JUNE 6-21

**SPECIAL TOPICS**  
BCB 590 VAR. CR.  
**PREREQ:** PERMISSION OF INSTRUCTOR  
ARRANGED, MAY 18-AUG 7

**SYSTEMS BIOL SYMPOS**  
BCB 593A 1 CR.  
ARRANGED  
JUNE 11-14 & ARR. WORKSHOP FEE APPLIES

**RESEARCH**  
BCB 699 VAR. CR.  
**DEPT:** SEE DEPT FOR REFERENCE NUMBERS

**BIOLOGICAL/PRE-MEDICAL ILLUSTRATION**

**INDEPENDENT STUDY**  
BPM I 490 1-3 CR.  
**PREREQ:** WRITTEN APPROVAL OF INSTR & ADVISORY COMM CHAIR ON REQ’D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  

**ILLUSTRATION ROTAT**  
BPM I 497 1-6 CR.  
SATISFACTORY-FAIL ONLY.  
**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  

**SYLLABUS:**  
http://project.bio.iastate.edu

**HUMAN BIOLOGY**  
BIOL 155 3 CR.  
**PREREQ:** HS BIOLOGY & CHEMISTRY OR BIOL 101  

**FIELD BOTANY**  
BIOL 165 2 CR.  
**FEE:** $10.00

**DELIVERY:** WWW  
SECTION INFO:  
http://project.bio.iastate.edu

**HUMAN BIOLOGY**  
BIOL 155 3 CR.  
**PREREQ:** HS BIOLOGY & CHEMISTRY OR BIOL 101  

**FIELD BOTANY**  
BIOL 165 2 CR.  
**FEE:** $10.00

**DELIVERY:** WWW  
SECTION INFO:  
http://project.bio.iastate.edu
BIOL/ENV S 173 DOES NOT COUNT TOWARD CREDITS REQUIRED IN A BIOLOGY MAJOR

PREREQ: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR CREDIT OR ENROLLMENT IN CHEM 163 OR 177 CREDIT FOR EITHER BIOL 101 OR BIOL 211, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

PREREQ: 211, 212 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIO 313L/301, GEN/BIO 313/301L, GEN/AGRON 320 MATERIALS AND FIELD TRIPS & TRAVEL FEE $55.00

PREREQ: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PREREQ: PERMISSION OF INSTRUCTOR

PREREQ: PERMISSION OF INSTRUCTOR

PREREQ: 8 CR IN BIOL & PERMISSION OF INSTRUCTOR

PREREQ: PERMISSION OF INSTRUCTOR, HONORS PROG MEMBERSHIP COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY

PREREQ: PERMISSION OF INSTRUCTOR

PREREQ: PERMISSION OF INSTRUCTOR

PREREQ: PERMISSION OF INSTRUCTOR

PREREQ: PERMISSION OF INSTRUCTOR

PREREQ: PERMISSION OF INSTRUCTOR

PREREQ: PERMISSION OF INSTRUCTOR
**BIOMEDICAL SCIENCES**

ADV TOPICS ANATOMY  B M S 690A  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC PHYSIOLOGY  B M S 690B  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC PHARMACOL  B M S 690C  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******     SEE DEPT FOR REFERENCE NUMBERS

SEMINAR  B M S 698B     1 CR.
SATISFACTORY-FAIL ONLY.
6995005     ARRANGED
MAY 18-JULY 10

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

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

RESRCH PHARMACOLOGY  B M S 699C VAR.  CR.
******     SEE DEPT FOR REFERENCE NUMBERS

**BIORENEWABLE RESOURCES & TECHNOLOGY**

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

BIORENEW RSOURC LAB  BRT 591L     1 CR.
PREREQ: PERMISSION OF STUDENT'S MAJOR PROFESSOR
******     SEE DEPT FOR REFERENCE NUMBERS

BIORENEWB INTERNSHP  BRT 597X  1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MAJOR IN BRT
8038005     ARRANGED, MAY 18-AUG 7

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

**BUSINESS ADMINISTRATION**

EXP DOMESTC INTERN  BUSAD 291A  1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6723010 MB ARRANGED
SECT MB: MAY 18-AUG 7
6723015 RP ARRANGED
SECT RP: MAY 18-AUG 7
6723020 TC ARRANGED
SECT TC: MAY 18-AUG 7

EXP INT'L TRAVEL  BUSAD 291D  1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
7510800 SP ARRANGED
SMITH
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN.'ISU ON THE MEDITERRANEAN SUMMER IN VALENCIA, SPAIN' SUMMER 2009

COOPERATIVE EDUC  BUSAD 398 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT
6147005     ARRANGED, MAY 18-AUG 7
PERMISSION OF COORDINATOR REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

IND STDY ENTREPRENR  BUSAD 490E  3 CR.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
3635005     ARRANGED, MAY 18-AUG 7

INDEPENDENT STUDY  BUSAD 490G  1- 3 CR.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
3634005     ARRANGED, MAY 18-AUG 7

INDEP STUDY HONORS  BUSAD 490H  1- 3 CR.
PREREQ: ADMISSION TO THE BUSINESS HONORS PROGRAM.
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******     SEE DEPT FOR REFERENCE NUMBERS

EXP DOMESTC INTERNS  BUSAD 491A  1- 3 CR.
SATISFACTORY-FAIL ONLY.
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.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6722010 MB ARRANGED
SECT MB: MAY 18-AUG 7
6722015 RP ARRANGED
SECT RP: MAY 18-AUG 7
6722020 TC ARRANGED
SECT TC: MAY 18-AUG 7

EXP INT'L INTERNSHP  BUSAD 491B  1- 3 CR.
SATISFACTORY-FAIL ONLY.
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.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
7512005 MB ARRANGED
SECT MB: MAY 18-AUG 7
7512010 RP ARRANGED
SECT RP: MAY 18-AUG 7
7512015 TC ARRANGED
SECT TC: MAY 18-AUG 7
BUSINESS ADMINISTRATION

EXP INT'L TRAVEL&ST  BUSAD 491D  1- 3 CR.
Satisfactory-Fail only.
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. Course only offered for 3 credits Summer 2009.
Department permission required; process approved add slip in 10 Alumni Hall.

SATISFACTORY-FAIL ONLY.
7514800 SP ARRANGED
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. 'ISU ON THE MEDITERRANEAN SUMMER IN VALENCIA, SPAIN' SUMMER 2009

EXPERIENTIAL LEARRNG  BUSAD 491E  1- 3 CR.
Satisfactory-Fail only.
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. Permission of college required to add during 1st week; go to 1200 Gerdin.

7515320 KP ARRANGED
SECT KP: MAY 18-AUG 7

PRO EXPERIENLT LRNG  BUSAD 591  1- 3 CR.
Prereq: Graduate standing; written approval of supervising instructor and department chair on required form prior to the learning experience.

7533015 DK ARRANGED
SECT DK: MAY 18-AUG 7
PROCESS
Approved add slip in 10 Alumni Hall.

7533005 HV ARRANGED
SECT HV: MAY 18-AUG 7
SEC HV OFFERED FOR 3 CREDITS DEPARTMENT PERMISSION REQUIRED;
PROCESS
Approved add slip in 10 Alumni Hall.

7533010 JM ARRANGED
SECT JM: MAY 18-AUG 7
DEPARTMENT PERMISSION REQUIRED;
PROCESS
Approved add slip in 10 Alumni Hall.

7533025 MP ARRANGED
SECT MP: MAY 18-AUG 7
DEPARTMENT PERMISSION REQUIRED;
PROCESS
Approved add slip in 10 Alumni Hall.

COOPERATIVE EDUCATN  BUSAD 598  R CR.
Satisfactory-Fail only.
Prereq: Permission of instructor.
Instructor permission required; process approved add slip in 10 Alumni Hall.

7906005 ARRANGED, MAY 18-AUG 7

CREATV COMP MANAGMT  BUSAD 599E  3 CR.
Prereq: Grad Classif, permn of Superv Comm Chair restricted to business college graduate students
***** see dept for reference numbers

CREATV COMP MARKTN  BUSAD 599F  3 CR.
Prereq: Grad Classif, permn of Superv Comm Chair restricted to business college graduate students
***** see dept for reference numbers

CRTV CMP LOGIST&SCM  BUSAD 599H  3 CR.
Prereq: Grad Classif, permn of Superv Comm Chair restricted to business college graduate students
***** see dept for reference numbers

CRTV CMP MGT INF SY  BUSAD 599K  3 CR.
Prereq: Grad Classif, permn of Superv Comm Chair restricted to business college graduate students
***** see dept for reference numbers

CREAT COMP OPER&SCM  BUSAD 599L  3 CR.
Prereq: Grad Classif, permn of Superv Comm Chair restricted to business college graduate students
***** see dept for reference numbers

RESEARCH  BUSAD 699  3- 6 CR.
Prereq: Grad Classif, permission of major prof.
Restricted to business college graduate students
***** see dept for reference numbers

CHEMICAL ENGINEERING

COOPERATIVE EDUC  CH E 298  R CR.
Prereq: Permission of department and engineering career services
***** see dept for reference numbers

CHEMICAL ENGR LAB I  CH E 325  2 CR.
Prereq: 357, credit or enrollment in 381.
Materials fee $65.00.
Available for nonmajor graduate credit.
Instructor permission required 1st week; process approved add slip in 10 Alumni Hall.

5699005 A MTWR 9:00-12:00
MTWR 1:00-5:00
SECT A: MAY 18-JUNE 12

F STDY ORIEN IN EUR  CH E 391B  2 CR.
Satisfactory-Fail only.
Credit for graduation allowable only upon completion of CH E 392.
Meets international perspectives reqmt.
Instructor permission required 1st week; process approved add slip in 10 Alumni Hall.

7162800 SP ARRANGED
SECT SP: JUNE 21-JULY 24
SEC SP TAUGHT IN OVIEDO, SPAIN.

INTERNATIONAL SUMMER COURSE IN CHEMICAL ENGINEERING 2009.

FOREIGN STUDY PROG  CH E 392  4 CR.
Prereq: 391A, enrollment in 391B.
Credit for graduation for 391 allowable only upon completion of CH E 392.
Meets international perspectives reqmt.
Instructor permission required 1st week; process approved add slip in 10 Alumni Hall.
CHEMICAL ENGINEERING

SUMMER 2009  Last Updated 01-07-2009

CHEMICAL ENGINEERING 2441800  SP ARRANGED  JOLLS K
SECT SP: JUNE 21-JULY 24
SEC SP TAUGHT IN OVIEDO, SPAIN.

INTERNATIONAL SUMMER COURSE IN CHEMICAL ENGINEERING 2009.

SUMMER INTERNSHIP CH E 396 R CR.
PREREQ: PERMISSION OF DEPARTMENT EACH TIME TAKEN
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
2059005  ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUC CH E 398 R CR.
PREREQ: 298, PERMISSION OF DEPARTMENT EACH TIME TAKEN
******* SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGR LAB II CH E 426 2 CR.
PREREQ: 325, 358, 382
CREDIT FOR CH E 426 OR CH E 427, BUT NOT BOTH,
MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO
CHE E SENIORS GRADUATING SUMMER 2009.
MATERIALS FEE $70.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2448005   A MTWR 9:00-12:00
MTWR 1:00-5:00
SECT A: MAY 18-JUNE 12

INDEPENDENT STUDY CH E 490 1-6 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS CH E 490H 1-6 CR.
PREREQ: MEMBERSHIP IN THE HONORS PROGRAM COURSE
RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATION CH E 498 R CR.
PREREQ: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

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

SP TOP ADV CNTL THY CH E 595B 2-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
2472005  ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT CH E 599 VAR. CR.
2478005  ARRANGED, MAY 18-AUG 7

ENGINEER INTERNSHIP CH E 697 R CR.
PREREQ: PERMISSION OF MAJOR PROF, GRAD CLASSIF 2116005  ARRANGED, MAY 18-AUG 7

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

CHEMISTRY

GENERAL CHEMISTRY CHEM 177 4 CR.
PREREQ: MATH 140 OR H.S. EQUIVALENT AND CHEM 50,
155 OR 1 YR H.S. CHEM AND CR OR ENROLLMENT IN
CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
CREDIT FOR ONLY ONE OF CHEM 163, 165, 167, 177, 201
AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION. ONLY ONE OF CHEM 155, 163, 167, 177, 201
AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2495005 A MTWRF 9:50-10:50
TR 11:00-12:00
SECT A1: MAY 18-JULY 10
SECTION INFO:
http://avogadro.chem.iastate.edu/chem177/
SYLLABUS:
http://avogadro.chem.iastate.edu/chem177/syllabus
2495010 A2 MTWRF 9:50-10:50
TR 11:00-12:00
SECT A2: MAY 18-JULY 10
SECTION INFO:
http://avogadro.chem.iastate.edu/chem177/
SYLLABUS:
http://avogadro.chem.iastate.edu/chem177/syllabus

GENERAL CHEM LAB CHEM 177L 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 177 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.
MATERIALS FEE $33.00
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2496005 A MW 11:00-2:00
SECT A: MAY 18-JULY 10
SECTION INFO:
http://avogadro.chem.iastate.edu/chem177/
SYLLABUS:
http://avogadro.chem.iastate.edu/chem177/syllabus

ELEM ORGANIC CHEM CHEM 231 3 CR.
PREREQ: 163, 163L; CREDIT OR ENROLLMENT IN 231L CREDIT FOR EITHER CHEM 231 OR BBMB 231, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231 (AND 231L) OR CHEM 331 (AND 331L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT
FOR CHEM 231 (AND 231L) OR CHEM 331 (AND 331L),
2504005 MTWRF 8:40-9:40
MAY 18-JULY 10
SECTION INFO:
http://avogadro.chem.iastate.edu/chem231/
SYLLABUS:
http://avogadro.chem.iastate.edu/chem231/syllabus

ELEM ORGNC CHEM LAB CHEM 231L 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 231; 163L CREDIT FOR EITHER CHEM 331L OR CHEM 231L,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
MATERIALS FEE $40.00
http://avogadro.chem.iastate.edu/chem231/
SYLLABUS:
http://avogadro.chem.iastate.edu/chem231/syllabus
CHEMISTRY

FRESH&SOPH RESEARCH CHEM 299 VAR. CR. PREREQ: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK

UNDERGRAD RESEARCH CHEM 399 VAR. CR. PREREQ: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARDS GRADUATION

INDEPENDENT STUDY CHEM 490 VAR. CR. PREREQ: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARDS GRADUATION

NONTHESIS RESEARCH CHEM 599 VAR. CR. PREREQ: PERMISSION OF INSTRUCTOR CONCERNED

SEMINR INORGNC CHEM CHEM 600 1 CR. PREREQ: PERMISSION OF INSTRUCTOR

RESEARCH CHEM 699 VAR. CR. PREREQ: PERMISSION OF INSTRUCTOR

CIVIL ENGINEERING

COOPERATIVE EDUC C E 298 R CR. SATISFACTORY-FAIL ONLY. PREREQ: PERMISSION OF DEPT & ENGR CAREER SERVICES

STRUCTURAL ANALYS I C E 332 3 CR. PREREQ: E M 324 AVAILABLE FOR NONMAJOR GRADUATE CREDIT. 2285005 1 MWF 7:30-8:30 TR 7:30-9:40 SECT 1: MAY 18-JULY 10

STRUCT STEEL DSN I C E 333 3 CR. PREREQ: 332, E M 327 AVAILABLE FOR NONMAJOR GRADUATE CREDIT. 2286005 1 MTR 9:50-10:50 WF 8:40-10:50 SECT 1: MAY 18-JULY 10

CIVIL ENGINEERING

REIN CONCRETE DSN I C E 334 3 CR. PREREQ: 332, E M 327 AVAILABLE FOR NONMAJOR GRADUATE CREDIT. 2287005 1 MWF 7:30-8:30 TR 7:30-9:40 SECT 1: MAY 18-JULY 10

SUMMER INTERNSHIP C E 396 R CR. SATISFACTORY-FAIL ONLY. PREREQ: PERMISSION OF DEPT & ENGR CAREER SERVICES; COMPLETION OF 2 TERMS IN RESIDENCE IN CIVIL ENGR, EMPLOYMENT IN CIVIL ENGR OR RELATED FIELD PERMISSION OF ADVISE & CAREER SERVICES REQUIRED; COLLEGE WILL REGISTER STUDENT 3639005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUC C E 398 R CR. SATISFACTORY-FAIL ONLY. PREREQ: 298, PERMISSION OF DEPARTMENT AND ENGR CAREER SERVICES

INDEPENDENT STUDY C E 490 1- 3 CR. PREREQ: PERMISSION OF INSTRUCTOR

INDEP STUDY HONORS C E 490H 1- 3 CR. PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY

COOPERATIVE EDUC C E 498 R CR. SATISFACTORY-FAIL ONLY. PREREQ: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

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

SPL TOP ADV BLDG CN C E 594L 1- 3 CR. PREREQ: CON E 322, CON E 340 OR C E 304, AND PERMISSION OF INSTRUCTOR COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009 2186005 TR 9:50-12:40 MAY 18-JULY 10

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

ADVANCED TOPICS C E 690 1- 3 CR. PREREQ: PRE-ENROLLMENT CONTRACT REQUIRED **** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP C E 697 R CR. SATISFACTORY-FAIL ONLY. PREREQ: PERMISSION OF COOP ADVISER, GRAD CLASSIF DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 7416005 ARRANGED, MAY 18-AUG 7
## Summer 2009
Last Updated 01-07-2009

### Civil Engineering

**Research**  
**C E 699 VAR. CR.**  
******* SEE DEPT FOR REFERENCE NUMBERS

### Classical Studies

**Study Abroad Greece**  
**CL ST 395 2-6 CR.**  
**PREREQ: 394**  
**PERMISSION OF INSTRUCTOR REQUIRED TO ADD.**  
**PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.**  
**MEETS INTERNATIONAL PERSPECTIVES REQMT.**  
5120800 GR ARRANGED  
M O O K M  
SECT GR: MAY 11-JUNE 2  
SEC GR TAUGHT IN GREECE (ATHENS, MYCENAE, RHODES, CRETE, THERA)' THE ARCHAEOLOGY OF GREECE' STUDY ABROAD  
SUMMER 2009 OFFERED FOR 3 CREDITS

**Independent Study**  
**CL ST 490 1-6 CR.**  
**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 CR.**  
**MEETS U.S. DIVERSITY REQMT.**  
2612005 A MTWRF 11:00-1:00  
SECT A: JUNE 15-JULY 10

### Communication Studies

**Intro Interpr Comm**  
**COMST 102 3 CR.**  
8105005 1 MTWRF 9:50-11:50  
SECT 1: MAY 18-JUNE 12  
8105010 2 MTWRF 9:00-11:50  
SECT 2: MAY 18-JUNE 5  
**Professnal Commun**  
**COMST 214 3 CR.**  
9183005 MTWRF 12:10-2:10  
MAY 18-JUNE 12  
**Human Commun Thry**  
**COMST 301 3 CR.**  
**PREREQ: 101**  
6593005 MTWRF 2:30-4:30  
MAY 18-JUNE 12  
**Gender & Communictn**  
**COMST 323 3 CR.**  
**PREREQ: SP CM 212**  
**MEETS U.S. DIVERSITY REQMT.**  
**AVAILABLE FOR NONMAJOR GRADUATE CREDIT.**  
3339005 MTWRF 12:10-2:20  
MAY 18-JUNE 12

**Independent Study**  
**COMST 490 1-6 CR.**  
**PREREQ: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL**  
******* SEE DEPT FOR REFERENCE NUMBERS

**Professnal Internship**  
**COMST 499 1-3 CR.**  
**INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL**  
******* SEE DEPT FOR REFERENCE NUMBERS

### Community & Regional Planning

**Practicum**  
**CR P 330 1-3 CR.**  
**SATISFACTORY-FAIL ONLY.**  
**PREREQ: MAJOR IN COMMUNITY AND REGIONAL PLANNING 2386005**  
**ARRANGED, MAY 18-AUG 7**

**Pro Work Experience**  
**CR P 410 R CR.**  
**PREREQ: PERMISSION OF DEPARTMENT CHAIR 2710005**  
**ARRANGED, MAY 18-AUG 7**

**Intro Geog Info Sys**  
**CR P 451 3 CR.**  
**MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$10.00 9410600 XW ARRANGED**  
**JENSEN A**  
**SECT XW: MAY 18-AUG 7**  
**THIS COURSE HAS A DELIVERY FEE OF $100.00 IN**  
**ADDITION TO TUITION**  
**INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL**

**Sustainable Communt**  
**CR P 484 3 CR.**  
**PREREQ: SENIOR CLASSIFICATION**  
**MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$100.00 7041600 XW ARRANGED**  
**CLAPP T**  
**SECT XW: MAY 18-AUG 7**  
**SECTION XW HAS A DELIVERY FEE OF $100.00 IN**  
**ADDITION TO TUITION**  
**INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL**

**Independent Study**  
**CR P 490 1-3 CR.**  
**SATISFACTORY-FAIL ONLY.**  
**PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL**  
******* SEE DEPT FOR REFERENCE NUMBERS

**Indep Study Honors**  
**CR P 490H 1-3 CR.**  
**SATISFACTORY-FAIL ONLY.**  
**PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM. INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL**  
******* SEE DEPT FOR REFERENCE NUMBERS

**Pro Work Experience**  
**CR P 510 R CR.**  
**PREREQ: PERMISSION OF DEPARTMENT CHAIR**  
******* SEE DEPT FOR REFERENCE NUMBERS

**Practicum**  
**CR P 530 1-3 CR.**  
**SATISFACTORY-FAIL ONLY.**  
**PREREQ: GRADUATE CLASSIFICATION IN CR P 2405005**  
**ARRANGED, MAY 18-AUG 7**

**Intro Geog Info Sys**  
**CR P 551 3 CR.**  
**MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$10.00 1985600 XW ARRANGED**  
**SECT XW: MAY 18-AUG 7**  
**THIS COURSE HAS A DELIVERY FEE OF $100.00 IN**  
**ADDITION TO TUITION.**  
**INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL**
COMPUTER ENGINEERING

EMBEDDE SYS I:INTRO CPR E 288 4 CR.
PREREQ: 281, COM S 207 OR 227
3364005 A MTWRF 8:40-9:40
TR 12:10-2:10
SECT A:MAY 18-JULY 10
3364010 B MTWRF 8:40-9:40
MW 9:50-11:50
SECT B:MAY 18-JULY 10

COORDERATIVE EDUCATN CPR E 298 R CR.
PREREQ: PERMSSN OF DEPTMT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP CPR E 396 R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
4360005 ARRANGED, MAY 18-AUG 7

COORDERATIVE EDUCATN CPR E 398 R CR.
PREREQ: 298, PERMSSN OF DEPTMT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CPR E 490 VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN COMPUTER ENGR
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEPENDENT STUDY CPR E 490H VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN COMPUTER ENGR
MEMBERSHIP IN UNIV HONORS PROGRAM
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

COORDERATIVE EDUCATN CPR E 498 R CR.
PREREQ: 398, PERMSSN OF DEPTMT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

ENGINEERING INTERNSHIP CPR E 697 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPT CHAIR AND ENGINEERING CAREER SERVICES, GRADUATE CLASSIFICATION
7420005 ARRANGED, MAY 18-AUG 7
DEPARTMENT PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

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

COMPUTER SCIENCE

COMPUTER APPLICATN S COM S 103 4 CR.
2673005 1 ARRANGED
SECT 1:JUNE 15-AUG 7
DELIVERY IS WWW
SECTION INFO:
http://www.cs.iastate.edu/~cs103w

2673010 2 ARRANGED
SECT 2:JUNE 15-AUG 7
DELIVERY IS WWW
SECTION INFO:
http://www.cs.iastate.edu/~cs103w

2673015 3 ARRANGED
SECT 3:JUNE 15-AUG 7
DELIVERY IS WWW
SECTION INFO:
http://www.cs.iastate.edu/~cs103w

APP COMPUTER PROGRM COM S 107 3 CR.
2674005 A ARRANGED
SECT A:MAY 18-JULY 10
DELIVERY IS WWW

COBOL PROGRAMMING COM S 201 3 CR.
PREREQ: 107 OR 207 OR 227
2675005 A ARRANGED
SECT A:JUNE 15-AUG 7
DELIVERY IS WWW

PROGRAMMING I COM S 207 3 CR.
PREREQ: MATH 150 OR PLACEMENT INTO MATH
140/141/142 OR HIGHER
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
JUNE 15-AUG 7

INTR OBJT ORIEN PRG COM S 227 4 CR.
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
SECT A:MAY 18-JULY 10

INTR DATA STRUCTUR COM S 228 3 CR.
PREREQ: C- OR BETTER IN 227, CREDIT OR ENROLLMENT
IN MATH 165
9238005 A MTWRF 11:00-12:00
MW 2:30-3:30
SECT A:MAY 18-JULY 10

LINUX SYS ESSENTIALS COM S 252 3 CR.
PREREQ: 103 OR 207 OR 227
EQUIPMENT USE FEE $50.00
3087005 A MTWRF 8:40-9:40
MW 12:10-2:10
SECT A:MAY 18-JULY 10

INDEPENDENT STUDY COM S 290 VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2680005 ARRANGED, MAY 18-AUG 7
COMPUTER SCIENCE

DSN&ANALYSIS ALGRTH  COM S 311  3 CR.
PREREQ: 228 WITH C- OR BETTER, 229 OR CPR E 211,
MATH 166, ENGL 250, AND COM S 330 OR CPR E 310
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
SECT A: MAY 18-JULY 10

INTR DATABS MGT SYS  COM S 363  3 CR.
PREREQ: 228 WITH C- OR BETTER, ENGL 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2689005  A MTWRF 12:10-2:10
SECT A: MAY 18-JUNE 26

COOPERATIVE EDUCATN  COM S 398  R CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
2691005  ARRANGED, MAY 18-AUG 7

INDEPENDENT STUDY  COM S 490  VAR.  CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF COM S 490 MAY BE
APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS  COM S 590  VAR.  CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

CMPTR SCI INTERNSHP  COM S 598X  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF COM S DIRECTOR OF GRADUATE
EDUCATION, GRADUATE CLASSIFICATION
5627005  ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT  COM S 599  1- 3 CR.
SATISFACTORY-FAIL ONLY.
*******  SEE DEPT FOR REFERENCE NUMBERS

SEMINAR  COM S 610  VAR.  CR.
SATISFACTORY-FAIL ONLY.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  COM S 699  VAR.  CR.
SATISFACTORY-FAIL ONLY.
PREREQ: APPROVAL OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

COOPERATIVE EDUCATN  CON E 298  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
*******  SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING LAW  CON E 380  3 CR.
PREREQ: JUNIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5102005  1 MTWRF 8:40-9:40
SECT 1: MAY 18-AUG 7

SUMMER INTERNSHIP  CON E 396  R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED;
COLLEGE WILL REGISTER STUDENT
4522005  ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUCATN  CON E 498  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 398, PERMISSION OF DEPT AND ENGINEERING
CAREER SERVICES
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  CON E 490  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN  CON E 498  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 490, PERMISSION OF DEPT AND ENGINEERING
CAREER SERVICES
*******  SEE DEPT FOR REFERENCE NUMBERS

CRIMINAL JUSTICE STUDIES

PHILOSOPHY OF LAW  CJ ST 332  3 CR.
PREREQ: PHIL 201 OR 230
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2578005  MTWRF 9:50-11:10
MAY 18-JUNE 26

CRIM &JUV JUST PRAC  CJ ST 460  3-12 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JR OR SR CLASSIFICATION; PERMISSION
OF CJ ST COORDINATOR; MAJOR OR MINOR IN SOC,
OR CJ ST MINOR
2581005  A ARRANGED
SECT A: MAY 18-AUG 7

CURRICULUM & INSTRUCTION

INTR INSTR TEC PK-6  CI 201  3 CR.
MATERIALS AND EQUIPMENT USE FEE $20.00
3015005  1 MWF 8:40-9:40
TR 8:40-10:40
SECT 1: JUNE 15-AUG 7
CURRICULUM & INSTRUCTION

SOC FOUND AMER EDUC   C I   204      3 CR.
6278005   A MWF 9:50-12:20
SECT A:JUNE 15-JULY 24

RDG&LANG ARTS K-3RD   C I   377      4 CR.
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 MAJORS) OR 468F, SP ED 368, HD FS 343 (ECE MAJORS), ADMISSN TO TEACHER ED PROGRAM.
COURSE RESTRICTED TO EL ED MAJORS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. TAKE CONCURRENTLY WITH 468A, 468C, 448.
2066005   1 MTWR 12:00-3:20
SECT 1:MAY 11-JUNE 11

RDG&LANG ARTS 4TH-6   C I   378      4 CR.
PREREQ: 377; CONCURRENT ENRMLNT IN 449, 468B, 468D
COURSE RESTRICTED TO EL ED MAJORS. TAKE CONCURRENTLY WITH 468D, 378, 468B.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
2078005   1 MTWR 8:00-11:20
SECT 1:MAY 11-JUNE 11

CURRICULUM & INSTRUCTION

TEACHING OF SCIENCE   C I   449      3 CR.
PREREQ: 377, CONCURRENT ENROLLMENT IN 378, 468B.
6292005   A MTWRF 11:00-1:10
SECT A:MAY 18-JUNE 12

CURRICULUM & INSTRUCTION

PRA PRIMRY RDG&LANG   C I   468A      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 201, 377
COURSE RESTRICTED TO EL ED MAJORS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
MUST BE TAKEN CONCURRENTLY WITH 468D, 378, 468B.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
3257005   1 MTWR 9:50-12:00
SECT 1:JUNE 1-26

CURRICULUM & INSTRUCTION

PRINCIPLS SECNDY ED   C I   426      3 CR.
PREREQ: 201, SR CLASSIFICATION, ADMITTED TO TEACHER EDUC PROGRAM
COURSE RESTRICTED TO EL ED MAJORS
CONCURRENT ENROLLMENT IN 415.
RESTRCTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6293005   1 MTWRF 1:20-3:30
SECT 1:JUNE 15-JULY 10

CURRICULUM & INSTRUCTION

PRA RDG&LANG INTMD   C I   468B      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER ED PROGRAM
restricted to EL ED MAJORS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. TAKE CONCURRENTLY WITH 378, 449, 468C.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
3265005   1 MTWR 7:30-12:30
SECT 1:JUNE 11-JULY 2

CURRICULUM & INSTRUCTION

TCHG PRACTICUM MATH   C I   468C      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER ED PROGRAM
COURSE RESTRICTED TO EL ED MAJORS
MUST BE TAKEN CONCURRENTLY WITH 448, 468A, 377.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
3267005   1 MTWR 7:30-12:30
SECT 1:JUNE 11-JULY 2

CURRICULUM & INSTRUCTION

TCHNG CHILDREN MATH   C I   448      3 CR.
PREREQ: MATH 195, 196, CONCURRENT ENROLLMENT IN C I 377, 468A, 468C.
COURSE RESTRICTED TO EL ED MAJORS.
MUST BE TAKEN CONCURRENTLY.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
3268005   1 MTWR 8:40-11:00
SECT 1:MAY 11-JUNE 5
INTRO SCIENCE TEACH  C I  514  2 CR.
PREREQ: BACCALAUREATE DEGREE
8372005  MW 5:30-8:30PM
ARRANGED, MAY 11-29

PRIN SECONDARY EDUC  C I  526  3 CR.
PREREQ: 6 CREDITS IN EDUCATION
7724005  1 MTWRF 1:20-3:30
SECT 1:JUNE 15-JULY 10

ED PSY&SECONDY CLSRM  C I  529  3 CR.
PREREQ: BACHELOR’S DEGREE, ADMISSION INTO A
GRADUATE-LEVEL TEACHER LICENSURE PROGRAM
8674005  1 MWF 8:40-12:20
SECT 1:JUN29-JULY17&27-31

CORRECTIVE READING  C I  552  3 CR.
PREREQ: 378 OR EQUIV; UNDERGRAD STUDENTS MUST
REGISTER CONCURRENTLY FOR SP ED 365, 436;
GRADUATE
3276005  1 MTWR 1:00-4:00
SECT 1:JUNE 1-JULY 24
MEETINGS ON JUNE 1-5,12,19,26 JULY
3276010  2 MTWR 9:00-12:00
SECT 2:JUNE 8-12

TECHNLGY FOR TEACHR  C I  570  2 CR.
PREREQ: C I 201, NON-ENGINEERING MAJOR
5622005  MTWF 8:30-11:30
MTWF 12:30-3:30
JUNE 8-12

SUPVS TUTOR READING  C I  588  3 CR.
PREREQ: GRADUATE STATUS, TEACHING LICENSE AND
CONCURRENT ENROLLMENT IN OR COMPLETION OF ONE
COURSE
CORRECTIVE READING; DIAGNOSIS AND CORRECTION OF
READING PROBLEMS
9245005  1 MTWRF 1:00-4:00
ARRANGED
SECT 1:JUNE 1-JULY 24
MEETINGS ON JUNE 1-5,12,19,26 JULY
10,17,24
9245010  2 MTWRF 9:00-12:00
ARRANGED
SECT 2:JUNE 8-JULY 31
MEETINGS ON JUNE 8-12,19,26 JULY
10,17,24,31
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
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<tr>
<td>SCI TOP CURRICULM</td>
<td>C I 590A 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>SP TOP INSTR TECHNOL</td>
<td>C I 590B 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>SCI TOP SCIENCE EDUC</td>
<td>C I 590C 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>SPL TOPICS SEC EDUC</td>
<td>C I 590D 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>SCI TOP MULTICULT ED</td>
<td>C I 590F 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>SPL TOPICS MATH EDUC</td>
<td>C I 590G 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>SCI TOP ELEM EDUC</td>
<td>C I 590I 1-3 CR.</td>
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<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>SPL TOP FOREIGN LNG</td>
<td>C I 590J 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>SPL TOP LITERACY ED</td>
<td>C I 590M 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>INSTR TECHNOL WKSHP</td>
<td>C I 593B 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>CURRIC THEORY &amp; PRIN</td>
<td>C I 594 3 CR.</td>
<td></td>
<td>PREREQ: GRADUATE STANDING</td>
<td>ARRANGED MAY 18-JULY 31 DELIVERY IS WWW</td>
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<td>CRTV COMP CURRICULM</td>
<td>C I 599A 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>CR COMP INSTR TECHNOL</td>
<td>C I 599B 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>CRT COMP SCIENCE EDUC</td>
<td>C I 599C 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>CRTV COMP SECNDR ED</td>
<td>C I 599D 1-3 CR.</td>
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<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>CRTV COMP MATH EDUC</td>
<td>C I 599G 1-3 CR.</td>
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<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
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<td>C I 599I 1-3 CR.</td>
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<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>CRTV COMP EDU PSYCH</td>
<td>C I 599K 1-3 CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>CRTV COMP LITERACY EDUC</td>
<td>C I 599M 1-3 CR.</td>
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<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>SEM FOREIGN LANGUAGE</td>
<td>C I 615J 1 CR.</td>
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<tr>
<td>ADV SPCL TOP CURRIC</td>
<td>C I 690A VAR. CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>ADV SPL TOP INS TCH</td>
<td>C I 690B VAR. CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>ADV SPCL TOP SCI ED</td>
<td>C I 690C VAR. CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>ADV SPCL TOP SEC ED</td>
<td>C I 690D VAR. CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>ADV SPCL TOP MLTICUL</td>
<td>C I 690F VAR. CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>ADV SPL TOP MATH EDUC</td>
<td>C I 690G VAR. CR.</td>
<td></td>
<td>PREREQ: 9 GRADUATE CREDITS IN EDUCATION</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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</tbody>
</table>
**CURRICULUM & INSTRUCTION**

ADV SPL TOP F LANGU C I 690J VAR. CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

RESRCH MULTICULTURL ED C I 699F VAR. CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RESRCH MATH EDUC C I 699G VAR. CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

RESRCH FOREIGN LANG C I 699J VAR. CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

**DANCE**

BALLROOM DANCE I DANCE 160 1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS AND PROFESSIONAL SUPPORT FEE $10.00
2842005 1 MTWRF 8:40-9:40
SECT 1: MAY 18-JUNE 26
SECTION 1 FOR WOMEN ONLY
2842010 2 MTWRF 8:40-9:40
SECT 2: MAY 18-JUNE 26
SECTION 2 FOR MEN ONLY

**DESIGN STUDIES**

HISTORY OF ART II DSN S 281 3 CR.
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
2637005 MWF 9:50-12:00
MAY 18-JULY 10

INTERDIS DSN STUDIO DSN S 446 4-6 CR.
PREREQ: JR CLASSIFICATION IN A CURRICULUM IN THE COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$750.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

TOPIC URBAN DESIGN DSN S 478F 2-3 CR.
PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$300.00
8283800 IT ARRANGED ENGEL M
SECT IT: JUNE 3-JULY 29
SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER ROME PROGRAM

TOPICS IN ART HIST DSN S 498 3 CR.
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
2788005 1 MTWRF 9:50-10:50
SECT 1: MAY 18-JULY 10
SEC 1 TOPIC: SEQUENTIAL ART, COMIC STRIPS,
COMIC BOOKS AND GRAPHIC NOVELS

TOP STDI ARCH&CULTR DSN S 528A 2-3 CR.
PREREQ: ARCH 221, 222 OR SR CLASSIF OR GRAD STANDING
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
FIELD TRIPS & TRAVEL FEE $5.00-$250.00
1716005 1 ARRANGED
SECT 1: MAY 18-JULY 10
SECTION 1 TOPIC: LOS ANGELES ARCHITECTURE
1716010 2 MW 9:00-12:00
SECT 2: MAY 18-JULY 10
SECTION 2 TOPIC: AESTHETICS AND ARCHITECTURE

TOPCL STDI CMMUNCAT DSN S 528C 2-3 CR.
PREREQ: ARCH 221, 222 OR SR CLASSIF OR GRAD STANDING
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
FIELD TRIPS & TRAVEL FEE $5.00-$250.00
1688005 1 TR 9:00-12:00
SECT 1: MAY 18-JULY 10
SECTION 1 TOPIC: SOLAR DECATHLON SEMINAR: CONTESTS AND COMMUNICATIONS
DESIGN STUDIES

INTERDIS DSN STUDIO  DSN S 546  4- 6 CR.
PREREQ: ADMISSION TO A GRADUATE PROGRAM IN THE COLLEGE OF DSGN & INSTRUCTOR PERMISSION
COURSE ONLY OFFERED FOR 4 CREDITS SUMMER 2009 MATERIALS AND FIELD TRIPS & TRAVEL FEE $50.00-$750.00 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 2878800 IT ARRANGED OF
DESIGN SUMMER ROME PROGRAM

TOPIC URBAN DESIGN  DSN S 578F  2- 3 CR.
PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$300.00 8295800 IT ARRANGED OF
DESIGN SUMMER ROME PROGRAM

TOPICS IN ART HIST  DSN S 598  3 CR.
PREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION FIELD TRIPS & TRAVEL FEE $0.00-$15.00
3200005 1 MTRF 9:50-10:50 SEC 1:JUNE 15-JULY 10 SEC 1 TOPIC: SEQUENTIAL ART, COMIC STRIPS, COMIC BOOKS AND GRAPHIC NOVELS

ECOLOGY & EVOLUTIONARY BIOLOGY

SPECIAL TOPICS  EEB 590  1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND INSTR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH  EEB 699 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY, EVOLUTION & ORGANISMAL BIOL

FRESHWATER ALGAE  EEOB 501I  4 CR.
PERMISSION REQUIRED - USE FORM AT HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3855005 MTRF 8:00-5:00 MAY 18-JUNE 12

CONSERVATION BIOLOGY  EEOB 531I  4 CR.
PREREQ: IA LL 312I PERMISSION REQUIRED - USE FORM AT HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
4846005 MTRF 8:00-5:00 JUNE 15-JULY 10

INTRO DNA TECHNIQUES  EEOB 542A  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION 7105005 MTRF 1:00-2:00 MTRF 2:00-4:00 JUNE 15-30

ECOLOGY, EVOLUTION & ORGANISMAL BIOL

INTR PROTEIN TECHNIQ  EEOB 542B  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION 7109005 MTRF 1:00-2:00 MTRF 2:00-4:00 JULY 6-21

ECOL & SYST DIATOMS  EEOB 580I  4 CR.
PERMISSION REQUIRED - USE FORM AT HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3869005 MTRF 8:00-5:00 JUNE 15-JULY 10

SPCL TOPICS ECOLOGY  EEOB 590A  1- 3 CR.
PREREQ: 10 CR IN BIOL, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EVOLUT BIOL  EEOB 590B  1- 3 CR.
PREREQ: 10 CR IN BIOL, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

GRAD IND STDY IA LL  EEOB 590I  1- 4 CR.
PREREQ: 10 CR IN BIOL, INSTRUCTOR PERMISSION
PERMISSION REQUIRED - USE FORM AT HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3981005 ARRANGED

CREATIVE COMPONENT  EEOB 599 VAR. CR.
2145005 ARRANGED, MAY 18-AUG 7

RESEARCH  EEOB 699 VAR. CR.
SATISFACTORY-FAIL ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH - IA LL  EEOB 699I  1- 4 CR.
PERMISSION REQUIRED - USE FORM AT HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
5628005 ARRANGED

ECONOMICS

PRIN MICROECONOMICS  ECON 101  3- 4 CR.
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
3100005 1 MTRF 11:00-12:00
SECT 1:MAY 18-JULY 10
SECTION INFO:
http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
SYLLABUS:
http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

3100010 2 MTRF 11:00-12:00
SECT 2:JUNE 15-AUG 7
SECTION INFO:
http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
SYLLABUS:
http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

PRIN MACROECONOMICS  ECON 102  3 CR.
PREREQ: 101 RECOMMENDED
3099005 1 MTRF 8:40-9:40
SECT 1:MAY 18-JULY 10
SECTION INFO:
http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
ECONOMICS INTERMED MICROECON ECON 301 3- 4 CR.
PREREQ: 101; MATH 160 OR 165
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3101005 1 MTWRF 9:50-10:50
SECTION INFO:
http://www.econ.iastate.edu/programs /course/defaultcourseinfo.asp

INDEPENDENT STUDY ECON 490 1- 5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.
AG 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.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 490H 1- 5 CR.
SATISFACTORY-FAIL ONLY.
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.
RESTRICTED TO UNIVERSITY HONORS PROGRAM STUDENTS
ONLY
******* SEE DEPT FOR REFERENCE NUMBERS

APPL NUMRC METHD EC ECON 509 3 CR.
PREREQ: 500, 501; OR 600, 601
4784005 1 MWF 4:00-6:15PM
R 4:00-6:15PM
SECTION INFO:
WILL ONLY MEET ONE THURSDAY – JUNE 4

BUSINESS ECONOMICS ECON 532 3 CR.
PREREQ: 101 AND ENROLLMENT IN MBA OR BAS PROGRAM;
NOT FOR ECON MAJORS
COURSE RESTRICTED TO MBA STUDENTS ONLY
3128005 1 MTWRF 3-4:00
3128600 1 TR 5:45-9:15PM
SECTION INFO:
TO REGISTER
AT 515-294-818 OR
DLJOHNS@IASTATE.EDU;
DEPARTMENT PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY AMES

SPECIAL TOPICS ECON 590 1- 5 CR.
SATISFACTORY-FAIL ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1- 5 CR.
SATISFACTORY-FAIL ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

SEMINAR IN RESEARCH EADDM 615B 1- 3 CR.
3209005 W 5:30-8:30PM
R 9:30-3:30PM, ARRANGED
MAY 20-JULY 29
MEETINGS ON MAY 20, 27 JUNE
10,11,17,18 JULY 29.
THE ARRANGED TIME REPRESENTS TIME
ON WWW.
WORKSHOP FEE APPLIES

CAREER INDCTN LDRSH EADDM 633X 1 CR.
PREREQ: ALL PRIOR CAS COURSES
8471600 XA RF 8:30-4:00
BOOK M
SECTION INFO:
SECTION XA IS OFF CAMPUS.
DELIVERY IS INDEPENDENT STUDY

DISSERTATN RESEARCH EADDM 699 VAR. CR.
PREREQ: 9 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL LEADERSHIP &
POLICY ST

CAPSTONE EXPERIENCE EL PS 616 3 CR.
PREREQ: 4 CREDITS OF 615
******* SEE DEPT FOR REFERENCE NUMBERS

ELECTRICAL ENGINEERING

ELECTRIC CIRCUITS E E 201 4 CR.
PREREQ: CR OR REGISTRATN IN MATH 267 AND PHYS 222
CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $60.00
2120005 1 MTWRF 1:20-2:20
MW 2:30-4:30
SECTION INFO:
SECTION 1 MAY 18-JULY 10
### ELECTRICAL ENGINEERING

#### ELECTRIC CIRCUITS
- **Code:** EE 201
- **Credits:** 4
- **Meeting Times:**
  - TR 2:30-4:30
  - Sect 2: MAY 18-JULY 10
- **Materials Fee:** $50.00
- **Prerequisites:** EE 201, MATH 267, PHYS 222

#### ELECTRON CIRCTS&SYS
- **Code:** EE 230
- **Credits:** 4
- **Meeting Times:**
  - MTWRF 11:00-12:00
  - MR 1:00-4:00
  - Sect 1: MAY 18-JULY 10
  - Sect 2: MAY 18-JULY 10
- **Materials Fee:** $50.00
- **Prerequisites:** EE 201, MATH 267, PHYS 222

#### COOPERATIVE EDUC
- **Code:** EE 298
- **Credits:** R
- **Prerequisites:** Permission of Department and Engineering Career Services

#### SUMMER INTERNSHIP
- **Code:** EE 396
- **Credits:** R
- **Prerequisites:** Permission of Department and Engineering Career Services

#### INTDISC SYSS EFFECTV
- **Code:** EE 409
- **Credits:** 3
- **Meeting Times:**
  - A MTWRF 8:30-5:30
  - May 11-22
  - Meets 8:30-4:30 May 11-15; Meets 1-5:30 May 18-22

#### MICROELEC FABRICATN
- **Code:** EE 432
- **Credits:** 4
- **Meeting Times:**
  - MTWRF 11:00-12:00
  - MR 1:00-4:00
  - Sect 1: MAY 18-JULY 10
  - Sect 2: MAY 18-JULY 10
- **Materials Fee:** $250.00
- **Prerequisites:** PHYS 222, MATH 267. EE 332 or MAT E 331 Recommended

#### INDEPENDENT STUDY
- **Code:** EE 490
- **Credits:** Variable
- **Prerequisites:** Senior Classification in Electrical Engr
- **Meeting Times:**
  - Sect 1: JUNE 15-AUG 7

#### INDEP STUDY HONORS
- **Code:** EE 490H
- **Credits:** Variable
- **Prerequisites:** Senior Classification in Electrical Engr

#### ENGINEERING INTERNSHIP
- **Code:** EE 697
- **Credits:** R
- **Prerequisites:** Permission of Dept Chair and Engineering Career Services
- **Meeting Times:**
  - Arranged, MAY 18-AUG 7
  - Process: Approved Add Slip in 10 Alumni Hall

#### ENGINEERING

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Code</th>
<th>Credits</th>
<th>Meeting Times</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGINEER PROB W/CPR LAB</td>
<td>ENGR</td>
<td>160</td>
<td>MTWR 11:00-12:50</td>
<td>Prerequisite: Satisfactory scores on math placement exams; Credit or enrollment in math 142, 165</td>
</tr>
</tbody>
</table>
ENGINEERING

SUMMER INTERNSHIP ENGR 396 R CR.
PREREQ: PERMISSION OF ENGR UG PROGRAMS ADVISER
******* SEE DEPT FOR REFERENCE NUMBERS

PROFSSNL INTERNSHIP ENGR 397 R CR.
SATISFACTORY–FAIL ONLY.
PREREQ: PERMISSION OF ADVISER AND ENGINEERING COLLEGE CLASSIFICATION OFFICER
******* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING MECHANICS

STATICS OF ENGINEER E M 274 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN MATH 166; CREDIT OR ENROLLMENT IN PHYS 111 OR 221
3004005 1 MTWR 8:40-9:40
Sect 1: MAY 18–JULY 10
Sectn 1 RESTRICTED TO ENGR COLLEGE MAJORS ONLY

MECHANICS OF MATERIALS E M 324 3 CR.
PREREQ: 274
COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3007005 1 MTWR 9:50-10:50
Sect 1: MAY 18–JULY 10

MECH OF MATERLS LAB E M 327 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3008005 1 TR 11:00-1:00
Sect 1: MAY 18–JULY 10

NEW TO ISU

SUMMER 2009 3008015 3 TR 2:30-4:30
Sect 3: JUNE 23-AUG 6
SECTION 3 RESTRICTED TO C E MAJORS

NEW TO ISU

SUMMER 2009 3010005 1 MTWR 8:40-9:40
Sect 1: MAY 18–JULY 10

MECHANICS OF FLUIDS E M 378 3 CR.
PREREQ: 274
COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3013005 1 MTWR 7:30-8:30
M 1:20-3:20
Sect 1: MAY 18–JULY 10

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

SPL TOPC THIN FILMS E M 590H 1–4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING MECHANICS

SPL TOP CELULR MDIA E M 590I 1–4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 590J 1–4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP ADV EXP MTH E M 690N 1–6 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV MATERLS E M 690P 1–6 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV COMP MTH E M 690Q 1–6 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV WAVE PROP E M 690R 1–6 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RELIAB&FAIL E M 690S 1–6 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING INTERNSHIP E M 697 R CR.
SATISFACTORY–FAIL ONLY.
PREREQ: PERMISSION OF DOGE, GRAD CLASSIFICATION 8134005
ARRANGED, MAY 18–AUG 7

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

INTENSIVE ENGLISH ENGL 10 0 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: RECOMMENDATION OF THE ENGLISH DEPT
DEPARTMENT APPROVAL REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CR.
SATISFACTORY-FAIL ONLY.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CR.
SATISFACTORY-FAIL ONLY.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

ENGLISH NONNATIV II ENGL 101C 3 CR.
PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
VARIOUS SECTIONS DETERMINED BY EXAMINATION
ENGL 101C DOES NOT APPLY TOWARD GRADUATION
3295005  1 MTWR 12:10-2:10
SECT 1:JUNE 15-JULY 16

ENGLISH NONNATIV II ENGL 101D 3 CR.
PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
VARIOUS SECTIONS DETERMINED BY EXAMINATION
ENGL 101D DOES NOT APPLY TOWARD GRADUATION.
3296005  1 MTWR 8:40-9:40
SECT 1:JUNE 15-AUG 7

CRITCL THINK&CMUNIC ENGL 150 3 CR.
PREREQ: CONCURRENT ENROLLMENT IN LIB 160
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
3298005  A MTWRF 8:40-9:40
SECT A:JUNE 15-AUG 7
3298015  B MTWRF 9:50-10:50
SECT B:JUNE 15-AUG 7
3298025  C MWR 1:00-2:20
T 1:00-2:20
SECT C:JUNE 15-AUG 7
SECTION C FOR APEX PROGRAM STUDENTS
ONLY.
MEETS TUESDAY IN ROSS HALL COMPUTER
ROOM.

WRIT, ORAL, EL COMPOS ENGL 250 3 CR.
PREREQ: 150 OR EXEMPTION FROM 150; CREDIT FOR OR
CONCURRENT ENROLLMENT IN LIB 160
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
3299005  A MTWRF 9:50-10:50
SECT A: MAY 18-JULY 10
3299010  B MTWRF 9:50-10:50
SECT B: JUNE 15-AUG 7
3299015  C MTWRF 11:00-12:00
SECT C: JUNE 15-AUG 7
3299020  D MWR 1:00-2:20
T 1:00-2:20
SECT D: JUNE 15-AUG 7
SECTION D FOR APEX PROGRAM STUDENTS
ONLY.
MEETS TUESDAY IN ROSS HALL COMPUTER
ROOM.
ENGLISH

WRITING FOR THE WWW ENGL 313 3 CR.
PREREQ: 250
COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5597005 A MTHRWF 9:50-10:50
SECT A: MAY 18-JULY 10

TECHNICAL COMMUNCTN ENGL 314 3 CR.
PREREQ: 250, JUNIOR CLASSIFICATION
COURSE RESTRICTED TO JUNIORS AND ABOVE.
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB.
3356005 1 MTHRWF 8:40-9:40
SECT 1: MAY 18-JUNE 26
3356010 2 MTHRWF 9:50-10:50
SECT 2: MAY 18-JUNE 26
3356015 3 MTHRWF 9:50-10:50
SECT 3: MAY 18-JUNE 26
3356020 4 MTHRWF 11:00-12:00
SECT 4: MAY 18-JUNE 26
3356025 5 MTHRWF 11:00-12:00
SECT 5: MAY 18-JUNE 26
3356030 6 MTHRWF 12:10-1:10
SECT 6: MAY 18-JUNE 26
3356035 7 MTHRWF 8:40-9:40
SECT 7: JUNE 15-AUG 7
3356040 8 MTHRWF 9:50-10:50
SECT 8: JUNE 15-AUG 7
3356045 9 MTHRWF 11:00-12:00
SECT 9: JUNE 15-AUG 7
3356050 10 TR 6:00-9:00PM
SECT 10: JUNE 15-AUG 7

STUDIES IN FILM ENGL 335 3 CR.
PREREQ: 250
MATERIALS FEE $20.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3322005 A MW 1:20-5:00
SECT A: MAY 18-JUNE 26

WOMEN'S LITERATURE ENGL 340 3 CR.
PREREQ: 250
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3323005 A MTHRWF 11:00-12:00
SECT A: MAY 18-JUNE 26

STU 19TH C AMER LIT ENGL 362 3 CR.
PREREQ: 250; SOPHOMORE CLASSIFICATION
3336005 A MWF 11:00-1:15
SECT A: MAY 18-JUNE 26

STDY&TRAVL LITERATU ENGL 395A VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
MEETS INTERNATIONAL PERSPECTIVES REQMT.
5081800 IR ARRANGED
SECT IR: MAY 14-JUNE 7
SEC IR TAUGHT IN IRELAND; DUBLIN,
SLIGO, DOOLIN,
DINGLE. TITLE: IRISH WRITERS AND WRITING. SUMMER 2009
3353005 A MTHRWF 12:10-1:10
SECT A: JUNE 15-AUG 7

CR WRIT WKSHP FICTN ENGL 404 3 CR.
PREREQ: 304
3354005 A MTHRWF 11:00-12:00
SECT A: JUNE 15-AUG 7

IND STU LITERATURE ENGL 490A VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARDS GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU LANGUAGE ENGL 490B VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARDS GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY RHETORIC ENGL 490C VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARDS GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY CRITICL LIT ENGL 490D VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARDS GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY READING ENGL 490E VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARDS GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY CREATV WRIT ENGL 490F VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARDS GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
ENGLISH

IND STU BUS/TCH CMM ENGL 490G VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ENGL 490H VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

ADV WKSHP ACAD WRIT ENGL 508 3 CR.
PREREQ: 6 GRADUATE CREDITS 5107005 A TR 6:30-9:30PM
SECT A: MAY 18-JULY 10

INTR LINGUIST ANALY ENGL 511 3 CR.
PREREQ: GRADUATE CLASSIFICATION 3395005 A MW 8:40-12:10
SECT A: JUNE 29-AUG 7

SOCIOLINGUISTICS ENGL 514 3 CR.
PREREQ: 511 OR AN INTRODUCTORY LINGUISTICS COURSE 3397005 A TR 1:20-4:50
SECT A: JUNE 29-AUG 7

AMER LIT SINCE 1865 ENGL 534 3 CR.
PREREQ: 6 CREDITS IN LITERATURE 3248005 A TR 6:15-8:45PM
SECT A: MAY 18-JULY 10

WKSHP WRIT LONG PRJ ENGL 553 3 CR.
PREREQ: 550, GRAD CLASSIFICATION. OPEN TO GRAD STUDENTS OUTSIDE CREATIVE WRITING ONLY WITH INSTR PERMISSION.
3265005 A TR 2:30-5:10
SECT A: MAY 18-JULY 10

ENVIRON FIELD EXPER ENGL 560 3 CR.
PREREQ: GRADUATE CLASSIFICATION 8229005 A ARRANGED
SECT A: MAY 18-AUG 7

PRA TCH ENG 2ND LNG ENGL 588 3 CR.
PREREQ: 15 CREDITS TOWARDS TESL/APPLIED LINGUISTICS MASTER'S DEGREE PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$61.50 3426005 A ARRANGED
SECT A: MAY 18-AUG 7

ENGLISH

SPL TOP LITERATURE ENGL 590A VAR. CR.
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. CR.
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. CR.
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. CR.
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. CR.
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. CR.
PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENGL 599 3 CR.
PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
******* SEE DEPT FOR REFERENCE NUMBERS

PRACTCM TEC &LINGUI ENGL 688 3 CR.
PREREQ: 510, 626, OR EQUIV; 2ND YR PH.D. STUDENT 7633005 A ARRANGED
SECT A: MAY 18-AUG 7

RESEARCH ENGL 699 VAR. CR.
PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
******* SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

INTRO TO INSECTS ENT 201 1 CR.
5197005 W ARRANGED
SECT W: MAY 18-JUNE 19 DELIVERY IS WWW

IND STU RESRCH/WORK ENT 490E 1- 3 CR.
PREREQ: 15 CR IN BIOL SCI, JR OR SR CLASSIF NO MORE THAN 6 CREDITS OF 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
ENTOMOLOGY

IND STDY LAB TEACHG ENT 490U 1- 3 CR.
PREREQ: 15 CR IN BIOL SCI, JR OR SR CLASSIF
NO MORE THAN 6 CREDITS OF 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

WKSHP INSECT MANAGE ENT 493 1 CR.
PREREQ: 370,372,376 OR 386
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3227005 ARRANGED, JUNE 22-24
WORKSHOP FEE APPLIES

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

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

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

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

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

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

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

SPL TOP IMMATUR INS ENT 590M 1- 3 CR.
PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POPUL GENET ENT 590N 1- 3 CR.
PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
****** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CR.
5345005 A M 3:40-4:50
SECT A: MAY 18-AUG 7

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

ENVIRONMENTAL SCIENCE

APPRENTICESHIP ENSCI 290 VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
PERMISSION OF COORDINATOR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY ENSCI 312 4 CR.
PREREQ: BIOL 211L AND 212L
MATERIALS AND FIELD TRIPS & TRAVEL FEE $55.00
4996005 A MTWR 9:50-11:05
MW 1:20-4:20
SECT A: MAY 18-JULY 10
4996010 B MTWR 9:50-11:05
TR 1:20-4:20
SECT B: MAY 18-JULY 10

INTERNSHIP ENVI SCI ENSCI 390 VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: APPROVAL OF ENVIRONMENTAL SCI COORDINATOR
****** SEE DEPT FOR REFERENCE NUMBERS

WTRSHED HYDROL&SURF ENSCI 402I 4 CR.
PREREQ: FOUR COURSES IN PHYSICS OR BIOLOGICAL
SCIENCES OR ENGINEERING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
1928005 MTWRF 8:00-5:00
MAY 18-JUNE 3

FIELD METHD HYDROGEOUL ENSCI 409 2 CR.
PREREQ: 402 OR 411 OR C E 473
FIELD TRIPS & TRAVEL FEE $0.00-$130.00
3081005 MTWRF 8:00-5:00
MAY 18-JUNE 3

PRAIRIE ECOLOGY ENSCI 422I 4 CR.
PREREQ: FAMILIARITY WITH BASIC PRINCIPLES IN
BIOLOGICAL SCIENCES AND ECOLOGY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
5041005 MTWRF 8:00-5:00
JUNE 15-JULY 10

INDEPENDENT STUDY ENSCI 490 VAR. CR.
PREREQ: INSTRUCTOR PERMISSION, APPROVAL OF
ENVIRONMENTAL SCIENCE COORDINATOR
****** SEE DEPT FOR REFERENCE NUMBERS

AQUATIC ECOLOGY ENSCI 508I 4 CR.
PREREQ: COURSES IN ECOLOGY, CHEMISTRY AND PHYSICS
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
5043005 MTWRF 8:00-5:00
JUNE 15-JULY 10
ENVIRONMENTAL SCIENCE

FLD METHD HYDROGEOLO  ENSCI 509  2 CR.
PREREQ: GEOL 411 OR C E 473
FIELD TRIPS & TRAVEL FEE  $0.00-$130.00
3095005  MTWRF 8:00-5:00
MAY 18-JUNE 3

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

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

RESEARCH  ENSCI 699 VAR. CR.
******  SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL STUDIES

ENVIRONMNTL GEOLOGY  ENV S 101  3 CR.
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
3418005  MTWRF 9:50-10:50
MAY 18-JUNE 10

ENVIRONMNTL BIOLOGY  ENV S 173  3 CR.
Biol/Env S 173 DOES NOT COUNT TOWARD CREDITS REQUIRED IN A BIOLOGY MAJOR
2022005  A ARRANGED
SECT A: MAY 18-AUG 7
DELIVERY IS WWW
SECTION INFO:
http://project.bio.iastate.edu
SYLLABUS:
http://project.bio.iastate.edu

WORLD FOOD ISSUES  ENV S 342  3 CR.
PREREQ: JUNIOR CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1733005  MTWRF 8:40-10:50
MAY 18-JUNE 12

INTERNSH ENVIR STDI  ENV S 390 VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: APPROVAL OF THE ENV S COORDINATOR DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******  SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  ENV S 490 VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR AND APPROVAL OF ENV S COORDINATOR DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******  SEE DEPT FOR REFERENCE NUMBERS

EXERCISE AND SPORT SCIENCE

SWIMMING I  EX SP 101  1 CR.
SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE $5.00
5660005  1 MTWR 8:40-9:40
SECT 1: JUNE 15-JULY 30
5660010  2 MTWR 9:50-10:50
SECT 2: MAY 18-JULY 2

POCKET BILLIARDS  EX SP 126  1 CR.
EQUIPMENT USE FEE $25.00
5673005  1 MTWR 12:10-1:10
SECT 1: JUNE 15-JULY 30
5673010  2 MTWR 9:50-10:50
SECT 2: MAY 18-JULY 2

BOWLING  EX SP 129  1 CR.
EQUIPMENT USE FEE $25.00
5675005  1 MTWR 11:00-12:00
SECT 1: MAY 18-JULY 7
5675010  2 MTWR 12:10-1:10
SECT 2: JUNE 15-JULY 30

GOLF  SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE $30.00
5678005  1 MTWRF 8:40-9:40
SECT 1: JUNE 15-JULY 30
5678010  2 MTWRF 7:30-8:30
SECT 2: MAY 18-JULY 2

TENNIS  EX SP 158  1 CR.
SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE $10.00
5690005  1 MTWRF 9:50-10:50
SECT 1: MAY 18-JULY 2
5690010  2 MTWRF 11:00-12:00
SECT 2: JUNE 15-JULY 30

WEIGHT TRAINING  EX SP 166  1 CR.
SATISFACTORY-FAIL ONLY.
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: ATH 101, SKILL TECHNIQUE COURSE IN THE SAME SPORT, EX SP 166
EQUIPMENT USE FEE $10.00
5696005  1 MTWRF 8:40-9:40
SECT 1: JUNE 15-JULY 30
5696010  2 MTWRF 12:10-1:10
SECT 2: MAY 18-JULY 2

BASIC ATHLETIC TRAIN  EX SP 220  2 CR.
PREREQ: BIOL 155 OR 255 AND 256 MATERIALS FEE $45.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5729005  1 MTWRF 9:50-11:50
SECT 1: MAY 18-JUNE 12
5729010  2 MTWRF 12:10-1:10
SECT 2: JUNE 15-JULY 30

PHYS FITNESS & COND  EX SP 258  2 CR.
PREREQ: HHP MAJORS ONLY
CREDIT FOR EITHER EX SP 163 OR EX SP 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
RESTRICTED TO C H E, D EXA, D EXH, EX SP, HHP, PDEXA, PDEXH, KIN H MAJORS ONLY.
PROFESSIONAL SUPPORT AND EQUIPMENT USE FEE $10.00
EXERCISE AND SPORT SCIENCE

SUMMER 2009  Last Updated 01-07-2009

EXERCISE AND SPORT SCIENCE

ELEM&PRESCH MVMT ED  EX SP 284  3 CR.
PREREQ: 3 CREDITS IN HUMAN DEVELOPMENT & FAMILY STUDIES
CREDIT FOR EITHER EX SP 275/312 OR EX SP 284, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS AND EQUIPMENT USE FEE $15.00

ELE&PRESCH MVMT ED  EX SP 284  3 CR.
PREREQ: 3 CREDITS IN HUMAN DEVELOPMENT & FAMILY STUDIES
CREDIT FOR EITHER EX SP 275/312 OR EX SP 284, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS AND EQUIPMENT USE FEE $15.00

SECT 1:JUNE 15-JULY 23

YOUTH SPORT INTERN  EX SP 290X  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: HHP MAJOR

SECT 1:JUNE 15-JULY 23

BIOMECHANICS  EX SP 355  3 CR.
PREREQ: PHYS 106 OR 111
MATERIALS AND EQUIPMENT USE FEE $10.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT

SECT 1:JUNE 15-JULY 10

PHYSIOLOGY EXERCISE  EX SP 358  3 CR.
PREREQ: BIOL 255, 255L, 256 AND 256L
MATERIALS AND EQUIPMENT USE FEE $35.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT

SECT 1:JUNE 15-JULY 10

SOC SPORT EXERCISE  EX SP 360  3 CR.
PREREQ: SOC 134 & ONE OF STAT 101, 104 OR 226/326, OR EX SP 470
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SECT 1:JUNE 15-JULY 23

MOTOR CONTRO LIFESP  EX SP 372  3 CR.
PREREQ: PSYCH 101 OR PSYCH 230, BIOL 255
MATERIALS AND EQUIPMENT USE FEE $10.00

SECT 1:JUNE 15-JULY 23

FAMILY & CONSUMER SCIENCES ED & STUDIES

SUPV EXP ED SERVICE  FCEDS 418A  3- 8 CR.
PREREQ: 415, 24 CR IN FAMILY & CONSUMER SCI
RESERVATION REQUIRED. CONTACT DEPARTMENT.

SECT 1:JUNE 15-JULY 23
**FAMILY & CONSUMER SCIENCES EDUC & STUDIES**

**SUPV EXP FCS STUDIE** FCEDS 418B 3-8 CR.
PREREQ: 415, 24 CR IN FAMILY & CONSUMER SCI
RESERVATION REQUIRED. CONTACT DEPARTMENT.
2359005 ARRANGED, MAY 18-AUG 7
INSTRUCTOR PERMISSION REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

**STUDY ABROAD SEMINR** FCEDS 424 1-3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7156800 RW ARRANGED
KEINO L
SEC RW: MAY 12-30
SEC RW TAUGHT IN RWANDA & TANZANIA.

**SUPCL TOP OCCUPATN ED** FCEDS 490F VAR. CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

**CREATIVE COMPONENT** FCEDS 599 VAR. CR.
PREREQ: 9 GRAD CREDITS IN FCSED
******* SEE DEPT FOR REFERENCE NUMBERS

**FINANCE**

**INVESTMENTS** FIN 320 3 CR.
PREREQ: 301
COURSE RESTRICTED TO ACCT, BUS S, BUS U, FIN, LSCM, MGMT, MIS, MKT, OSCM, AG B MAJORS.
NOT OPEN TO P BUS MAJORS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
3690005 A MTWRF 7:30-9:30
SECT A: JUNE 16-AUG 7

**FINANCIAL MKTS&INSTITUT** FIN 330 3 CR.
PREREQ: 301
COURSE RESTRICTED TO FIN MAJORS ONLY
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
6829005 A MTWRF 9:50-11:50
SECT A: MAY 18-JUNE 12

**REAL ESTATE PRINCIP** FIN 371 3 CR.
PREREQ: ECON 101
COURSE RESTRICTED TO FIN MAJORS ONLY
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
3690005 A MTWRF 12:10-2:10
SECT A: JUNE 16-AUG 7

**INDEPENDENT STUDY** FIN 490 1-3 CR.
PREREQ: 301, STAT 326, PERMISSION OF INSTRUCTOR
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

**BANKING INTERNSHIP** FIN 499A 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 330, 445; STAT 326; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR
9403005 ARRANGED, MAY 18-AUG 7
COLLEGE PERMISSION REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN

**INSURANCE INTERNSHP** FIN 499B 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 361; STAT 326; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR
9555005 ARRANGED, MAY 18-AUG 7
COLLEGE PERMISSION REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN

**INTERNS REAL ESTATE** FIN 499C 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 301 PLUS 3 ADDITIONAL CREDITS IN FINANCE;
STAT 326; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR
3098005 ARRANGED, MAY 18-AUG 7
COLLEGE PERMISSION REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN

**INVESTMENTS** FIN 520 3 CR.
PREREQ: 505
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
3704005 A S 8:30-4:30
SECT S: JUNE 27-AUG 8
FINANCE

SPECIAL TOPICS        FIN 590   1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
*******     SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION

FOOD & THE CONSUMER   FS HN 101      3 CR.
PREREQ: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
3659005     MTWF 1:20-2:20
MAY 18-JULY 10

INTRO HUMAN NUTRITION  FS HN 167        3 CR.
PREREQ: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
3600005     MTWR 11:00-12:30
MAY 18-JULY 10

WORLD FOOD ISSUES     FS HN 342        3 CR.
PREREQ: JUNIOR CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1923005     MTWR 11:00-12:30
MAY 18-JUNE 12

FOOD LAWS & REGULATION PROC   FS HN 403       2 CR.
PREREQ: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT
200 LEVEL OR ABOVE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3679005     MTWF 11:00-12:30
MAY 18-JUNE 12

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

INDEPENDENT STUDY FOOD SCI   FS HN 490B      1- 6 CR.
PREREQ: PERMISSION OF INSTRUCTOR
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 CR.
PREREQ: PERMISSION OF INSTRUCTOR
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD GRADUATION
*******     SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS FS HN 490H      1- 6 CR.
PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
UNIVERSITY HONORS PROGRAM
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- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ADVANCE APPROVAL OF INSTRUCTOR, ADVISER
AND DEPARTMENT CHAIR
NO MORE THAN 3 CREDITS OF FS HN 491A B, C MAY BE
APPLIED TOWARD GRADUATION
*******     SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION    FS HN 491C      1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ADVANCE APPROVAL OF INSTRUCTOR, ADVISER
AND DEPARTMENT CHAIR
NO MORE THAN 3 CREDITS OF FS HN 491A B, C MAY BE
APPLIED TOWARD GRADUATION
*******     SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - INTERNATIONAL FS HN 496A      2- 4 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6295805  IN ARRANGED               REDDY M
SECT IN:MAY 15-JUNE 12
SEC IN TAUGHT IN BANGALORE &
KARNATAKA STATE,    INDIA. INTEGRATED AGRICULTURE &
FOOD SYSTEMS:

UNDERGRAD RESEARCH    FS HN 499      1- 6 CR.
PREREQ: PERMISSION OF STAFF MEMBER WITH WHOM
STUDENT PROPOSES TO WORK
NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE
APPLIED TOWARD GRADUATION
*******     SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNOLOGIES FS HN 542A      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7123005     MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 15-30

INTR PROTEIN TECHNOLOGY FS HN 542B      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7124005     MTRF 1:00-2:00
MTRF 2:00-4:00
JULY 6-21

SUPPLEMENTARY TOPICS NUTRITION FS HN 590A      1- 3 CR.
PREREQ: INSTRUCTOR PERMISSION
*******     SEE DEPT FOR REFERENCE NUMBERS

SUPPLEMENTARY TOPICS FOOD SCI   FS HN 590B      1- 3 CR.
PREREQ: INSTRUCTOR PERMISSION
*******     SEE DEPT FOR REFERENCE NUMBERS

SUPPLEMENTARY TOPICS TEACHING FS HN 590C      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

TRAVEL - INTERNATIONAL FS HN 596A      2- 4 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6306805  IN ARRANGED               REDDY M
SECT IN:MAY 15-JUNE 12
SEC IN TAUGHT IN BANGALORE &
KARNATAKA STATE,    INDIA. INTEGRATED AGRICULTURE &
FOOD SYSTEMS:
## FOOD SCIENCE & HUMAN NUTRITION

**Improving Rural Livelihoods, India**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Schedule</th>
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<th>Notes</th>
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<tr>
<td>3213005</td>
<td>Creative Component</td>
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<td>ARRANGED, MAY 18-AUG 7</td>
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<td>3648005</td>
<td>Seminar</td>
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<td>3213005</td>
<td>Special Problems</td>
<td>1</td>
<td>ARRANGED, MAY 18-AUG 7</td>
<td>PREREQ: 502 OR 503 OR 504 OR 553 OR 554</td>
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<tr>
<td>3213005</td>
<td>Research Food Sci &amp; Tec</td>
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## FORESTRY

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<tr>
<td>7928005</td>
<td>Forest Biology Research</td>
<td>1-2</td>
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<td>7931005</td>
<td>Forestry Biometry Research</td>
<td>1-2</td>
<td>ARRANGED, MAY 18-AUG 7</td>
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<td>7932005</td>
<td>Economics Research</td>
<td>1-2</td>
<td>ARRANGED, MAY 18-AUG 7</td>
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<td>7929005</td>
<td>Mgt &amp; Admin Research</td>
<td>1-2</td>
<td>ARRANGED, MAY 18-AUG 7</td>
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<tr>
<td>7930005</td>
<td>Wood Science Research</td>
<td>1-2</td>
<td>ARRANGED, MAY 18-AUG 7</td>
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<tr>
<td>7933005</td>
<td>Plant Physiology Research</td>
<td>1-2</td>
<td>ARRANGED, MAY 18-AUG 7</td>
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## FRENCH

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<tr>
<th>Course Code</th>
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<th>Credits</th>
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<td>3803005</td>
<td>Elementary French I</td>
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<td>1 MTWRF 8:40-11:40</td>
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<td>3820005</td>
<td>Study Abroad</td>
<td>1-10</td>
<td>RG MAY 24-JULY 4</td>
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<td>3810005</td>
<td>Independent Study</td>
<td>1-6</td>
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<td>In French Staff and Dept Chair</td>
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GENETICS

BIOTECK AG, FOOD, HLTH GEN 308 3 CR.
PREREQ: BIOL 211 AND 212
5280005 A ARRANGED
SECT A: JUNE 15-AUG 7
DELIVERY IS WWW
SECTION INFO: http://project.bio.iastate.edu/

PRINCIP OF GENETICS GEN 313 3 CR.
PREREQ: BIOL 211L & 212L
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
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.

GENETICS RESEARCH GEN 490R 1-5 CR.
PREREQ: GEN/BIOI 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
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.

LAB TCHG EXPERIENCE GEN 490U 1-2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GEN/BIOI 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
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.

GENETICS - INTERDISCIPLINARY

SPECIAL TOPICS GENET 590 VAR. CR.

GRAD RESEARCH ROTAT GENET 697 VAR. CR.
9316005 ARRANGED, MAY 18-AUG 7

RESEARCH GENET 699 VAR. CR.

GENETICS, DEVELOPMENT & CELL BIOL

BIOTECK AG, FOOD, HLTH GDCB 508 3 CR.
PREREQ: BIOL 211 AND 212
5342005 ARRANGED
JUNE 15-AUG 7
DELIVERY IS WWW

INTRO DNA TECHNIQS GDCB 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7089005 MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 15-30

GENETICS, DEVELOPMENT & CELL BIOL

INTR PROTEIN TECHNIQ GDCB 542B 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7092005 MTRF 1:00-2:00
MTRF 2:00-4:00
JULY 6-21

SPECIAL TOPICS GDCB 590 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2009

RESEARCH GDCB 699 VAR. CR.
SATISFACTORY-FAIL ONLY.

RESEARCH - I A LL GDCB 699I 1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
PERMISSION REQUIRED - USE FORM AT HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3967005 ARRANGED

GEOLOGY

ENVIRONMNTL GEOLOGY GEOL 101 3 CR.
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
7596005 MTRF 9:50-10:50
MAY 18-JULY 10

INDEPENDENT STUDY GEOL 290 2-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR

SUMMER FIELD STUDY GEOL 302 6 CR.
PREREQ: 102, 356, 368 FIELD TRIPS & TRAVEL FEE $1,175.00-$1,675.00 AVAILABLE FOR NONMAJOR GRADUATE CREDIT. 3981005 1 ARRANGED
SECT 1: MAY 25-JULY 4

FLD METHD HYDROGEOL GEOL 409 2 CR.
PREREQ: 401 OR 411 OR CE 473 FIELD TRIPS & TRAVEL FEE $0.00-$130.00
7671005 MTRF 8:00-5:00
MAY 18-JUNE 3

INDEPENDENT STUDY GEOL 490 1-4 CR.
PREREQ: 6 CR IN GEOLOGY & PERMISSION OF INSTRUCTOR NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE APPLIED TOWARD GRADUATION

FLD METHD HYDROGEOL GEOL 509 2 CR.
PREREQ: 411 OR CE 473 FIELD TRIPS & TRAVEL FEE $0.00-$130.00
9169005 MTRF 8:00-5:00
MAY 18-JUNE 3

SPL TOP SURFIC PROC GEOL 590A 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR

GEOLOGY

SPL TOP STRATIGRAPHY GEOL 590B 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATION GEOL 590C 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLOGY GEOL 590D 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPS PETROLOGY GEOL 590E 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPS HYDROGEOLOGY GEOL 590F 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPS EARTH SCI GEOL 590I 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MINRESOURCES GEOL 590J 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPS TECTONICS GEOL 590L 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPS TECTONICS GEOL 590M 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPS PALEOECO&CLIMATE GEOL 590N 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPS ISOTOPE CHEMISTRY GEOL 590O 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPS COMPUTATIONAL & GIS GEOL 590P 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

SPL TOP SRFC HYDROLOGY GEOL 590R 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

RES SURFICIAL PROCESSES GEOL 699A VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESRESEARCH STRATIGRAPHY GEOL 699B VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESRESEARCH SEDIMENTATION GEOL 699C VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESRESEARCH PALEONTOLOGY GEOL 699D VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESRESEARCH PETROLOGY GEOL 699E VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESRESEARCH STRUCTURAL GEOL GEOL 699F VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESRESEARCH GEOCHEMISTRY GEOL 699G VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESRESEARCH HYDROGEOLOGY GEOL 699H VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESRESEARCH EARTH SCIENCE GEOL 699I VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RES MINERAL RESOURCES GEOL 699J VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESRESEARCH GEOPHYSICS GEOL 699K VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESRESEARCH MINERALOGY GEOL 699L VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RES RESEARCH TECTONICS GEOL 699M VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RES RESEARCH PALEOECO&CLIMATE GEOL 699N VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEMISTRY GEOL 699O VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RES RESEARCH COMPUTATIONAL & GIS GEOL 699P VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RES RESEARCH SURFICIAL HYDROLOGY GEOL 699R VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

GERMAN

ELEMENTARY GERMAN I GER 101 4 CR.
MATERIALS AND EQUIPMENT USE FEE $25.00
3949005 MTWRF 8:40-11:40
MAY 18-JUNE 12
GERMAN

ELEMENTRY GERMAN II   GER   102      4 CR.
PREREQ: 101
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3950005   MTWRF 8:40-11:40
JUNE 15-JULY 10

GERONTOLOGY

AGING & THE FAMILY    GERON 377      3 CR.
PREREQ: HD FS 102
MEETS U.S. DIVERSITY REQMT.
7865005   MTWRF 9:50-12:00
MAY 18-JUNE 12

GERONTL PREPRAC SEM   GERON 466      1 CR.
PREREQ: 9 CR IN CORE COURSES FOR THE GERON MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR
7869005   ARRANGED
MAY 18-JULY 10

GERONTOL PRACTICUM   GERON 467   3- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 466, ADVANCE RESERVATION
7870005   ARRANGED, MAY 18-AUG 7

SEMINAR   GERON 501 VAR. CR.
4831800   FR ARRANGED
SECT FR:JULY 4-17
SEC FR TAUGHT IN FRANCE, NETHERLANDS, GERMANY.
CREDITS SUMMER 2009

SPECIAL TOPICS   GERON 590 VAR. CR.
3059005   ARRANGED, MAY 18-AUG 7

GRADUATE STUDIES

PREP FAC TCHG PRACT   GR ST 587   1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR, 585, CR FOR OR CONCURRENT ENROLLMENT IN 586
7679005   ARRANGED, MAY 18-AUG 7
INSTRUCTOR PERMISSION REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PREP FTR FAC SPL TP   GR ST 588   1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR, 585, CREDIT FOR OR CONCURRENT ENROLLMENT IN 586
8341005   ARRANGED, MAY 18-AUG 7
INSTRUCTOR PERMISSION REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

EXAMINATION ONLY   GR ST 600  R CR.
3972005   ARRANGED, MAY 18-AUG 7

REQUIRED ENROLLMENT   GR ST 601  R CR.
COLLEGE PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
4482005   ARRANGED, MAY 18-AUG 7

HEALTH & HUMAN PERFORMANCE

ADV PHYSIOL EXERC I   HHP   550   3 CR.
PREREQ: 505
5791005   1 MWF 8:40-9:40
ARRANGED
SECT 1:JUNE 15-AUG 7

SPECIAL TOPICS P E   HHP   590A   1- 3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO   HHP   590B   1- 3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL   HHP   590D   1- 3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO   HHP   590E   1- 3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV   HHP   590G   1- 3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS   HHP   590H   1- 3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT   HHP   599   1- 3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS
HEALTH & HUMAN PERFORMANCE

RESEARCH
HHP 699 1-6 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

HEALTH STUDIES

1ST AID & EMERG CARE
H S 105 2 CR.
MATERIALS AND EQUIPMENT USE FEE $10.00
4081005 1 MTWRF 7:30-9:40
SECT 1: MAY 18-JUNE 12
4081010 2 MTWRF 11:00-1:00
SECT 2: JULY 13-AUG 7

PERSON & CONSUMER HLTH
H S 110 3 CR.
4082005 1 MTWRF 9:50-11:50
SECT 1: MAY 18-JUNE 12

HEALTH ED ELEM SCHL
H S 275 3 CR.
PREREQ: HD FS 102 OR 226
CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
4084005 1 MTWRF 9:50-11:50
SECT 1: MAY 18-JUNE 12

TEACH-LEARN HLTH ED
H S 375 3 CR.
PREREQ: 105, 110, 215
CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
4089005 1 MTWRF 9:50-11:50
SECT 1: MAY 18-JUNE 12

FIELD EXPERIENCE
H S 485 1-16 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ALL REQUIRED H S COURSES, PERMISSION OF COORDINATOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
4095005 ARRANGED, MAY 18-AUG 7

INDEPENDENT STUDY
H S 490 1-3 CR.
PREREQ: 6 CR IN H S, PERMISSION OF COORDINATOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

HIGHER EDUCATION

HIGHER EDUC IN U.S.
HG ED 504 3 CR.
PREREQ: GRADUATE CLASSIFICATION
COURSE RESTRICTED TO EL PS MAJORS ONLY
4115005 WRF 8:40-4:40
MAY 24-26 & JULY 15-17

STUDENTS AMER HG ED
HG ED 578 3 CR.
PREREQ: ADMISSION TO HIGHER EDUCATION PROGRAM
7348005 TR 8:40-4:40
MAY 12-28

HIGHER EDUCATION

HIGHER EDUC IN U.S.
HG ED 504 3 CR.
PREREQ: GRADUATE CLASSIFICATION
COURSE RESTRICTED TO EL PS MAJORS ONLY
4115005 WRF 8:40-4:40
MAY 24-26 & JULY 15-17

STUDENTS AMER HG ED
HG ED 578 3 CR.
PREREQ: ADMISSION TO HIGHER EDUCATION PROGRAM
7348005 TR 8:40-4:40
MAY 12-28
**HIGHER EDUCATION**

ADV SPECIAL TOPICS  HG ED 690  1- 4 CR.  
PREREQ: 9 CREDITS IN EDUCATION  
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  HG ED 699  VAR.  CR.  
PREREQ: 9 CREDITS IN EDUCATION  
*******  SEE DEPT FOR REFERENCE NUMBERS

**HISTORICAL, PHILOSOPHICAL & COMP ED**

STUDI FOUND AMER ED  H P C 504  3 CR.  
PREREQ: ADMISSION TO GRADUATE LICENSURE PROGRAM IN TEACHER EDUCATION OR PERMISSION OF INSTRUCTOR  
2604005  TR 9:50-12:20  
JUNE 15-AUG 7

SPCL TOP HIST OF ED  H P C 590A  1- 5 CR.  
PREREQ: 9 CREDITS IN EDUCATION  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHIL OF ED  H P C 590B  1- 5 CR.  
PREREQ: 9 CREDITS IN EDUCATION  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPC COMPAR ED  H P C 590C  1- 5 CR.  
PREREQ: 9 CREDITS IN EDUCATION  
*******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  H P C 599  1- 3 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS  H P C 690  1- 3 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

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

**HISTORY**

INDEPENDENT STUDY  HIST 490  1- 3 CR.  
PREREQ: 9 CREDITS IN HISTORY; PERMISSION OF DEPARTMENT CHAIR  
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; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS  HIST 590  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  HIST 699  1- 6 CR.  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******  SEE DEPT FOR REFERENCE NUMBERS

**HORTICULTURE**

HORT MGT EXPERIENCE  HORT 391  1 CR.  
PREREQ: 221, PERMISSION OF INSTRUCTOR  
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 CR.  
Satisfactory-fail only.  
3652005  ARRANGED, MAY 18-AUG 7

IND ST GREENHS CROP  HORT 490A VAR.  CR.  
PREREQ: SR CLASSIF IN HORT, PERMSSN OF INSTRUCTR  
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.  CR.  
PREREQ: SR CLASSIF IN HORT, PERMSSN OF INSTRUCTR  
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.  CR.  
PREREQ: SR CLASSIF IN HORT, PERMSSN OF INSTRUCTR  
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

IND STU FRUIT CROPS  HORT 490D VAR. CR.
PREREQ: SR CLASSIF IN HORT, PERMISSN OF INSTRUCTOR
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. CR.
PREREQ: SR CLASSIF IN HORT, PERMISSN OF INSTRUCTOR
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-COMMOD  HORT 490F VAR. CR.
PREREQ: SR CLASSIF IN HORT, PERMISSN OF INSTRUCTOR
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. CR.
PREREQ: SR CLASSIF IN HORT, PERMISSN OF INSTRUCTOR
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. CR.
PREREQ: SENIOR CLASSIFICATION 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 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

IND STU SERVC LEARN  HORT 490Z 1-5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
NO MORE THAN 6 CREDITS OF HORT/AGRON 490Z MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
9755800  UG ARRANGED  NONNECKE G
SECT UG: JUNE 6-JULY 10
SEC UG TAUGHT IN UGANDA. TOPIC: CREATING A SCHOOL GARDEN: SERVICE LEARNING IN UGANDA. OFFERED FOR 4 CREDITS SUMMER 2009.

HORTICULTUR WORKSHOP  HORT 493 VAR. CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7617005  ARRANGED, MAY 18-AUG 7

HORTI TRAVEL COURSE  HORT 496 1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
MEETS INTERNATIONAL PERSPECTIVES REQMT.
2433805  IN ARRANGED  REDDY M
SECT IN: MAY 15-JUNE 12
SEC IN TAUGHT IN BANGALORE & KARNATAKA STATE, INDIA. INTEGRATED AGRICULTURE & FOOD SYSTEMS: IMPROVING RURAL LIVELIHOODS, INDIA

HORTICULTURE

INTRO DNA TECHNIQS  HORT 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
3106005  MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 15-30

INTR PROTEIN TECHNQ  HORT 542B 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
3134005  MTRF 1:00-2:00
MTRF 2:00-4:00
JULY 6-21

SPECIAL TOPICS  HORT 590 VAR. CR.
PREREQ: A MAJOR OR MINOR IN HORTICULTURE
********  SEE DEPT FOR REFERENCE NUMBERS

WKSHP GREENHS CROPS  HORT 593A VAR. CR.
4399005  ARRANGED, MAY 18-AUG 7

WKSHP NURSERY CROPS  HORT 593B VAR. CR.
4340005  ARRANGED, MAY 18-AUG 7

WORKSHOP TURFGRASS  HORT 593C VAR. CR.
4341005  ARRANGED, MAY 18-AUG 7

WORKSHOP FRUIT CROPS  HORT 593D VAR. CR.
4342005  ARRANGED, MAY 18-AUG 7

WORKSHOP VEG CROPS  HORT 593E VAR. CR.
4343005  ARRANGED, MAY 18-AUG 7

WKSHP CROSS-COMMOD  HORT 593F VAR. CR.
4344005  ARRANGED, MAY 18-AUG 7

WKSHP LANDSCP HORT  HORT 593G VAR. CR.
4094005  ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT  HORT 599 VAR. CR.
********  SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS  HORT 690 VAR. CR.
4348005  ARRANGED, MAY 18-AUG 7

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

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

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

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

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

RSRCH CROSS-COMMODT HORT 699F VAR. CR. 
******  SEE DEPT FOR REFERENCE NUMBERS
RSRCH LANDSCAP HORT HORT 699G VAR. CR. 
******  SEE DEPT FOR REFERENCE NUMBERS

HOTEL RESTAURANT & INSTITUTION MGMT

MERCHANDISING HRI 275 3 CR. 
PREREQ: T C 111, 131; OR HRI 101, 3 CR IN MATH 
MATERIALS AND FIELD TRIPS & TRAVEL FEE $15.00-$20.00 
6237005 1 MTWRF 12:10-2:10 
SECT 1:JUNE 15-JULY 10

HOSPTLT FINANCIAL MGT HRI 433 3 CR. 
PREREQ: 333; ACCT 284; ECON 101; CREDIT OR ENROLLMENT IN STAT 101 
9349005 1 MTWRF 12:10-2:10 
SECT 1:JULY 13-AUG 7

IND ST HOSPITALITY MGT HRI 490B VAR. CR. 
PREREQ: PROGRAM APPROVAL 
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 
******  SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HRI 490D VAR. CR. 
PREREQ: PROGRAM APPROVAL 
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 
******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HRI 490H VAR. CR. 
PREREQ: PROGRAM APPROVAL, FULL MEMBERSHIP IN HONORS PROGRAM 
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY 
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 
******  SEE DEPT FOR REFERENCE NUMBERS

SEMN HOSPITALITY RSRCH HRI 504A 1 CR. 
5751005 5 8:00-5:00, ARRANGED 
JUNE 20-21 
SUNDAY MEETING WHICH WILL BE 8:00-5:00

SEMN R CURRENT ISSUE HRI 504B 1 CR. 
5758005 5 8:00-5:00, ARRANGED 
JULY 25-26 
SUNDAY MEETING WHICH WILL BE 8:00-5:00

SP TOP HOSPITALITY MGT HRI 590B VAR. CR. 
PREREQ: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND PERMISSION OF INSTRUCTOR 
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 
******  SEE DEPT FOR REFERENCE NUMBERS

HOTEL RESTAURANT & INSTITUTION MGMT

SPL TP FOOD SERV OP HRI 590E VAR. CR. 
PREREQ: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND PERMISSION OF INSTRUCTOR 
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 
******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HRI 599 VAR. CR. 
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 
******  SEE DEPT FOR REFERENCE NUMBERS

PROF WRITING FD&LODG HRI 604 2 CR. 
8484005 MTWRF 6:00-9:00PM 
JUNE 22-26

ADV HR MGT FDSV&LG HRI 638 3 CR. 
PREREQ: 538 
4400005 MTWRF 8:00-5:00 
ARRANGED 
JUNE 28-JULY 3 
THE ARRANGED TIME REPRESENTS THE SUNDAY MEETING WHICH WILL BE 6:00-8:00 P.M.
4400600 XA MTWRF 8:00-5:00 WOHLSDORF-ARENDT 
ARENDT 
SECT XA:JUNE 28-JULY 3 
THE SUNDAY MEETING IS 6:00-8:00 P.M. SECTION XA IS OFF CAMPUS. DELIVERY IS ON-SITE INSTRUCTION TAUGHT IN, AT OR BY AMES

ANALYSIS OF RSRCH FDSV HRI 680 3 CR. 
PREREQ: ENROLLMENT IN PH D PROGRAM 
3498005 MTWRF 8:00-5:00 
ARRANGED, JUNE 14-19 
THE ARRANGED TIME REPRESENTS THE SUNDAY MEETING WHICH WILL BE 6:00-8:00 P.M.

ADV TOP HOSPITALITY MGT HRI 690B VAR. CR. 
PREREQ: ENROLLMENT IN DOCTORAL PROGRAM 
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009 
2664600 XA MTWRF 8:00-5:00 ZHENG T 
ZHENG T 
SECT XA:JUNE 21-26 
THE SUNDAY MEETING IS 6:00-8:00 P.M. SECTION XA IS OFF CAMPUS. DELIVERY IS ON-SITE INSTRUCTION TAUGHT IN, AT OR BY AMES

RESEARCH HRI 699 VAR. CR. 
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 
******  SEE DEPT FOR REFERENCE NUMBERS

HUMAN COMPUTER INTERACTION

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

EMERGING PRACTICES HCI 596X 3 CR. 
PREREQ: 521 
8964005 A W 6:00-9:00PM 
SECT A:JUNE 18-AUG 7
HUMAN COMPUTER INTERACTION

HCI INTERNSHIP  HCI 697X 1–6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISsn
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  HCI 699 VAR. CR.
SATISFACTORY-FAIL ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

ADOLESCENT DEVELOPMENT  HD FS 227 3 CR.
PREREQ: 102 OR PSYCH 101 OR 230
6972005 MTWRF 8:40-10:50
JUNE 30-JULY 27

HUMAN SEXUALITY  HD FS 276 3 CR.
MEETS U.S. DIVERSITY REQMT.
3496005 MTWRF 8:40-11:10
MAY 18-JUNE 12

PERSNL&FAMILY FINANC  HD FS 283 3 CR.
3499005 MTWRF 11:00-1:10
SECT 1: MAY 18-JUNE 12

FLD EXP EARLY CHILD  HD FS 317A 1–6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 343, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY SERV  HD FS 317B 1–6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

FLD EX CARE 5+YR OLD  HD FS 317D 1–6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 226, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP INF/TODDLER  HD FS 317E 1–6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 340, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

FLD EXPRNC RESEARCH  HD FS 317F 1–6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 269, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

FAMILY DIVERSITY ISS  HD FS 349 3 CR.
PREREQ: 9 CR IN SOCIAL SCIENCES INCLUDING 102 OR PSYCH 231
MEETS U.S. DIVERSITY REQMT.
2207005 MTWRF 9:50-12:00
MAY 18-JUNE 26

COMMUNIC FAMILY DEV  HD FS 370 3 CR.
PREREQ: 3 CREDITS IN SOCIAL SCIENCES
3503005 MTWRF 8:40-10:40
MAY 18-JUNE 12

HUMAN DEVELOPMENT & FAMILY STUDIES

AGING & THE FAMILY  HD FS 377 3 CR.
PREREQ: 102
MEETS U.S. DIVERSITY REQMT.
3506005 MTWRF 9:50-12:00
MAY 18-JUNE 12

CHLD, FAM&PUB POLICY  HD FS 395 3 CR.
PREREQ: 6 CREDITS IN SOCIAL SCIENCES
1155005 MTW 8:40-11:05
JUNE 29-AUG 7

IND STU CHILD&FAMILY  HD FS 490A VAR. CR.
PREREQ: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT HOUSING  HD FS 490B VAR. CR.
PREREQ: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU FAMILY FINAN  HD FS 490C VAR. CR.
PREREQ: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU EARLY EDUC  HD FS 490F VAR. CR.
PREREQ: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

IND ST EARLY SPL ED  HD FS 490G VAR. CR.
PREREQ: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU HUM DEV&FAMILY  HD FS 491 4–8 CR.
Satisfactory-Fail Only.
PREREQ: 449; INSTRUCTOR PERMISsn, SENIOR CLASSIF
******* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH  HD FS 499X 1–6 CR.
PREREQ: PERMISSION OF STAFF MEMBER WITH WHOM
STUDENT PROPOSED TO WORK
******* SEE DEPT FOR REFERENCE NUMBERS

SEX THERAPY  HD FS 586 3 CR.
PREREQ: 578 OR 571
7421005 MTWRF 12:10-2:20
MAY 18-JUNE 12

SPCL TOP FAMILY STU  HD FS 590A VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
HUMAN DEVELOPMENT & FAMILY STUDIES

SPL TOPICS HOUSING    HD FS 590B VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMILY FINAN   HD FS 590C VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN DEVEL   HD FS 590D VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CHILD DEVEL   HD FS 590E VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY EDUC    HD FS 590F VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY SP ED   HD FS 590G VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
*******     SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOPICS THERAPY    HD FS 590M VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMILY POLICY  HD FS 590N VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
*******     SEE DEPT FOR REFERENCE NUMBERS

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

INTERNSHIP THERAPY    HD FS 591M VAR.  CR.  
PREREQ: 10 GRAD CREDITS  
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMILY STDI   HD FS 690A VAR.  CR.  
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS HOUSING    HD FS 690B VAR.  CR.  
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMILY FINAN   HD FS 690C VAR.  CR.  
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN DEVEL   HD FS 690D VAR.  CR.  
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CHILD DEVEL   HD FS 690E VAR.  CR.  
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY EDUC    HD FS 690F VAR.  CR.  
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY SP ED   HD FS 690G VAR.  CR.  
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
*******     SEE DEPT FOR REFERENCE NUMBERS

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

ADV TOPICS THERAPY    HD FS 690M VAR.  CR.  
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
*******     SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSHP  HD FS 691A VAR.  CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PERMISSION OF INSTRUCTOR  
*******     SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP   HD FS 691B VAR.  CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PERMISSION OF INSTRUCTOR  
*******     SEE DEPT FOR REFERENCE NUMBERS

FAM THRPY INTERNSHP   HD FS 691C VAR.  CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PERMISSION OF INSTRUCTOR  
*******     SEE DEPT FOR REFERENCE NUMBERS

PRO EXPER INTERNSHP   HD FS 691D VAR.  CR.  
SATISFACTORY-FAIL ONLY.  
*******     SEE DEPT FOR REFERENCE NUMBERS
HUMAN DEVELOPMENT & FAMILY STUDIES

RSRCH FAMILY STUDIE HD FS 699A VAR. CR. SATISFACTORY-FAIL ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HOUSING HD FS 699B VAR. CR. SATISFACTORY-FAIL ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY FINANC HD FS 699C VAR. CR. SATISFACTORY-FAIL ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HUMAN DEV HD FS 699D VAR. CR. SATISFACTORY-FAIL ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CHILD DEV HD FS 699E VAR. CR. SATISFACTORY-FAIL ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CHLDHD ED HD FS 699F VAR. CR. SATISFACTORY-FAIL ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CH SPL ED HD FS 699G VAR. CR. SATISFACTORY-FAIL ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699H VAR. CR. SATISFACTORY-FAIL ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

IMMUNOBIOLOGY

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

INDUSTRIAL ENGINEERING

SUMMER INTERNSHIP I E 396 R CR. SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
PERMISSION OF ADVISOR & CAREER SERVICES REQUIRED; COLLEGE WILL REGISTER STUDENT
5813005 ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUCATN I E 398 R CR. SATISFACTORY-FAIL ONLY.
PREREQ: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
****** SEE DEPT FOR REFERENCE NUMBERS

INTDISCP SYS EFECTV I E 409 3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5998005 A MTWRF 8:30-5:30
SECT A MAY 11-22
MEETS 8:30-4:30 MAY 11-15; MEETS 1-5:30 MAY 18-22

MANUFAC SYSTM ENGR I E 448 3 CR.
PREREQ: 248 OR SIMILAR MANUFACTURING EXPERIENCE AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6090005 MTWRF 8:40-9:40
MAY 18-JULY 10

IND STDY MANUFACTRG I E 490A 1-5 CR. SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU HUMAN FACTR I E 490B 1-5 CR. SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU OPER RESRCH I E 490C 1-5 CR. SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU ENTPRSE CMP I E 490D 1-5 CR. SATISFACTORY-FAIL ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490E 1-5 CR. SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490H 1-5 CR. SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
UNIV HONORS PROGRAM MEMBERSHIP
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
****** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 498 R CR. SATISFACTORY-FAIL ONLY.
PREREQ: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
****** SEE DEPT FOR REFERENCE NUMBERS
INDUSTRIAL ENGINEERING

SPECIAL TOPICS         I E   590   1- 3 CR.
SATISFACTORY-FAIL ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP IND ENGR   I E   599A VAR.  CR.
SATISFACTORY-FAIL ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER RES   I E   599C VAR.  CR.
SATISFACTORY-FAIL ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS       I E   690   1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP   I E   697      R CR.
PREREQ: PERMISSION OF DEPARTMENT
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7999005     ARRANGED, MAY 18-AUG 7

INDUS ENGR RESEARCH   I E   699A VAR.  CR.
SATISFACTORY-FAIL ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS

OPERATIONS RESEARCH   I E   699C VAR.  CR.
SATISFACTORY-FAIL ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS

INFORMATION ASSURANCE

INFO ASSURNC INTERN   INFAS 697      R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT
GRADUATE CLASSIFICATION
8082005     A ARRANGED
SECT A:MAY 18-AUG 7

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT   IGS 599 VAR.  CR.
4480005     ARRANGED, MAY 18-AUG 7

THESIS RESEARCH    IGS 699 VAR.  CR.
4481005     ARRANGED, MAY 18-AUG 7

INTERNATIONAL STUDIES

INTRO INT'L STUDIES   INTST 235      3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
9582005     MTWRF 11:20-3:20
JUNE 15-JULY 10

IOWA LAKESIDE LABORATORY

ECOLOGY             IA LL 312I      4 CR.
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3707005     MTWRF 8:00-5:00
MAY 18-JUNE 12

ORNITHOLOGY          IA LL 326I      4 CR.
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3721005     MTWRF 8:00-5:00
MAY 18-JUNE 12

PLANT TAXONOMY        IA LL 367      4 CR.
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3748005     MTWRF 8:00-5:00
JUNE 15-JULY 10

WTRSHED HYDROL&SURF  IA LL 402I      4 CR.
PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
5798005     MTWRF 8:00-5:00
MAY 18-JUNE 12

PRAIRIE ECOLOGY      IA LL 422I      4 CR.
PREREQ: FAMILIARITY WITH BASIC PRINCIPLES IN BIOLOGICAL SCIENCES AND ECOLOGY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3830005     MTWRF 8:00-5:00
JUNE 15-JULY 10

UG INDEP STDY IA LL IA LL 490I      1- 4 CR.
PREREQ: JR OR SR CLASSIFICATION AND PERMISSION OF INSTRUCTOR
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3984005     ARRANGED

NATUR HIST PRAIRIES  IA LL 493G      1- 2 CR.
COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2009
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
4932005     MTWRF 8:00-5:00
JUNE 15-19

UNDERGRAD RESEARCH IA LL 499      1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF INSTRUCTOR
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3565005     ARRANGED

FRESHWATER ALGAE    IA LL 501I      4 CR.
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3853005     MTWRF 8:00-5:00
MAY 18-JUNE 12

UNDERGRAD INTERNSH IA LL 303I      1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR, SOPH STANDING
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
3683005     ARRANGED
IOWA LAKESIDE LABORATORY

GRADUATE INTERNSHIPS  IA LL 503  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR & GRADUATE STANDING
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN UIOWA.EDU/LAKESIDELAB
3859005   ARRANGED

AQUATIC ECOLOGY  IA LL 508I  4 CR.
PREREQ: COURSES IN ECOLOGY, CHEMISTRY AND PHYSICS
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN UIOWA.EDU/LAKESIDELAB
3860005   MTWRF 8:00-5:00
JUNE 15-JULY 10

CONSERVATION BIOLOGY  IA LL 531I  4 CR.
PREREQ: IA LL 312I
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN UIOWA.EDU/LAKESIDELAB
4845005   MTWRF 8:00-5:00
JUNE 15-JULY 10

ENVIRONMENTAL DATA ANALYSIS  IA LL 532  2 CR.
PREREQ: AN UNDERGRADUATE COURSE IN STATISTICS,
UNDERSTANDING OF BASIC CONCEPTS SUCH AS
CORRELATION AND REGRESSION, AND FAMILIARITY WITH PC-BASED
SOFTWARE FOR DATA ANALYSIS
PERMISSION REQUIRED - USE FORM AT
HTTP://WWW.CONTINUETOLEARN UIOWA.EDU/LAKESIDELAB
8207005   MTWRF 8:00-5:00
JULY 13-24

JOURNALISM & MASS COMMUNICATION

REPORT & WRITING MASS MEDIA  JL MC 201  3 CR.
PREREQ: ENGL 250 (OR TEST) 50 OR HIGHER ON THE ACT ENGLISH EXAM,
SAT VERBAL EXAM OR A PASSING SCORE ON THE SCHOOL'S
ENGLISH USAGE TEST
FOR ADVRT, JL MC, P ADV, P JMC MAJORS ONLY
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4658005   1 MTWR 8:40-10:50
SECT 1: MAY 18-JULY 10
SYLLABUS:
http://www.jlmc.iastate.edu/undergrad/syllabi.htm

LABORATORY PRACTICE IN VISUAL PRINCIPLES  JL MC 342L  3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 342
COURSE RESTRICTED TO ADVRT, JL MC JUNIORS AND SENIORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3838005   1 MTWRF 8:40-10:50
SECT 1: JUNE 15-JULY 10
JOURNALISM & MASS COMMUNICATION

STRATEG OF COMMUNIC JL MC 510 3 CR.
PREREQ: 501 OR EQUIVALENT SOCIAL SCI THEORY
4730005 1 MTWRF 9:50-11:50 LEE S
SECT 1:JULY 13-AUG 7

SP TOP MEDIA STUDIE JL MC 590A VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPECIALZ JL MC 590B VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH MTHD JL MC 590C VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT JL MC 599 VAR. CR.
PREREQ: APPROVED CREDIT COMPONENT PROPOSAL
****** SEE DEPT FOR REFERENCE NUMBERS

THEESIS RESEARCH JL MC 699 VAR. CR.
PREREQ: APPROVED THESIS PROPOSAL
****** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

LAND ARCH INTERNSHP L A 451A R CR.
PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
3036005 1 ARRANGED
SECT 1:MAY 18-AUG 7

L ARCH STUDY ABROAD L A 451B R CR.
PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
6212005 ARRANGED, MAY 18-AUG 7

LA NAT'L STDYT XCHNG L A 451C R CR.
PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
6213005 ARRANGED, MAY 18-AUG 7

TOPIC URBAN DESIGN L A 478F 2- 3 CR.
PREREQ: 371 OR SENIOR OR GRADUATE STANDING
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$0.00-6300.00
3919800 IT ARRANGED ENGLER M
SECT IT:JUNE 3-JULY 29
SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF
DESIGN SUMMER ROME PROGRAM

IND STDY LAND DSIGN L A 490A 1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

IND STDY PLNTNG DSN L A 490B 1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT L A 490C 1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY L A 490D 1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU LANDSC PLAN L A 490E 1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

IND STDY URBAN DSGN L A 490F 1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY GRAPHICS L A 490G 1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

FIELD TRAVEL L A 309 1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ENROLLMENT IN THE PROFESSIONAL PROGRAM
AND PERMISSION OF ADVISOR
FIELD TRIPS & TRAVEL FEE $0.00-8610.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4771800 IT ARRANGED ENGLER M
SECT IT:JUNE 3-30 SEC IT TAUGHT IN ROME, ITALY. COLLEGE
OF
DESIGN SUMMER ROME PROGRAM

URBAN DESIGN L A 402 6 CR.
PREREQ: 302
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$0.00-8610.00
6174800 IT ARRANGED ENGLER M
SECT IT:JUNE 3-JULY 29 SEC IT TAUGHT IN ROME, ITALY. COLLEGE
OF
DESIGN SUMMER ROME PROGRAM
LANDSCAPE ARCHITECTURE

INDEP STUDY HONORS L A 490H 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
MEMBERSHIP RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERDISC L A 490I 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU INT'L STUDI L A 490J 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY CMPTR APPL L A 490K 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ECO DESIGN L A 490L 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOCIAL/BHV L A 490M 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU NATU RESRCE L A 490N 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

TOPIC URBAN DESIGN L A 578F 2-3 CR.
PREREQ: SENIOR OR GRADUATE STANDING
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$0.00-$300.00
4199800 IT ARRANGED
SECT IT: JUNE 3-JULY 29
SEC IT TAUGHT IN ROME, ITALY. COLLEGE
OF
DESIGN SUMMER ROME PROGRAM

THESIS, CRTV CMP,TUT L A 580 1-4 CR.
PREREQ: PERMISSION OF MAJOR PROFESSOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC DSGN L A 590A 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY L A 590D 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSGN L A 590F 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS L A 590G 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS HONORS L A 590H 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A 590I 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPT APPL L A 590K 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
LANDSCAPE ARCHITECTURE

SPL TOPC ECO DESIGN  L A   590L  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BHV L A   590M  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A   590N  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT L A   599   1- 8 CR.
PREREQ: PERMISSION OF MAJOR PROF
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH L A   699   1- 8 CR.
PREREQ: PERMISSION OF MAJOR PROFESSOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

LATIN

ELEMENTARY LATIN I LATIN 101  4 CR.
MATERIALS AND EQUIPMENT USE FEE $25.00
4854005  W ARRANGED
SECT W: MAY 18-AUG 7
DELIVERY IS WWW

ELEMENTARY LATIN II LATIN 102  4 CR.
PREREQ: 101
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4855005  W ARRANGED
SECT W: MAY 18-AUG 7
DELIVERY IS WWW

INDEPENDENT STUDY LATIN 490  1- 6 CR.
PREREQ: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR
NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE
APPLIED TOWARD GRADUATION
PERMISSION OF DEPARTMENT CHAIR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES

SPL PROB CATT CNTR LAS 290G 1- 3 CR.
PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION,
PERMISSION OF THE DIRECTOR OF THE CATT CENTER
PERMISSION OF DIRECTOR OF THE CATT CENTER
REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN
10 ALUMNI HALL.
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 298  R CR.
Satisfactory-Fail only.
PREREQ: PERMISSION OF LAS CAREER SERVICES,
SOPHOMORE CLASSIFICATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 398  R CR.
Satisfactory-Fail only.
PREREQ: PERMISSION OF LAS CAREER SERVICES,
JUNIOR CLASSIFICATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LAS 490A VAR. CR.
PREREQ: PERMISSION OF THE DEAN OF THE LAS COLLEGE
COLLEGE PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDE ENTREPRNSH LAS 490E VAR. CR.
PREREQ: PERMISSION OF THE DEAN OF THE LAS COLLEGE
PERMISSION OF THE DEAN OF LAS REQUIRED TO ADD.
NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED
TOWARD GRADUATION.
COLLEGE PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP CATT CNTR LAS 490G VAR. CR.
PREREQ: PERMISSION OF DIRECTOR OF CATT CENTER
COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2009.
NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED
TOWARD GRADUATION.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 498  R CR.
Satisfactory-Fail only.
PREREQ: PERMISSION OF LAS CAREER SERVICES,
SOPHOMORE CLASSIFICATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LAS 499  1- 4 CR.
PREREQ: PERMISSION OF LAS CAREER SERVICES,
PERMISSION OF LAS ASSOC DEAN ZORA ZIMMERMAN REQ'D
COLLEGE PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES

SPECIAL PROBLEMS LAS 290D  1- 3 CR.
PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION,
PERMISSION OF LAS DEAN
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
LIBRARY

LIB INSTRUCTION LIB 160 .5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: STUDENTS WHOSE NATIVE LANGUAGE IS NOT
ENGLISH MUST COMPLETE ENGLISH 101 REQUIREMENT
4862005 1 MW 11:00-12:00
SECT 1:JUNE 15-JULY 10
4862010 2 TR 1:20-2:20
SECT 2:JUNE 15-JULY 10

LINGUISTICS

BASIC SIGN LANGUAGE LING 286 3 CR.
MEETS U.S. DIVERSITY REQMT.
8597005 A MTWRF 11:00-1:00
SECT A:JUNE 15-JULY 10

INTR SPANISH PHONOLG LING 352 3 CR.
PREREQ: SPAN 301, 303, OR 304
MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3492800 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN.'ISU ON THE
MEDITERRANEAN SUMMER IN VALENCIA, SPAIN' SUMMER 2009

IND STU LINGUI,SMAN LING 490B VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO
THE TOPIC, JR CLASSIFICATION, PERMISSION OF THE
UNDERGRADUATE STUDIES COMMITTEE
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY LING ANTHR LING 490D 1-5 CR.
PREREQ: 9 CREDITS IN ANTHROPOLOGY
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INTR LINGUIST ANALY LING 511 3 CR.
PREREQ: GRADUATE CLASSIFICATION
8616005 A MW 8:40-12:10
SECT A: JUNE 29-AUG 7

SOCIOLINGUISTICS LING 514 3 CR.
PREREQ: 511 OR AN INTRO COURSE IN LING
8619005 A TR 1:20-4:50
SECT A: JUNE 29-AUG 7

PRA TCH ENG 2ND LNG LING 588 3 CR.
PREREQ: 15 CREDITS TOWARD THE TESL/APPLIED
LINGUISTICS MASTER'S DEGREE
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $20.50-$61.50
6550005 A ARRANGED
SECT A: MAY 18-AUG 7

SPL TOP TESL/LINGUI LING 590B VAR. CR.
PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
******* SEE DEPT FOR REFERENCE NUMBERS

LINGUISTICS

PRACTCM TEC & LINGUI LING 688 3 CR.
PREREQ: ENGL 510, 626, OR EQUIVALENT; SECOND-YEAR
PH.D. STUDENT
6574005 A ARRANGED
SECT A: MAY 18-AUG 7

LOGISTICS & SUPPLY CHAIN MGMT

BUSINESS LOGISTICS LSCM 360 3 CR.
PREREQ: ECON 101
COURSE NOT OPEN TO P BUS MAJORS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
6788005 A1 MTWRF 9:50-11:50
SECT A1: MAY 18-JUNE 12
SECTION A1 RESTRICTED TO ACCT, BUS S,
BUS S, 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.
INCLUDES FIN 301 AND
OSCM 320.
6788010 A2 MTWRF 9:50-11:50
SECT A2: MAY 18-JUNE 12
SECTION A2 FOR COLLEGES OTHER THAN
BUSINESS

INDEPENDENT STUDY LSCM 490 1-3 CR.
PREREQ: 360, SENIOR CLASSIF, INSTRUCTOR PERMISSION
COURSE NOT OPEN TO P BUS MAJORS
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT

ENTREPRENRSHP&INNOV MGMT 310 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5318800 SP ARRANGED SMITH R
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN.'ISU ON THE
MEDITERRANEAN SUMMER IN VALENCIA, SPAIN' SUMMER 2009

MANAGMT ORGANIZATNS MGMT 370 3 CR.
PREREQ: ECON 101 OR 102 OR EQUIVALENT
COURSE NOT OPEN TO P BUS MAJORS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5282005 A1 MTWRF 7:30-9:30
SECT A1: MAY 18-JUNE 12
SECTION A1 RESTRICTED TO ACCT, BUS S,
BUS S, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS
ONLY. CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MKT 340
AND LSCM 360 IS RECOMMENDED FOR THIS
ENROLLMENT BLOCK.
NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND
OSCM 320.
5282010 A2 MTWRF 7:30-9:30
SECT A2: MAY 18-JUNE 12
SECTION A2 FOR COLLEGES OTHER THAN
BUSINESS
MANAGEMENT

STRATEGIC MANAGEMENT MGMT 478 3 CR.
PREREQ: 370, OSCM 320, FIN 301, MKT 340, LSCM 360, ACCT 285, GRADUATING SENIOR
COURSE RESTRICTED TO SENIORS GRADUATING SUMMER 2009 IN THE COLLEGE OF BUSINESS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5294005 A MTWRF 9:50-11:50
5294010 B MTWRF 7:30-9:30

INDEPENDENT STUDY MGMT 490 1-3 CR.
PREREQ: 370, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
COURSE NOT OPEN TO GRADUATE STUDENTS
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CORP GOVERN&LEADRSH MGMT 582 3 CR.
PREREQ: 502 OR PERMISSION
8410600 XA MW 5:45-9:15PM SHRADER B
SEC XA:JUNE 29-AUG 5
CONTACT DEBBIE JOHNSON FOR PERMISSION
TO REGISTER
AT 515-294-8118 OR DLJOHNS@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY DES MOINES

SPECIAL TOPICS MGMT 590 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFORMATION SYSTEMS

INDEPENDENT STUDY MIS 490 1-3 CR.
PREREQ: 330, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INFO RESOURCE MGMT MIS 537 3 CR.
PREREQ: 503
REstricted to BUSINESS COLLEGE GRADUATE STUDENTS
2187005 S S 8:30-4:30
SEC S:JUNE 27-AUG 8

TOPICS MGT INFO SYS MIS 539 3 CR.
PREREQ: 503
7953600 XA MW 5:45-9:15PM NILAKANTA S
SEC XA:MAY 11-JUNE 17
CONTACT DEBBIE JOHNSON FOR PERMISSION
TO REGISTER
AT 515-294-8118 OR DLJOHNS@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY DES MOINES

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

RESEARCH MIS 699 3-6 CR.
PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
******* SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRINCIPLES OF MARKETING MKT 340 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN ECON 101
COURSE NOT OPEN TO P BUS MAJORS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5352005 A1 MTWRF 7:30-9:30
5352010 A2 MTWRF 7:30-9:30
SEC A1:JUNE 15-JULY 10
SEC A2:JUNE 15-JULY 10
SECTION A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS
CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MKT 370 & LSCM 360 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND OSCM 320.
5352010 A2 MTWRF 7:30-9:30
SEC A2:JUNE 15-JULY 10
SECTION A2 FOR COLLEGES OTHER THAN BUSINESS

STATEGIC MKTNG MGT MKT 443 3 CR.
PREREQ: 444, 447
COURSE RESTRICTED TO MKT SENIORS GRADUATING SUMMER 2009
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5358005 A MTWRF 9:50-11:50
SEC A:JUNE 15-JULY 10
**MARKETING**

FUND MARKTG RSEARCH MKT 444 3 CR.
PREREQ: 340, STAT 226
COURSE RESTRICTED TO MKT MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5590005 A MTWRF 7:30-9:30
SECT A: MAY 18-JUNE 12

INDEPENDENT STUDY MKT 490 1-3 CR.
PREREQ: 340, STAT 226
COURSE NOT OPEN TO GRADUATE STUDENTS
DEPARTMENT PERMISSN REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

SPECIAL TOPICS MKT 590 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

**MATERIALS ENGINEERING**

PRIN MATRLS SCI&ENG MAT E 272 2 CR.
PREREQ: CHEM 167 OR 177, SOPHOMORE CLASSIFICATION
CREDIT FOR ONLY ONE OF MAT E 211, OR MAT E 272,
OR THE COMBINATION OF MAT E 272 AND 394, OR THE
COMPARISON OF MAT E 392 AND 394 MAY BE APPLIED
TOWARD GRADUATION
6394005 MTWRF 8:40-9:40
MAY 18-JUNE 23

COORDINATED EDUC MAT E 298 R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES

APP MTHDS SUSTNBL E MAT E 389X 3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6472005 ARRANGED
5115005 A1 MAY 18-JUNE 23

SPECIAL TOPICS MAT E 392 3 CR.
SATISFACTORY-FAIL ONLY.
CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: MAT E 211,
MAT E 273X, MAT E 392.
CREDIT FOR ONLY ONE OF
MAT E 211, OR MAT E 272, OR THE COMBINATION
OF MAT E 272 AND 394, OR THE COMPARISON OF MAT E
AND 394 MAY BE APPLIED TOWARD GRADUATION.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
8485800 UK ARRANGED
CHUMBLEY S
SECT UK: JUNE 3-JULY 18
SEC UK TAUGHT AT THE BRUNEL
UNIVERSITY, UXBIDGE, UNITED KINGDOM SUMMER
2009 STUDY

**MATERIALS SCIENCE & ENGINEERING**

TECHNLGY FOR TEACHR M S E 570 2 CR.
PREREQ: C I 201, NON-ENGINEERING MAJOR
8315005 MTWRF 8:30-11:30
MAY 18-JUNE 12

SPECIAL TOPICS M S E 590 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR

ADV TOPICS MATRL SC M S E 690 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR

ENGINEERG INTERNSHP M S E 697 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN
4307005 ARRANGED, MAY 18-AUG 7

RESEARCH M S E 699 VAR. CR.

**MATHEMATICS**

HIGH SCHOOL ALGEBRA MATH 10 0 CR.
SATISFACTORY-FAIL ONLY.
DEVELOPMENTAL MATH FEE APPLIES. SEE FEES INFO AT
HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/FEESINFO.SHTML
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5115005 A1 MTWRF 8:15-9:45
SECT A1: JUNE 15-AUG 7
**MATHEMATICS**

**COLLEGE ALGEBRA**  
MATH 140  3 CR.  
**PREREQ:** SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
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 9:50-11:10  
5132015  W  ARRANGED  
DELIVERY IS WWW  

**TRIGONOMETRY**  
MATH 141  2 CR.  
**PREREQ:** SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLED IN 140  
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 IN GROUP III OF THE GEN ED REQUIREMENTS.  
5133005  A  MTWRF 8:40-9:40  
5133015  B  MTWRF 8:40-9:40  
5133020  C  MTWRF 2:30-4:40  
5133025  D  F 2:30-5:10  
5133030  W  ARRANGED  
DELIVERY IS WWW  

**TRIG&ANALY GEOMETRY**  
MATH 142  3 CR.  
**PREREQ:** SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLMENT IN 140  
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 COLLEGE OF LIBERAL ARTS AND SCIENCES MAY NOT APPLY MATH 142 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.  
5134005  A  MTWRF 8:40-9:40  
5134015  B  MTWRF 8:40-9:40  
5134020  C  MTWRF 2:30-4:40  
5134025  D  F 2:30-5:10  
5134030  W  ARRANGED  
DELIVERY IS WWW  

**DISC MATH BUS&SOC S**  
MATH 150  3 CR.  
**PREREQ:** SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
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 9:50-11:10  
5135010  B  MTWRF 11:00-12:00  
5135015  C  MTWRF 9:50-10:50  
5135020  D  F 2:30-5:10  
S 10:00-12:40  
DELIVERY IS WWW  

**BUS & SOC SCI CALC**  
MATH 151  3 CR.  
**PREREQ:** SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160,165-166,181-182. 6 CR OF MATH 151,181,165 (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN. CREDITS EARNED IN MATH 151 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.  
5136005  A  MTWRF 9:50-10:50  
5136010  B  MTWRF 11:00-12:00  
5136015  C  MTWRF 9:50-10:50  
5136020  D  F 2:30-5:10  
S 10:00-12:40  
DELIVERY IS WWW  

**CALCULUS I**  
MATH 165  4 CR.  
**PREREQ:** SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY OR ENROLLMENT IN 141 OR 142  
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160,165-166,181-182. 6 CREDITS OF MATH 151,165 (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN.  
5138005  A  MTWRF 8:40-10:00  
5138010  B  MTWRF 8:40-10:00  
5138015  C  MTWRF 8:40-10:00  
5138020  D  F 2:30-5:10  
S 10:00-12:40  
DELIVERY IS WWW  

**CALCULUS II**  
MATH 166  4 CR.  
**PREREQ:** GRADE OF C- OR BETTER IN 165, 165H, OR HIGH MATH PLACEMENT SCORES  
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160,165-166,181-182. 6 CREDITS OF MATH 151,165 (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN.  
5139005  A  MTWRF 11:00-12:20  
5139010  B  MTWRF 11:00-12:20  
5139015  C  MTWRF 11:00-12:20  
5139020  D  F 2:30-5:10  
S 10:00-12:40  
DELIVERY IS WWW  

**CALCULUS III**  
MATH 265  4 CR.  
**PREREQ:** GRADE OF C- OR BETTER IN 166 OR 166H  
5151005  A  MTWRF 9:50-11:10  
5151010  B  MTWRF 9:50-11:10  
5151015  C  MTWRF 9:50-11:10  
5151020  D  F 2:30-5:10  
S 10:00-12:40  
DELIVERY IS WWW
MATHEMATICS

ELEM DIFF EQUATNS MATH 266 3 CR.
PREREQ: GRADE OF C- OR BETTER IN 166 OR 166H
CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED
TOWARD GRADUATION.
5152005 A MWF 11:00-12:00
5152010 B MWF 11:00-12:00
SECT A: MAY 18-JULY 10

DIFF EQ & TRANSFMS MATH 267 4 CR.
PREREQ: GRADE OF C- OR BETTER IN 166 OR 166H
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
5153010 B MTWRF 12:10-1:30
SECT B: JUNE 15-AUG 7

INDEPENDENT STUDY MATH 290 1-3 CR.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5156005 ARRANGED, MAY 18-AUG 7

INDEPENDENT STUDY HONORS MATH 290H 1-3 CR.
PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5157005 ARRANGED, MAY 18-AUG 7

MATRICES & LINEAR ALGB MATH 307 3 CR.
PREREQ: 2 SEMESTERS OF CALCULUS
CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5161005 A MWF 9:50-10:50
SECT A: MAY 18-JULY 10

ANALYSIS I MATH 414 3 CR.
PREREQ: 201, 265; AND 307 OR 317
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5171005 MWF 2:30-3:30
SECT A: MAY 18-JULY 10

INDEPENDENT STUDY MATH 490 1-3 CR.
PREREQ: 301 OR 317; 6 CREDITS IN MATH
NO MORE THAN 9 CREDITS OF MATH 490 MAY BE APPLIED
TOWARD GRADUATION
5182005 ARRANGED, MAY 18-AUG 7

INDEPENDENT STUDY HONORS MATH 490H 1-3 CR.
PREREQ: 301 OR 317; 6 CREDITS IN MATH, MEMBERSHIP
IN UNIV HONORS PROGRAM
NO MORE THAN 9 CREDITS OF MATH 490 MAY BE APPLIED
TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5183005 ARRANGED, MAY 18-AUG 7

MATHEMATICS

INTRO REAL ANALYSIS MATH 501 3 CR.
PREREQ: 265 AND 301 OR 317
5194005 MWF 9:50-10:50
SECT A: MAY 18-JULY 10

ED SMNR GEOM & DISCRT MATH 540B 1 CR.
5199005 W 11:00-1:20
SECT B: JUNE 15-JULY 31

DISCRETE MATH & APPLIC MATH 547 4 CR.
PREREQ: ENROLLMENT IN MASTER OF SCHOOL MATH PROGRAM
5742005 MWF 7:30-9:20
SECT B: JUNE 15-JULY 31

INTERMEDIATE GEOMETRY MATH 549 3 CR.
PREREQ: 435 OR EQUIVALENT AND ENROLLMENT IN THE
MASTER OF SCHOOL MATH PROGRAM
9600005 MWF 9:40-11:00
SECT A: MAY 18-JULY 31

CREATIVE COMPONENT MATH 599 VAR. CR.
****** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR MATH 610 VAR. CR.
5231005 ARRANGED, MAY 18-AUG 7

RESEARCH MATH 699 VAR. CR.
****** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

ENGR THERMODYNAMS I M E 231 3 CR.
PREREQ: MATH 265, CHEM 167, PHYS 222
CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT
BOTH, MAY APPLY TOWARD GRADUATION.
4877005 A MWF 9:50-11:10
SECT A: MAY 18-JUNE 26

COOPERATIVE EDUCATION M E 298 4 CR.
PREREQ: PERMISSION OF DEPT CHAIR
****** SEE DEPT FOR REFERENCE NUMBERS

MANUFACTURING ENGR M E 324 4 CR.
PREREQ: 270, M E 272, E M 324
COURSE RESTRICTED TO M E, A E MAJORS ONLY
MATERIALS FEE $15.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6277005 A MWF 7:30-9:30
SECT A: JUNE 29-AUG 7

MACHINE DESIGN M E 325 3 CR.
PREREQ: ENGR 170, M E 324, STAT 305
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6287005 A MWF 7:30-9:30
SECT A: MAY 18-JUNE 26
SECT B: A RESTRICTED TO A E, M E MAJORS ONLY
MECHANICAL ENGINEERING

ENGR THERMODYNMS II  M E  332  3 CR.
PREREQ: 231
COURSE RESTRICTED TO M E MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4878005  1 MTWRF 12:10-1:30
SECT 1:JUNE 29-AUG 7

FLUID FLOW  M E  335  4 CR.
PREREQ: E M 345, MATH 266 OR 267, CREDIT OR
ENROLLMENT IN M E 332 AND 370
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5703005  1 MTWRF 11:00-12:20
TR 2:30-4:55
SECT 1:JUNE 29-JUNE 26

MEASURMTS&INSTRUMTN  M E  370  3 CR.
PREREQ: E E 442, STAT 305
COURSE RESTRICTED TO M E MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4881005  1 MTWRF 1:20-2:15
WF 7:30-10:30
SECT 1:JUNE 29-JUNE 26

APP MTHDS SUSTNL E  M E  389X  3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6471005  ARRANGED
MAY 18-JUNE 26
6471800  ML ARRANGED  BRYDEN K
SECT ML:JUNE 18-JUNE 26

MECHANICAL ENGINEERING

IND STU MEAS&INSTRM M E  490C  1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******  SEE DEPT FOR REFERENCE NUMBERS

IND STU HEAT TRANSF M E  490D  1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******  SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID POWER M E  490E  1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******  SEE DEPT FOR REFERENCE NUMBERS

IND STU MATRLS 4MFG M E  490G  1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STU THERMODYN M E  490J  1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STU FLUID MECH M E  490K  1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STU TURBOMACHIN M E  490L  1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STU NUCL ENGR M E  490M  1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY CAD/CAM M E  490N  1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******  SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E  498  R CR.
PREREQ: 298, PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXP GAS DYN M E  590A  1-8 CR.
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLUID MECH M E  590B  1-8 CR.
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HEAT TRANSF M E  590C  1-8 CR.
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC THERMODYN M E  590D  1-8 CR.
******  SEE DEPT FOR REFERENCE NUMBERS
**MECHANICAL ENGINEERING**

SPL TOP TURBOMACHIN  M E  590E  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP VEHIC PROPL  M E  590F  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV MACH DSN  M E  590G  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AUTO CONTRL  M E  590I  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIR &DSGN  M E  590J  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MATLS BEHAV  M E  590K  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MFG PROCESS  M E  590L  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC TRIBOLOGY  M E  590M  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SENSTV MTHD  M E  590N  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR COMPUT  M E  590O  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR MEASUR  M E  590P  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LIT INVESTG  M E  590Q  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOP CAD/CAM  M E  590S  1- 8 CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

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

ADV TOP TP ADV MACH DSN  M E  690G VAR.  CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AUTO CONTRL  M E  690I VAR.  CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MATLS BEHAV  M E  690K VAR.  CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MFG PROCESS  M E  690L VAR.  CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC TRIBOLOGY  M E  690M VAR.  CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SENSTV MTHD  M E  690N VAR.  CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR COMPUT  M E  690O VAR.  CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR MEASUR  M E  690P VAR.  CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTG  M E  690Q VAR.  CR.  
*******  SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHIP  M E  697  R CR.  
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DIRECTOR OF GRADUATE EDUCATION, GRAD CLASSIFICATION
8151005  ARRANGED, MAY 18-AUG 7

METEOROLOGY

COOPERATIVE EDUCATN  MTEOR 298  R CR.
PREREQ: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
4813005  ARRANGED, MAY 18-AUG 7

METEOROL INTERNSHIP  MTEOR 321  1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 311; JR OR SR STANDING; PERMISSION OF COOP PROGRM COORD; ACCEPTANCE BY SPONSORING AGENCY
5381005  ARRANGED, MAY 18-AUG 7

COOPERATIVE EDUCATN  MTEOR 398  R CR.
PREREQ: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4823005  ARRANGED, MAY 18-AUG 7

OCEANOGRPHY STUDIES  MTEOR 480  1- 8 CR.
4851005  ARRANGED

IND STUDY SYNOPTIC  MTEOR 490A  1- 3 CR.
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION
8424005  ARRANGED, MAY 18-AUG 7
**METEOROLOGY**

**INDEP STUDY DYNAMIC**  
MTEOR 490B  1– 3 CR.  
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION  
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION  
8425005  ARRANGED, MAY 18–AUG 7

**IND STUDY PHYSICAL**  
MTEOR 490C  1– 3 CR.  
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION  
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION  
8426005  ARRANGED, MAY 18–AUG 7

**IND STU INSTRUMENTN**  
MTEOR 490D  1– 3 CR.  
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION  
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION  
1010005  ARRANGED, MAY 18–AUG 7

**IND STUDY HYDROLOGY**  
MTEOR 490E  1– 3 CR.  
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION  
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION  
8668005  ARRANGED, MAY 18–AUG 7

**IND STU CLIMATE/WTR**  
MTEOR 490F  1– 3 CR.  
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION  
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION  
3583005  ARRANGED, MAY 18–AUG 7

**COOPERATIVE EDUCATN**  
MTEOR 498  R CR.  
PREREQ: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
4824005  ARRANGED, MAY 18–AUG 7

**SPL TOP BOUND-LAYER**  
MTEOR 590A  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8427005  ARRANGED, MAY 18–AUG 7

**SPL TOPICS TROPICAL**  
MTEOR 590B  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8429005  ARRANGED, MAY 18–AUG 7

**SPL TOPCS MESOSCALE**  
MTEOR 590C  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8430005  ARRANGED, MAY 18–AUG 7

**SPL TOP GLOBAL SYST**  
MTEOR 590D  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8431005  ARRANGED, MAY 18–AUG 7

**SPL TOPC CLIM MODEL**  
MTEOR 590E  1– 3 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PERMISSION OF INSTRUCTOR  
8432005  ARRANGED, MAY 18–AUG 7

**SPL TOP NUMERI PRED**  
MTEOR 590F  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8433005  ARRANGED, MAY 18–AUG 7

**SPL TOP SATEL OBSRV**  
MTEOR 590G  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8434005  ARRANGED, MAY 18–AUG 7

**SPL TOP STAT METHDS**  
MTEOR 590H  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8435005  ARRANGED, MAY 18–AUG 7

**SPL TOP FIELD OBSRV**  
MTEOR 590I  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8437005  ARRANGED, MAY 18–AUG 7

**SPL TOP LOW FREQ MD**  
MTEOR 590J  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
1230005  ARRANGED, MAY 18–AUG 7

**SPL TOPC CLOUD PHYS**  
MTEOR 590K  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
3901005  ARRANGED, MAY 18–AUG 7

**SPL TOP ATMOS RADIA**  
MTEOR 590L  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
3904005  ARRANGED, MAY 18–AUG 7

**SPL TOPCS HYDROLOGY**  
MTEOR 590M  1– 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
8669005  ARRANGED, MAY 18–AUG 7

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

**MICROBIOLOGY**

**BIOL MICROORGANISMS**  
MICRO 302  3 CR.  
PREREQ: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212; ONE SEMESTER OF CHEMISTRY  
1426005  MTWRF 9:50-10:50  
MAY 18–JULY 10

**INDEPENDENT STUDY**  
MICRO 490  1– 5 CR.  
PREREQ: A MINIMUM OF 6 CR HOURS OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, PERMISSION OF INSTRUCTOR  
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; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL  
********  SEE DEPT FOR REFERENCE NUMBERS

**HONORS INDEP STUDY**  
MICRO 490H  1– 5 CR.  
PREREQ: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, INSTR PERM, MEMBERSHIP IN UNIV HONORS PROGRAM  
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; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL  
********  SEE DEPT FOR REFERENCE NUMBERS
INTERNSHIP MICRO 495 1-2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR
9679005 ARRANGED, MAY 18-AUG 7

SPECIAL TOPICS MICRO 590 1-5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

GRAD RESEARCH ROTAT MICRO 697 VAR. CR.
7161005 ARRANGED, MAY 18-AUG 7

RESEARCH MICRO 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

MILITARY SCIENCE

IND STDY: BASIC MILI M S 290 1-3 CR.
PREREQ: PERMISSION OF THE M S DEPT CHAIR
NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL COURSES MAY BE APPLIED TOWARD GRADUATION
8153005 ARRANGED, MAY 18-JUL 7 STEPHENSON M

IND STDY: ADV MIL ST M S 490 1 CR.
PREREQ: M S 301, 302, 401, 402, PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR
9598005 ARRANGED, MAY 18-JUL 7 STEPHENSON M

MOLECULAR CELLULAR DEV BIOLOGY

GRAD RESEARCH ROTATN MCDB 697 1-6 CR.
SATISFACTORY-FAIL ONLY.
7278005 ARRANGED, MAY 18-JULY 10

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

MUSIC

INTRO MUSIC LISTENI MUSIC 102 3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
5406005 A MTWRF 9:50-11:50
SECT A: JUNE 15-JULY 10
5406010 B ARRANGED
SECT B: MAY 18-AUG 7 DELIVERY IS WWW

APPLIED MUSIC VOICE MUSIC 118A 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 118A 1-3 CR.
PREREQ: AUDITION, INSTR PERSM, MUSIC MAJORS ONLY COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119A 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1-3 CR.
PREREQ: AUDITION, INSTR PERSM, MUSIC MAJORS ONLY COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
MUSIC

APPL MUSIC WOODWIND MUSIC 219F 1–3 CR.
PREREQ: AUDITION, INSTR PERM, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1–3 CR.
PREREQ: AUDITION, INSTR PERM, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSS MUSIC 219I 1–3 CR.
PREREQ: AUDITION, INSTR PERM, MUSIC MAJORS ONLY
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL PROB EDUCATION MUSIC 290A VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
PROFESSIONAL SUPPORT FEE $250.00-$550.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 290H VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 318B 1–2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1–3 CR.
PREREQ: AUDITION, INSTRUCTOR PERM, MUSIC MAJOR COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1–3 CR.
PREREQ: AUDITION, INSTRUCTOR PERM, MUSIC MAJOR COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON MUSIC 319E 1–3 CR.
PREREQ: AUDITION, INSTRUCTOR PERM, MUSIC MAJOR COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND MUSIC 319F 1–3 CR.
PREREQ: AUDITION, INSTRUCTOR PERM, MUSIC MAJOR COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1–3 CR.
PREREQ: AUDITION, INSTRUCTOR PERM, MUSIC MAJOR COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSS MUSIC 319I 1–3 CR.
PREREQ: AUDITION, INSTRUCTOR PERM, MUSIC MAJOR COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CR.
PREREQ: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED MUSIC 321J 1 CR.
PREREQ: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY VOICE MUSIC 415A 1–4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG JAZZ PERF MUSIC 415J 1–4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 419A 1–3 CR.
PREREQ: AUDITION, INSTR PERM, MUSIC MAJORS ONLY COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
MUSIC

APPLIED MUSIC PIANO   MUSIC 419B  1- 3 CR.  
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009  
APPLIED MUSIC FEE $150.00-$190.00  
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON   MUSIC 419E  1- 3 CR.  
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009  
APPLIED MUSIC FEE $150.00-$190.00  
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND   MUSIC 419F  1- 3 CR.  
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009  
APPLIED MUSIC FEE $150.00-$190.00  
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS   MUSIC 419G  1- 3 CR.  
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009  
APPLIED MUSIC FEE $150.00-$190.00  
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSS   MUSIC 419I  1- 3 CR.  
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2009  
APPLIED MUSIC FEE $150.00-$190.00  
*******     SEE DEPT FOR REFERENCE NUMBERS

FLORENCE - HUMANISM   MUSIC 471      3 CR.  
PREREQ: APPLICATN THRU THE STUDY ABROAD PROGRAM;  
INTERVIEW WITH INSTRUCTOR; SOPHOMORE  
CLASSIFICATION  
MEETS INTERNATIONAL PERSPECTIVES REQMT.  
8024800  IT ARRANGED  BLEYE C  
SECT IT: MAY 11-25  
SECT IT TAUGHT FLORENCE, ITALY. 'TONES  
OF FLORENCE' STUDY ABROAD SUMMER 2009

INDEPENDENT STUDY HISTORY MUSIC 490D VAR. CR.  
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******     SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LITERATURE MUSIC 490E VAR. CR.  
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******     SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS MUSIC 490H VAR. CR.  
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN  
MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP  
IN UNIVERSITY HONORS PROGRAM  
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******     SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ELECTRONIC MUSIC 490I VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******     SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS EDUC MUSIC 590A VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******     SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THEORY MUSIC 590B VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******     SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS COMPOSITION MUSIC 590C VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******     SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LITERATURE MUSIC 590E VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF  
DEPARTMENT HEAD  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******     SEE DEPT FOR REFERENCE NUMBERS
MUSIC

SPL TOPC APPL MUSIC MUSIC 590F VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

INTERNSHIP NREM 303 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR, SOPH STANDING
NO MORE THAN 6 CREDITS OF NREM 303 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD INTERNSHIP NREM 303I 1-5 CR.
PREREQ: PERMISSION OF INSTRUCTOR AND SOPHOMORE STANDING
PERMISSION REQUIRED - USE FORM AT HTTP://WWW.CONTINUETOLEARN.UIOWA.EDU/LAKESIDELAB
355005 ARRANGED

IND STDY ANIMAL ECO NREM 490A 1-4 CR.
PREREQ: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1-4 CR.
PREREQ: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS NREM 490H 1-4 CR.
PREREQ: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
******* SEE DEPT FOR REFERENCE NUMBERS

UG INDEP STDY IA LL NREM 490I 1-4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF THE INSTRUCTOR
NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONAL TRAVEL NREM 496A 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
MEETS INTERNATIONAL PERSPECTIVES REQMT.
2596800 CN ARRANGED SCHULTZ R
SECT CN: MAY 12-JUNE 6
SEC CN TAUGHT IN CHINA. CHINA
AMAZING; FROM THE THREE GORGES DAM TO THE INVESTMENT CENTERS OF ASIA.
OFFERED FOR 3 CREDITS SUMMER 2009.

CREATIVE COMPONENT NREM 599 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1-12 CR.
COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2009
******* SEE DEPT FOR REFERENCE NUMBERS

NAVAL SCIENCE

INDEPENDENT STUDY N S 490 1-3 CR.
PREREQ: SENIOR CLASSIFICATION AND PRIOR APPROVAL OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL SCIENCE
NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

RESEARCH NEURO 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

NUTRITIONAL SCIENCES

INTRO DNA TECHNIQS NUTRS 542A 1 CR.
SATISFACTORY–FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
3744005 MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 15-30
NUTRITIONAL SCIENCES

INTR PROTEIN TECHNQ   NUTRS 542B     1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
8644005     MTRF 1:00-2:00
MTRF 2:00-4:00
JULY 6-21

RESRCH NUTRITIONL SCI   NUTRS 699 VAR. CR.
SATISFACTORY-FAIL ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS

OPERATIONS AND SUPPLY CHAIN

MGMT

PROD/OPERATIONS MGT   OSCM 320     3 CR.
PREREQ: STAT 226
COURSE NOT OPEN TO P BUS MAJORS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5279005     A1 MTRF 9:50-11:50
SECT A1:JUNE 15-JULY 10
SECTION A1 RESTRICTED TO ACCT, BUS S,
BUS U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS
ONLY. CURRENT ENROLLMENT OR PRIOR CREDIT IN FIN 301 IS
RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT SEMESTER
ENROLLMENT BLOCK INCLUDES MGMT 370, MKT 340 AND LSCM
360.
5279010     A2 MTRF 9:50-11:50
SECT A2:JUNE 15-JULY 10
SECTION A2 FOR COLLEGES OTHER THAN
BUSINESS

INDEPENDENT STUDY   OSCM 490     1-3 CR.
PREREQ: OSCM 320, SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR DEPARTMENT PERMISSION
REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

ORGANIZATION FOR TROPICAL
STUDIES

ECO TROPICAL BIOLOGY   OTS 510     8 CR.
7535005     ARRANGED

TOPICS TROPICAL BIOS   OTS 515     1-8 CR.
7544005     ARRANGED

PERFORMING ARTS

PERFORM ARTS INTERN   PERF 310     R CR.
SATISFACTORY-FAIL ONLY.
3677005     ARRANGED, MAY 18-AUG 7

PERFRM ARTS SEMINAR   PERF 401     2 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3706005     ARRANGED
MAY 18-JULY 10

PHILOSOPHY

INTRO TO PHILOSOPHY   PHIL 201     3 CR.
5824005     A MTRF 9:50-11:50
SECT A: MAY 18-JUNE 12
5824010     B MTRF 12:10-2:10
SECT B: MAY 18-JUNE 12

PHILOSOPHY

MORAL THEOR&PRACTICE   PHIL 230     3 CR.
5827005     A MTRF 9:50-11:50
SECT A: MAY 18-JUNE 12
5827010     B MTRF 12:10-2:10
SECT B: MAY 18-JUNE 12

PHILOSOPHY OF LAW   PHIL 332     3 CR.
PREREQ: 201 OR 230
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5836005     MTRF 9:50-11:10
MAY 18-JUNE 26

PHILOSOPHY OF TECHNOLOGY   PHIL 343     3 CR.
PREREQ: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
AND 3 CREDITS OF SOCIAL SCIENCE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7343005     A MTRF 9:50-11:50
SECT A: MAY 18-JUNE 12

INDEPENDENT STUDY   PHIL 490     1-4 CR.
PREREQ: 6 CREDITS IN PHIL, PERMISSION OF INSTR,
APPROVAL OF CHAIR
NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE
APPLIED TOWARD GRADUATION
*******     SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS   PHIL 490H     1-4 CR.
PREREQ: 6 CREDITS IN PHIL, PERMISSION OF INSTR,
APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS
PROGRAM
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 CR.
SATISFACTORY-FAIL ONLY.
3891005     ARRANGED, MAY 18-AUG 7

SPL TOPC HISTORY P   PHIL 590A     2-4 CR.
PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5850005     ARRANGED, MAY 18-AUG 7

SPL TOP EPIS&METAPH   PHIL 590B     2-4 CR.
PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5851005     ARRANGED, MAY 18-AUG 7

SPL TOP VALUE THRY   PHIL 590C     2-4 CR.
PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5852005     ARRANGED, MAY 18-AUG 7

SPL TOP LOGIC&P SCI   PHIL 590D     2-4 CR.
PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5853005     ARRANGED, MAY 18-AUG 7

PHYSICS

GENERAL PHYSICS   PHYS 111     4 CR.
PREREQ: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF
GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
IF A STUDENT ENROLLED IN 111 FOR SPRING 2009
REGISTERS FOR 111 FOR SUMMER 2009 BEFORE SPRING
2009
ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED
FROM THE STUDENT'S SCHEDULE.
PHYSICS

<table>
<thead>
<tr>
<th>CRN</th>
<th>SYLLABUS</th>
<th>DAYS</th>
<th>TIMES</th>
<th>LOCATIONS</th>
<th>SECTIONS</th>
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</thead>
<tbody>
<tr>
<td>5857005</td>
<td>PHYSICS 512</td>
<td>MTWRF</td>
<td>12:10-1:10</td>
<td>MW 7:30-9:40</td>
<td>JUNE 15-AUG 7</td>
</tr>
<tr>
<td>5857010</td>
<td>PHYSICS 512</td>
<td>MTWRF</td>
<td>12:10-1:10</td>
<td>MW 1:20-3:30</td>
<td>JUNE 15-AUG 7</td>
</tr>
<tr>
<td>5857015</td>
<td>PHYSICS 512</td>
<td>MTWRF</td>
<td>12:10-1:10</td>
<td>MW 3:40-5:50</td>
<td>JUNE 15-AUG 7</td>
</tr>
</tbody>
</table>

GENERAL PHYSICS       PHYS  112      4 CR.
PREREQ: 111

If a student enrolled in 112 for Spring 2009
registers for 112 for Summer 2009 before Spring 2009
ends, the summer term enrollment will be dropped from the student's schedule.

<table>
<thead>
<tr>
<th>CRN</th>
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<th>LOCATIONS</th>
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<tbody>
<tr>
<td>5858005</td>
<td>PHYSICS 221</td>
<td>MWF</td>
<td>8:40-9:40</td>
<td>R 7:30-9:40</td>
<td>JUNE 15-AUG 7</td>
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<tr>
<td>5858010</td>
<td>PHYSICS 221</td>
<td>MWF</td>
<td>8:40-9:40</td>
<td>R 2:30-4:40</td>
<td>JUNE 15-AUG 7</td>
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<tr>
<td>5858015</td>
<td>PHYSICS 221</td>
<td>MWF</td>
<td>7:30-8:30</td>
<td>R 12:10-2:20</td>
<td>JUNE 15-AUG 7</td>
</tr>
</tbody>
</table>

INTR CLASSCL PHYS I  PHYS  221      5 CR.
PREREQ: CREDIT OR ENROLLMENT IN MATH 166

If a student enrolled in 221 for Spring 2009
registers for 221 for Summer 2009 before Spring 2009
ends, the summer term enrollment will be dropped from the student's schedule.

<table>
<thead>
<tr>
<th>CRN</th>
<th>SYLLABUS</th>
<th>DAYS</th>
<th>TIMES</th>
<th>LOCATIONS</th>
<th>SECTIONS</th>
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<tr>
<td>5861005</td>
<td>PHYSICS 222</td>
<td>MWF</td>
<td>8:40-9:40</td>
<td>R 7:30-9:40</td>
<td>JUNE 15-AUG 7</td>
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<tr>
<td>5861010</td>
<td>PHYSICS 222</td>
<td>MWF</td>
<td>8:40-9:40</td>
<td>R 2:30-4:40</td>
<td>JUNE 15-AUG 7</td>
</tr>
<tr>
<td>5861015</td>
<td>PHYSICS 222</td>
<td>MWF</td>
<td>7:30-8:30</td>
<td>R 12:10-2:20</td>
<td>JUNE 15-AUG 7</td>
</tr>
</tbody>
</table>

PLANT PATHOLOGY

INDEPENDENT STUDY    PL P  490A  1- 3 CR.
PREREQ: JR OR SR CLASSIFICATION, 7 CREDITS IN BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR
NO MORE THAN 6 CREDITS OF PL P 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION

<table>
<thead>
<tr>
<th>CRN</th>
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<tr>
<td>3155005</td>
<td>PLANT PATHOLOGY</td>
<td>WF</td>
<td>8:40-9:40</td>
<td>TR 12:10-2:20</td>
<td>MAY 18-AUG 7</td>
</tr>
</tbody>
</table>

HONORS INDEPENDENT STUDY  PL P  490H  1- 3 CR.
PREREQ: JR OR SR CLASSIFICATION, 7 CR IN BIOL SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM
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 STUDENTS ONLY.

<table>
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<tr>
<th>CRN</th>
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<tbody>
<tr>
<td>3155005</td>
<td>PLANT PATHOLOGY</td>
<td>WF</td>
<td>8:40-9:40</td>
<td>TR 12:10-2:20</td>
<td>MAY 18-AUG 7</td>
</tr>
</tbody>
</table>
PLANT PATHOLOGY

THESIS&DIS RESEARCH  PL P  699  VAR.  CR.
5960005  ARRANGED, MAY 18-AUG 7

PLANT PHYSIOLOGY

RESEARCH  P PHY  699  VAR.  CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******  SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

INTR AMERIC GOVERNM  POL S 215  3 CR.
5961005  A MTHR 8:40-10:00
SECT A: MAY 18-JUNE 26

INTRO ETHICS&POLTCS  POL S 235  3 CR.
PREREQ: SOPHOMORE STANDING
5715005  A MTHR 11:00-12:20
SECT A: MAY 18-JUNE 26

INTERNATL RELATIONS  POL S 315  2 CR.
PREREQ: SOPHOMORE CLASSIFICATION
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 MTHR 9:50-11:50
SECT A: MAY 18-JUNE 1
8813010  B MTHR 9:50-11:50
SECT B: JUNE 2-15
SECTION A TOPIC: WORLD WAR I
SECTION B TOPIC: WORLD WAR II

ADV WRITING POL SCI  POL S 395  1-2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MAJOR IN POLITICAL SCIENCE
******  SEE DEPT FOR REFERENCE NUMBERS

IND STUDY AMER GOVT  POL S 490A  1-2 CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
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; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******  SEE DEPT FOR REFERENCE NUMBERS

IND STUDY AMER GOVT  POL S 490B  1-2 CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
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; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******  SEE DEPT FOR REFERENCE NUMBERS

IND STUDY THRY&METHD  POL S 490C  1-2 CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
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; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******  SEE DEPT FOR REFERENCE NUMBERS

POL SCI INTERNSHIP  POL S 499  VAR.  CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 6 CREDITS IN POL S; JUNIOR OR SENIOR
CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR
USE OF POL S 499 IN POL S MAJOR AND MINOR DEGREE
REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP US P INSTIT  POL S 590A  2-5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRCTR PERMISN
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******  SEE DEPT FOR REFERENCE NUMBERS
POLITICAL SCIENCE

SPL TOPC PUBLIC LAW POL S 590B 2–5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLIT THEORY POL S 590C 2–5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPAR GOVT POL S 590D 2–5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L RELAT POL S 590E 2–5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POL PARTIES POL S 590F 2–5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PUB POL&ADM POL S 590G 2–5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN PERMISSION OF INSTRUCTOR REQUIRED TO ADD FIRST WEEK - PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INTERNSHIP POL S 590I 2–5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

PUBLIC ADMIN INTERN POL S 598 3–6 CR.
PREREQ: 15 CREDITS IN POL S, INSTRUCTR PERMISSION 4540005 ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT POL S 599 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

SEM PUB ADMIN&POLICY POL S 610G 3 CR.
PREREQ: 15 CREDITS IN POLITICAL SCIENCE INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6059005 1 MW 6:00-9:00PM
SECT 1: MAY 18-JUNE 29

RESEARCH POL S 699 VAR. CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

PORTUGUESE

INDEPENEDNENT STUDY PORT 490 1–6 CR.
PREREQ: 6 CR IN PORT; PERMISSION OF DEPT CHAIR NO MORE THAN 9 CREDITS IN PORT 490 MAY BE APPLIED TOWARD GRADUATION PERMISSION OF DEPARTMENT CHAIR REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CR.
6071005 A MTWRF 11:00-12:00
SECT A: MAY 18-JULY 10
6071010 B MTWRF 8:40-9:40
SECT B: JUNE 15-AUG 7

ACAD LEARNNG SKILLS PSYCH 131 1 CR.
SATISFACTORY-FAIL ONLY.
6072005 A TR 3:00-4:00
SECT A: JUNE 15-AUG 7
SECTION A FOR APEX PROGRAM STUDENTS ONLY
6072010 B TR 3:00-4:00
SECT B: JUNE 15-AUG 7
SECTION B FOR APEX PROGRAM STUDENTS ONLY

DEVELOPMENTAL PSYCH PSYCH 230 3 CR.
6075005 A MTWRF 8:40-9:40
SECT A: MAY 18-JULY 10

SOCIAL PSYCHOLOGY PSYCH 280 3 CR.
6076005 A MTWRF 11:00-12:00
SECT A: MAY 18-JULY 10

RES DSgn & METHODOL PSYCH 301 3 CR.
PREREQ: STAT 101; 1 COURSE IN PSYCHOLOGY COURSE RESTRICTED TO PSYCH MAJORS. MINORS ARE ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD SLIP SIGNED IN W022 LAGOMARCINO HALL.
6077005 A MTWRF 9:50-10:50
SECT A: MAY 18-JULY 10

RESRCH METHODS PSYC PSYCH 302 3 CR.
PREREQ: 301 COURSE RESTRICTED TO PSYCH MAJORS ONLY
1173005 A MTWRF 1:20-2:30
SECT A: MAY 18-JULY 10

BRAIN & BEHAVIOR PSYCH 310 3 CR.
PREREQ: 101; BIOL 101, 155, OR 211
1515005 MTWRF 9:50-10:50
MAY 18-JULY 10

SENSATION &PERCEPTN PSYCH 312 3 CR.
PREREQ: 101
6079005 MTWRF 1:20-3:20
MAY 18-JUNE 12

LEARNING & MEMORY PSYCH 313 3 CR.
PREREQ: 101
6080005 MTWRF 8:40-9:40
MAY 18-JULY 10
PSYCHOLOGY

DRUGS & BEHAVIOR  PSYCH 315  3 CR.
PREREQ: 101; BIOL 155 OR 211
6082005  MTWRF 12:10-1:10
MAY 18-JULY 10

PSYCHOLOGY OF WOMEN  PSYCH 346  3 CR.
PREREQ: TWO COURSES IN PSYCH INCLUDING 101
MEETS U.S. DIVERSITY REQMT.
6085005  MTWRF 12:10-1:10
MAY 18-JULY 10

PSYCH MEASUREMENT I  PSYCH 440  3 CR.
PREREQ: 301 AND 9 CR IN PSYCH, STAT 101
COURSE RESTRICTED TO PSYCH MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6099005  A MTWRF 9:50-10:50
SECT A:MAY 18-JULY 10

ABNORMAL PSYCHOLOGY  PSYCH 460  3 CR.
PREREQ: 3 COURSES IN PSYCH INCLUDING 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6102005  MTWRF 11:00-1:00
MAY 18-JUNE 12

INDEPENDENT STUDY  PSYCH 490  1-3 CR.
PREREQ: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSION
NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
APPLIED TOWARDS A DEGREE IN PSYCHOLOGY. COURSE
RESTRICTED TO JUNIORS AND SENIORS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  PSYCH 490H  1-3 CR.
PREREQ: JR CLASSIFICATION, 6 CR IN PSYCH, INSTRUCTOR
PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
APPLIED TOWARDS A DEGREE IN PSYCHOLOGY. COURSE
RESTRICTED TO HONORS PROGRAM JUNIORS AND SENIORS
ONLY
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM  PSYCH 491  VAR. CR.
PREREQ: JR CLASSIFICATION, INSTR PERMISSION, CREDIT OR ENROLLMENT IN 301
NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE
APPLIED TOWARDS A DEGREE IN PSYCHOLOGY. RESTRICTED
TO JUNIORS AND SENIORS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

FIELDWORK PRACTICUM  PSYCH 492  VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JR CLASSIFICATION, 12 CR IN PSYCH,
PERMISSION OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF PSYCH 492 MAY BE
APPLIED TOWARDS A DEGREE IN PSYCHOLOGY. RESTRICTED
TO JUNIORS AND SENIORS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP COUNSELING  PSYCH 590A  VAR. CR.
PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
******* SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

SPL TOPIC COGNITIVE  PSYCH 590Q  VAR. CR.
PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
******* SEE DEPT FOR REFERENCE NUMBERS

SPEC'L TOPICS SOCIAL  PSYCH 590R  VAR. CR.
PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP IN PSYCH  PSYCH 597  VAR. CR.
PREREQ: M.S. DEGREE CANDIDACY, PERMISSION OF
INSTRUCTOR
7659005  ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT  PSYCH 599  VAR. CR.
SATISFACTORY-FAIL ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

PRACT GROUP COUNSEL  PSYCH 691E  VAR. CR.
PREREQ: 626, 691A, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

PRACT ADV COUNSELNG  PSYCH 691F  VAR. CR.
PREREQ: 691A, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING  PSYCH 691T  VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 633, PERMISSION OF INSTR
******* SEE DEPT FOR REFERENCE NUMBERS

INTERN COUNSELING  PSYCH 697  VAR. CR.
PREREQ: PH.D. CANDIDACY IN THE COUNSELING PSYCH
PROG, APPROVED DISSERTATION PROPOSAL, INSTR
PERMISSION
6182005  ARRANGED, MAY 18-AUG 7

RESEARCH  PSYCH 699  VAR. CR.
SATISFACTORY-FAIL ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

RELIGIOUS STUDIES

INTRO WRLD RELIGION  RELIG 205  3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6109005  A MTWRF 12:10-2:10
SECT A:MAY 18-JUNE 12

RELIGION IN AMERICA  RELIG 210  3 CR.
MEETS U.S. DIVERSITY REQMT.
6188005  A MTWRF 11:00-1:00
SECT A:MAY 18-JUNE 12
6188010  B MTWRF 8:40-10:40
SECT B:MAY 18-JUNE 12

INDEPENDENT STUDY  RELIG 490  1-3 CR.
PREREQ: 6 CR IN RELIGIOUS STUDIES, PERMISSION OF INSTR,
APPROVAL OF PROF IN CHARGE OF PROGRAM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
RELIGIOUS STUDIES

INDEP STUDY HONORS RELIG 490H 1-3 CR.
PREREQ: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR, APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PEACE&JUSTIC INTERN RELIG 499 1-6 CR.
SATISFACTORY–FAIL ONLY.
PREREQ: 3 CREDITS IN RELIGIOUS STUDIES, PERMISSION OF FACILITY INTERNSHIP COORDINATOR 7740005 ARRANGED, MAY 18-AUG 7
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SPL TOP RELIG STUDI RELIG 590 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
3617005 1 ARRANGED
SECT 1:MAY 18-AUG 7

RESEARCH & EVALUATION

SURVEY ED RESEARCH RESEV 570 3 CR.
PREREQ: 552 OR EQUIVALENT 8408005
MWF 8:00-12:30
MAY 11-JUNE 1

QUALITVE RSRCH MTHD RESEV 580 3 CR.
PREREQ: 550 4059005
1 M 4:00-8:00PM
ARRANGED
SECT 1:JUN 1,15,29&JUL 13
THE ARRANGED TIME REPRESENTS WORK IN WEBCT

SPECIAL TOPICS RESEV 590 1-3 CR.
PREREQ: GRADUATE STANDING

PROGRAM ASSESS&EVAL RESEV 597 3 CR.
PREREQ: 550

CURRENT TOPICS RESEV 615 1-3 CR.
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
6221005 1 MTWRF 8:00-1:00
ARRANGED
SECT 1:MAY 18-29
SEC 1 TOPIC: ARTS-BASED RESEARCH
METHODS
6221010 2 M 8:00-12:00, ARRANGED
SEC 2:JUNE 1 & ARRANGED ADDITIONAL MEETING DATES FOR SECTION
2 WILL BE DETERMINED AT THE JUNE 1 MEETING.
TOPIC: WRITING QUALITATIVE INQUIRY.

RUSSIAN

INDEPENDENT STUDY RUS 490 1-6 CR.
PREREQ: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009.
NO MORE THAN 9 CREDITS IN RUS 490 MAY BE APPLIED TOWARD GRADUATION.
PERMISSION OF DEPARTMENT CHAIR REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

RUSSIAN INTERNSHIP RUS 499 1-3 CR.
SATISFACTORY–FAIL ONLY.
PREREQ: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
NO MORE THAN 3 CREDITS IN RUS 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SOCIOLOGY

INTRO TO SOCIOLOGY SOC 134 3 CR.
CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
6346005 A MTWRF 8:40-9:40
SECT A:JUNE 15-AUG 7
6346010 B MTWRF 9:50-11:50
SECT B:JULY 13-AUG 7
6346015 C MTWRF 9:50-11:50
SECT C:JUNE 15-JULY 10
6346020 D MTWRF 9:50-11:50
SECT D:JUNE 15-JULY 12

INTIMATE RELATNSHIP SOC 219 3 CR.
PREREQ: 130 OR 134
6349005 A MTWRF 12:10-2:10
SECT A:JULY 13-AUG 7

SOC PSYCH:SOC PERSP SOC 305 3 CR.
PREREQ: 130 OR 134
6355005 A MTWRF 8:40-10:40
SECT A:MAY 18-JUNE 12

COMMUNITY SOC 310 3 CR.
PREREQ: 130 OR 134
6321005 A MTWRF 9:50-11:50
SECT A:JUNE 15-JULY 10

SEX&GENDER IN SOCIE SOC 327 3 CR.
PREREQ: 130 OR 134 MEETS U.S. DIVERSITY REQMT.
6356005 A MTWRF 9:50-11:50
SECT A:JUNE 15-JULY 10
SOCIOLOGY

ETHNIC & RACE RELATIONS SOC 330 3 CR.
PREREQ: 130 OR 134
MEETS U.S. DIVERSITY REQMT.
6352005 A MTWRF 8:40-10:40
SECT A: JUNE 15-JULY 10

SOC CLASS & INEQUAL SOC 331 3 CR.
PREREQ: 130 OR 134
MEETS U.S. DIVERSITY REQMT.
6357005 A MTWRF 12:10-2:10
SECT A: MAY 18-JUNE 12

COMPLEX ORGANIZATIONS SOC 420 3 CR.
PREREQ: 130 OR 134 OR 135 PLUS 3 CR IN SOC SCIENC
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6325005 A MTWRF 9:50-11:50
SECT A: MAY 18-JUNE 12

CRIM & JUV JUST PRACT SOC 460 3-12 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JR/SR CLASSIFICATION; PERMISSN OF THE CJ ST
COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST
MINOR
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.
6370005 A ARRANGED
SECT A: MAY 18-AUG 7

INDEPENDENT STUDY SOC 490A 1-3 CR.
PREREQ: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
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

INDEPENDENT STUDY RURAL SOC 490B 1-3 CR.
PREREQ: 6 CR IN SOC AND INSTRUCTOR PERMISSION
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

INDEPENDENT STUDY HONORS SOC 490H 1-3 CR.
PREREQ: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR,
MEMBERSHIP IN UNIV HONORS PROGRAM
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

SOFTWARE ENGINEERING

SUMMER INTERNSHIP S E 396 R CR.
PREREQ: PERMISSION OF DEPT AND CAREER SERVICES
7315005 ARRANGED, MAY 18-AUG 7

INDEPENDENT STUDY S E 490 VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN SOFTWARE ENGR
******* SEE DEPT FOR REFERENCE NUMBERS

SPANISH

ELEMENTARY SPANISH I SPAN 101 4 CR.
MATERIALS AND EQUIPMENT USE FEE $25.00
6473005 1 MTWRF 8:40-11:40
6473010 2 MTWRF 12:10-3:10
SECT 1: MAY 18-JUNE 12
SECT 2: JUNE 15-JULY 10

ELEM SPANISH II SPAN 102 4 CR.
PREREQ: 101, 97 OR PLACEMENT BY DEPARTMENTAL EXAM
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6474005 1 MTWRF 8:40-11:40
6474010 2 MTWRF 12:10-3:10
SECT 1: MAY 18-JUNE 12
SECT 2: JUNE 15-JULY 10

STUDY ABROAD SPAN 195X 1-10 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
8954800 SP ARRANGED
L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN.'ISU ON THE
MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009

STUDY ABROAD SPAN 295X 1-10 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
8957800 SP ARRANGED
L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN.'ISU ON THE
MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009
SPANISH

GRAMMAR & COMPOSITN SPAN 301 3 CR.
PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM
MATERIALS AND EQUIPMENT USE FEE $25.00
6479800 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. 'ISU ON THE MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009

CONVERS THRU CULTUR SPAN 303A 3 CR.
PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM
MATERIALS AND EQUIPMENT USE FEE $25.00
6142800 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. 'ISU ON THE MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009

SPAN FOR BUSINS&PRO SPAN 304 3 CR.
PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM;
301 RECOMMENDED
MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6482800 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. 'ISU ON THE MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009

INTRO READ HISPANIC SPAN 314 3 CR.
PREREQ: 301
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
8894800 SP ARRANGED
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. 'ISU ON THE MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009

SPANISH CIVILIZATN SPAN 321 3 CR.
PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6483800 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. 'ISU ON THE MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009

SPAIN TODAY SPAN 323 3 CR.
PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4047800 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. 'ISU ON THE MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009

LATIN AMERICA TODAY SPAN 324 3 CR.
PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4100800 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. 'ISU ON THE MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009

HISPAN TOCPIS IN ENGL SPAN 370 3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7948800 MX ARRANGED RIZO E
SECT MX: MAY 26-JULY 8
SEC MX TAUGHT IN MEXICO. 'CULTURE & AGRICULTURE'
SUMMER 2009 STUDY ABROAD EXPERIENCE.
7948805 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. 'ISU ON THE MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009

STUDY ABROAD SPAN 395 1-10 CR.
PREREQ: 2 YRS UNIV-LEVEL SPANISH OR EQUIVALENT
MEETS INTERNATIONAL PERSPECTIVES REQMT.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6489025 RG ARRANGED
SECT RG: MAY 25-JULY 9
SECTION RG IS REGENTS STUDY ABROAD IN PERU.
OFFERED FOR 6 CREDITS.
6489800 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. 'ISU ON THE MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009

ADV COMPOSI&GRAMMAR SPAN 401 3 CR.
PREREQ: 314 AND ONE COURSE AT THE 320-LEVEL OR ABOVE MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6490800 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. 'ISU ON THE MEDITERRANEAN
SUMMER IN VALENCIA, SPAIN' SUMMER 2009

INDEPENDENT STUDY SPAN 490 1-6 CR.
PREREQ: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED TOWARD GRADUATION
PERMISSION OF DEPARTMENT CHAIR REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009.
NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
SPANISH

ADV COMPOSIC&GRAMMAR SPAN 501X 3 CR.
PREREQ: 314 AND ONE COURSE AT THE 320-LEVEL OR
ABOVE, OR PERMISSION OF INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE $25.00
7481800 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. ISU ON THE
MEDITERRANEAN SUMMER IN VALENCIA, SPAIN' SUMMER 2009

SPAN 501X 3 CR.
PREREQ: 314 AND ONE COURSE AT THE 320-LEVEL OR
ABOVE, OR PERMISSION OF INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE $25.00
7481800 SP ARRANGED L'HOTE L
SECT SP: MAY 28-JULY 12
SEC SP TAUGHT IN SPAIN. ISU ON THE
MEDITERRANEAN SUMMER IN VALENCIA, SPAIN' SUMMER 2009

SPL TOP LANG PEDAGY SPAN 590C 1-4 CR.
PREREQ: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
3905800 SP ARRANGED WILHELM J
SECT SP: JUNE 12-26
SEC SP TAUGHT IN CACERES, SPAIN.
'SUMMER SIMINAR IN SAPIN FOR SPANISH TEACHERS'
OFFERED FOR 3 CREDITS SUMMER 2009

SPECIAL EDUCATION

INDEPENDENT STUDY SP ED 490 1-5 CR.
PREREQ: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

TCH EXCPNTLT GEN ED SP ED 501 3 CR.
PREREQ: BACCALAUREATE DEGREE
2607005 1 F 6:00-9:00PM
S 8:00-4:00
SECT 1: MAY 29-JUNE 20

RESEARCH REVIEW SP ED 517 2 CR.
PREREQ: 510, 515
3169005 1 M 11:00-12:40
S 1:00-2:40
SECT 1: JULY 13-AUG 7

INSTR MTBD MILD/MOD SP ED 520 3 CR.
2619005 M 8:40-10:40
S 9:00-3:00
JUNE 15-JULY 11
JULY 11 IS THE ONLY SATURDAY MEETING

RDNG MILD/MO DISABL SP ED 553 3 CR.
PREREQ: TEACHING LICENSE
7663005 1 M 1:00-3:40
S 1:00-3:40
SECT 1: JUN 1-17, 29-JUL 8

CAREER ED DISAB YTH SP ED 555 2 CR.
PREREQ: 510 OR 511
4418005 M 5:00-6:40PM
JUNE 15-JULY 10

SYS-LEVL SRVC DISAB SP ED 570 3 CR.
PREREQ: 511
5068005 M 1:30-3:30
ARRANGED
JUNE 15-JULY 10

SPECIAL TOPICS SP ED 590 1-5 CR.
PREREQ: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION

FUND PUBLIC SPEAKNG SP CM 212 3 CR.
8643010 1 M 7:30-9:40
MTWR 9:50-12:00
SECT 1: MAY 18-JUNE 12
ON MAY 18 ATTEND ONLY THE 9:50 A.M.
LECTURE.
LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE
TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS,
10 MINUTES EACH DAY.
SECTION INFO:
http://www.public.iastate.edu/~aslagell /spcm212/index.html

8643015 2 M 9:50-12:00
MTWR 9:50-12:00
SECT 2: MAY 18-JUNE 12
ON MAY 18 ATTEND ONLY THE LECTURE.
LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED
ON SCHEDULE. LECTURE AND DISCUSSION MEET ON
ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF
LECTURE. IGNORE TIME CONFLICT.
SECTION INFO:
http://www.public.iastate.edu/~aslagell /spcm212/index.html

8643020 3 M 9:50-12:00
MTWR 9:50-12:00
SECT 3: MAY 18-JUNE 12
ON MAY 18 ATTEND ONLY THE LECTURE.
LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED
ON SCHEDULE. LECTURE AND DISCUSSION MEET ON
ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF
LECTURE. IGNORE TIME CONFLICT.
SECTION INFO:
http://www.public.iastate.edu/~aslagell /spcm212/index.html

8643025 4 M 9:50-12:00
MTWR 9:50-12:00
SECT 4: MAY 18-JUNE 12
ON MAY 18 ATTEND ONLY THE LECTURE.
LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED
ON SCHEDULE. LECTURE AND DISCUSSION MEET ON
ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF
LECTURE. IGNORE TIME CONFLICT.
SECTION INFO:
http://www.public.iastate.edu/~aslagell /spcm212/index.html

SPECIAL EDUCATION

FLD EXP BHV/DIS,K12 SP ED 591K 1-6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION
COURSE RESTRICTED TO C I MAJORS ONLY
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $33.00
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1-5 CR.
PREREQ: 15 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SP ED 699 VAR. CR.
PREREQ: 15 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
SUMMER 2009 Last Updated 01-07-2009

SPEECH COMMUNICATION

FUND PUBLIC SPEAKING SP CM 212 3 CR.
8643035 6 MTWRF 12:10-2:20
MTWRF 9:50-12:00
SECT 6: MAY 18-JUNE 12
ON MAY 18 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY.
SECTION INFO:
http://www.public.iastate.edu/~aslagell/spcm212/index.html

8643040 7 MTWRF 9:50-12:00
MTWRF 9:50-12:00
SECT 7: MAY 18-JUNE 12
ON MAY 18 ATTEND ONLY THE LECTURE. LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE. 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
SECT 8: MAY 18-JUNE 12
ON MAY 18 ATTEND ONLY THE LECTURE. LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE. IGNORE TIME CONFLICT. SECTION 8 IS A CROSS-CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS JOINTLY 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
SECT 9: MAY 18-JUNE 12
ON MAY 18 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY. 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 MWF 7:30-9:10
MTWRF 9:50-12:00
SECT 10: MAY 18-JUNE 12
ON MAY 18 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY. SECTION 10 IS A CROSS-CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS JOINTLY WITH SEC 9.
SECTION INFO:
http://www.public.iastate.edu/~aslagell/spcm212/index.html

8643080 12 MWF 7:30-9:10
SECT 12: JUNE 15-AUG 7
SECTION INFO:
http://www.public.iastate.edu/~aslagell/spcm212/index.html

8643085 13 MWF 9:50-11:30
SECT 13: JUNE 15-AUG 7
SECTION INFO:
http://www.public.iastate.edu/~aslagell/spcm212/index.html

SPEECH COMMUNICATION

FUND PUBLIC SPEAKING SP CM 212 3 CR.
8643090 14 MWF 9:50-11:30
SECT 14: JUNE 15-AUG 7
SECTION INFO:
http://www.public.iastate.edu/~aslagell/spcm212/index.html

SPECIAL PROJECTS SP CM 290 1-2 CR.
PREREQ: 3 CR IN SP CM; PERMISSION OF DEPT CHAIR
NO MORE THAN 4 CREDITS OF SP CM 290 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINOR.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

COMM FOR CLSRM TCHR SP CM 313 3 CR.
PREREQ: 212
6430005 MTWRF 12:10-2:20
JUNE 15-JULY 10

GENDER & COMMUNIC TN SP CM 323 3 CR.
PREREQ: 212
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2640005 MTWRF 12:10-2:20
MAY 18-JUNE 12

PERSUASION SP CM 327 3 CR.
PREREQ: 212
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6437005 MTWRF 9:50-12:00
MAY 18-JUNE 12

INDEPENDENT STUDY SP CM 490 1-3 CR.
PREREQ: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATION, PERMISSION OF DEPT. CHAIR PERMISSION OF ANY SLAGELL REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ENRL SC. NO MORE THAN 9 CREDITS OF SP CM 490 MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SP CM 490 MAY BE APPLIED TOWARD THE MINOR.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

COMMUNIC INTERNSHIP SP CM 499 1-3 CR.
PREREQ: 18 CR IN SP CM COURSES, OTHER COURSES ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR STANDING; CM GPA OF AT LEAST 2.5 OVERALL & 3.0 IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE NO MORE THAN 6 INTERNSHIP CREDITS MAY BE APPLIED TOWARD DEGREE REQUIREMENTS. NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD THE MINOR.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS SP CM 590 1-4 CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINIMUM 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 CR.
PREREQ: 1 1/2 YRS OF H S ALGEBRA
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
SECT A:MAY 18-JULY 10
6502010   B MTWRF 8:40-9:40
MR 12:10-2:10
SECT B:MAY 18-JULY 10

INTRO TO STATISTICS  STAT 104   3 CR.
PREREQ: 1 & 1/2 YRS OF H S ALGEBRA
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; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6503005   A MWF 8:40-9:40
TF 1:20-3:20
SECT A:JUNE 15-AUG 7

INTR BUSINES STAT I  STAT 226   3 CR.
PREREQ: MATH 150 OR 165
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 101, STAT 104, STAT 105, STAT 226.
3975005   A MTWRF 8:40-9:40
SECT A:MAY 18-JULY 10
3975010   B MTWRF 8:40-9:40
SECT B:MAY 18-JULY 10

ENGINEERING STAT  STAT 305   3 CR.
PREREQ: MATH 165 (OR 165H)
CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION
6554005     ARRANGED, MAY 18-AUG 7

STAT METH FOR RSRCH  STAT 401   4 CR.
PREREQ: 101 OR 104 OR 105 OR 226. GRAD STUDENTS
WITHOUT AN EQUIV COURSE SHOULD CONTACT DEPT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6514005   A MTWRF 8:40-9:40
MR 1:20-3:20
SECT A:JUNE 15-AUG 7
SECTION A FOR SOCIAL SCIENCES
6514010   B MTWRF 8:40-9:40
TF 12:10-2:10
SECT B:JUNE 15-AUG 7
SECTION B FOR BIOLOGICAL AND PHYSICAL SCIENCES

MTHDS FOR MATH TCHR  STAT 410X   6 CR.
PREREQ: 341 OR EQUIV, ENROLLMENT IN MASTER OF
SCHOOL MATH (MSM) PROGRAM OR INSTRUCTOR
PERMISSION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8785005   A MTWRF 9:15-11:55
SECT A:JUNE 15-JULY 31
STATISTICS

RESEARCH  STAT 699  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SUPPLY CHAIN MANAGEMENT

SPECIAL TOPICS  SCM 590  1- 3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
*******  SEE DEPT FOR REFERENCE NUMBERS

SUSTAINABLE AGRICULTURE

SPECIAL TOPICS  SUSAG 590  1- 3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
*******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  SUSAG 599  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  SUSAG 699  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY & SOCIAL CHANGE

WORLD FOOD ISSUES  T SC 342  3 CR.
PREREQ: JUNIOR CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5256005  MWF 8:40-10:50
MAY 18-JUNE 12

PHIL OF TECHNOLOGY  T SC 343  3 CR.
PREREQ: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
AND 3 CREDITS OF SOCIAL SCIENCE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5211005  A MWF 9:50-11:50
SECT A:MAY 18-JUNE 12

INDEPENDENT STUDY  T SC 490  VAR. CR.
PREREQ: 341, PERMISSION OF INSTRUCTOR & T SC COORD
PERMISSION OF COORDINATOR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP: TCH & SOC CHG  T SC 390F VAR. CR.
PREREQ: 541, PERMISSION OF INSTRUCTOR & T SC COORD
PERMISSION OF COORDINATOR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

TECHNOLOGY INTERNSHIP  TSM 397  R CR.
SATISFACTORY—FAIL ONLY.
PREREQ: AT LEAST 45 CREDITS OF COURSEWORK, IN AST
OR I TEC MAJOR, INTERNSHIP COORDINATOR APPROVAL
*******  SEE DEPT FOR REFERENCE NUMBERS

WORK EXPERIENCE TCHNL  TSM 399  2 CR.
PREREQ: 397 AND APPROVAL OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
*******  SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

INTDISCPSY EFFCTV  TSM 409  3 CR.
PREREQ: JUNIOR OR SENIOR STANDING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5920005  A MWF 8:30-5:30
SECT A:MAY 11-22
MEETS 8:30-4:30 MAY 11-15; MEETS 1-5:30 MAY 18-22

IND STDY GRAIN OPER  TSM 490G  1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  TSM 490H  1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
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; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STDY INDUS MFG  TSM 490I  1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STDY BIOPROCESS  TSM 490K  1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STDY LVSTK PROD  TSM 490L  1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN SYS  TSM 490M  1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS
TECHNOLOGY SYSTEMS MANAGEMENT

INDEP STUDY ENERGY TSM 490N 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU OCCUP SAFET TSM 490O 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY TRAVEL TSM 496X 3- 6 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
8986805 IN ARRANGED, REDDY M
SECT IN: MAY 15-JUNE 12
SEC IN TAUGHT IN BANGALORE & KARNATAKA STATE, INDIA. INTEGRATED AGRICULTURE & FOOD SYSTEMS: IMPROVING RURAL LIVELIHOODS, INDIA

SAFTY&PBLCL HLTH ISS TSM 575 2 CR.
4695005 M 3:40-5:20
MAY 18-AUG 7

SPL TP ANIM ENV/AIR TSM 590A 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR, AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

SPL TOP GRAIN OPERA TSM 590G 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR, AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IND MANUFAC TSM 590I 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR, AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOPROCESSI TSM 590K 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR, AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MACHINE SYS TSM 590M 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR, AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCUP SAFET TSM 590O 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR, AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC WASTE MGMT TSM 590W 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR, AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC GRAIN OPERA TSM 590G 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR, AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC SOIL&WATER TSM 590S 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR, AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC STRUC/BLDG TSM 590T 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR, AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC WASTE MGMT TSM 590W 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR, AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

Masters' TECH PAPER TSM 598 1 CR.
SATISFACTORY-FAIL ONLY.
1911005 ARRANGED, MAY 18-AUG 7

CREATIVE COMPONENT TSM 599 1- 3 CR.
******* SEE DEPT FOR REFERENCE NUMBERS
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>CR.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSM 697</td>
<td>TECHNOLOGY INTERNSHIP</td>
<td>R CR.</td>
<td></td>
<td>SATISFACTORY-FAIL ONLY. PREREQ: PERMISSION OF INSTRUCTOR 4646005 ARRANGED, MAY 18-AUG 7</td>
</tr>
<tr>
<td>TSM 698</td>
<td>DOCTORAL TECH PAPER</td>
<td>1 CR.</td>
<td></td>
<td>SATISFACTORY-FAIL ONLY. PREREQ: PERMISSION OF INSTRUCTOR 1926005 ARRANGED, MAY 18-AUG 7</td>
</tr>
<tr>
<td>TSM 699</td>
<td>RESEARCH</td>
<td>VAR. CR.</td>
<td></td>
<td>COURSE ONLY OFFERED FOR 1-6 CREDITS SUMMER 2009 ******* SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>T C 165</td>
<td>TREND&amp;CONSUMR ANALY</td>
<td>3 CR.</td>
<td></td>
<td>PREREQ: 111, 131; 245 OR CONCURRENT ENROLLMENT COURSE RESTRICTED TO T C, AMDP MAJORS ONLY MATERIALS FEE $35.00-$65.00 5087005 1 MTWRF 9:50-11:30 ARRANGED SEC 1:JUNE 15-JULY 10</td>
</tr>
<tr>
<td>T C 210</td>
<td>COMPUTR APP TEXTLAC</td>
<td>1 CR.</td>
<td></td>
<td>PREREQ: 121, 204, PERMISSION OF INSTRUCTOR MATERIALS FEE $50.00-$200.00 6607005 1 MTWRF 9:50-11:50 ARRANGED SEC 1:JUNE 18-JUNE 12</td>
</tr>
<tr>
<td>T C 225</td>
<td>PATTERNMAKING I</td>
<td>4 CR.</td>
<td></td>
<td>PREREQ: 165; 204 OR CONCURRENT ENROLLMENT PREREQ: 111, 131; 245 OR CONCURRENT ENROLLMENT COURSE RESTRICTED TO T C, AMDP MAJORS ONLY MATERIALS FEE $35.00-$65.00</td>
</tr>
<tr>
<td>T C 362</td>
<td>CULTUR PERSPC DRESS</td>
<td>3 CR.</td>
<td></td>
<td>PREREQ: 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC MATERIALS FEE $0.00-$10.00 MEETS INTERNATIONAL PERSPECTIVES REQMT. 6622005 MTWRF 9:40-11:40 JULY 13-AUG 7</td>
</tr>
<tr>
<td>T C 380</td>
<td>FIELD STUDY</td>
<td>2 CR.</td>
<td></td>
<td>PREREQ: 9 CR IN T C, JR CLASSIF, MINIMUM 2.0 GPA, PERMISSION BY APPLICATION FIELD TRIPS &amp; TRAVEL FEE $100.00-$3,000.00 INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL ******* SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>T C 398</td>
<td>COOPERATIVE EDUCATN</td>
<td>R CR.</td>
<td></td>
<td>PREREQ: PERMISSION OF DEPT CHAIR; JR CLASSIFICATN 1002005 ARRANGED, MAY 18-AUG 7</td>
</tr>
<tr>
<td>T C 490C</td>
<td>IND STU TXTL&amp;AP DSN</td>
<td>VAR. CR.</td>
<td></td>
<td>PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00 6622005 1 MTWRF 9:40-11:40 ARRANGED SEC 1:JUNE 15-JULY 10</td>
</tr>
<tr>
<td>T C 490I</td>
<td>IND STY MERCHANDSG</td>
<td>VAR. CR.</td>
<td></td>
<td>PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00 6622005 1 MTWRF 9:40-11:40 ARRANGED SEC 1:JUNE 15-JULY 10</td>
</tr>
<tr>
<td>T C 490K</td>
<td>IND STU COLTR ANALY</td>
<td>VAR. CR.</td>
<td></td>
<td>PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00 6622005 1 MTWRF 9:40-11:40 ARRANGED SEC 1:JUNE 15-JULY 10</td>
</tr>
<tr>
<td>T C 328X</td>
<td>DESIGN SEMINAR</td>
<td>1-3 CR.</td>
<td></td>
<td>PREREQ: 3 CR HIST OR ART H; T C 204 RECOMMENDED MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00 4473600 XW ARRANGED SEC XW:JUNE 15-JULY 10 SEC XW:JULY 15-JULY 10</td>
</tr>
<tr>
<td>T C 356</td>
<td>HIST 20TH C FASHION</td>
<td>3 CR.</td>
<td></td>
<td>PREREQ: 3 CR HIST OR ART H; T C 204 RECOMMENDED MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00 4473600 XW ARRANGED SEC XW:JULY 13-AUG 7 SECTION XW IS OFF CAMPUS. DELIVERY IS WWW</td>
</tr>
<tr>
<td>T C 498</td>
<td>COOPERATIVE EDUCATN</td>
<td>R CR.</td>
<td></td>
<td>PREREQ: PERMISSION OF DEPT CHAIR; SR CLASSIFICATN 1003005 ARRANGED, MAY 18-AUG 7</td>
</tr>
<tr>
<td>T C 395</td>
<td>UNDERGRAD RESEARCH</td>
<td>VAR. CR.</td>
<td></td>
<td>PREREQ: SENIOR CLASSIFICATN 15 CREDITS IN T C, PERMISSION OF INSTRUCTOR, ADVISER, &amp; DEPT CHAIR 6622005 1 MTWRF 9:40-11:40 ARRANGED SEC 1:JUNE 15-JULY 10</td>
</tr>
<tr>
<td>T C 396</td>
<td>IND STDY TECH DESGN</td>
<td>VAR. CR.</td>
<td></td>
<td>PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00 6622005 1 MTWRF 9:40-11:40 ARRANGED SEC 1:JUNE 15-JULY 10</td>
</tr>
<tr>
<td>T C 490S</td>
<td>IND STDY SMALL BUSI</td>
<td>VAR. CR.</td>
<td></td>
<td>PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00 6622005 1 MTWRF 9:40-11:40 ARRANGED SEC 1:JUNE 15-JULY 10</td>
</tr>
<tr>
<td>T C 499</td>
<td>COOPERATIVE EDUCATN</td>
<td>R CR.</td>
<td></td>
<td>PREREQ: PERMISSION OF DEPT CHAIR; SR CLASSIFICATN 1003005 ARRANGED, MAY 18-AUG 7</td>
</tr>
</tbody>
</table>
TEXTILES & CLOTHING

DESIGN SEMINAR  T C  528X  1- 3 CR.
COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2009
MATERIALS AND EQUIPMENT USE FEE  $10.00-$200.00
5768005  1 MTWRF 12:10-2:10
ARRANGED
SECT 1:MAY 18-JUNE 12

PRACTCM TXTL&CLOTHG  T C  570  1- 3 CR.
PREREQ: 510, 6 GRAD CREDITS IN T C. PERMISSION
OF INSTRUCTOR
6660005  ARRANGED, MAY 18-AUG 7

SPL TOP TEXTILE SCI  T C  590A VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST TEXTIL  T C  590B VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE  $5.00-$50.00
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN  T C  590C VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE  $5.00-$50.00
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOC-PSY ASP  T C  590F VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP CONSMR BEHV  T C  590G VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP MERCHANDSNG  T C  590I VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE  $5.00-$50.00
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP CULTUR ANALY  T C  590K VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE  $5.00-$50.00
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TECH DESGN  T C  590O VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SMALL BUSIN  T C  590S VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

WRKSH INT'L RETAILG  T C  593A  3 CR.
MATERIALS FEE  $50.00-$200.00
8988005  MTWRF 8:00-12:00
ARRANGED, MAY 11-22

TEXTILES & CLOTHING

ADVANCED TOPICS  T C  690 VAR.  CR.
PREREQ: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSION
OF INSTRUCTOR, AND APPROVAL OF D.O.G.E.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  T C  699 VAR.  CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

THEATRE

INTR PERFORMNG ARTS  THTRE 106  3 CR.
6729005  MTWRF 8:40-9:40
JUNE 15-AUG 7

SPECIAL PROJECTS  THTRE 290  1- 3 CR.
PREREQ: 3 CREDITS IN THEATRE; PERMISSION OF
INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  THTRE 490  1- 3 CR.
PREREQ: 9 CREDITS IN THEATRE, JR CLASSIFICATION
NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE
APPLIED TOWARD GRADUATION
*******  SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP  THTRE 499  1- 8 CR.
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 CR.
PREREQ: APPROVED WRITTEN PROPOSAL
PERMISSION OF DEPARTMENT CHAIR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

TOXICOLOGY SEMINAR  TOX  504  1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
7126005  1 T 4:10-5:10, ARRANGED
SECT 1:MAY 18-AUG 7

CLIN &DIAGNOS TOXIC  TOX  546  1- 3 CR.
PREREQ: DVM DEGREE OR 526
1231005  ARRANGED, MAY 18-AUG 7

SPECIAL TOPICS  TOX  590 VAR.  CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  TOX  699 VAR.  CR.
*******  SEE DEPT FOR REFERENCE NUMBERS
## TRANSPORTATION

**RESEARCH**  
TRANS 699 VAR. CR.  
6787005 ARRANGED, MAY 18-AUG 7

## UNIVERSITY STUDIES

**INDEPENDENT STUDY**  
U ST 490 VAR. CR.  
PREREQ: PERMISSION OF THE ASSOCIATE PROVOST  
PERMISSN OF ASSOC PROVOST FOR UNDERGRAD PROGRAMS REQUIRED. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.  
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL  
******** SEE DEPT FOR REFERENCE NUMBERS

## VET DIAGNOSTIC & PRODUCTION AN MED

- **PRECPTRSP V MED PRA** VDPAM 420 1-6 CR.  
  PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED  
  9072005 ARRANGED
- **DAIRY HERD PROBL ID** VDPAM 437 2 CR.  
  PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED  
  6425005 ARRANGED
- **MASTITS PROB INVSTG** VDPAM 438 2 CR.  
  PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED  
  6861005 ARRANGED
- **COW&CALF PROB:NUTRI** VDPAM 439 2 CR.  
  PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED  
  6422005 ARRANGED
- **CLIN EMBRYO TRANSFR** VDPAM 451 2 CR.  
  PREREQ: 4TH YR CLASSIFICATION IN V MED  
  4334005 ARRANGED
- **FOOD ANIM MED &SURG** VDPAM 477 VAR. CR.  
  PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED  
  9079005 ARRANGED
  PROCESS APPROVED ADD SLIP IN 2270A VET MED
- **APPL SWINE PROD MED** VDPAM 479 1-6 CR.  
  PREREQ: 310  
  5454005 ARRANGED  
  PROCESS APPROVED ADD SLIP IN 2270A VET MED
- **SWINE PRODUCTN MED** VDPAM 480 2 CR.  
  PREREQ: 310  
  5572005 ARRANGED
- **APP BEEF MD WITH VT** VDPAM 482A 1-6 CR.  
  PREREQ: 310  
  6598005 ARRANGED  
  PROCESS APPROVED ADD SLIP IN 2270A VET MED
- **APP MED BULL BREEDI** VDPAM 482B 1-6 CR.  
  PREREQ: 310  
  6610005 ARRANGED  
  PROCESS APPROVED ADD SLIP IN 2270A VET MED
- **APPLIED MED CALVING** VDPAM 482C 1-6 CR.  
  PREREQ: 310  
  6621005 ARRANGED  
  PROCESS APPROVED ADD SLIP IN 2270A VET MED
- **APP MD BF FEEDL MGT** VDPAM 482D 1-6 CR.  
  PREREQ: 310  
  6629005 ARRANGED  
  PROCESS APPROVED ADD SLIP IN 2270A VET MED
- **APP MD BF MED WEAN MGT** VDPAM 482E 1-6 CR.  
  PREREQ: 310  
  6653005 ARRANGED  
  PROCESS APPROVED ADD SLIP IN 2270A VET MED
- **APPLIED MED CALVING** VDPAM 482F 1-6 CR.  
  PREREQ: 310  
  6694005 ARRANGED  
  PROCESS APPROVED ADD SLIP IN 2270A VET MED
- **APP MD BF MD PREG EXAM** VDPAM 482G 1-6 CR.  
  PREREQ: 310  
  6707005 ARRANGED  
  PROCESS APPROVED ADD SLIP IN 2270A VET MED
- **CLINIC MICROBIO LAB** VDPAM 488 1 CR.  
  PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED  
  6950005 MTWRF 8-40-11:40
- **INDEPENDENT STUDY** VDPAM 490 1-5 CR.  
  PREREQ: PERMISSION OF DEPARTMENT CHAIR  
  PERMISSION OF INSTRUCTOR REQUIRED; PROCESS APPROVED ADD SLIP IN 2270A VET MED  
  ******** SEE DEPT FOR REFERENCE NUMBERS
**VETERINARY DIAGNOSTIC & PRODUCTION AN MED**

**INT’L PRECEPTORSHIP**  VDPAM 496  1-12 CR.
- **PREREQ:** SECOND-YEAR CLASSIFICATION IN VET MED
  - 7848005  ARRANGED
  - 7848800  IN ARRANGED  UHLENHOPP E
  - SECT IN: MAY 18-29
  - SEC IN TAUGHT IN INDIA/INDIAN VETERINARY UNIVERSITY, IZATNAGAR, INDIA. TITLE: VETERINARY MEDICINE IN INDIA SUMMER 2009.

**WELFARE IN ANIMAL AND PUBLIC HEALTH**
- 7848805  MX ARRANGED  HANSEN D
  - SECT MX: MAY 18-29
  - SEC MX TAUGHT IN MEXICO/UNIVERSITY OF GUADALAJARA-CUCBA. TOPIC ANIMAL WELFARE IN MEXICO.

**INTRO DNA TECHNIQS**  VDPAM 542A  1 CR.
- SATISFACTORY–FAIL ONLY.
- **PREREQ:** GRADUATE CLASSIFICATION
  - 7389005  MTRF 1:00-2:00
  - MTRF 2:00-4:00
  - JUNE 15-30

**INTR PROTEIN TECHNQ**  VDPAM 542B  1 CR.
- SATISFACTORY–FAIL ONLY.
- **PREREQ:** GRADUATE CLASSIFICATION
  - 7391005  MTRF 1:00-2:00
  - MTRF 2:00-4:00
  - JULY 6-21

**CLIN &DIAGNOS TOXIC**  VDPAM 546  1- 3 CR.
- **PREREQ:** DVM DEGREE OR 526
  - 7676005  ARRANGED, MAY 18-AUG 7

**ADV VET DIAGNOS LAB**  VDPAM 551  1- 3 CR.
- **PREREQ:** 455
  - 4233005  ARRANGED, MAY 18-AUG 7

**SPECIAL TOPICS**  VDPAM 590  1- 3 CR.
- **PREREQ:** PERMISSION OF INSTRUCTOR
  - INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

**INT’L PRECEPTORSHIP**  VDPAM 596  1-12 CR.
- **PREREQ:** ADMISSION TO GRADUATE COLLEGE
  - 7868005  ARRANGED, MAY 18-AUG 7

**CREATIVE COMPONENT**  VDPAM 599  VAR. CR.
- **PREREQ:** ENROLLMENT IN NONTHESIS MASTER’S DEGREE PROGRAM

**SWINE DIAGNOSTIC MED**  VDPAM 650  1- 4 CR.
- **PREREQ:** PERMISSION OF INSTRUCTOR
  - 6907005  ARRANGED, MAY 18-AUG 7

**VETERINARY CLINICAL SCIENCES**

**SM ANIMAL ONCOLOGY**  VCS 409X  2 CR.
- **PREREQ:** GRADUATE CLASSIFICATION
  - 7417005  MTWRF 8:00-5:00

**PRECEPTOR COMPAN/EQ**  VCS 419  2- 6 CR.
- **PREREQ:** FOURTH-YEAR CLASSIFICATION IN V MED, PERMISSION OF DEPARTMENT CHAIR
  - COURSE ONLY OFFERED FOR 2-6 CREDITS SUMMER 2009
  - 1664005  1 ARRANGED
  - SECT 1: MAY 18-JULY 10

**CLINICAL NEUROLOGY**  VCS 446  2 CR.
- **PREREQ:** 4TH-YEAR CLASSIFICATION IN VET MED
  - 5112005  MTRWFS 8:00-5:00

**CLINICAL DERMATOLOGY**  VCS 452  2 CR.
- **PREREQ:** 4TH-YEAR CLASSIFICATION IN V MED
  - SMALL ANIMAL OPTION COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
  - 1931005  MTRWFS 8:00-5:00

**SMALL ANIMAL MED I**  VCS 453  2 CR.
- **PREREQ:** 4TH-YEAR CLASSIFICATION IN V MED
  - SMALL ANIMAL OPTION COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
  - 6889005  MTRWFS 8:00-5:00

**SMALL ANIMAL MED II**  VCS 454  2 CR.
- **PREREQ:** 4TH-YEAR CLASSIFICATION IN V MED
  - SMALL ANIMAL OPTION COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
  - 6890005  MTRWFS 8:00-5:00

**SM AN SOFT TISS SUR**  VCS 455  2 CR.
- **PREREQ:** 4TH-YEAR CLASSIFICATION IN V MED
  - SMALL ANIMAL OPTION COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
  - 6891005  MTRWFS 8:00-5:00

**SM AN ORTHOPED SURG**  VCS 456  2 CR.
- **PREREQ:** 4TH-YEAR CLASSIFICATION IN V MED
  - SMALL ANIMAL OPTION COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
  - 6892005  MTRWFS 8:00-5:00

**EQUINE MEDICINE**  VCS 457  4 CR.
- **PREREQ:** 4TH-YEAR CLASSIFICATION IN V MED
  - SMALL ANIMAL OPTION COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
  - 6893005  MTRWFS 8:00-5:00

**EQUINE SURGERY**  VCS 458  4 CR.
- **PREREQ:** 4TH-YEAR CLASSIFICATION IN V MED
  - SMALL ANIMAL OPTION COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
  - 6894005  MTRWFS 8:00-5:00
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<th>Prerequisites</th>
<th>Notes</th>
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VETERINARY CLINICAL SCIENCES

INDEPENDENT STUDY  V C S 490  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP  V C S 496  1-12 CR.
PREREQ: SECOND-YEAR CLASSIFICATION IN VET MED
6094800  FR ARRANGED  SPONSELLER B
SECT FR: MAY 18-29
SEC FR TAUGHT IN FRANCE/NATIONAL VETERINARY SCHOOL OF NANTES. TITLE: AQUATIC, AVIAN AND COMPANION ANIMAL VETERINARY MEDICINE IN FRANCE.

SPL TOPICS MEDICINE  V C S 590A  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY  V C S 590B  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP THERIOGENOL  V C S 590C  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RADIOL  V C S 590D  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOL  V C S 590E  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  V C S 599  VAR. CR.
PREREQ: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
6920005  ARRANGED, MAY 18-AUG 7

RESEARCH MEDICINE  V C S 699A  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY  V C S 699B  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RSRCH THERIOGENOLGY  V C S 699C  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLGY  V C S 699E  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED

PUBLIC HEALTH LAB  V MPM 486  1 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6951005  MTRF 8:00-12:00
MTRF 2:00-5:00

INDEPENDENT STUDY  V MPM 490  VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR AND DEPT CHAIR COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2009 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
*******  SEE DEPT FOR REFERENCE NUMBERS

ZOO PRECEPTORSHIP  V MPM 494  1- 8 CR.
PREREQ: FOURTH YEAR CLASSIFICATION IN V MED
*******  SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP  V MPM 496  1- 12 CR.
PREREQ: SECOND-YEAR CLASSIFICATION IN VET MED
4332600  ZA ARRANGED  THOEN C
SECT ZA: MAY 28-JUNE 12
SECT ZA TAUGHT IN SOUTH AFRICA/BROTHERS SAFARIS, PRETORIA. TITLE: WILDLIFE IMMOBILIZATION IN SOUTH AFRICA.

4332605  ZB ARRANGED  THOEN C
SECT ZB: JUNE 18-JULY 3
SECT ZA TAUGHT IN SOUTH AFRICA/BROTHERS SAFARIS, PRETORIA. TITLE: WILDLIFE IMMOBILIZATION IN SOUTH AFRICA.

4332610  ZC ARRANGED  THOEN C
SECT ZC: JULY 7-24
SECT ZA TAUGHT IN SOUTH AFRICA/BROTHERS SAFARIS, PRETORIA. TITLE: WILDLIFE IMMOBILIZATION IN SOUTH AFRICA.

INTRO DNA TECHNIQS  V MPM 542A  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
4278005  MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 15-30

INTR PROTEIN TECHNIQ  V MPM 542B  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
4372005  MTRF 1:00-2:00
MTRF 2:00-4:00
JUNE 15-30

SPECIAL TOPICS  V MPM 590  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  V MPM 599  VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
7307005  ARRANGED, MAY 18-AUG 7

RESEARCH  V MPM 699  VAR. CR.
*******  SEE DEPT FOR REFERENCE NUMBERS
VETERINARY PATHOLOGY

NECROPSY LAB PRACT V PTH 456 1 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
7007005 MWF 1:10-5:00 FALES-WILLIAMS
A S 10:00-11:50 FALES-WILLIAMS

CLIN PATH LAB PRACT V PTH 457 1 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
7008005 MTWRF 8:00-11:50 ANDREASEN C

INDEPENDENT STUDY V PTH 490 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR & DEPT CHAIR
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 CR.
PREREQ: 376 OR 576
9668005 ARRANGED, MAY 18-AUG 7 JARVINEN J

CLIN PATHOLOGY LAB V PTH 549 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 457, PERMISSION OF INSTRUCTOR
7037005 ARRANGED, MAY 18-AUG 7 ANDREASEN C
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

SURGICAL PATHOL LAB V PTH 550 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 422, 570 OR 571
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7479005 ARRANGED, MAY 18-AUG 7 HAYNES J

POSTMORT PATHOLOGY V PTH 551 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 542 OR 422
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7038005 MWF 1:10-5:00 FALES-WILLIAMS
A S 10:00-11:50 FALES-WILLIAMS
A MAY 18-AUG 7

SPL TOP VET PATHOL V PTH 590A 1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 590B 1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET TOXICOL V PTH 590C 1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

WOMEN'S STUDIES

INTRO WOMEN'S STUDIES W S 201 3 CR.
MEETS U.S. DIVERSITY REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7058005 A MWF 9:50-11:10
7058010 B MWF 9:50-11:10
7058015 C ARRANGED
DElIVERY IS WWW
WOMEN'S STUDIES

GENDER & COMMUNICATION W S 323 3 CR.
PREREQ: SP CM 212
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3533005 MTWRF 12:10-2:20
MAY 18-JUNE 12

SEX & GENDER IN SOCIETY W S 327 3 CR.
PREREQ: SOC 130 OR 134
MEETS U.S. DIVERSITY REQMT.
7061005 A MTWRF 9:50-11:50
SECT A: MAY 18-JUNE 12
7061010 B MTWRF 12:10-2:10
SECT B: JUNE 15-JULY 10

WOMEN'S LITERATURE W S 340 3 CR.
PREREQ: ENGL 250
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7062005 A MTWRF 11:00-12:00
SECT A: MAY 18-JULY 10

PSYCHOLOGY OF WOMEN W S 346 3 CR.
PREREQ: 2 COURSES IN PSYCH INCLUDING PSYCH 101
MEETS U.S. DIVERSITY REQMT.
7064005 MTWRF 12:10-1:10
MAY 18-JULY 10

INDEPENDENT STUDY W S 490 1-3 CR.
PREREQ: ANY TWO COURSES IN W S, PERMISSION OF
INSTRUCTOR, CONSULTATION WITH W S PROGRAM
DIRECTOR
NO MORE THAN 6 CREDITS OF W S 490 MAY BE
APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP W S 491 3 CR.
PREREQ: SENIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF W S 491 MAY BE
APPLIED TOWARD GRADUATION
4097005 ARRANGED, MAY 18-AUG 7

SENIOR THESIS W S 499 3 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS W S 590 VAR. CR.
PREREQ: PERMISSION OF WOMEN'S STUDIES PROG DIRECTOR
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS