Summer Session 2012
Session I  
May 14 - July 6
Session II  
June 11 - August 3
University Holidays  
May 28
July 4

Registration Start Dates for Summer 2012
Veterinary Medicine students:  
Monday, March 19
Graduate students:  
Monday, March 19 - Wednesday, March 28
All seniors:  
Tuesday, March 20 - Monday, March 26
Projected juniors:  
Tuesday, March 27 - Monday, April 4
Projected sophomores:  
Tuesday, April 3 - Monday, April 9
Continuing freshmen:  
Tuesday, April 12 - Wednesday, April 20

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

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Key Dates, Deadlines, Information

Class Registration on AccessPlus
Hours: 7 a.m.-11 p.m., Monday-Saturday.

Academic Probation
Academic probation is an indication of very serious academic difficulty which may result in dismissal from the university. Students may be placed on academic probation as a result of either semester GPA, cumulative GPA, or both. Students who are placed on academic probation are required to develop a plan for academic improvement in consultation with their academic adviser which may include referral to the Academic Success Center. Academic probation status is not a part of the student’s permanent academic record. More information about assistance and the policy go to the ISU index under Probation, Academic.

Auditing Courses
You must register for a full semester course audit by day 10 of the semester. Instructors must approve all audits. Audited courses do not count toward determining full-time student status, but are considered the same as a credit course for fee assessment purposes and maximum number of credits allowed each semester. To find out specific deadlines for partial term courses, go the ISU index under Schedule Changes, or contact the Registrar’s Student Scheduling Office, 10 Enrollment Services Center, 294-2331.

Fee Payment Deadlines
Fee payment deadlines for Summer 2012 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 2012, you need to complete a graduation application. If graduating, go to the ISU website index under Graduation and Commencement, click on students, then choose graduation application.

Registration Start Dates
Registration start dates are assigned based on projected year-in-school classification, which is computed by combining total credits and current term credits. Graduate students and seniors register first, followed by juniors, sophomores, and then freshmen and nondegree students. Courses will begin to fill on the first day of registration, so students should register as early as their start date and time allows.

Room Assignments
Room assignments will be available on AccessPlus class schedule on Monday, April 23. 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 18. You can add summer session I courses using AccessPlus Registration through Wednesday, May 16. For additional schedule change deadlines go to the ISU index under Schedule Changes.

Student Answer Center
Have a question and not sure where to go for the answer? Contact the Student Answer Center, ground floor, Beardshear. The Answer Center is open, Monday-Friday, 8 a.m.-5 p.m., or e-mail: answercenter@iastate.edu.
University Calendar Summer 2012

May 13, Sun. • Last day to cancel registration for summer to avoid tuition assessment.

May 14, Mon. • Class work begins, Session I courses.

May 18, Wed. • Last day to add a Session I course without instructor's signature.
• Last day to process adds or section changes for a Session I course through AccessPlus registration.
• Last day to process most schedule changes without a fee; or to add/drop a Session I course without signatures of instructor and adviser.
• Last day to drop a Session I course without the drop appearing on the permanent record or counting toward the limit of dropped courses.
• Last day to drop a Session I course through AccessPlus registration.

June 20, Wed. • 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.

May 14, Mon. • Last day to elect to audit a course for Summer Session II. The instructor of the course must approve an audit.

May 18, Wed. • Last day to change a Session I course from audit to credit basis.
• Last day to elect to audit a course for Session I. The instructor of the course must approve an audit.

May 28, Mon. • University holiday—offices closed, classes recessed.

May 20, Sun. • Fee payment deadline for summer semester. First payment (minimum due) or payment in full.

May 25, Fri. • Last day to elect to audit a course for a twelve-week, full summer course. The instructor of the course must approve an audit.

May 28, Mon. • University holiday—offices closed, classes recessed.

May 30, Wed. • Preliminary room assignments for Fall 2012 distributed to departments from Room Scheduling.

June 1, Thurs. • Deadline for approval (with all signatures) of new experimental course forms for Fall 2012.
• Original course offerings for Spring 2013 distributed to departments.

June 8, Fri. • Departments should begin approval process for new Spring 2013 experimental courses.

June 11, Mon. • Class work begins, Session II courses.

June 13, 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 15, 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.

June 20, Wed. • 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 22, Fri. • Last day to add/drop a course or withdraw without extenuating circumstances (Session II courses).

July 4, Wed. • Last day to change a Session I course to from Pass/Not Pass to grade. Courses changed to graded basis after May 18 count toward the total allowable P/ NP credits used for graduation.

June 1, Thurs. • Graduate College: last day for final oral examinations.

July 6, Fri. • Last day to file a Designation of Repeated Course form for a summer course that is not an automatic designated repeat.

July 13, Fri. • Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation.

July 19, Thurs. • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.

July 20, Fri. • Fee payment deadline for summer semester. Final payment due.

July 21, Sat. • Room assignments for Fall 2012 courses displayed on-line.


Aug. 3, Fri. • Summer Session II ends.

Aug. 7, Tues., 2:15 p.m. • Final grades due on WebCT, Bb Learn or AccessPlus.

Aug. 8, Wed. • Grade reports available on AccessPlus.
Resources

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

ISUCard Office  www.adp.iastate.edu/idcard/
ISUCard Office ..................................................................0530 Beardshear ..............................................294-2727

Office of the Registrar  www.iastate.edu/~registrar/
Certifications .................................................................214 Enrollment Services Center .........................294-1840
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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/
Student Answer Center .....................................................Ground Floor Beardshear .................................294-4469

Voter Registration
To learn how to register to vote, or to find out more about voting in Iowa, go to www.sos.state.ia.us/.
Voter registration forms are available in the Office of the Registrar, 214 Enrollment Services Center, and the Student Answer Center, Ground Floor, Beardshear.
Admission

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

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

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

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

Undergraduate students, both nondegree and degree seeking:
Non-international undergraduate students, both degree and nondegree seeking, who are planning to return to Iowa State University after an absence of 12 or more months must complete a reentry form. A student who has previously attended Iowa State only as a non-degree student and who now seeks to earn an undergraduate degree should complete an undergraduate application.

Reentering Students
Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, 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. standing; or (d) since leaving Iowa State, has completed begin
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.
Registration

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

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

To register, follow these steps:

1. Meet with your academic adviser, who will provide the following:
   a. degree audit.
   b. guidance in course selection
   c. Registration Authorization Card, with RAN, if applicable.

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

3. Review your registration start date/time information and any registration hold information on AccessPlus, under Current Information. You must resolve holds on your registration in order to register for classes.

4. Register for courses using the AccessPlus registration system. Room locations for courses will be available on AccessPlus in late April.

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

Initiating Registration

The last day to initiate a new registration for through AccessPlus registration or the Student Scheduling Office in 10 Enrollment Services Center for Summer 2012 is Sunday, May 13.

Cancelling Registration

Notify the Office of the Registrar by 4 p.m. Friday, May 11, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m. Sunday, May 13, 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. - 11 p.m.
- Review your schedule for time conflicts.
- If you need to register for a course that currently has no space available, please attempt to add the course anyway. Requesting a closed course will help departments determine what course demands are still unmet.
- When making a section change within a course, try to add the new section first. If the requested section is open, the previous section will automatically be dropped from your schedule.
- Entering the Registration Access Number (RAN) is no longer required once courses exist on your schedule. If you are already registered, you won’t need to enter the RAN again to change your schedule.
- If you get the message “You have requested a restricted section for which you are not eligible,” click on the Details button on the Search page to view course section restrictions.
- If you are in a learning community, you must add the learning community reference number first before other courses exist on your schedule. You cannot drop a LTM without dropping all associated courses.
Schedule of Classes

http://classes.iastate.edu/

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

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.

AccessPlus

https://accessplus.iastate.edu/

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

• Register for classes
• View or print a current term or future term class schedule
• View residence hall information
• Complete residence hall contract
• Choose dining plan

• Buy Dining Dollars
• Add value to CyCash
• Search for jobs on and off campus
• Sign up for direct deposit of payroll
• View payroll information
• Review, accept/decline, release financial aid
• Sign up for direct deposit of excess financial aid funds
• View, print, and pay university bill
• View or print grades
• Verify address and other personal information
• Update in-session or interim address
• Print unofficial transcript
• Order official transcript
• Print 1098T tuition summary statements for tax reports
Schedule Changes

Dropping and Adding Courses
Procedures for schedule changes vary based on the time period of the semester. The effective date of a schedule change is the date when the change is entered into the registration system.

Schedule change periods are as follows:
Period 1 ends the fifth day of classes in the fall and spring semesters. Schedule changes during period 1 are free and do not require adviser signature. Instructor or departmental approval may be required for adds or section changes for some courses during Period 1. Course drops during this period do not count toward a student's ISU drop limit and will not appear on a student's permanent record. Schedule changes during period 1 may be processed through AccessPlus or presenting a Schedule Change/Restriction Waiver form to the Registrar's Student Scheduling Office, 10 Enrollment Services Center.

Period 2 ends the Friday of week 10 in the fall and spring semesters. During this period, schedule changes require signatures of adviser and instructor and are processed on a Schedule Change/Restriction Waiver form. Completed forms are processed in 10 Enrollment Services Center. A schedule change fee is assessed for adds, drops, and section changes during this period. Course drops after period 1 count toward a student's ISU drop limit and appear as an X on the permanent record. A section change does not require a drop.

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.

R-Credit Courses (required courses)
Processing a scheduling change for a required course is usually considered administrative. There is no fee for administrative schedule changes. Administrative drops do not count toward a student's ISU drop limit and do not appear as an X on the permanent record. To make a Period 3 R-credit drop administrative requires approval of the college dean.

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

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

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

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

Validating Enrollment
To validate their enrollment in each course at the beginning of the semester, students must attend the first or second meeting (first meeting if the class meets only once a week). Students who add a course after the term begins must attend the next class meeting. The instructor has the option to offer a registered place in the course to another student when a registered student fails to attend and has not obtained prior approval of the instructor. Students who do not validate their enrollment must drop the course or they will receive an F grade.
# Summer 2012 Fee Schedule

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

## Tuition & Fees Schedule Per Semester

In effect for Summer 2012. 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>$3,651.50</td>
<td>$9,707.50</td>
</tr>
<tr>
<td>Agricultural Systems Technology &amp; Industrial Technology, Junior &amp; Senior</td>
<td>$4,354.50</td>
<td>$10,407.50</td>
</tr>
<tr>
<td>Architecture, undergraduate</td>
<td>$3,851.50</td>
<td>$9,907.50</td>
</tr>
<tr>
<td>Business Juniors and Seniors (excludes Pre-Business)</td>
<td>$4,492.50</td>
<td>$10,629.50</td>
</tr>
<tr>
<td>Engineering Juniors and Seniors</td>
<td>$4,842.50</td>
<td>$10,833.50</td>
</tr>
<tr>
<td>Graduate (9 or more credits)</td>
<td>$4,182.50</td>
<td>$10,152.50</td>
</tr>
<tr>
<td>Engineering Graduate:</td>
<td>$4,852.50</td>
<td>$10,842.50</td>
</tr>
<tr>
<td>Seed Technology &amp; Business</td>
<td>$5,371.50</td>
<td>$11,341.50</td>
</tr>
<tr>
<td>Veterinary Medicine (12+ credits)</td>
<td>$9,579.50</td>
<td>$21,022.50</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 [http://www.registrar.iastate.edu/fees/](http://www.registrar.iastate.edu/fees/)

### Additional information:

- **Audits and zero credit courses**: assessed according to contact hours; maximum charge for zero credit courses is three credit hours.
- **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.
- **Summer session**: based on per credit as indicated in the fee schedule.
- **Tuition assessment for study abroad credits**: up to a maximum of 12 credits, is above and beyond tuition for other courses taken during the same term.

### Fee Policies and Descriptions: 2012-2013

- **Developmental courses** are assessed additional fees above and beyond tuition for other courses taken during the same term. Fee subject to change without notice.
  - Math 10 - $480
  - Chem 50 - $350
  - Engl 99L - $240
  - Engl 99R - $160
  - Engl 995 - $480
  - Frnch 97, Ger 97 and Span 97 - $294
- **Distance education courses** are assessed at the resident rate and the 2 credit tuition minimum does not apply, with the exception of graduate level research courses.
- **Interim** (partial-semester, between-terms), **audit** (zero-credit), and **in absentia** (research, away from campus study) courses are assessed fees as listed in the current fee schedule.
- **One-half credits** are assessed at the next larger whole number; e.g., 3 1/2 credits are assessed at the 4-credit rate.
- **R-credit** (Required credit) coursework is assessed minimum tuition and fees equal to the 2 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is $278 for undergraduate students and $431 for graduate students.
- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.
Tuition and Fees

Tuition and fees are subject to change without notice.

Payment of Fees
The Accounts Receivable Office bills students for tuition, room, meal plan, and various other university charges. A statement of new charges will be available the first of each month on their AccessPlus account. Students will receive an e-mail message at their Iowa State e-mail address telling them that their bill is available on AccessPlus. It is their responsibility to ensure that the university has a correct e-mail address and to regularly check their Iowa State e-mail account. If they are unable to use AccessPlus to view their bill, they should contact the Accounts Receivable Office to learn the amount of their account balance due. Failure to view a billing statement will not exempt them from late penalties or from having a hold placed on their registration. Payments for summer semester are due May 20. Payments for spring semester are due January 20. Payments for fall semester are due August 20.

Students may pay their university bill (u-bill) electronically on AccessPlus, by dropping off a check (Include Name & ID #) in the drop box behind the Student Answer Center - Ground Floor - Beardshear Hall or in the south door of 1220 Beardshear Hall, or by mailing a check (Include Name & ID #) to the Treasurer’s Office 1220 Beardshear Hall - Ames, IA 50011-2044. Cash Payments are not recommended. If you have cash, you may purchase a cashier’s check made payable to Iowa State University (fee waived) at the University branch of US Bank 2546 Lincoln Way and then mail or drop off your payment. Payments must be received by the due date to avoid penalties. If you have questions regarding your U-Bill you can access your U-Bill on AccessPlus on computers conveniently located behind the Student Answer Center or contact the Receivables Office - 0880 Beardshear Hall - 515-294-7388.

Cancelling Registration
A cancellation is processed when a student notifies the Office of the Registrar, prior to the day class work begins, of their decision not to attend classes for the current semester. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 4:00p.m. Friday, May 11; or drop all of your classes through AccessPlus by 10 p.m., Sunday, May 13.

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 14), 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 catalog at www.catalog.iastate.edu.
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 2012:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Summer Session I</th>
<th>Student Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 16</td>
<td>June 13</td>
<td>10%</td>
</tr>
<tr>
<td>May 18</td>
<td>June 15</td>
<td>25%</td>
</tr>
<tr>
<td>May 23</td>
<td>June 20</td>
<td>50%</td>
</tr>
<tr>
<td>May 25</td>
<td>June 22</td>
<td>75%</td>
</tr>
<tr>
<td>After May 25</td>
<td>After June 22</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 Fess 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 and Building Fee

The activity, services and building fee is a mandatory fee that supports a variety of activities and services for all full time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRide. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged $317.80 each fall and spring semester, and all students will be charged $159.50 for the summer semester.

Exemptions are granted for students exclusively registered for the following: distance education courses (courses with sections beginning with an X); continuous registration courses, or students enrolled under the 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 $40; the international application fee for undergraduates is $50 and for graduate students is $90.

Technology Fee

All students will be charged a computer technology fee each semester. Full-time graduate and undergraduate students enrolled in the College of Engineering (including Systems Engineering) or students majoring in Agricultural Systems Technology or Industrial Technology are charged $223 per semester. Full-time graduate and undergraduate students majoring in Computer Science, or Pre-Computer Science are charged $223. Full-time undergraduate students enrolled in the College of Business except students in Pre-Business are charged $135 per semester, while full-time graduate students are charge $112 per semester. All other full-time undergraduate students will be charged the standard computer fee of $113 per semester. Fulltime graduate students will be assessed $92. Engineering and Computer Science graduate students with graduate assistant appointments will be assessed $111.50. Business graduate students on assistantship will be assessed $56. All other majors, regardless of the number of credits in and the fraction of time they are on appointment will be assessed $46.

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Application Fee

A nonrefundable application fee must accompany the application for admission. The application fee for domestic students (both graduate and undergraduate) is $40; the international application fee for undergraduates is $50 and for graduate students is $90.
Students enrolled less than full-time are assessed prorated technology fees based upon the number of credits in which they are enrolled. Students enrolled exclusively under the Postsecondary Enrollment Options Act; or students enrolled exclusively in courses for which no tuition is assessed are not assessed a computer fee. Technology fee adjustments will be made according to the schedule for a reduction in credits. Refunds for credit reductions below a full time load are 100 percent through the second week for a full semester course, ?, with no refunds after the second week. The tuition adjustment schedule also applies to technology fees for students who withdraw. Students who change their major will be charged the applicable technology fee for the major into which they transfer if the change occurs before the end of the second week. If the change occurs after the second week, then no change in the technology fee assessment will occur. Students who are double majors will be assessed the technology fee rate for the major having the higher rate.

Graduation Fee
The $60.00 graduation fee is assessed to students when they submit an application for graduation. The fee partially covers the cost of such items as diplomas, diploma covers, data processing, personnel, the commencement program booklet, postage and mailing costs of diplomas not distributed at commencement, and the implementation of a new degree audit system. This fee is non-refundable.

Health Facility Fee
All students are assessed an $49 health facility fee for Summer 2012, except for students exclusively registered for the following: distance education courses; 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.

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

New Student Programs/Matriculation Fee
A $195 fee is assessed to all new degree-seeking students prior to admission. This fee does not apply to nondegree seeking students, veterinary medicine students, graduate students, or students enrolled exclusively in distance education courses.

Admissions Acceptance Fee
A nonrefundable application fee must accompany the application for admission. The application fee is $40 for domestic undergraduate and graduate applicants, $50 for international undergraduate applicants ($57 for the online application), and $90 for international graduate applicants.

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

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

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

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

Undergraduate Students
Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The applications are due in 210 Enrollment Services Center by Friday, March 9. Students will be assessed a $60 nonrefundable graduation fee the tenth day of classes. (This fee is subject to change.)

Students will be notified of their graduation status no later than midterm. Graduation mailings will be sent to the in-session address. Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

To update your address, please go to AccessPlus.

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

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

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

Graduate Students
Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may result in the removal of the student's name from the graduation list for Summer 2012.

• An “Application for Graduation” (diploma slip) should be obtained from the student's department and filed in the Graduate College by Friday, May 4.

• Last day for graduate students to cancel graduation, by June 22. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.

• A Request for “Final Oral Examination” form should be obtained from the student's department and submitted to the Graduate College at least three weeks before the final oral examination.

• Final oral examination must be taken by Friday, July 13.

• Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, July 17. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, July 19.

• Signatures must be obtained on the “Graduate Student Approval Slip” by Friday, July 20. This form will be sent to their major professor or department when their “Request for Final Examination” is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.

• Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

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

For more information, contact the Graduate College, 1137 Pearson, (515)294-4531.
Student Records

Degree Audits
The degree audit lists the courses needed to fulfill graduation requirements for a specific degree program. The purpose of the degree audit is to provide assistance to the student and adviser in choosing courses during the registration process, and to verify the student's progress toward graduation.

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

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

Freshman Year Report to High Schools
Board of Regents, State of Iowa universities participate with Iowa high schools in an analysis of freshman year academic performance at the end of their freshman year.

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

Full-Time/Half-Time Student Status
Full-time status is defined as follows:
Undergraduates: 12 credits for fall or spring semester;
Graduates: 9 credits for fall or spring semester.

Half-time status is defined as follows:
Undergraduates: 6 credits for fall or spring semester;
Graduates: 5 credits for fall or spring semester.

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

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

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

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

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

For more complete information about Iowa State University’s grading system, please refer to the Academic Life section of the Iowa State University Undergraduate and Graduate Courses and Programs 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 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>

Proration of fee over period enrolled

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

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

Information Disclosure for Students

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

Policy on Student Names

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

Release of Student Records

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

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

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

Changing an Address on AccessPlus

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

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

1. Go to ISU’s home page at www.iastate.edu
2. Choose Students
3. Choose AccessPlus
4. After logging in using a social security number or university ID and password, choose Address Change.
5. Read the announcements on the main AccessPlus page, then select the Students tab and choose Address Change.

Follow the instructions on the screens for In-Session and Interim address changes.

Changes to Residence Hall and payroll records must be handled directly with those offices.

ISU ALERT

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

Third Party Access

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

Campus Parking
Vehicles operated on campus must be registered at the Parking System Office in 27 Armory. For more information go to the ISU index under Parking Division, DPS.

Students who are not Ames residents may purchase permits to park in lot 29 or 29B, if space is available. If space is not available, they can utilize the free parking and free shuttle bus at the Ann Campbell Transit Hub. These parking lots are just south of Stephens Auditorium. Students living in Ames are urged to take the Cy-Ride bus from their homes to campus.

Child Care
Child Care Administration, a unit of Human Resource Services, supports Iowa State University families by linking them with programs and services that can help meet their child care needs. The university child care coordinator is available to assist families in accessing services available both on the campus and in the community. For more information go to the ISU index under Child Care.

For more information about child care options, contact the university child care coordinator at 515-294-8827.

Child care programs located on campus include:

- Center for Child Care Resources: Assistance in locating campus and community child care services, 100 University Village, Suite 1010, 515-294-8833 or 1-800-437-8599
- University Community Childcare at 100 University Village; 515-294-9838
- The Comfort Zone: Daycare for kids who don’t feel so good, 100 University Village, 515-294-3333.
- Flex-Care: Part time care for children of ISU students, 100 University Village, 515-294-9838.
- University Child Care Center at Veterinary Medicine, 1700 Christensen Drive, 515-294-2273.
- ISU Child Development Laboratory School, 0351 Palmer Building, 515-294-3040.

Student Disability Resources
Student Disability Resources coordinates the support services that students may need in order to reach their fullest academic potential. As part of the Dean of Students Office, Student Disability Resources staff serve as a resource within the university community concerning students who have a documented disability. SDR provides information, support, counseling, education, referral, and awareness to students, faculty, staff, the Ames community, and the state of Iowa. For more information, call 515-294-7220, TTY 515-294-6635, e-mail: disabilityresources@iastate.edu, or online go to the ISU index under Disability Resources, Students.

Identification Card (ISUCard)
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where the lost card will be invalidated. There will be a charge for each replacement of an ISUCard. Disciplinary sanctions may be imposed for improper use of the ISUCard or attempts to obtain, by fraudulent means, any form of identification.

Spouses/Domestic Partners Cards
The Spouse Activity card is available at no charge for spouses, domestic partners, and children of students. These cards provide reduced rates at athletic or C.Y. Stephens events but cannot be used for services such as the Lied Recreation Center, CyCash, or Parks Library. To obtain the card, students must bring proof of marriage or relationship (marriage license, joint insurance cards, joint tax return, etc.) to the Student Answer Center, ground floor Beardshear Hall. The Spouse Activity card is valid for one academic year (fall through summer).

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

**Course Listing Information**
The first line for each course includes the course title as it will appear on transcripts, department abbreviation, course number, and credits or range of credits for the course.

**Course Numbering System**
Courses are numbered from 1 to 699, as follows:
- 1-99: Does not carry credit toward a bachelor's degree.
- 100-299: Primarily for freshmen and sophomores.
- 300-499: Primarily for juniors and seniors.
- 500-599: Primarily for graduate students, but open to qualified undergrads.
- 600-699: For graduate students only.

**Meeting Days and Times for Classes**
Meeting days as well as class start and end times are listed in the course offerings section of this *Schedule of Classes*.

**Special Notes:**
- **COURSE RESTRICTED TO SOPH AND ABOVE**
- **PREREQ: SOPH CLASSIFICATION**

### Table

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Department</th>
<th>Course Number</th>
<th>Number of Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEGAL ENVIRONMT BUS PREREQ: SOPH CLASSIFICATION</td>
<td>ACCT</td>
<td>215</td>
<td>3 CR.</td>
</tr>
</tbody>
</table>

**Course Prerequisites**
A prerequisite indicates the specific academic background or general academic maturity considered necessary for the student to be ready to undertake the course. Prerequisites are usually stated in terms of specific courses, but equivalent preparation is usually acceptable.

It is university policy that the instructor shall inform the students at the beginning of each course if students who have not met the prerequisite requirements must drop the course. Conversely, an instructor may waive the prerequisite for a course for which he or she is responsible. Thus, permission of the instructor is understood to be an alternate to the stated prerequisites in all courses.

Course prerequisites are listed in the Online Schedule of Classes as well as in the Courses and Programs section of this publication.
Auditing Courses

To audit a course means to enroll in the course without receiving credit for the course. Audited courses count towards credit limit but not full-time status. The instructor of the course 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 Centerl.

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

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

Credits Limits
For fall and spring semesters, the credit limit is 18 credits for undergraduates and 15 credits for graduate students. For summer session, the limits are 12 credits for undergraduates and 10 credits for graduate students. Requests to add credits beyond a student's credit limit will be denied. Generally, a student must drop credits before adding another course.
Students may request a change in their credit limit by contacting their adviser. Advisers should notify the student’s college student services office if the credit limit needs to be changed.

**Distance Education Course Information**

All distance education course and program information is available under the ISU index under Distance Education. Information is added and updated frequently on the website.

**Experimental Courses**

Experimental courses (course numbers ending in “X”) are not included in the *Iowa State University Undergraduate and Graduate Courses and Programs* catalog. Course descriptions for experimental courses can be found through the ISU index under Experimental Course Descriptions.

**Late Registration**

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

**Linked Courses**

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

**On-Campus Saturday and Evening Courses**

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

**Partial-Semester Courses**

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

**Pass-Not Pass**

Students must contact their adviser/major professor to determine which courses they may take Pass-Not Pass. To take a course Pass-Not Pass, first add the course through the web registration system on a graded basis, then to declare the course as Pass-Not Pass, the student must obtain the signature of their adviser/major professor located in the Pass-Not Pass section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services Center. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs* catalog.

**Registration Holds**

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

**Restricted Sections of Courses**

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

**Room Assignments**

Beginning Monday, April 22, students may find room assignments by viewing their schedule on AccessPlus.

**Time Conflicts**

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

**Validation of Enrollment**

To validate a 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 2012 summer season, Lakeside will offer one section of the Natural History Workshop. This course has no prerequisites and is designed to serve the needs of teachers, naturalists, conservationists, and anyone else with an interest in Iowa’s natural history. The following section will be offered this summer:

Ia LL 293G-Prairies (June 18-22)

Lakeside Lab Course Descriptions

The following courses will be offered at Iowa Lakeside Laboratory during summer 2012. 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 21-June 15. MTWRF 8-5.

Neil Bernstein, Mount Mercy University

An introduction to the principles of ecology at the organismal, population, community, and ecosystem levels. The course integrates lectures and field studies to examine factors controlling the distribution and abundance of plants and animals in native ecosystems. General topics include climate, microclimates, soil, aquatic environments, responses of organisms to environment, life history, population growth and regulation, demography, species interactions, community composition and structure, landscape ecology, trophic structure and productivity, and biogeochemical cycles. Meets May 21 to June 15, 2012. Prerequisite: two semesters of introductory biology or consent of the instructor.

There is a strong emphasis on field ecology (what do ecologists do?), meaning that students will conduct many field research projects. These require collection, statistical analysis, and the interpretation of data in short reports. [In addition, students will write a scientific paper (full manuscript-style) for one of the research projects.]

Appropriate field clothes and supplies are needed (rain gear, warm clothing, hat, sturdy boots, sunscreen, wading shoes, and insect repellent). The required text is Readings in Ecology by Stanley I. Dodson et al (1999, ISBN 0195133099), which is available from on-line booksellers and should be purchased in advance. An additional optional text is Elements of Ecology (7th edition) by Robert L. Smith and Thomas M. Smith, (ISBN 0321559576) . Students should bring a field pack, statistical calculator, a spiral notebook, and at least one flash drive. Optional items (suggested but not necessary) include a camera, field guides, binoculars, a water bottle, and hip or chest waders. Field trip fee: $70.

Animals and their Ecosystems

Ia LL 333I

Cr. 4. June 18-July 13. MTWRF 8-5.

Michael Lannoo, Indiana University School of Medicine

Identification of vertebrates and invertebrates of the Upper Midwest in a taxonomic, ecological and conservation setting.
After completing this course, students should have a broad working knowledge of the animals of the Central United States. Meets June 18 to July 13, 2012.

The only prerequisite will be a course in introductory biology.

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

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

**Plant Taxonomy**

*La LL 367*

*Crs. 4. June 18-July 13 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. Meets June 18 to July 13, 2012. Prerequisite: two semesters of introductory biology or consent of the instructor.

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


**Prairie Ecology.**

*La LL 422I ((EnSci 422I)*

*Crs. 4. May 23-July 13 MTWRF 8-5.*

**Daryl D. Smith, University of Northern Iowa**

Analysis and interpretation of patterns and the underlying physical and biotic basis for both regional and local distributions of plants and animals of North American prairies via field observation and sampling and laboratory analysis. Meets June 18 to July 13, 2012. Prerequisite: two semesters of introductory biology or consent of the instructor.

Fieldwork will consist primarily of examination and investigation of various prairie communities in northwest Iowa and selected communities in western South Dakota and north-central Nebraska. Prairie communities will be sampled for species composition, richness, and natural quality and analyzed using standard community-analysis techniques. There will also be a six-day field trip to the Badlands and Wind Cave National Parks in South Dakota and the Sandhills of Nebraska. There are two required textbooks: An Illustrated Guide to Iowa Prairie Plants by Paul Christiansen and Mark Muller (University of Iowa Press, 1999, ISBN 0877456615) and a compilation of “Readings in Prairie Ecology.” The Christiansen and Muller book and the “Readings” will be available for purchase on the first day of class. Two sets of field clothes and waterproof field boots or extra shoes are recommended due to wet grass. A calculator, flashlight, sleeping bag and pad, rain gear, hat, and field boots are needed for the western field trip. Field trip fee: $100.

**Soil Formation & Landscape Relationships**

*La LL 463I (563I)*

*Crs. 4. May 21-July 15 MTWRF 8-5.*

**Lee Burras, Iowa State University**

In this course we explore the Lakeside region from the perspective of soils and landscapes. The majority of time is spent in the field where we will become proficient at describing, mapping, classifying and interpreting both natural and human-impacted soils. During either the third or fourth week we will go on a three-night trip where we traverse Iowa in order to develop statewide pedological expertise. There is no required textbook. Rather Dr. Burras will provide to each student the appropriate field manuals, soil surveys and maps needed for this course as well as identify relevant web resources. Appropriate attire includes field boots, hat or cap, rain wear, and clothes suitable for working outdoors with soil. Field trip fee: $140.

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

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

Graduate Internships
Ia LL 503
Cr. 1-5.
Prereq: Permission of instructor and graduate standing.
Placement with county conservation boards, camps, parks, schools, etc., for experience as interpreters, rangers, technicians, and teachers.

Aquatic Ecology
Ia LL 508I (ENSCI 508I, NREM 508I)
Cr. 4. May 21-June 15 -MTWRF 8-5
Christopher Filstrup, Iowa State University
Prereq: Courses in ecology, chemistry, and physics or consent of the instructor.
In this course, students will study the ecological principles of aquatic ecosystems at the population, community, and ecosystem levels. Students will investigate how physical and chemical environments of aquatic ecosystems affect the distribution and composition of aquatic biota, and vice versa. Although the course will focus on lake ecosystems, students will also study the ecology of streams, rivers, and wetlands. Lectures will cover such topics as the origins of lakes and their global distribution, biogeochemical nutrient cycling, phytoplankton and zooplankton ecology, and management of aquatic ecosystems. This course will have a strong field and laboratory component, in which students will learn field techniques and laboratory analyses commonly used by aquatic ecologists. For example, students will learn methods to measure underwater light climate and mixing regimes of lakes; nitrogen and phosphorus analytical techniques; phytoplankton, zooplankton, and benthic macroinvertebrate identification and enumeration techniques; and measures of community metabolism in aquatic ecosystems. Students will also learn statistical analyses and interpretation of ecological data and writing of scientific manuscripts through laboratory reports. Meets May 21 to June 15, 2012.

Ecology and Systematics of Diatoms
Ia LL 508I (EEOB 580I)
Cr. 4. May 23-June 17. MTWRF 8-5.
Mark Edlund, St. Croix Watershed Research Station, Science Museum of Minnesota, and Sarah Spaulding, US Geological Survey and Institute 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 and produce a written species treatment using guidelines for electronic publication. 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. Meets May 21 to June 15, 2012. Prerequisite: two semesters of introductory biology or geology and consent of the instructor.

There is a $130 fee for laboratory supplies and a $60 fee for field trips.

Scholarships are available through Iowa Lakeside Lab including the John C. Kingston Diatom Fellowship, which supports a teaching assistant in the course, and the Charles W. Reimer Scholarship, available to one student each year.

The Hannah T. Croasdale Fellowship is available through the Phycological Society of America (deadline March 1): www.psaalgae.org/website/opportunities/grants/croasdale.html

USA REGISTRATION AND CONTACTS:
Registration: University of Iowa at http://www.continuetolearn.uiowa.edu/lakesidelab/
Instructor: Mark Edlund at mbedlund@smm.org
Instructor: Sarah Spaulding at sarah.spaulding@colorado.edu

Graduate Independent Study
Ia LL 590I (A Ecl 590I, Anthr 590I, EEOB 590I)
Cr. 1-4
Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.

Research
Cr. 1-4
Prereq: Permission of instructor. Contact Iowa Lakeside Laboratory, for additional information.
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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/ for the list of classes offered for the term. Use the spaces provided below to plan the courses they want on their schedule.

B. Meet with your adviser to discuss their courses and to obtain their Registration Access Number (RAN), if required by your college.

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

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

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

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

<table>
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<tr>
<th>Reference #</th>
<th>Department</th>
<th>Course</th>
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Alternative courses

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Notes

Adviser Signature: ___________________________ Date Approved: ___________________________
ACCOUNTING

LEGAL ENVIRONMENT BUS ACCT 215 3 CREDITS
PreReq: Sophomore Classification
Note: Course Restricted to Sophomores and Above
5277005 A MTWR 7:30-9:30
MT: May 14-June 8

FINANCIAL ACCOUNTING ACCT 284 3 CREDITS
PreReq: Not Open to First-Term Freshmen
Note: Course Restricted to Sophomore, Junior, Senior and Special Classifications Only
1110005 A MTWR 9:50-11:50
MT: May 14-June 8

MANAGERIAL ACCOUNTING ACCT 285 3 CREDITS
PreReq: Graduate Students Go to 1200 Gerdin for Permission to Add
1112005 A MTWR 12:10-2:10
MT: June 11-July 6

THE ACCOUNTING CYCLE ACCT 301 1 CREDIT
PreReq: 284
Note: Course Restricted to ACCT, BUS S, BUS U, BUSGC, FIN, LSCM, MGMT, MIS, MKT, OCSM, P BUS, SOC UNDERGRAD MAJORS. Graduate Students Go to 1200 Gerdin for Permission to Add.
Available for nonmajor graduate credit
1078005 W Arranged
MT: June Aug 3

INTMED ACCOUNTING I ACCT 383 3 CREDITS
PreReq: 285 or 301, and 301
1117005 A1 MTWR 9:50-11:50
MT: May 14-June 8
Note: Section A1 Restricted to ACCT Undergrad Majors Only
1117010 A2 MTWR 9:50-11:50
MT: May 14-June 8
Note: Section A2 Restricted to BUS S, BUS U, FIN, LSCM, MGMT, MIS, MKT, OCSM, SCM UNDERGRAD MAJORS. Graduate Students Go to 1200 Gerdin for Permission to Add.

INDEPENDENT STUDY ACCT 490 1-5 CREDITS
PreReq: 285 or 301, and 301
1118005 A MTWR 2:10-4:30
MT: June 11-July 6
Note: Section A1 Restricted to ACCT Majors Only
1118010 A2 MTWR 2:10-4:30
MT: June 11-July 6
Note: Section A2 Restricted to BUS S, BUS U, BUSGC, FIN, LSCM, MGMT, MIS, MKT, OCSM, SCM UNDERGRAD MAJORS. Graduate Students Go to 1200 Gerdin for Permission to Add.

INTRO TO AUDITING ACCT 497 3 CREDITS
PreReq: 384, 387, Stat 326
Note: Course Restricted to ACCT Undergrad Majors Only. Graduate Students Go to 1200 Gerdin for Permission to Add.
Available for nonmajor graduate credit
1126005 A MTWR 12:10-2:10
MT: July 9-Aug 3

SPECIAL TOPICS ACCT 590 1-3 CREDITS
PreReq: Permission of Instructor
Note: Restricted to Business College Graduate Students
****** See Dept for Reference Numbers

CREATIVE COMPONENT ACCT 599 2 CREDITS
PreReq: Admission to the Master of ACCT Program
See Dept for Reference Numbers

ADVERTISING

ADVERTISING PRINCIP ADVRT 230 3 CREDITS
4667005 A MTWR 9:50-11:50
MT: June 11-July 6

AEROSPACE ENGINEERING

INDEPENDENT STUDY AER E 290C 1-2 CREDITS
See Dept for Reference Numbers

COOPERATIVE EDUC AER E 298 R CREDIT
PreReq: Permission of Department and Engineering Career Services
Satisfactory-Fail Only.
****** See Dept for Reference Numbers

AEROSPACE ENGINEERING (CONTINUED)

SUMMER INTERNSHIP AER E 396 R CREDIT
PreReq: Permission of Department and Engineering Career Services
Satisfactory-Fail Only.
****** See Dept for Reference Numbers

COOPERATIVE EDUC AER E 398 R CREDIT
PreReq: 198, Permission of Department and Engineering Career Services
Satisfactory-Fail Only.
****** See Dept for Reference Numbers

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AER E 390A INDEPENDENT STUDY 1-6 CREDITS
****** See Dept for Reference Numbers

AER E 390B INDEPENDENT STUDY 1-6 CREDITS
****** See Dept for Reference Numbers

AER E 390C INDEPENDENT STUDY 1-6 CREDITS
****** See Dept for Reference Numbers

AER E 390D INDEPENDENT STUDY 1-6 CREDITS
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AER E 390E INDEPENDENT STUDY 1-6 CREDITS
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AER E 390F INDEPENDENT STUDY 1-6 CREDITS
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AER E 390G INDEPENDENT STUDY 1-6 CREDITS
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AER E 390H INDEPENDENT STUDY 1-6 CREDITS
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AER E 390J INDEPENDENT STUDY 1-6 CREDITS
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AER E 390P INDEPENDENT STUDY 1-6 CREDITS
****** See Dept for Reference Numbers

SPL TOP AER DYNAMICS AER E 590A 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP AEROS DYNAMICS AER E 590B 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP FLIGHT DYNAMICS AER E 590C 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP SPACECR SYSTEMS AER E 590D 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP AEROS STRUCTURES AER E 590E 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP OPTIMIZATION AER E 590F 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP VISCOUS AERODYNAMICS AER E 590G 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP AERODYNAMICS AER E 590H 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP AEROSPACE ENGINEERING AER E 590I 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP DESCRIBE SYSTEMS AER E 590J 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP ADVANCED AEROSPACE AER E 590K 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP ADVANCED AEROSPACE AER E 590L 1-5 CREDITS
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SPL TOP ADVANCED AEROSPACE AER E 590M 1-5 CREDITS
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SPL TOP ADVANCED AEROSPACE AER E 590N 1-5 CREDITS
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SPL TOP ADVANCED AEROSPACE AER E 590O 1-5 CREDITS
****** See Dept for Reference Numbers

SPL TOP ADVANCED AEROSPACE AER E 590P 1-5 CREDITS
****** See Dept for Reference Numbers

1ST SS 2012
SPL TOP NONDESTR EV AER E 590M 1-5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP WIND ENGR AER E 590N 1-5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
CREATIVE COMPONENT AER E 599 1-5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP AER DYNAMCS AER E 690A 1-5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
ADV TOPC PROPULSION AER E 690B 1-5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP AEROS STRUC AER E 690C 1-5 CREDITS
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ADV TOP FLIGHT DYNA AER E 690D 1-5 CREDITS
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ADV TOP SPACECR SYS AER E 690E 1-5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP FLIGHT CTRL AER E 690F 1-5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP VISCOS AER AER E 690H 1-5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP COMP AERO AER E 690K 1-5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP NONDESTR EV AER E 690L 1-5 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
ENGINEER INTERNSHIP AER E 697 R CREDIT
PreReq: PERMISSION OF DOGE, GRADUATE CLASSIFICATION, And of the Chair of the AFAM Studies Program
8131005 ARRANGED
MEETS: MAY 14-JUNE 3

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

AFRICAN AND AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST AF AM 201 3 CREDITS
PreReq: 12 CREDITS IN AGRICULTURAL EDUCATION
8310005 ARRANGED
MEETS: MAY 14-JUNE 3

INDEPENDENT STUDY AF AM 490 1-3 CREDITS
PreReq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR
8357000 ARRANGED
MEETS: MAY 14-JUNE 8

AGRICULTURAL EDUCATION & STUDIES

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
PreReq: 110
7586005 ARRANGED
MEETS: MAY 14-JUNE 3

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
PreReq: 110
7603005 ARRANGED
MEETS: MAY 14-JUNE 3

PRESENTN STRATEGIES AGEDS 311 3 CREDITS
1272000 F 2:00-5:00, ARRANGED
MEETS: JUNE 1-AUG 3

INTERNSHIP IN AGEDS AGEDS 412 2-6 CREDITS
PreReq: 211, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: Available for nonmajor graduate credit
1386005 1 MWF 12:10-4:00
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $100.00

ENTPRISE MGT:HRVST AGEDS 465B 3 CREDITS
PreReq: ECON 230; 6 CR HORT JUNIOR CLASSIFICATION OR PERMISSION OF INSTRUCTOR
2173005 ARRANGED
MEETS: MAY 14-AUG 3

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

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

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

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

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

IND STU INSTR TCHNL AGEDS 490E 1-3 CREDITS
PreReq: JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY. PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS

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

IND STY ENVIR ISSU AGEDS 490G 1-3 CREDITS
PreReq: JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: PERMISSION OF INSTRUCTOR REQUIRED 1ST WEEK.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS
PreReq: PERMISSION OF INSTRUCTOR, ADVISER, And of the Chair of the AFAM Studies Program
8361005 ARRANGED
MEETS: MAY 14-AUG 3

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

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

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

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

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

SPL TOP LEADERSHIP AGEDS 590F 1-3 CREDITS
PreReq: 12 CREDITS IN AGRICULTURAL EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS
### Agricultural Engineering

#### Simpson 2011

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>A E 298</td>
<td>Cooperative Educ</td>
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<td>Prereq: Permission of Department and Engineering Career Services</td>
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<td>A E 396</td>
<td>SUMMER INTERNSHIP</td>
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<td>Prereq: Permission of Dept &amp; Engr Career Services</td>
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<td>IND STY POWER ENGR</td>
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#### Agricultural Engineering (Continued)

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<td>IND STU PROCES ENG</td>
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<td>Prereq: Permission of DEPT CHAIR, GRAD CLASSIF</td>
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#### Agricultural Education

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<td>SPL TOP DRNCHNL AG</td>
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#### Agricultural Education (Continued)

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AGRONOMY

PROF DEL: WORK EXP AGRON 310 R CREDIT
Satisfactory-Fail Only.
1389005 ARRANGED
MEETS: MAY 14-AUG 3

WORLD FOOD ISSUES AGRON 342 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Meets International perspectives regmt
Available for nonmajor graduate credit
1402005 MTWR 8:40-10:50
MEETS: MAY 14-JUNE 15
Note: Professional support fee $25.00

COOPERATIVE EDUCATN AGRON 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
1411005 ARRANGED
MEETS: MAY 14-AUG 3

SOIL FORMATN&LANDSC AGRON 463I 4 CREDITS
Prereq: 154 OR 260
Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR AGRON 463I MAY BE APPLIED TOWARD GRADUATION
1411005 ARRANGED
MEETS: MAY 14-AUG 3

INDEPENDENT STUDY AGRON 490G 1-3 CREDITS
Prereq: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON INSTRUCTOR PERMISSION IN SPECIALTY AREA AFTER CONSULTATION
Note: NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
1490005 ARRANGED
MEETS: MAY 14-AUG 3

AG INT'L TRVL TOUR AGRON 496A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets International perspectives regmt
9431005 GH ARRANGED
MEATS: MAY 8-30
Note: Field trips & travel fee $150.00

AGROECOLOGY FLD CRS AGRON 497 3 CREDITS
Prereq: JR/SR CLASSIF, 8 CREDITS IN AGRONOMY
1411005 ARRANGED
MEETS: MAY 14-AUG 3

FIELD MTHD PL BRNG AGRON 522 1-2 CREDITS
Prereq: 521
Note: Course only offered for 1 credit Summer 2012 Instructor permission required 1st week.
1448005 T 8:00-12:00
MEETS: MAY 14-AUG 3

APPLIED AG METEOROLOGY AGRON 541 2-3 CREDITS
Prereq: 206 OR UPPER DIVISION BIOLOGICAL SCIENCE
Note: CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
1454005 ARRANGED
MEETS: MAY 14-AUG 3
Note: Section offered for 2 CREDITS

SOIL FORMATN&LANDSC AGRON 563I 4 CREDITS
Prereq: 154 OR 260
Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR AGRON 563I MAY BE APPLIED TOWARD GRADUATION
1430005 MTWF 8:00-9:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab
ANIMAL SCIENCE (CONTINUED)

ANIM SCI INTERNSHIP AN S 399A 2-6 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
1538005 ARRANGED MEETS: MAY 14-Aug 3
SUPERV'D INTERNSHIP AN S 399B R CREDIT
Prereq: PERMISSION OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
2258005 ARRANGED MEETS: MAY 14-Aug 3

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

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

INDEP STDY HONORS AN S 490H 1-3 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY. NO MORE THAN 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD TOTAL CREDITS REQUIRED FOR GRADUATION.
****** SEE DEPT FOR REFERENCE NUMBERS

TEACHING EXP RNC AN S AN S 497 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF AN S 497 MAY BE APPLIED TOWARD TOTAL CREDITS REQUIRED FOR GRADUATION.
****** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

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

SPL TOPICS ETHEOLOGY AN S 590N 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP AN BREED AN S 599A 1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS
****** SEE DEPT FOR REFERENCE NUMBERS
ANIMAL SCIENCE (CONTINUED)

CRTV COMP ANI NUTRI AN S 599B 1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP AN PHYS II AN S 599C 1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP AN ANIMAL SCI AN S 599D 1-8 CREDITS
Prereq: NONTHESIS M.S. STATUS
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

ANIMAL NUTR RES RCH AN S 699B VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

REPROD PHYSICAL RES RCH AN S 699F VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

MUSCLE BIOLOGY RESEARCH AN S 699G VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

POULTRY NUTR RES RCH AN S 699H VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

ANTHROPOLOGY

INTERNSHIP ARCHAEOLOGY ANTHR 434A 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434 MAY BE USED TO SATISFY ANTHR CORRE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR.
Satisfactory-Fail Only.
7718005 A ARRANGED
MEETS: MAY 14-AUG 3

INTERNSHIP CULTURAL ANTHR 434B 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR.
Satisfactory-Fail Only.
1031005 A ARRANGED
MEETS: MAY 14-AUG 3

INTERNSHIP BIOLOGICAL ANTHR 434C 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR. OFFERED FOR 3 CREDITS SUMMER 2011.
Satisfactory-Fail Only.
1072005 A ARRANGED
MEETS: MAY 14-AUG 3

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

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

INDEPENDENT RESEARCH ANTHR 490C 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARDS GRADUATION
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

APPAREL, ED STUDIES & HOSPITALITY MGMT

SUPV WRK EXP 1: HONORS AESHM 170D 1 CREDIT
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARDS GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
1107005 A ARRANGED
MEETS: MAY 14-AUG 3

SUPV WRK EXP 1: VENT AESHM 170F 1 CREDIT
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARDS GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
1113005 A ARRANGED
MEETS: MAY 14-AUG 3

SUPV WRK EXP 1: APPRAISER AESHM 170N 1 CREDIT
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARDS GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
1125005 A ARRANGED
MEETS: MAY 14-AUG 3
APPAREL, ED STUDIES & HOSPITALITY MGMT  (CONTINUED)

P R & EVENT MGMT I  AESHM 271  1- 3 CREDITS
Prereq: Permission of instructor. Course must be taken for 3 credits at first enrollment; can be repeated for 1 credit.
Note: Course must be taken for 3 credits the first time it is taken; then may be repeated for 1 credit.
4556005  1 ARRANGED
MEETS: June 11-Aug 3
Note: Section 1 offered for 3 credits.
Course delivery is WW.

INTNSHP DMH 3NSR EXPC  AESHM 342  3 CREDITS
Note: Meets U.S. diversity reqmt.
4609005  1 ARRANGED
MEETS: May 14-July 6
Note: Course delivery is WW.

U.S. FIELD STUDY  AESHM 380  1- 3 CREDITS
Prereq: 9 cr in T C, JR CLASSIF, MINIMUM 2.0 GPA, PERMISSION BY APPLICATION.
Note: Instructor permission required.
Field trips & travel fee $1,600.00

* SEE DEPT FOR REFERENCE NUMBERS

INTN'L FIELD TRIP  AESHM 381  1- 3 CREDITS
Prereq: 9 cr in AESHM, EVENT, HRI, AND/OR T C; JR CLASSIFICATION. PERMISSION BY APPLICATION.
8774800  CN ARRANGED
MEETS: May 10-24
Note: SEC CN Taught in P. R. CHINA, HONG KONG, SHENZHEN, WUHAN, BEIJING, SHANGHAI, & SUZHOU. APPAREL & TEXTILE DESIGN, MERCHANDISING & PRODUCTION IN CHINA: FROM FIBER TO CONSUMER. STUDY ABROAD SUMMER 2012 Study Abroad Administrative Fee Applies

COOPERATIVE EDUCATN  AESHM 398  R CREDIT
Prereq: Permission of dept chair; JR CLASSIFICATION
1002005  ARRANGED
MEETS: May 14-Aug 3

INTERNSHP FOOD & BEVRG  AESHM 470A  3- 6 CREDITS
Prereq: 311; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; HRI 380 AND 380L; MINIMUM 2.0 GPA
Note: No more than 12 credits from AESHM 170, AESHM 270, and AESHM 470 may be applied toward graduation.

* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LODGING  AESHM 470B  3- 6 CREDITS
Prereq: 311; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; HRI 352; MINIMUM 2.0 GPA
Note: No more than 12 credits from AESHM 170, AESHM 270, and AESHM 470 may be applied toward graduation.

* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP MGT  AESHM 470C  3- 6 CREDITS
Prereq: 311; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; HRI 289; MINIMUM 2.0 GPA
Note: No more than 12 credits from AESHM 170, AESHM 270, and AESHM 470 may be applied toward graduation.

* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP ISU DINING  AESHM 470P  3- 6 CREDITS
Prereq: 311; 9 CREDITS IN AESHM OR HRI; PERMISSION BY APPLICATION; JUNIOR OR SR CLASSIFICATION; MINIMUM 2.0 GPA
Note: No more than 12 credits from AESHM 170, AESHM 270, and AESHM 470 may be applied toward graduation.

* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  AESHM 470F  1- 3 CREDITS
Prereq: 9 cr in AESHM, FCEDS, HRI, AND/OR T C; GRAD CLASSIFICATION. PERMISSION BY APPLICATION.
8776800  CN ARRANGED
MEETS: May 10-24
Note: SEC CN Taught in P. R. CHINA, HONG KONG, SHENZHEN, WUHAN, BEIJING, SHANGHAI, & SUZHOU. APPAREL & TEXTILE DESIGN, MERCHANDISING & PRODUCTION IN CHINA: FROM FIBER TO CONSUMER. STUDY ABROAD SUMMER 2012 Study Abroad Administrative Fee Applies

ARCHITECTURE

PRACTICAL EXPERIENCE  ARCH 310  R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
2544005  ARRANGED
MEETS: May 14-Aug 3

IND STDY DSN COMMN  ARCH 490A  1- 9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.

* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  ARCH 490B  1- 9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.

* SEE DEPT FOR REFERENCE NUMBERS

IND STDY TECHN SYST  ARCH 490C  1- 9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.

* SEE DEPT FOR REFERENCE NUMBERS

IND STDY HIST  ARCH 490D  1- 9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.

* SEE DEPT FOR REFERENCE NUMBERS

IND STDY BEHAV STD  ARCH 490E  1- 9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.

* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT PRACTICE  ARCH 490F  1- 9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.

* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT HONORS  ARCH 490H  1- 9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.

* SEE DEPT FOR REFERENCE NUMBERS
ART & DESIGN (CONTINUED)

ARCHITECTURE

ARC DSIGN/ MEDIA III ARCH 507 5 CREDITS
Prereq: 506, 596, 542, 581
1300005 1 M 8:30-12:00
DMF 8:40-12:00
MEETS: MAY 14-JULY 6
Note: Materials, field trips $1400.00
STUDY ABROAD OPTIONS ARCH 576 1-12 CREDITS
Note: Meets international perspectives reqmt
8672800 CN ARRANGED SHAO P
MEETS: MAY 8-21
Note: SEC CN TAUGHT IN CHINA. FIELD STUDIES IN CHINESE ARCHITECTURE. STUDY ABROAD SUMMER 2012 TAUGHT FOR 3 CREDITS
Study Abroad Administrative Fee Applies
8672805 DE ARRANGED PASSE U
MEETS: JUNE 6-30
Note: SEC DE TAUGHT IN BERLIN, GERMANY. SUMMER ACADEMY BERLIN 2012. STUDY ABROAD SUMMER 2012. OFFERED FOR 3 CREDITS.
Study Abroad Administrative Fee Applies
SERVICE LEARNING ARCH 581 5 CREDITS
Prereq: 506, 596, 542
1719005 1 MTW 1:40-4:00
R 1:40-5:00
MEETS: MAY 14-JULY 6
SPECIAL TOPICS ARCH 590 1-5 CREDITS
Prereq: Written permission of instructor and department chair on approved form
1858800 FR ARRANGED FONTAINE L
MEETS: MAY 8-30
Note: SEC FR TUGHT IN ITALY, SWITZERLAND, GERMANY, THE NETHERLANDS, FRANCE. GRAPHIC DESIGN IN EUROPE.
STUDY ABROAD SUMMER 2012
Study Abroad Administrative Fee Applies
ART HIST IN EUROPE ART 495N 3 CREDITS
Prereq: 494, permission of instructor and department chair on approved form
7552800 IT ARRANGED SCHNIDER P
MEETS: MAY 29-JUNE 26
Note: SEC IT TAUGHT IN ROMA, ITALY. COLLEGE OF DESIGN SUMMER 2012. STUDY ABROAD SUMMER 2012. OFFERED FOR 3 CREDITS.
Materials and equipment use fee
Study Abroad Administrative Fee Applies
STUDIO INTERNSHIP ART 497 1-6 CREDITS
Prereq: Advanced classification in a dept curr, written approval of supervisor in dept and dept chair on required form in advance of semester of enrollment
Note: Instructor permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

ART & DESIGN

GRAPHIC DSIGN IN EUR ART 495G 3 CREDITS
Prereq: 494, permission of instructor and department chair on approved form
Instructor permission required last week
1858800 FR ARRANGED FONTAINE L
MEETS: MAY 8-30
Note: SEC FR TUGHT IN ITALY, SWITZERLAND, GERMANY, THE NETHERLANDS, FRANCE. GRAPHIC DESIGN IN EUROPE.
STUDY ABROAD SUMMER 2012
Study Abroad Administrative Fee Applies
ART HIST IN EUROPE ART 495N 3 CREDITS
Prereq: 494, permission of instructor and department chair on approved form
7552800 IT ARRANGED SCHNIDER P
MEETS: MAY 29-JUNE 26
Note: SEC IT TAUGHT IN ROMA, ITALY. COLLEGE OF DESIGN SUMMER 2012. STUDY ABROAD SUMMER 2012. OFFERED FOR 3 CREDITS.
Materials and equipment use fee
Study Abroad Administrative Fee Applies
STUDIO INTERNSHIP ART 497 1-6 CREDITS
Prereq: Advanced classification in a dept curr, written approval of supervisor in dept and dept chair on required form in advance of semester of enrollment
Note: Instructor permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

ART HISTORY

HISTORY OF ART II ART H 281 3 CREDITS
Note: Meets international perspectives reqmt
1791005 MWF 8:30-12:00
MEETS: MAY 14-JULY 6
INDEPENDENT STUDY ART H 490 1-6 CREDITS
Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment
******* SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY HONORS ART H 490H 1-6 CREDITS
Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment, membership in UNIV HONORS PROGRAM
Note: Course restricted to honors program students only
******* SEE DEPT FOR REFERENCE NUMBERS
SPECIAL TOPICS ART H 590 3 CREDITS
Prereq: Bachelor’s degree in art and/or design, or evidence of satisfactory equivalency in specialized area. Written approval of instructor and department chair on required form in advance of sem of enrollment
******* SEE DEPT FOR REFERENCE NUMBERS

ART:GRAPHIC DESIGN

GRAPHIC DSIGN METHDOLOGY ARTGR 476 3 CREDITS
Prereq: Enrollment in 370 or 371 or 470 or 492
1889005 1 MWF 8:30-12:00
MEETS: MAY 14-JULY 6
GRAPHIC DSIGN INTERNSHIP ARTGR 480 3 CREDITS
Prereq: 377, 12 CR in graphic design; instructor permission, registration in advance of enrollment
7746005 A ARRANGED MEETS: MAY 14-Aug 3
7746010 B ARRANGED MEETS: MAY 14-Aug 3
IND ST THEORY, CRIT ARTGR 490A 1-6 CREDITS
Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment
******* SEE DEPT FOR REFERENCE NUMBERS
IND STU COOP, INTERN ARTGR 490I 1-6 CREDITS
Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment
Note: Permission of instructor required to add.
Process approved add slip in 10 encl. SC
******* SEE DEPT FOR REFERENCE NUMBERS
GRAPHIC DSIGN METHDOLOGY ARTGR 576 3 CREDITS
Prereq: Grad enrollment in College of Design
2058005 1 MWF 8:30-12:00
MEETS: MAY 14-JULY 6
SPL TOPCS THRY, CRIT ARTGR 590A VAR. CREDITS
Prereq: Bachelor’s degree in graphic design, or evidence of satisfactory equivalency in specialized area. Written approval of instructor and department chair on required form in advance of semester of enrollment
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP 2-DIMEN DSN ARTGR 590B VAR. CREDITS
Prereq: Bachelor’s degree in graphic design, or evidence of satisfactory equivalency in specialized area. Written approval of instructor and department chair on required form in advance of semester of enrollment
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP 3-DIMEN DSN ARTGR 590C VAR. CREDITS
Prereq: Bachelor’s degree in graphic design, or evidence of satisfactory equivalency in specialized area. Written approval of instructor and department chair on required form in advance of semester of enrollment
******* SEE DEPT FOR REFERENCE NUMBERS
ART:GRAPHIC DESIGN

CREATIVE COMPONENT
ARTRG 599 VAR. CREDITS

ADVANCED TOPICS
ARTRG 690 VAR. CREDITS
Prereq: MFA CLASSIFICATION, INSTRUCTOR PERMISSION

RESEARCH - THESIS
ARTRG 699 VAR. CREDITS

ART:INTEGRATED STUDIO ARTS

INTR CRTV DGT PHOTO
ARTIS 227 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR

PAINTING I
ARTIS 238 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR

PAINTING II
ARTIS 338 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR

PAINTING III
ARTIS 438 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR

TOPICS STUDIO ART
ARTIS 482 1-3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR

INDEPENDENT STUDY
ARTIS 490B 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR

IND ST COMPUTER A&D
ARTIS 490C 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR

IND ST STUDY DRAWING
ARTIS 490D 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ART: INTEGRATED STUDIO ARTS (CONTINUED)

ASTRONOMY & ASTROPHYSICS (CONTINUED)

1ST SS 2012

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

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

SPL TOP PHOTOGRAPHY ARTS 590J VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Materials fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS

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

SPCL TOPICS FURNITUR ARTIS 590L VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Materials and equipment use fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS

ART: INTERIOR DESIGN

INT DSGN INTERNSHIP ARTID 460 3 CREDITS
Prereq: 350, 360, 365
1846005 A ARRANGED
MEETS: MAY 14-AUG 3

INDEPENDENT STUDY ARTID 490 1-6 CREDITS
Prereq: Written approval of Instr and dept chair on required form in advance of semester of enrollment
******** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONOMY ASTRO 102 1 CREDIT
Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT IN ONLY ONE OF ASTRO 102 OR 103 TOWARDS GRADUATION
8059005 A ARRANGED
MEETS: JUNE 11-AUG 3
Note: Course delivery is WWW

EVENING STAR ASTRO 103 1 CREDIT
Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT IN ONLY ONE OF ASTRO 102 OR 103 TOWARDS GRADUATION
8260005 A ARRANGED
MEETS: JUNE 11-AUG 3
Note: Course delivery is WWW

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS
Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT IN ONLY ONE OF ASTRO 102 OR 103 TOWARDS GRADUATION
1951003 1 MTWF 8:40-9:40
R 8:40-9:40
MEETS: JUNE 11-AUG 3

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

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

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

INDEPENDENT STUDY ASTRO 490 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: No More Than 9 Credits of Astro 490 May Be Applied Toward Graduation
******** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

SURVEY OF BIOCHEM BBMB 301 3 CREDITS
Prereq: CHEM 231 OR 331
Note: AGBIO, BIOCHEMISTRY OR BIOPHYSICS MAJORS MAY NOT APPLY CREDIT FOR BBMB 301 TOWARDS DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE
1999005 MTWRF 8:40-9:40
MEETS: MAY 14-JULY 6

INDEPENDENT STUDY BBMB 490H VAR. CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Materials and equipment use fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY BBMB 490H VAR. CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
******** SEE DEPT FOR REFERENCE NUMBERS

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

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

INTRO DNA TECHNIQS BBMB 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
7099005 1 MTRF 1:00-2:00
MEETS: JUNE 11-26
Note: Materials and equipment use fee $25.00

INTR PROTEIN TECHNQ BBMB 542B 1 CREDIT
Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
7100005 1 MTRF 1:00-2:00
MEETS: JUNE 5-20
Note: Materials and equipment use fee $25.00

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

RESEARCH BBMB 699 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS
### BIOINFORMATICS & COMPUTATIONAL BIOL-UG

#### BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

<table>
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<tr>
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<tr>
<td>BCB 490</td>
<td>1 - 5 CREDITS</td>
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<tr>
<td>BCBIO 211</td>
<td>1</td>
<td>JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR</td>
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</tbody>
</table>
| BCB 490 | 1 - 5 CREDITS | | | *
| BCB 590 | VAR. CREDITS | | | *
| BIOL 173 | 3 CREDITS | | | *
| BIOL 211 | 3 CREDITS | | | *

### BIOLOGY

#### INTRODUCTORY BIOLOGY

<table>
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<tr>
<th>Course Code</th>
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</thead>
</table>
| BIOL 101 | 3 | | A | *SEE DEPT FOR REFERENCE NUMBERS*

#### PRINCIPLES OF BIOLOGY I

<table>
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<tr>
<th>Course Code</th>
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</table>
| BIOL 210 | 3 | HIGH SCHOOL BIOLOGY AND CHEMISTRY OR CREDIT OR ENROLLMENT IN CHM 163 OR 177 | | *SEE DEPT FOR REFERENCE NUMBERS*

### BIomedical SCIENCES

#### INDEPENDENT STUDY

<table>
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<tr>
<th>Course Code</th>
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<th>Notes</th>
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</thead>
</table>
| B M S 490 | 1 - 5 CREDITS | | | *SEE DEPT FOR REFERENCE NUMBERS*
**BIORENEWABLE RESOURCES & TECHNOLOGY**

**SPECIAL TOPICS**

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

**BIORENEW RSOURC LAB**

- **BRT 591L** 1 CREDIT
  - Prereq: PERMISSION OF STUDENT'S MAJOR PROF
  - **SEE DEPT FOR REFERENCE NUMBERS**

**RESEARCH**

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

**BUSINESS ADMINISTRATION**

**CMPT**

**CMPT**

- **BUSD 150** R CREDIT
  - Satisfactory-Fail Only.
  - **MEETS: MAY 14-AUG 3**
  - **Note: Course delivery in WWW**

**INTRO TO BUSINESS**

- **BUSD 250** 3 CREDITS
  - Prereq: 150 OR COM S 103
  - **MEETS: MAY 14-JUNE 8**
  - **Note: SECTION A1 RESTRICTED TO BUSINESS COLLEGE UNDERGRADS ONLY**
  - **MEETS: MAY 14-JUNE 8**
  - **Note: SECTION A2 RESTRICTED TO UNDERGRADS IN COLLEGES OTHER THAN BUSINESS**

**EXP DOMESTIC INTERNSHIP**

- **BUSD 491A** 1 - 3 CREDITS
  - Prereq: WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
  - **MEETS: MAY 14-AUG 3**
  - **Note: Permission of coordinator required.**

**IND STY ENTREPRENR**

- **BUSD 490** 1 - 3 CREDITS
  - Prereq: Instructor permission required.
  - **MEETS: MAY 14-AUG 3**
  - **Note: Instructor permission required.**

**EXP DOMESTIC INTERNS**

- **BUSD 491A** 1 - 3 CREDITS
  - Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS.
  - **MEETS: MAY 14-JUN 3**
  - **Note: SECTION A1 RESTRICTED TO BUSINESS COLLEGE UNDERGRADS ONLY**
  - **MEETS: MAY 14-JUN 3**
  - **Note: SECTION A2 RESTRICTED TO UNDERGRADS IN COLLEGES OTHER THAN BUSINESS**

**INDEPENDENT STUDY**

- **BUSD 490G** 1 - 3 CREDITS
  - Prereq: Instructor permission required.
  - **MEETS: MAY 14-AUG 3**
  - **Note: Instructor permission required.**

**EXP DOMESTIC INTERNS**

- **BUSD 491A** 1 - 3 CREDITS
  - Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS.
  - **MEETS: MAY 14-JUN 3**
  - **Note: SECTION A1 RESTRICTED TO BUSINESS COLLEGE UNDERGRADS ONLY**
  - **MEETS: MAY 14-JUN 3**
  - **Note: SECTION A2 RESTRICTED TO UNDERGRADS IN COLLEGES OTHER THAN BUSINESS**

**EXP INT'L INTERNSH**

- **BUSD 491A** 1 - 3 CREDITS
  - Prereq: Instructor permission required.
  - **MEETS: MAY 14-AUG 3**
  - **Note: Instructor permission required.**

**RESEARCH ANATOMY**

- **BMS 699** VAR. CREDITS
  - **SEE DEPT FOR REFERENCE NUMBERS**

**RESEARCH PHYSIOLOGY**

- **BMS 699** VAR. CREDITS
  - **SEE DEPT FOR REFERENCE NUMBERS**

**RESRCH PHARMACOL**

- **BMS 690C** 1 - 5 CREDITS
  - Prereq: PERMISSION OF INSTRUCTOR
  - **SEE DEPT FOR REFERENCE NUMBERS**

**SEM INAR**

- **BMS 699B** 1 CREDIT
  - Prereq: ENROLLMENT IN B MS GRADUATE PROGRAM
  - **MEETS: JUNE 5-20**

**RES MTHD BIOMED SCI**

- **BMS 501** 3 CREDITS
  - Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A B M S FACULTY MEMBER
  - **SEE DEPT FOR REFERENCE NUMBERS**

**CMPT**

- **BUSD 150** R CREDIT
  - **MEETS: MAY 14-AUG 3**
  - **Note: Instructor permission required.**

**INTRO DNA TECHNIQS**

- **BMS 592A** 1 CREDIT
  - Prereq: GRADUATE CLASSIFICATION
  - **SEE DEPT FOR REFERENCE NUMBERS**

**INTRO TO DNA TECHNIQUES**

- **BMS 592A** 1 CREDIT
  - Prereq: GRADUATE CLASSIFICATION
  - **SEE DEPT FOR REFERENCE NUMBERS**

**BIORENEW RSOURC LAB**

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

**RESEARCH**

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

CHEMICAL ENGR LAB II  CH E 426  2 CREDITS
Prereq: 325, 358, 382
Note: Credit for CH E 426 OR CH E 427, but NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO CH E SENIORS GRADUATING SUMMER 2012.
2448005  A MTWR 9:00-12:00 MTWR 1:00-5:00 MEETS: MAY 14-JUNE 8

UG RESrch/IND STUDY  CH E 490  1- 6 CREDITS
Prereq: PERMISSION OF DEPARTMENT
Note: No more than 6 credits of CH E 490 may be applied towards graduation as technical electives

ENGINEERING CAREER SERVICES

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

COOPERATIVE EDUCATN  BUSAD 490  R CREDIT
Prereq: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

CHEMISTRY

GENERAL CHEMISTRY I  CHEM 177  4 CREDITS
Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR 1 YR H.S. CHEM, OR ENROLLMENT IN CHEM 177.
CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
2495005  A1 MTWR 9:50-10:50 TR 11:00-12:00 MEETS: MAY 14-JULY 6
Section info: http://avogadro.chem.iastate.edu/chem177
Syllabus: http://avogadro.chem.iastate.edu/chem177

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

COOPERATIVE EDUC CH E 398 R CREDIT
Prereq: 298, PERMISSION OF DEPARTMENT EACH TIME TAKEN
CHEMISTRY

LAB GENERAL CHEM I  CHEM 177L  1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN 177
Note: CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 177L, CHEM 177N, CHEM 201L.
2496005 1 MW 11:00-12:00
Note: Materials and equipment use fee $80.00
MEETS: MAY 14-JULY 6
Syllabus: http://avogadro.chem.iastate.edu/chem177/syllabus.html

GENERAL CHEMISTRY II  CHEM 178  3 CREDITS
Prereq: 177L
Note: TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED
2499005 1 MTWR 11:00-12:00
F 11:00-12:00
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $80.00
2499010 2 MTWR 11:00-12:00
MEETS: MAY 14-JULY 6
2499015 3 MTWR 11:00-12:00
F 11:00-12:00
MEETS: MAY 14-JULY 6

LAB GENERAL CHEM II  CHEM 178L  1 CREDIT
Prereq: 177L AND CREDIT OR ENROLLMENT IN 178.
178L IS NOT A NECESSARY COREQUISITE WITH 178.
2500005 1 TR 12:10-1:10
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $80.00

ELEM ORGANIC CHEM  CHEM 231  3 CREDITS
Prereq: 163L, 163L OR 177L, CR OR ENR IN 231L
Note: CREDIT FOR EITHER CHEM 231 OR BMW 221, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231L OR CHEM 331L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
7900005 1 MW 10:50-12:50
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $80.00
7900010 2 TR 10:50-12:50
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $80.00
7900015 3 MW 1:20-2:20
MW 2:20-4:20
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $80.00

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

ORGANIC CHEMISTRY I  CHEM 331  3 CREDITS
Prereq: 178 OR 201L, ENROLLMENT IN 331L HIGHLY RECOMMENDED
Note: CREDIT FOR EITHER CHEM 331 (AND 331L) OR CHEM 231I (AND 331I), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Available for nonmajor graduate credit
2516005 MTWRF 8:40-9:40
MEETS: MAY 14-JULY 6

LAB ORGANIC CHEM I  CHEM 331L  1 CREDIT
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 331I, 177L
Note: CREDIT FOR EITHER CHEM 331L OR CHEM 331L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5270005 1 MW 9:50-10:50
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $90.00
5270010 2 TR 9:50-10:50
TR 10:50-12:50
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $90.00
5270015 3 MW 1:20-2:20
MW 2:20-4:20
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $90.00

CHEMISTRY

ORGANIC CHEMISTRY II  CHEM 332  3 CREDITS
Prereq: 331L, ENROLLMENT IN 332L HIGHLY RECOMMENDED
Note: Available for nonmajor graduate credit
2517005 MTWRF 12:10-1:10
MEETS: MAY 14-JULY 6

LAB ORGANIC CHEM II CHEM 332L  1 CREDIT
Prereq: 331L, CREDIT OR ENROLLMENT FOR CREDIT IN 332
Note: CREDIT IN CHEM 332L OR CHEM 434L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5272005 1 TR 8:40-9:40
TR 9:40-11:40
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $90.00
5272010 2 TR 1:20-2:20
TR 2:20-4:20
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $90.00

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

INDEPENDENT STUDY CHEM 490 VAR. CREDITS
Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION
2527005 ARRANGED
MEETS: MAY 14-AUG 3

COORDINATOR CHEM 398 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4841005 ARRANGED
MEETS: MAY 14-AUG 3

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

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

SEMINR INORGNC CHEM CHEM 600  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2563005 ARRANGED
MEETS: MAY 14-AUG 3

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

CIVIL ENGINEERING

COORDINATOR CHEM 498 R CREDIT
Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
42
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<th>Instructor(s)</th>
<th>Credits</th>
<th>Title</th>
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**Notes:**
- All courses are offered as 3 credits unless otherwise noted.
- Course descriptions and prerequisites vary; please consult the university catalog for detailed information.
- All courses are subject to change and should be confirmed with the course catalog or department for the most accurate information.
COMMUNITY & REGIONAL PLANNING  (CONTINUED)

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

PRACTICUM  C R P 530  1- 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION IN C R P  
Satisfactory-Fail Only.  
2405005 ARRANGED  
MEETS: MAY 14-AUG 3

INTRO GEOG INFO SYS  C R P 551  3 CREDITS  
1985005 ARRANGED  
Note: Course delivery is WWW

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

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

SPL TOPC URBAN DSGN  C R P 590C  1- 3 CREDITS  
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL  
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM  
Note: Instructor permission required 1st week.  
Field trips & travel fee $750.00  
******** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

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

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

COMPUTER ENGINEERING

DIG LOGIC, PROCSR, P 1  CPR E 281  4 CREDITS  
Prereq: SOPHOMORE CLASSIFICATION  
7321005 4 ARRANGED  
MTWRF  9:50-10:50  
TR  2:30-3:30  
MEETS: MAY 14-JULY 6  
7321010 6 ARRANGED  
MTWRF  9:50-10:50  
MN  2:30-3:30  
MEETS: MAY 14-JULY 6

EMBEDDED SYS 1: INTRO  CPR E 288  4 CREDITS  
Prereq: 281, COM S 207 OR 227  
3364005 6 ARRANGED  
MTWRF  8:40-9:40  
TR  12:10-2:10  
MEETS: MAY 14-JULY 6

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

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

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

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

COOPERATIVE EDUCATN  CPR E 498  R CREDIT  
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
******** SEE DEPT FOR REFERENCE NUMBERS

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

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

ENGINEERING INTERNSHIP  CPR E 697  R CREDIT  
Satisfactory-Fail Only.  
7420005 ARRANGED  
MEETS: MAY 14-AUG 3  
Note: Department permission required.

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

COMPUTER SCIENCE

COMPUTER APPLICATNS  COM S 103  4 CREDITS  
2673010 1 ARRANGED  
MEETS: JUNE 11-AUG 3  
Note: Course delivery is WWW  
Section info: http://www.cs.iastate.edu/~cs103w

2673010 2 ARRANGED  
MEETS: JUNE 11-AUG 3  
Note: Course delivery is WWW  
Section info: http://www.cs.iastate.edu/~cs103w

2673015 3 ARRANGED  
MEETS: JUNE 11-AUG 3  
Note: Course delivery is WWW  
Section info: http://www.cs.iastate.edu/~cs103w

APP COMPUTER PROGRAM  COM S 107  3 CREDITS  
2674005 1 ARRANGED  
MEETS: MAY 14-JULY 6  
Note: Course delivery is WWW

FUND CPTR PROGRAM  COM S 207  3 CREDITS  
Prereq: MATH 150 OR PLACEMENT INTO MATH  
140/141/142 OR HIGHER  
Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT  
CANNOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
9235005 1 ARRANGED  
MTWRF  11:00-12:00  
TR  1:20-2:20  
MEETS: MAY 14-JULY 6
CONSTRUCTION ENGINEERING

COOPERATIVE EDUCATN CON E 498 R CREDIT
Prereq: 398, PERMISSION OF DEPT AND ENGINEERING
Satisfactory-Fail Only.

**SEE DEPT FOR REFERENCE NUMBERS**

CRIMINAL JUSTICE STUDIES

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

2578005 A MTWR 8:40-10:14 MEETS: MAY 14-JUNE 22

CRIM 6JUV JUST PRAC CJ ST 460 3-12 CREDITS
Prereq: JR OR SR CLASSIFICATION; PERMISSION
OF CJ ST COORDINATOR; MAJOR OR MINOR IN SOC,
OR CJ ST MINOR
Note: NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE
(SOC 454 & SOC/CJ ST 460) MAY BE APPLIED TOWARD
GRADUATION. NO CREDITS IN SOC/CJ ST 460 MAY BE USED
TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR
SOCIOLOGY MAJORS.
Satisfactory-Fail Only.

2581005 A ARRANGED MEETS: MAY 14-Aug 3

CAREER SERVICES

Prereq: 298, PERMISSION OF DEPT AND ENGINEERING

COOPERATIVE EDUCATN CON E 498 R CREDIT
Prereq: 398, PERMISSION OF DEPT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.

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

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

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

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

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

DSTN Learning Envir C I 503 3 CREDITS
Prereq: 501
2794005 ARRANGED
MEETS: MAY 14-JUNE 15
Note: Instructor permission required.
Course delivery is WWW

Technol in Teacher C I 505 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
2796005 1 MTWR 5:00-8:30 PM
MEETS: JULY 9-26

Intro Science Teach C I 514 2 CREDITS
Prereq: GRADUATE CLASSIFICATION
8372005 MW 5:30-8:30 PM
ARRANGED
MEETS: MAY 7-25

Prin Secondary Educ C I 526 3 CREDITS
Prereq: 6 CREDITS IN EDUCATION
7724005 1 MTWR 1:00-3:00
MEETS: JUNE 11-JULY 6

ED Psych&Secondary Clsr M I 529 3 CREDITS
Prereq: BACHELOR'S DEGREE
8674005 1 MTWR 8:40-10:40
MEETS: JUNE 4-29

Adv Pedag Science Ed C I 546 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
3527005 1 MTWR 2:00-5:00
MEETS: MAY 7-25

Restruc Science Activ C I 548 3 CREDITS
Prereq: Permission of Teacher Education or Teaching License
8417005 MTWR 10:50-1:50
MEETS: MAY 7-25

Corrective Reading C I 552 3 CREDITS
Prereq: 378 OR EQUIV; UNDERGRAD STUDENTS MUST REGISTER CONCURRENTLY FOR SP ED 365, 436; GRADUATE STUDENT MUST HAVE A TEACHING LICENSE
3276005 1 MTWR 12:00-2:30
MEETS: MAY 21-JUNE 17
Note: THE ONLY FRIDAY MTG IS JUNE 1
3276010 2 MTWR 12:00-2:30
MEETS: JUNE 18-JULY 13
Note: NO MEETINGS JUNE 22 JULY 4,5,6

Tech Strgld Adol Rdr C I 553 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
7267005 1 MTWR 9:00-11:30
MEETS: JUNE 4-28

Litracry, Ldrshp, Adv C I 555 3 CREDITS
Prereq: GRADUATE STANDING
9148005 MTWR 9:00-12:00
ARRANGED
MEETS: JUNE 13-29
Note: THE ARRANGED TIME REPRESENTS WWW WORK

Technol in Read&Lang C I 556 3 CREDITS
Prereq: Teaching License
1285005 1 MTWR 8:00-12:00
MEETS: MAY 7-18

Technology for Teachr C I 570 2 CREDITS
Prereq: 1 201
5622005 MTWR 8:30-11:30
MEETS: JUNE 4-8
ECONOMICS

PRIN MICROECONOMICS ECON 101 3 CREDITS
Prereq: Course only offered for 3 credits summer 2012
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
3100010 1 MTWR 11:00-12:00
MEETS: JUNE 11-AUG 3
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

PRIN MACROECONOMICS ECON 102 3 CREDITS
Prereq: 101 recommended
3099005 1 MTWF 8:40-9:40
MEETS: MAY 14-JULY 6
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

INTERMED MICROECON ECON 301 3-4 CREDITS
Prereq: 101; 207 or Math 166
Note: Course only offered for 3 credits summer 2012
Available for nonmajor graduate credit
3101005 1 MTWF 9:50-10:50
MEETS: JUNE 11-AUG 3
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

INDEPENDENT STUDY ECON 490 1-5 CREDITS
Prereq: Grad classification
Satisfactory-Fail only.
** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS ECON 599 1-5 CREDITS
Satisfactory-Fail only.
** SEE DEPT FOR REFERENCE NUMBERS

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

COOPERATIVE EDUC ECON 498 R CREDIT
Prereq: Permission of the dept cooperative education coordinator, senior classification
Note: Permission of advisor required.
4836005 ARRANGED
MEETS: JUNE 11-AUG 3

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

CREATIVE COMPONENT ECON 599 1-5 CREDITS
** SEE DEPT FOR REFERENCE NUMBERS

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

WORKSHOP ECON 693 1-3 CREDITS
Prereq: 6 graduate credits in chosen field
Satisfactory-Fail only.
8649005 ARRANGED
MEETS: MAY 14-AUG 3

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

EDUCATIONAL ADMINISTRATION

ADV SPECIAL TOPICS EADM 690 1-3 CREDITS
Prereq: 9 credits in educational administration
** SEE DEPT FOR REFERENCE NUMBERS

DISSERTATION RESEARCH EADM 699 VAR. CREDITS
Prereq: 9 credits in education
** SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY & EVOLUTIONARY BIOLOGY

SPECIAL TOPICS EEB 590 1-3 CREDITS
Prereq: Grad classification and instr permission
** SEE DEPT FOR REFERENCE NUMBERS

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

ECOLOGY, EVOLUTION & ORGANISMAL BIO

INTRO DNA TECHNIQS EEOB 542A 1 CREDIT
Prereq: Graduate classification
Satisfactory-Fail only.
7105005 1 MTWF 1:00-2:00
MEETS: JUNE 11-26
Note: Materials and equipment use fee $25.00

INTR PROTEIN TECHNQ EEOB 542B 1 CREDIT
Prereq: Graduate classification
Satisfactory-Fail only.
7109005 1 MTWF 1:00-2:00
MEETS: JULY 5-20
Note: Materials and equipment use fee $25.00

ECOL & SYST DIATOMS EEOB 580I 4 CREDITS
Note: Permission of Lakeside Lab Office required
http://www.continuelotlearn.uiowa.edu/lakesidelab/3889005
MTWF 8:00-9:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab

SPCL TOPICS ECOLOGY EEOB 590A 1-3 CREDITS
Prereq: 10 CR in Biol, instructor permission
** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EVOLUT BIOI EEOB 590B 1-3 CREDITS
Prereq: 10 CR in Biol, Instructor permission
** SEE DEPT FOR REFERENCE NUMBERS

GRAD IND STUDY IA LL EEOB 590I 1-4 CREDITS
Prereq: 10 CR in Biol, Instructor permission
Note: Permission of Lakeside Lab Office required
http://www.continuelotlearn.uiowa.edu/lakesidelab/3981005 1 ARRANGED
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab

CREATIVE COMPONENT EEOB 599 VAR. CREDITS
2145005 ARRANGED
MEETS: MAY 14-AUG 3

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

RESEARCH - IA LL EEOB 699I 1-4 CREDITS
Note: Permission of Lakeside Lab Office required
http://www.continuelotlearn.uiowa.edu/lakesidelab/5628005 1 ARRANGED
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab

5628010 2 ARRANGED
MEETS: JUNE 18-JULY 13
Note: Tuition Category: Iowa Lakeside Lab
ELECTRICAL ENGINEERING

ELECTRONICS CIRCUITS E E 201 4 CREDITS
Prereq: CR OR REGISTRATION IN MATH 267 AND PHYS 222
Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
2120005 1 M 8:00-9:00 5:00-6:00
M 8:00-9:00 5:00-6:00
MEETS: MAY 14-JULY 6
Note: Materials fee $60.00

ELECTRONIC CIRCUITS SYS E E 230 4 CREDITS
Prereq: 201, MATH 267, PHYS 222
4639005 1 M 11:00-12:00 6:00-7:00
MEETS: MAY 14-JULY 6
Note: Materials fee $50.00

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

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

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

MICROELECTRONICS E E 432 4 CREDITS
Prereq: PHYS 222, MATH 267, E E 332 OR MAT E 334 RECOMMENDED.
9222005 1 ARRANGED
MEETS: JUNE 11-AUG 3
Note: Materials fee $100.00

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

INDEPENDENT HONORS E E 490H VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
Note: Course restricted to honors program students only
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

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

MICROELECTRONICS E E 532 4 CREDITS
Prereq: PHYS 222, MATH 265, EE 332 OR MAT E 331 RECOMMENDED.
8880005 1 ARRANGED
MEETS: JUNE 11-AUG 3
Note: Materials fee $300.00

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

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

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

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

SPL TOP ELECTRIC FWR E E 590F 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP ELECTRIC CIR E E 590H 1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

ENGINEERING MECHANICS

STATICS OF ENGINEER E M 274 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 166.
CREDIT OR ENROLLMENT IN PHYS 111 OR 221
3004005 1 MTWF 8:40-9:40
MEETS: MAY 14-JULY 6

MECHANICAL OF MATERIALS E M 324 3 CREDITS
Prereq: 274
Note: Available for nonmajor graduate credit
3007005 1 MTWF 9:50-10:50
MEETS: MAY 14-JULY 6

MECHANICS OF MATERIALS E M 327 1 CREDIT
Prereq: 274
Note: Available for nonmajor graduate credit
3008005 1 MTWF 11:00-12:00
MEETS: MAY 14-JULY 6

DYNAMICS E M 345 3 CREDITS
Prereq: 274, CR OR REGISTRATION IN MATH 266 OR 267.
Note: Course restricted to engineering majors only.
Available for nonmajor graduate credit
3010005 1 MTWF 8:40-9:40
MEETS: MAY 14-JULY 6

MECHANICS OF FLUIDS E M 378 3 CREDITS
Prereq: 274
Note: Course restricted to engineering majors only.
Available for nonmajor graduate credit
3013005 1 MTWF 7:30-8:30
MEETS: MAY 14-JULY 6

INDEPENDENT STUDY E M 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
<table>
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<tr>
<th>Course</th>
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<td>STUDIES IN FILM ENGL 335</td>
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CR WRIT WKSHP FICTN ENGL 404 3 CREDITS
Prereq: 304
3353005 A MTWF 9:50-10:50
MEETS: JUNE 11-AUG 3

INTERN BUS,PRO COMM ENGL 487 1-3 CREDITS
Prereq: JUNIOR CLASSIF; PERMISSION OF COORDINATOR;
9 CR IN 309,313,314,415 (PREFERRED),416, OR 477
Note: Department permission required.
9099005 ARRANGED
MEETS: MAY 14-AUG 3

IND STDY LITERATURE ENGL 490A VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU LINGUISTICS ENGL 490B VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY RHETORIC ENGL 490C VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY READING ENGL 490E VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ENGL 490H VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND BUS/TCH CMN ENGL 490G VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ENGL 490H VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM
STUDENTS ONLY.
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

TCHG BUS/TECHN CMN ENGL 504 3 CREDITS
Prereq: M.A. IN ENGLISH OR CLOSELY RELATED FIELD;
MUST BE TEACHING ENGL 302, 309 OR 314 CONCURRENTLY
3388005 A ARRANGED
MEETS: MAY 14-AUG 3

ADV WKSHP ACAD WRIT ENGL 508 3 CREDITS
5107005 A MWF 6:15-8:45PM
MEETS: MAY 14-JULY 6

ENGLISH (CONTINUED)

LANGU ASSESS PRACTM ENGL 513 3 CREDITS
Prereq: 519
8728005 A ARRANGED
MEETS: MAY 14-AUG 3

TESL METHODS&MASTERS ENGL 518 3 CREDITS
Prereq: 511 OR AN INTRO COURSE IN LINGUISTICS
5190005 A TR 3:30-5:15PM
MEETS: JUNE 25-AUG 3

AUTOBIOG,BIO,MEMOIR ENGL 541 3 CREDITS
Prereq: 6 CREDITS IN LITERATURE
3271005 A TR 6:10-8:50PM
MEETS: MAY 29-JULY 6

ENVIRO NFIELD EXPKR ENGL 560 3 CREDITS
Prereq: 555, GRAD CLASSIFICATION. OPEN TO
GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND
ENVIRONMENT ONLY WITH PERMISSION.
8229005 A ARRANGED
MEETS: MAY 14-AUG 3
Note: Instructor permission required.

INTERN BUS,PRO COMM ENGL 587 1-3 CREDITS
Prereq: 507 PLUS 3 ADDITIONAL GRAD CR IN BUSINESS
& TECHNICAL WRITING OR COMPOSITION & RHETORIC, INSTR
PERMISSION. LIMITED TO MASTER’S AND DOCTORAL DEGREE
Note: Instructor permission required.
3425005 ARRANGED
MEETS: MAY 14-AUG 3

PR TCH ENG 2ND LANG ENGL 588 3 CREDITS
Prereq: 15 CREDITS TOWARD TESL CERTIFICATE,
PLUS 9 CREDITS TOWARD MASTER’S DEGREE, OR
COMPLETION OF ALL OTHER REQUIREMENTS FOR M-2
ESL TEACHER ENTRAINMENT
3426005 A ARRANGED
MEETS: MAY 14-AUG 3
Note: Professional support, field trips &/or travel fee $25.00

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

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

SPL TOP RHE TOMPRM ENGL 590C VAR. CREDITS
Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE
ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP CRE TV WRIT ENGL 590H VAR. CREDITS
Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE
ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
******* SEE DEPT FOR REFERENCE NUMBERS

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

STDY&TRVL:CRTV WRIT ENGL 595A VAR. CREDITS
Prereq: PERMISSION FOR DEPARTMENT INSTRUCTOR
5985000 IE ARRANGED
MEETS: MAY 10-JUNE 2 PETT 3
Note: SEC IE IRELAND: DUBLIN, SLIGO, DOOLIN, DINGLE.
"ON THE ROAD IN IRELAND: A TRAVELING WRITER’S
WORKSHOP" STUDY ABOARD SUMMER 2012
Study Abroad Administrative Fee Applies

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

PRACTCM TEC 6LINGUI ENGL 688 3 CREDITS
E IN ENGLISH OR CLOSELY RELATED FIELD;
MLE: ENGLISH OR CLOISELY RELATED FIELD;
MUST BE TEACHING ENGL 302, 309 OR 314 CONCURRENTLY
7633005 A ARRANGED
MEETS: MAY 14-AUG 3

RESEARCH ENGL 699 VAR. CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
MAJOR PROFESSOR
******* SEE DEPT FOR REFERENCE NUMBERS
INTRO TO INSECTS  EN  201  1 CREDIT
5197005 W ARRANGED
MEETS: MAY 14-JUNE 15
Note: Course delivery is WWW
Section info: http://www.ent.iastate.edu/dept/courses/

IND STU RESrch/Work  EN  490E  1-3 CREDITS
PreReq: 15 CR IN BIOL SCI, JR OR SR CLASSIF
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STdy Lab teach  EN  490U  1-3 CREDITS
PreReq: 15 CR IN BIOL SCI, JR OR SR CLASSIF
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP CHEM ECOLgy  EN  590B  1-3 CREDITS
PreReq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&Pest mg  EN  590C  1-3 CREDITS
PreReq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP Evolv&Systemat  EN  590D  1-3 CREDITS
PreReq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP Rsrch Topcs  EN  590E  1-3 CREDITS
PreReq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP MolEcular  EN  590G  1-3 CREDITS
PreReq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TcHng Exper  EN  590K  1-3 CREDITS
PreReq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP Extnts Intrn  EN  590L  1-3 CREDITS
PreReq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP Immatur Ins  EN  590M  1-3 CREDITS
PreReq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP Popul Genet  EN  590N  1-3 CREDITS
PreReq: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

Seminar  EN  600  1 CREDIT
5345005 A M 3:40-4:50
MEETS: MAY 14-AUG 3
Section info: http://www.ent.iastate.edu/dept/courses/

Research  EN  699 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

EcoLogy  ENSCI 312  4 CREDITS
PreReq: BIOL 211L AND 212L
4996005 A MTWR 9:50-11:05
MW 12:10-3:00
MEETS: MAY 14-JULY 6
Note: Materials, field trips & travel fee $62.00
4996010 B MTWR 9:50-11:05
TR 12:10-3:00
MEETS: MAY 14-JULY 6
Note: Materials, field trips & travel fee $62.00
4996015 C MTWR 9:50-11:05
TR 3:10-6:00PM
MEETS: MAY 14-JULY 6
Note: Materials, field trips & travel fee $62.00

ECOLOGY  ENSCI 312I  4 CREDITS
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
5038005 1 MTWR 8:00-5:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab
5038010 2 MTWR 8:00-5:00
MEETS: JUNE 18-JULY 13
Note: Tuition Category: Iowa Lakeside Lab

ENVIRONMENTAL SCIENCE
(Continued)

INTERNship Envi Sci  ENSCI 390 VAR. CREDITS
PreReq: APPROVAL OF ENVIRONMENTAL SCI COORDINATOR
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

APPrenticeship  ENSCI 391 VAR. CREDITS
PreReq: APPROVAL OF THE ENVIR SCI SCIENCE COORDINATOR
Note: Permission of Coordinator required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

FLD Methd Hydrogeol  ENSCI 409  3 CREDITS
PreReq: 402 OR 411 OR C E 473
3081005 MTWR 8:00-5:00
MEETS: MAY 7-18
Note: Equipment use and field trips & travel fee $200.00

Prairie Ecolgy  ENSCI 422I  4 CREDITS
PreReq: FAMILIARITY WITH BASIC PRINCIPLES IN BIOLOGICAL SCIENCES AND ECOLOGY
Note: Available for nonmajor graduate credit
Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
5041005 MTWR 8:00-5:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab

InDIPEnduSty  ENSCI 490 VAR. CREDITS
PreReq: INSTRUCTOR PERMISSION, APPROVAL OF
ENVIRONMENTAL SCIENCE COORDINATOR
******* SEE DEPT FOR REFERENCE NUMBERS

Aquatic Ecolgy  ENSCI 508I  4 CREDITS
PreReq: COURSES IN ECOLOGY, CHEMISTRY AND PHYSICS
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
5043005 MTWR 8:00-5:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab

Fld Methd Hydrogeol  ENSCI 509  3 CREDITS
PreReq: GEOG 411 OR C E 473
3095005 MTWR 8:00-5:00
MEETS: MAY 7-18
Note: Equipment use and field trips & travel fee $200.00

InDIPEnduSty  ENSCI 563I  4 CREDITS
PreReq: AGREEMENT OF ENSCI 463 OR
IA LL/AGRON/ENSCI 463/563I BUT NOT BOTH,
Note: May be used toward graduation
Available for nonmajor graduate credit
Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
1941005 MTWR 8:00-5:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab

SOL FormatN&LANDsc  ENSCI 463I  4 CREDITS
PreReq: AGRON 154 OR 260
Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR
IA LL/AGRON/ENSCI 463/563I BUT NOT BOTH,
Note: May be used toward graduation
Available for nonmajor graduate credit
Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
5041005 MTWR 8:00-5:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab

SOL FormatN&LANDsc  ENSCI 563I  4 CREDITS
PreReq: GEOG 411 OR C E 473
Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR
IA LL/AGRON/ENSCI 463/563I BUT NOT BOTH,
Note: May be used toward graduation
Available for nonmajor graduate credit
Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3380005 MTWR 8:00-5:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab

EcoLogy  ENSCI 590 VAR. CREDITS
Note: Permission of Professor in ENVIRONMENTAL SCIENCE FACULTY
******* SEE DEPT FOR REFERENCE NUMBERS

EnvironmNTl BioloGY  ENS  S 173  3 CREDITS
2022005 A ARRANGED
MEETS: MAY 14-AUG 3
Note: Course delivery is WWW
Section info: http://lasonline.iastate.edu/biol173

World Food Issues  ENS  S 342  3 CREDITS
PreReq: JUNIOR CLASSIFICATION
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
1733005 P MTWR 8:40-10:50
MEETS: JUNE 18-JULY 13
Note: Professional support fee $25.00

EnvironmNTal StudIES
ENVIRONMENTAL STUDIES (CONTINUED)

ENVIRN POLIT&POLICI
ENV S 383
3 CREDITS
Prereq: Sophomore classification
7581010
A MTHRFB 8:40-10:00
MEETS: MAY 14-JUNE 22

INTERNSH ENVIR STDI
ENV S 390
VAR. CREDITS
Prereq: Approval of the Envs Coordinator
Instructor permission required.

******
SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY
ENV S 490
VAR. CREDITS
Prereq: Permission of instructor and approval of Envs Coordinator

******
SEE DEPT FOR REFERENCE NUMBERS

FAMILY&CONSUMER SCIENCES ED&STUDIES

INDEP STUDY GENERAL
FCEDS 490G
VAR. CREDITS
Prereq: Departmental Approval
******
SEE DEPT FOR REFERENCE NUMBERS

SHRT CRSE OCCUPA ED
FCEDS 500F
1- 3 CREDITS
Prereq: 6 credits in PCQ or Education
Note: Course only offered for 3 credits Summer 2012
4007005
1 MTHRFB 8:00-9:50
ARRANGED
MEETS: JULY 16-20

SPL TOP OCCUPATN ED
FCEDS 590F
VAR. CREDITS
Prereq: 9 grad credits in FCEDS
******
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT
FCEDS 599
VAR. CREDITS
Prereq: Grad credits in FCEDS
******
SEE DEPT FOR REFERENCE NUMBERS

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

FINANCE

PRINCIP OF FINANCE
FIN 301
3 CREDITS
Prereq: ACCT 284, ECON 101, STAT 226
Note: Course not open to P BUS Majors. Grad students go to 1200 Geradin for permission to add.
3689005
A1 MTHRFB 12:10-2:10
MEETS: MAY 14-JUNE 8
Note: Section A1 Restricted to ACCT, AG B, AN S, BUS S, BUS U, BUSSEC, DI S, FIN, LSCM, MGMT, MIS, MKT, OSMC, SCM Undergrad Majors. Concurrent Enrollment or Prior Credit in SCM 301 is Recommended for this enrollment block. Next semester enrollment block includes MGMT 370 and MGMT 340.
3689010
A2 MTHRFB 12:10-2:10
MEETS: MAY 14-JUNE 8
Note: Section A2 for Majors Other than ACCT, AG B, AN S, BUS S, BUS U, BUSSEC, DI S, FIN, I BUS, I R, LOMIS, LSCM, MGMT, MIS, MKT, OSMC, P BUS, SCIS, SCM

CORPORATE FINANCE
FIN 310
3 CREDITS
Prereq: 301
Note: Course not open to P BUS majors.
3691005
A MTHRFB 9:50-11:50
MEETS: JUNE 11-JULY 6

INVESTMENTS
FIN 320
3 CREDITS
Prereq: 301
Note: Course restricted to ACCT, AG B, BUS S, BUS U, BUSSEC, FIN, LSCM, MGMT, MIS, MKT, OSMC, SCM Majors.
3692005
A MTHRFB 7:30-9:30
MEETS: JUNE 11-JULY 6

FINAN MKTS&INSTITUT
FIN 330
3 CREDITS
Prereq: 301
Note: Course restricted to FIN Majors Only
6829005
A MTHRFB 9:50-11:50
MEETS: JULY 9-AUG 3

REAL ESTATE PRINCIP
FIN 371
3 CREDITS
Prereq: ECON 101
Note: Course restricted to FIN Majors Only
3690005
A MTHRFB 9:50-11:50
MEETS: MAY 14-JUNE 8

INDEPENDENT STUDY
FIN 490
1- 3 CREDITS
Prereq: 301, STAT 326, Permission of instructor
Process approved add slip in 10 enrollment services center
Instructor permission required.

******
SEE DEPT FOR REFERENCE NUMBERS

FINANCE (CONTINUED)

BANKING INTERNSHIP
FIN 499A
1- 3 CREDITS
Prereq: 330, STAT 326; GPA 2.5; Permission of Internship Coordinator
Satisfactory-Fail Only.
9403005
ARRANGED
MEETS: MAY 14-AUG 3

INSURANCE INTERNSHIP
FIN 499B
1- 3 CREDITS
Prereq: 361; STAT 326; GPA 2.5; Permission of Internship Coordinator
Satisfactory-Fail Only.
9555005
ARRANGED
MEETS: MAY 14-AUG 3

INTERNS REAL ESTATE
FIN 499C
1- 3 CREDITS
Prereq: 301 plus 3 additional credits in Finance;
STAT 326; GPA 2.5; Permission of Internship Coordinator
Satisfactory-Fail Only.
3098005
ARRANGED
MEETS: MAY 14-AUG 3

INTERNSHIP INVESTMT
FIN 499D
1- 3 CREDITS
Prereq: 310, STAT 326, GPA 2.5; Permission of Internship Coordinator
Satisfactory-Fail Only.
6516005
ARRANGED
MEETS: MAY 14-AUG 3

INTERNSHIP:CORPORATE
FIN 499E
1- 3 CREDITS
Prereq: 310, STAT 326, GPA 2.5; Permission of Internship Coordinator
Satisfactory-Fail Only.
2736005
ARRANGED
MEETS: MAY 14-AUG 3

SPECIAL TOPICS
FIN 590
1- 3 CREDITS
Prereq: Permission of instructor
Note: Restricted to Business College Graduate students
******
SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION

WORLD FOOD ISSUES
FS HN 342
3 CREDITS
Prereq: Junior classification
Note: meets international perspectives reqmt
1923005
MTHR 8:40-10:50
MEETS: MAY 14-JUNE 15
Note: Professional support fee $25.00

IND STUDY DIETETICS
FS HN 490A
1- 6 CREDITS
Prereq: Permission of Instructor
Note: No more than 6 Credits of 490 may be applied toward Graduation
******
SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY FOOD SCI
FS HN 490B
1- 6 CREDITS
Prereq: Permission of Instructor
Note: No more than 6 Credits of 490 may be applied toward Graduation
******
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NUTRITION
FS HN 490C
1- 6 CREDITS
Prereq: Permission of Instructor
Note: No more than 6 Credits of 490 may be applied toward Graduation
******
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INT'L EXP
FS HN 490D
1- 6 CREDITS
Prereq: Permission of Instructor
Note: No more than 6 Credits of 490 may be applied toward graduation
******
SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY HONORS
FS HN 490H
1- 6 CREDITS
Prereq: Permission of Instructor, Membership in University Honors Program
Note: No more than 6 Credits of 490 may be applied toward Graduation
Students only.
******
SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK DIETETICS
FS HN 491A
1- 4 CREDITS
Prereq: Advance Approval of Instructor & Adviser
Note: No more than 4 Credits of FS HN 491A,B,C,D may be applied toward Graduation
Satisfactory-Fail Only.
******
SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK FOOD SCI
FS HN 491B
1- 4 CREDITS
Prereq: Advance Approval of Instructor & Adviser
Note: No more than 4 Credits of FS HN 491A,B,C,D may be applied toward Graduation. Course only offered for 3 credits summer 2012.
Satisfactory-Fail Only.
******
SEE DEPT FOR REFERENCE NUMBERS
FOOD SCIENCE & HUMAN NUTRITION

SUPR WORK NUTRITION FS HN 491C 1-4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C,D MAY BE APPLIED TOWARD GRADUATION
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK CULINARY FS HN 491D 1-4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: NO MORE THAN 4 CREDITS OF FS HN 491A,B,C,D MAY BE APPLIED TOWARD GRADUATION
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

SERV LEARN HUM NUTR FS HN 494 1 CREDIT
Prereq: 360. PERMISSION OF INSTRUCTOR REQUIRED WHEN TAKING COURSE A SECOND TIME.
Satisfactory-Fail Only.
9028005 ARRANGED
MEETS: MAY 14-JULY 6

TRAVEL - INTERNATNL FS HN 496A 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
6298805 IN ARRANGED
REDDY M
MEETS: MAY 10-JUNE 1
Note: SEC IN TAUGHT IN INDIA, KARNATAKA STATE. FOOD, NUTRITION & HEALTH: SERVICE LEARNING IN INDIA.
STUDY ABOARDSUMMER 2012 OFFERED FOR 3 CREDITS
Study Abroad Administrative Fee Applies
6295800 ST ARRANGED
SVENSDEN L
MEETS: JUNE 30-JULY 14
Note: SEC SF TAUGHT IN VALLADOLID, SPAIN. SPANISH CUISINE: FROM THE OLD WORLD TO THE NEW CUISINE.
STUDY ABOARDSUMMER 2012 TAUGHT FOR 3 CREDITS
Study Abroad Administrative Fee Applies

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

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
7123005 1
MTWRF 1:00-2:00
MTWRF 2:00-4:00
MEETS: JUNE 11-26
Note: Materials and equipment use fee $25.00

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
7124005 1
MTWRF 1:00-2:00
MTWRF 2:00-4:00
MEETS: JULY 5-20
Note: Materials and equipment use fee $25.00

DIETTC INTRNSHP III FS HN 556 5 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 554 AND 555.
FOR DIETETIC INTERNSHIP PROGRAM STUDENTS ONLY.
3077800 GH ARRANGED
ANDERSON J
MEETS: MAY 21-JUNE 22
Note: SEC GH TAUGHT IN ASEMA, UPPER MANYA KROBO DISTRICT OF GHANA, AFRICA. COMMUNITY DIETETICS INTERNSHIP ORIENTATION IN RURAL GHANA. STUDY ABOARDSUMMER 2012.
Study Abroad Administrative Fee Applies

SPCL TOPICS NUTRITN FS HN 590A 1-3 CREDITS
Prereq: INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FOOD SCI FS HN 590B 1-3 CREDITS
Prereq: INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING FS HN 590C 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT FS HN 599 VAR. CREDITS
3213005 1 ARRANGED
MEETS: MAY 14-AUG 3

SEMINAR FS HN 681 1 CREDIT
3648005 ARRANGED
MEETS: MAY 14-AUG 3

SPECIAL PROBLEMS FS HN 690 VAR. CREDITS
Prereq: 502 OR 503 OR 504 OR 553 OR 554
******* SEE DEPT FOR REFERENCE NUMBERS

FOREST BIOLGY RSrch FS HN 699 1-12 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTARY FRENCH I FRNCH 101 4 CREDITS
3803005 1
MTWRF 8:40-11:40
MEETS: MAY 14-JUNE 8
Note: Materials and equipment use fee $25.00

ELEMENTARY FRENCH II FRNCH 102 4 CREDITS
Prereq: 101
Note: Meets international perspectives reqmt
3804005 1
MTWRF 8:40-11:40
MEETS: JUNE 11-JULY 6
Note: Materials and equipment use fee $25.00

FR FILM STU IN ENGL FRNCH 378 3 CREDITS
6267005 1
MTWRF 8:30-12:00
MEETS: MAY 14-JUNE 8
Note: Materials and equipment use fee $25.00

STUDY ABOROAD FRNCH 395 1-10 CREDITS
Prereq: 2 YEARS UNIVERSITY-LEVEL FRENCH
Note: Meets international perspectives reqmt
Department permission required.
3820005 RG ARRANGED
MEETS: MAY 20-JUNE 30
Note: SECTION RG IS REGENTS EXCHANGE PROGRAM IN LYON, FRANCE
Tuition Category: Regents Summer Study Abroad
FRENCH (CONTINUED)

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

GENETICS

PRINCIP OF GENETICS GEN 313 3 CREDITS
Prereq: BIOL 211L & 212L, CREDIT OR ENROLLMENT IN ORGANIC CHEMISTRY
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIO/AGRON 313/301 AND 313L/301L, GEN/AGRON 320
9559005 1 MTWRF 8:40-9:40
MEETS: MAY 14-JULY 6

GENETICS LABORATORY GEN 313L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN 313
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIO/AGRON 313/301 AND 313L/301L, GEN/AGRON 320
9560005 1 MTWR 9:50-10:50
MTWR 11:00-12:00
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $225.00
9560010 2 MTWR 9:50-10:50
MTWR 11:00-12:00
MEETS: MAY 14-JULY 6
Note: Materials and equipment use fee $225.00

GENETICS RESEARCH GEN 490H 1-5 CREDITS
Prereq: GEN/BIO/AGRON 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
******** SEE DEPT FOR REFERENCE NUMBERS

GENETICS RESEARCH GEN 490R 1-5 CREDITS
Prereq: GEN/BIO/AGRON 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: AG COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 12 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
******** SEE DEPT FOR REFERENCE NUMBERS

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

GENETICS - INTERDISCIPLINARY

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

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
9316005 ARRANGED
MEETS: MAY 14-AUG 3

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

GENETICS, DEVELOPMENT & CELL BIOL

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
7089005 1 MTWRF 1:00-2:00
MTWRF 2:00-4:00
MEETS: JUNE 11-26
Note: Materials and equipment use fee $25.00

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
7092005 1 MTWRF 1:00-2:00
MTWRF 2:00-4:00
MEETS: JULY 5-20
Note: Materials and equipment use fee $25.00

SPECIAL TOPICS GDCB 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2012
******** SEE DEPT FOR REFERENCE NUMBERS

GENETICS, DEVELOPMENT & CELL BIOL (CONTINUED)

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

RESEARCH - IA LL GDCB 699I 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3967005 1 ARRANGED
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab
3967010 2 ARRANGED
MEETS: JUNE 18-JULY 13
Note: Tuition Category: Iowa Lakeside Lab

GEOLOOGY

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

SUMMER FIELD STUDY GEOL 302 6 CREDITS
Prereq: 102, 256, 368
Note: Available for nonmajor graduate credit
3881005 1 ARRANGED
MEETS: MAY 26-JULY 6
Note: Tuition Category: Camp fee

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

SPL TOP SURFIC PROC GEOL 590A 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH GEOL 590B 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOL 590C 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLOGY GEOL 590D 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPS PETROLOGY GEOL 590E 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SPLCL TOP STRUCTURAL GEOL 590F 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SPLCL TOPICS GEOCHEM GEOL 590G 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPS HYDROGEOIL GEOL 590H 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

SPL TOP ISOTP GCHEM GEOL 590O 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

**Note: Tuition Category: Iowa Lakeside Lab**

**Note: Tuition Category: Iowa Lakeside Lab**

**Note: Tuition Category: Iowa Lakeside Lab**
APPRENTICESHIP  GLOBE 221  R CREDIT
6652005  ARRANGED  MEETS: MAY 14–AUG 3

INDEPENDENT STUDY  GLOBE 290  1–2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
8851005  ARRANGED  MEETS: MAY 14–AUG 3
Note: Instructor permission required.

INTERNSHIP - GLOBAL  GLOBE 321  3–6 CREDITS
Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR; INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
8676005  ARRANGED  MEETS: MAY 14–AUG 3
Note: Instructor permission required.

INTERNSHIP - U.S.  GLOBE 322  3–6 CREDITS
Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR; INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
8684005  ARRANGED  MEETS: MAY 14–AUG 3
Note: Instructor permission required.

SENIOR PROJECT  GLOBE 401  3 CREDITS
6799005  ARRANGED  MEETS: MAY 14–AUG 3

INDEPENDENT STUDY  GLOBE 490A  1–4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
7770005  ARRANGED  MEETS: MAY 14–AUG 3

IND STU ENTREPRENR  GLOBE 490E  1–4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE APPLIED TOWARD GRADUATION
8687005  ARRANGED  MEETS: MAY 14–AUG 3

INDEP STUDY HONORS  GLOBE 490H  1–4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE APPLIED TOWARD GRADUATION
6817005  ARRANGED  MEETS: MAY 14–AUG 3

SERVICE LEARN INT'L  GLOBE 494A  VAR. CREDITS
3089800  UG ARRANGED  NONNECKE G
MEETS: MAY 14–AUG 3
Note: Instructor permission required.

GERONTOLOGY

APPRENTICESHIP  GLOBE 221  R CREDIT
6652005  ARRANGED  MEETS: MAY 14–AUG 3

INDEPENDENT STUDY  GLOBE 290  1–2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
8851005  ARRANGED  MEETS: MAY 14–AUG 3
Note: Instructor permission required.

INTERNSHIP - GLOBAL  GLOBE 321  3–6 CREDITS
Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR; INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
8676005  ARRANGED  MEETS: MAY 14–AUG 3
Note: Instructor permission required.

INTERNSHIP - U.S.  GLOBE 322  3–6 CREDITS
Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR; INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
8684005  ARRANGED  MEETS: MAY 14–AUG 3
Note: Instructor permission required.

SENIOR PROJECT  GLOBE 401  3 CREDITS
6799005  ARRANGED  MEETS: MAY 14–AUG 3

INDEPENDENT STUDY  GLOBE 490A  1–4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
7770005  ARRANGED  MEETS: MAY 14–AUG 3

IND STU ENTREPRENR  GLOBE 490E  1–4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE APPLIED TOWARD GRADUATION
8687005  ARRANGED  MEETS: MAY 14–AUG 3

INDEP STUDY HONORS  GLOBE 490H  1–4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE APPLIED TOWARD GRADUATION
6817005  ARRANGED  MEETS: MAY 14–AUG 3

SERVICE LEARN INT'L  GLOBE 494A  VAR. CREDITS
3089800  UG ARRANGED  NONNECKE G
MEETS: MAY 14–AUG 3
Note: Instructor permission required.
GRADUATE STUDIES

PREP FAC TCHG PRACT  GR ST 587  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, 585, CR FOR OR CONCURRENT ENROLLMENT IN 586
7679005
MEETS: MAY 14-AUG 3
Note: Instructor permission required.

PREP FTR FAC SLP TP  GR ST 588  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, 585, CREDIT FOR OR CONCURRENT ENROLLMENT IN 586
8341005
MEETS: MAY 14-AUG 3
Note: Instructor permission required.

EXAMINATION ONLY  GR ST 600  R CREDIT
3972005
MEETS: MAY 14-AUG 3

REQUIRED ENROLLMENT  GR ST 601  R CREDIT
Note: College permission required.
4482005
MEETS: MAY 14-AUG 3

PRACTICAL TRAINING  GR ST 697  R CREDIT
6905005
MEETS: MAY 14-AUG 3
Note: THE REQUIRED APPROVAL SIGNATURE SHOULD BE OBTAINED IN 1137 PEARSON HALL
College permission required.

HEALTH STUDIES

1ST AID &EMERG CARE  H S 105  2 CREDITS
4081005 1 MTWRF 7:30-9:40
MEETS: MAY 14-JUNE 8
Note: Materials and equipment use fee $50.00
4081010 2 MTWRF 11:00-1:00
MEETS: JULY 9-AUG 3
Note: Materials and equipment use fee $50.00

CONSUMER HLTH  H S 110  3 CREDITS
4082005 1 MTWRF 9:50-11:50
MEETS: MAY 14-JUNE 8

HUMAN DISEASES  H S 350  3 CREDITS
Prereq: 110 AND BIOL 255,256
4086005 1 MTWRF 11:00-12:40
MEETS: MAY 14-JUNE 22

FIELD EXPERIENCE  H S 485  1-16 CREDITS
Prereq: ALL REQUIRED H S COURSES, PERMISSION OF COORDINATOR
Note: Instructor permission required.
Satisfactory-Fail Only.
4095005
MEETS: MAY 14-AUG 3

INDEPENDENT STUDY  H S 490  1-3 CREDITS
Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

HIGHER EDUCATION

HIGHER EDUC IN U.S.  HG ED 504  3 CREDITS
4111005 1 MTWRF 5:00-8:00PM
MEETS: MAY 14-JUNE 8

COLLEGE TEACHING  HG ED 561  3 CREDITS
4112005 1 MT 8:30-4:30
MEETS: MAY 29-JUNE 18

SPL TOP STDT SERVIC  HG ED 590A  1-4 CREDITS
Prereq: 6 GRADUATE CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

HIGHER EDUCATION (CONTINUED)

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

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

SP TOP INSTNL RES  HG ED 590G  1-4 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN  HG ED 591  1-4 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

ADV SPECIAL TOPICS  HG ED 690  1-4 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  HG ED 699  VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

HISTORICAL, PHILOSOPHICAL & COMP ED

STUDI FOUND AMER ED  H P C 504  3 CREDITS
Prereq: ADMISSION TO GRADUATE LICENSURE PROGRAM IN TEACHER EDUCATION OR PERMISSION OF INSTRUCTOR
2604010 1 MTWRF 9:50-12:40
MEETS: JULY 9-27

SPCL TOP HIST OF ED  H P C 590A  1-5 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHIL OF ED  H P C 590B  1-5 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPC COMPAR ED  H P C 590C  1-5 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

HISTORY

SURVEY U.S. HIST II  HIST 222  3 CREDITS
4156005 1 MTWRF 9:50-11:50
MEETS: JUNE 11-JULY 6

ENGLAND 1525-1700  HIST 325  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
4169005 1 MTWRF 9:50-11:50
MEETS: JULY 9-AUG 3

U.S. 1945-PRESENT  HIST 361  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
4220005 1 MTWRF 9:50-11:50
MEETS: MAY 14-JUNE 8

THE AMERICAN WEST  HIST 465  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Available for nonmajor graduate credit
4224005

INDEPENDENT STUDY  HIST 490  1-3 CREDITS
Prereq: 9 CREDITS IN HISTORY; PERMISSION OF DEPARTMENT CHAIR
Note: Course not open to freshmen. No more than 6 CREDITS OF HIST 490 MAY BE APPLIED TOWARD GRADUATION WITH A MAJOR IN HISTORY. NO CREDITS OF HIST 490 MAY BE APPLIED TOWARD A MINOR IN HISTORY.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

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

HORT MGT EXPERIENCE HORT 391 1 CREDIT
Prereq: 221, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMENTS.
12 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.

COOPERATIVE EDUCATION HORT 398 R CREDIT
Satisfactory-Fail Only.
3652005 ARRANGED
MEETS: MAY 14-AUG 3

ENTREPRENEURSHIP HORT 465B 3 CREDITS
Prereq: ECON 230; 6 CR HORT; JUNIOR CLASSIFICATION OR PERMISSION OF INSTRUCTOR
2169005 ARRANGED
MEETS: MAY 14-AUG 3

IND ST GREENHS CROP HORT 490A VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION

IND STudy NURS CROPS HORT 490B VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION

IND STudy TURFGRASS HORT 490C VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION

IND STudy VEG CROPS HORT 490E VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION

IND STudy CROSS-COMMOD TURFGRASS HORT 490F VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION

IND ST LANDSCP HORT HORT 490G VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION

INDEPENDENT STUDY HORT 490H VAR. CREDITS
Prereq: JUNIOR OR 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 Honors Program students only.
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS PROGRAM STUDENTS ONLY.

HORTICULTURAL WORKSHOP HORT 493 VAR. CREDITS
Available for nonmajor graduate credit
7617005 ARRANGED
MEETS: MAY 14-AUG 3

7617010 MR ARRANGED
MEETS: MAY 14-AUG 3
Note: SECTION MR OFFERED FOR 3 CREDITS, STUDENTS MUST PROVIDE OWN TRANSPORTATION TO HORT RESEARCH STATION.

HOTEL RESTAURANT & INSTITUTION MGMT

IND ST HOSPITALITY MGT HR 490B VAR. CREDITS
Prereq: PROGRAM APPROVAL
Note: Instructor permission required 1st week.

IND ST LODGING OPER MR 490D VAR. CREDITS
Prereq: PROGRAM APPROVAL
Notes: Instructor permission required 1st week.
HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

IND STU FOODSRV OP HRI 490E VAR. CREDITS
Prereq: PROGRAM APPROVAL
Note: Instructor permission required 1st week.

** See dept for reference numbers

INDEP STUDY HONORS HRI 490H VAR. CREDITS
Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Instructor permission required 1st week.

** See dept for reference numbers

INTERNSHIP FOODSERV HRI 491A 2 CREDITS
Prereq: 193, 287, 352 OR 380, 380L; ADVISOR APPROVAL
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.

** See dept for reference numbers

PRO EXPRNC FD&LODG HRI 575 2 CREDITS
Prereq: ACCEPTED IN HRIM GRADUATE PROGRAM

** See dept for reference numbers

SP TOP HOSPITALITY MGT HRI 590B VAR. CREDITS
Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
Instructor permission required 1st week.

** See dept for reference numbers

SPL TOP CMMSRC FDSRV HRI 590E VAR. CREDITS
Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT
Instructor permission required 1st week.

** See dept for reference numbers

CREATIVE COMPONENT HRI 599 VAR. CREDITS
Note: Instructor permission required 1st week.

** See dept for reference numbers

ADV HOSP FINANC MGT HRI 633 3 CREDITS
Prereq: 433
4397005 1 MTNRF 8:00-5:00 MEETS: JUNE 11-15

ADV HR MGT HOSPITALITY HRI 638 3 CREDITS
Prereq: 538
4400005 1 MTNRF 8:00-5:00 MEETS: JUNE 4-9

ADV TOP HOSPITALITY MGT HRI 690B VAR. CREDITS
Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT

2664005 1 MTNRF 8:00-5:00 MEETS: JUNE 18-22
Note: SECTION 1 OFFERED FOR 3 CREDITS
2664031 LT ARRANGED MEETS: MAY 14-AUG 3
2664080 TZ ARRANGED MEETS: MAY 14-AUG 3

RESEARCH HRI 699 VAR. CREDITS
Prereq: ENROLLMENT IN PH.D. PROGRAM
Note: Instructor permission required 1st week.

** See dept for reference numbers

HUMAN COMPUTER INTERACTION

SPECIAL TOPICS HCI 590 VAR. CREDITS

** See dept for reference numbers

HCI EMERGNG PRACTCS HCI 596 3 CREDITS
Prereq: 521
3340005 A TR 6:00-9:00PM MEETS: MAY 14-AUG 3

CREATIVE COMPONENT HCI 599 3 CREDITS
Satisfactory-Fail Only.
6700005 ARRANGED MEETS: MAY 14-AUG 3

HCI INTERNSHIP HCI 697 R CREDIT
Prereq: GRAD CLASSIFICATION, PERMISSION OF DIRECTOR OF GRADUATE EDUCATION

** See dept for reference numbers

RESEARCH HCI 699 VAR. CREDITS
Satisfactory-Fail Only.

** See dept for reference numbers

HUMAN DEVELOPMENT & FAMILY STUDIES

FLD EXP FAMILY SERV HDS 317B 1-6 CREDITS
Prereq: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION

Satisfactory-Fail Only.

** See dept for reference numbers

FLD EXP CARE 5+YROLD HDS 317D 1-6 CREDITS
Prereq: 226, PERMISSION OF INSTRUCTOR

Satisfactory-Fail Only.

** See dept for reference numbers

FLD EXP INF/TODDLER HDS 317E 1-6 CREDITS
Prereq: 340, PERMISSION OF INSTRUCTOR

Satisfactory-Fail Only.

** See dept for reference numbers

FLD EXPNL RESEARCH HDS 317F 1-6 CREDITS
Prereq: 269, PERMISSION OF INSTRUCTOR

Satisfactory-Fail Only.

** See dept for reference numbers

FLD EXPNL EARLY CHIL HD FS 317A 1-6 CREDITS
Prereq: 341, PERMISSION OF INSTRUCTOR

Satisfactory-Fail Only.

** See dept for reference numbers

RESEARCH HDS 499 1-6 CREDITS
Prereq: PROGRAM OF STAFF MEMBER WITH WHOM STUDENT PROPOSED TO WORK

** See dept for reference numbers

SPCL TOP FAMILY STU HDS 590A VAR. CREDITS

** See dept for reference numbers

SPL TOPICS HOUSING HDS 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

** See dept for reference numbers

SPL TOP FAMILY FINAN HDS 590C VAR. CREDITS

** See dept for reference numbers

SPL TOP HUMAN DEVELOP HDS 590D VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

** See dept for reference numbers

SPL TOP CHILD DEVELOP HDS 590E VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

** See dept for reference numbers

SPL TOP EARLY EDUC HDS 590F VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

** See dept for reference numbers

SPL TOP EARLY SP ED HDS 590G VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

** See dept for reference numbers

SP TOP HUMAN, FAMILY HDS 590I VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

** See dept for reference numbers
HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

SPL TOPICS THERAPY HD FS 590M VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMILY POLICY HD FS 590N VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSH FAM STUDI HD FS 591A VAR. CREDITS
Prereq: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERN FAMILY FINAN HD FS 591C VAR. CREDITS
Prereq: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

RSRCH FAMILY STUDIE HD FS 699A VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HOUSING HD FS 699B VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY FINANC HD FS 699C VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CHLDND ED HD FS 699F VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CHILD DEV HD FS 699E VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HUMAN DEV HD FS 699D VAR. CREDITS
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

HUMAN SCIENCES

IND STDY ENTREPRNSH H SCI 490E 1-4 CREDITS
5101003 ARRANGED
MEETS: MAY 14-AUG 3
Note: Instructor permission required.

IMMUNOBIOLOGY

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

INDUSTRIAL DESIGN

INDU DSN STUDY ABRD IND D 495X 6 CREDITS
Prereq: IND D 301, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
6351800 IT ARRANGED RINGHOLZ D
MEETS: MAY 29-JUNE 26
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER HOME PROGRAM. STUDY ABROAD SUMMER 2012 OFFERED FOR 6 CREDITS Study Abroad Administrative Fee Applies

SPECIAL TOPICS IND D 590X 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN INDUSTRIAL DESIGN STUDY OR PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

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

ENGR ECONOMIC ANALY I E 305 3 CREDITS
Prereq: MATH 366
Note: Available for nonmajors graduate credit
4425005 MTWRF 11:00-12:00
MEETS: MAY 14-JULY 6

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

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

INTDISC SYS Effctv I E 409 3 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
5998005 MTWRF 8:30-9:30
MEETS: MAY 7-18
Note: MEETS 8:30-4:30 MAY 7-11; MEETS 1-5:30 MAY 14-18

MANUFACT SYSTM ENGR I E 448 3 CREDITS
Prereq: 246, 305
Note: Available for nonmajor graduate credit
6090005 MTWRF 8:40-9:40
MEETS: MAY 14-JULY 6

IND STDY MANUFACTG I E 490A 1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU HUMAN FACTR I E 490B 1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU OPER RESrch I E 490C 1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STU ENTRPRISE CMP I E 490D 1-5 CREDITS
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENGR MGT I E 490E 1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU HONORS I E 490H 1-5 CREDITS
Prereq: SR CLASSIFICATION, PERMISSION OF INSTR
UNIV HONORS PROGRAM MEMBERSHIP
Note: COURSE LIMITED TO HONORS PROGRAM STUDENT ONLY
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 498 R CREDIT
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS I E 590 1-3 CREDITS
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP IND ENGR I E 599A VAR. CREDITS
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER RES I E 599C VAR. CREDITS
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

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

ENGINEER INTERNSHIP I E 697 R CREDIT
Prereq: PERMISSION OF DEPARTMENT
Note: Department permission required.
Satisfactory-Fail Only.
7999005 ARRANGED
MEETS: MAY 14-AUG 3

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

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

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
4480005 ARRANGED
MEETS: MAY 14-AUG 3

THESIS RESEARCH IGS 699 VAR. CREDITS
4481005 ARRANGED
MEETS: MAY 14-AUG 3

INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CREDITS
Note: COURSE OFFERED FOR 1 CREDIT SUMMER 2012
Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
9092005 MTWRF 8:00-5:00
MEETS: JUNE 18-22
Note: Tuition Category: Iowa Lakeside Lab

UNDERGRAD INTERNSHP IA LL 303I 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, SOPH STANDING
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3707005 MTWRF 8:00-5:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab
3707010 2 MTWRF 8:00-5:00
MEETS: JUNE 18-JULY 13
Note: Tuition Category: Iowa Lakeside Lab

ANIMALTHEIR ECOSYS IA LL 333 4 CREDITS
Prereq: INTRODUCTORY BIOLOGY
Note: Available for nonmajor graduate credit
Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
7156005 MTWRF 8:00-5:00
MEETS: JUNE 18-JULY 13
Note: Tuition Category: Iowa Lakeside Lab

PLANT TAXONOMY IA LL 367 4 CREDITS
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3748005 MTWRF 8:00-5:00
MEETS: JUNE 18-JULY 13
Note: Tuition Category: Iowa Lakeside Lab

SOIL FORMATN&LANDSC IA LL 463I 4 CREDITS
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3707005 MTWRF 8:00-5:00
MEETS: JUNE 18-JULY 13
Note: Tuition Category: Iowa Lakeside Lab

PRAIRIE ECOLOGY IA LL 422I 4 CREDITS
Prereq: FAMILIARITY WITH BASIC PRINCIPLES IN BIOLOGICAL SCIENCES AND ECOLOGY
Note: Available for nonmajor graduate credit
Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3830005 MTWRF 8:00-5:00
MEETS: JUNE 18-JULY 13
Note: Tuition Category: Iowa Lakeside Lab

UG INDEP STDY IA LL 490I 1-4 CREDITS
Prereq: SR CLASSIFICATION AND PERMISSION OF INSTRUCTOR
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3707005 MTWRF 8:00-5:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab
3984005 MTWRF 8:00-5:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab
3984010 2 MTWRF 8:00-5:00
MEETS: JUNE 18-JULY 13
Note: Tuition Category: Iowa Lakeside Lab
**UNDERGRAD RESEARCH**  
IA LL 499 1-4 CREDITS  
Prereq: JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF INSTRUCTOR  
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab  
3565005 1 ARRANGED  
MEETS: MAY 21-JUNE 15  
Tuition Category: Iowa Lakeside Lab  
3565010 2 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab  
3859005 1 ARRANGED  
Note: Tuition Category: Iowa Lakeside Lab  

**GRADUATE INTERNSHIPS**  
IA LL 503 1-5 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR & GRADUATE STANDING  
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab  
3860005 MTWRF 8:00-5:00  
MEETS: MAY 21-JUNE 15  
Tuition Category: Iowa Lakeside Lab  
3888005 MTWRF 8:00-5:00  
MEETS: MAY 21-JUNE 15  
Tuition Category: Iowa Lakeside Lab  

**SOIL FORMAT&LANDSC**  
IA LL 563I 4 CREDITS  
Prereq: AGRON 154 OR 260  
Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR IA LL/AGRON/ENSCI 4631/5631 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
3263005 MTWRF 8:00-5:00  
MEETS: MAY 21-JUNE 15  
Tuition Category: Iowa Lakeside Lab  

**ECOL & SYST DIATOMS**  
IA LL 580I 4 CREDITS  
Prereq: ENGL 250 OR TESTOUT; A SCORE OF 26 OR HIGHER ON ACT ENGLISH EXAM, OR A SCORE OF 590 OR HIGHER ON THE SAT VERBAL EXAM, OR A PASSING SCORE ON THE SCHOOL'S ENGLISH USAGE TEST  
Note: For Adv., JL MC, P ADV, P J, JL MC MAJORS ONLY  
Department permission required.  
3465005 MTWRF 8:00-10:00  
MEETS: JUNE 14-JULY 6  
Syllabus: http://www.jlmc.iastate.edu/undergrad /syllabi.html  

**SKIL DY:MLTME MLNTRL**  
JL MC 390K 3 CREDITS  
Note: SEC IT TAUGHT IN ITALY, URBINO, LE MARCHE REGION OF ITALY. THE URBINO PROJECT, MULTIMEDIA REPORTING IN ITALY. STUDY ABROAD Administrative Fee Applies  
39165000 IT ARRANGED  
CHAMBERLIN D  
MEETS: JUNE 2-30  
Note:Available for nonmajor graduate credit  

**ETHNIC,GENDER&MEDIA**  
JL MC 477 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION  
Note: Meets U.S. diversity reqmt  
3454005 MTWRF 8:00-10:00  
MEETS: MAY 1-JUNE 8  

KINESIOLOGY (CONTINUED)

BASIC ATHLETIC TRAIN KIN 220 2 CREDITS
Prereq: BIOL 155 or 255 and 256
Note: Instructor permission required 1st week.
5729005 1 MTWRF 9:50-11:50
MEETS: MAY 14-JUNE 8
Note: Materials fee $25.00

PHYS FITNESS & Conn KIN 258 2 CREDITS
Prereq: MAJOR IN KINESIOLOGY OR HEALTH
Note: CREDIT FOR EITHER EX SP/KIN 163 OR EX SP/KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
RESTRICTED TO D EKA, D EXH, KIN H, PDEKA, PDEKH, MAJORS ONLY.
5732005 1 MTR 8:40-10:20
MEETS: JUNE 11-JULY 19
Note: Materials and professional support fee $25.00

ADV STRENGTH TRAINNG KIN 266 2 CREDITS
Prereq: 258, 259
7421005 MTR 9:50-12:20
MEETS: MAY 14-JUNE 8
Note: Materials and equipment use fee $25.00

ELEM&PRE SCH MVMT ED KIN 284 3 CREDITS
Prereq: 3 CREDITS IN HUMAN DEVELOP & FAMILY STUDIES
Note: CREDIT FOR EITHER EX SP/KIN 275/312 OR EX SP/KIN 284, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5737005 1 MTR 1:20-4:20
MEETS: JUNE 11-JULY 6
Note: Materials and equipment use fee $25.00

PRE-INTERNS KINESIO KIN 285 1-2 CREDITS
Prereq: KINESIOLOGY AND HEALTH MAJOR, AND PERMISSION OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
8750005 ARRANGED
MEETS: MAY 14- AUG 3

COACH THY&ADMIN ISS KIN 315 3 CREDITS
Prereq: PHYS 106 OR 111
Note: Available for nonmajor graduate credit
5752005 1 MTRF 8:00-12:00
ARRANGED
MEETS: MAY 14-25

BIOMECHANICS I KIN 355 3 CREDITS
Prereq: PHYS 106 OR 111
Note: Available for nonmajor graduate credit
5752005 1 MTR 9:50-11:30
MEETS: MAY 14-JUNE 6

PHYSIOLOGY EXERCISE KIN 358 3 CREDITS
Prereq: BIOL 255, 255L, 256 AND 256L
Note: Available for nonmajor graduate credit
5766005 1 MTR 9:50-11:30
MEETS: MAY 14-JUNE 22

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS
Prereq: PSYCH 101 OR PSYCH 230
Note: Available for nonmajor graduate credit
7190005 MTR 8:40-10:50
MEETS: MAY 14-JUNE 8

MOTOR CNTRL LIFESP KIN 372 3 CREDITS
Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256
Note: Available for nonmajor graduate credit
9623005 1 MTR 8:40-10:20
MEETS: MAY 14-JUNE 22

INTERNSH FITNNS MOT KIN 485A 1-16 CREDITS
Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0
Satisfactory-Fail Only.
5772005 ARRANGED
MEETS: MAY 14-AUG 3
Note: Instructor permission required.

HUMAN PHYS ACT KIN 485B 1-16 CREDITS
Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0
Satisfactory-Fail Only.
5773005 ARRANGED
MEETS: MAY 14-AUG 3
Note: Instructor permission required.

ATHL TRAIN COMPETNC KIN 489 R CREDIT
Prereq: PERMISSION OF ATHLETIC TRAIN PROG DIRECTOR, SENIOR CLASSIFICATION
Satisfactory-Fail Only.
3220005 ARRANGED
MEETS: JUNE 11-AUG 3

IND STUDY EXER&SPRT KIN 490A 1-3 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY (CONTINUED)

IND STUDY COACHING KIN 490B 1-3 CREDITS
Prereq: 6 CREDITS FROM KINADVANCED CORE AND PERMISSION OF COORDINATOR
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS KIN 490H 1-3 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY INSTRUCTOR PERMISSION REQUIRED 1ST WEEK.
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS KIN 490A 1-3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 509A 1-3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 509D 1-3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 509E 1-3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 509F 1-3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 509G 1-3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS KIN 590H 1-3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRC ETHCS KIN 590I 1-3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1-6 CREDITS
Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591D 1-6 CREDITS
Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT KIN 599 1-3 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH KIN 699 1-6 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

FIELD TRAVEL LA 309 1-2 CREDITS
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM AND PERMISSION OF ADVISOR
Note: Instructor permission required 1st week.
4771800 IT ARRANGED MARTIN M
MEETS: JUNE 27-29
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER ROME PROGRAM. STUDY ABROAD SUMMER 2011 OFFERED FOR 1 CREDIT Field trips & travel fee $750.00
Study Abroad Administrative Fee Applies

URBAN DESIGN LA 402 6 CREDITS
Prereq: 302
6174800 IT ARRANGED MARTIN M
MEETS: MAY 29-JUNE 26
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN SUMMER ROME PROGRAM. STUDY ABROAD SUMMER 2012 OFFERED FOR 6 CREDITS Materials, field trips & travel fee $750.00
Study Abroad Administrative Fee Applies

LAND ARCH INTERNSHP LA 444A R CREDIT
Prereq: LA 341, PERMISSION OF ADVISER AND CHAIR
3036005 1 ARRANGED
MEETS: MAY 14-AUG 3

LAND ARCH INTERNSHP LA 444B R CREDIT
Prereq: LA 341, PERMISSION OF ADVISER AND CHAIR
6212005 ARRANGED
MEETS: MAY 14-AUG 3
**LANDSCAPE ARCHITECTURE (CONTINUED)**

LA NAT'L STDT XCHNG  L A  444C  R CREDIT
Prereq: L A 341, PERMISSION OF ADVISER AND CHAIR
621300S  ARRANGED
MEETS: MAY 14–AUG 3

TOPC URBAN DESIGN  L A  478F  2–3 CREDITS
Prereq: 371 OR SENIOR OR GRADUATE STANDING
391960U  1ST ARRANGED MARTIN M
MEETS: MAY 29–JUNE 26

Note: SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

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

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

IND STU INT'L STUDI  L A  490J  1–6 CREDITS
Prereq: GRADUATE STANDING

IND STY CMPTR APPL  L A  490K  1–6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.

IND STY ECO DESIGN  L A  490L  1–6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.

IND STY SOCIAL/BEHV  L A  490M  1–6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.

IND STU NATU RESRCE  L A  490N  1–6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.

SPL TOPC PLNTNG DSN  L A  590B  1–6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.

SPL TOPC CONSTRUCTN  L A  590C  1–6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.

SPL TOPICS HISTORY  L A  590D  1–6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.

SPL TOP LANDSC PLAN  L A  590E  1–6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.

SPL TOP URBAN DSGN  L A  590F  1–6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.

SPL TOPICS GRAPHICS  L A  590G  1–6 CREDITS
Prereq: GRADUATE STANDING

SPL TOP INTERDISCIP  L A  590I  1–6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.

SPL TOP INT'L STUDI  L A  590J  1–6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.

SPL TOP CMPT Appl  L A  590K  1–6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.

SPL TOP ECO DESIGN  L A  590L  1–6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.

SPL TOP SOCIAL/BEHV  L A  590M  1–6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.

SPL TOP NATU RESRCE  L A  590N  1–6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.

CREATIVE COMPONENT  L A  599  1–8 CREDITS
Prereq: PERMISSION OF MAJOR PROF
Note: Instructor permission required 1st week.

THESIS RESEARCH  L A  699  1–8 CREDITS
Prereq: PERMISSION OF MAJOR PROFESSOR
Note: Instructor permission required 1st week.

**LATIN**

INDEPENDENT STUDY  LATIN 490  1–6 CREDITS
Prereq: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR
Note: NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE APPLIED TOWARD GRADUATION
Permission of department chair required.

**LIBERAL ARTS & SCIENCES**

SPECIAL PROBLEMS  LAS 290D  1–3 CREDITS
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;
PERMISSION OF LAS DEAN
738400S  1 ARRANGED
MEETS: MAY 14–AUG 3

SPL PROB CATT CNTNR  LAS 290G  1–3 CREDITS
Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION,
PERMISSION OF THE DIRECTOR OF THE CATT CENTER
Note: PERMISSION OF DIRECTOR OF THE CATT CENTER REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN AD ENROLLMENT SERVICES CENTER

**NOTE:** PERMISSION OF DEPT FOR REFERENCE NUMBERS
### LIBERAL ARTS & SCIENCES (CONTINUED)

#### INTERNSHIP/CO-OP

**LAS 298** 1-4 CREDITS  
**Prereq:** PERMISSION OF LAS CAREER SERVICES, JUNIOR CLASSIFICATION  
**Note:** Instructor permission required.  
**Satisfactory-Fail Only.**  

**LIBRARY**

**LIBRARY INSTRUCTION LIB 160** .5 CREDIT  
**Prereq:** STUDENTS WHOSE NATIVE LANGUAGE IS NOT ENGLISH MUST COMPLETE ENGLISH 101 REQUIREMENT  
Satisfactory-Fail Only.  

#### LINGUISTICS

**IND STU LINGUISTICS LING 490B** 1-4 CREDITS  
**Prereq:** 9 CR IN ENGL BEYOND 250 APPROPRIATE TO THE TOPIC, JR CLASSIFICATION  
**Note:** Instructor permission required.  
**Satisfactory-Fail Only.**  

**IND STU LING ANTH LING 490D** 1-5 CREDITS  
**Prereq:** 9 CREDITS IN ANTHROPOLOGY  
**Note:** Instructor permission required 1st week.  
**Satisfactory-Fail Only.**

### MANAGEMENT

#### MANAGMT ORGANIZATNS MGMT 376 3 CREDITS  
**Prereq:** ECON 101 OR 102 OR EQUIVALENT  
**Note:** COURSE NOT OPEN TO P BUS MAJORS  

**5282005 A1 MTRWF 9:50-11:00**  
**MEETS:** JUNE 11-JULY 6  
**Note:** SEC A1 RESTRICTED TO ACCT, AG B, AN S, AST, BUS S, BUS U, BUSEC, DI S, FIN, FS A, HORT, I TEC, LSCM, MGMT, MIS, MKT, OSCM, SCIS, SCM UNDERGRAD MAJORS.  

**5282010 A1 MTWRF 9:50-11:00**  
**MEETS:** JUNE 11-JULY 6  
**Note:** SEC A1 RESTRICTED TO I BUS, MGMT, AG B, I TEC UNDERGRAD MAJORS ONLY  

**5282005 A2 MTRWF 7:30-9:30**  
**MEETS:** MAY 14-JUNE 8  
**Note:** SEC A2 FOR MAJORS OTHER THAN ACCT, AG B, AN S, AST, BUS S, BUS U, BUSEC, DI S, FIN, FS A, HORT, I TEC, LOMIS, LSCM, MGMT, MIS, MKT, OSCM, SCIS, SCM UNDERGRAD MAJORS  

#### MANAGEMENT INFORMATION SYSTEMS

**MGMT INFO SYSTEMS MIS 330** 3 CREDITS  
**Prereq:** BUSAD 150 OR COM S 103  
**Note:** GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD  

**4394005 A1 MTRWF 12:10-2:10**  
**MEETS:** JUNE 11-JULY 6  
**Note:** SEC A1 RESTRICTED TO ACCT, AG B, AST, BUS S, BUS U, BUSEC, DI S, FIN, FS A, HORT, I TEC, LOMIS, LSCM, MGMT, MIS, MKT, OSCM, P BUS, SCIS, SCM
MANAGEMENT INFORMATION SYSTEMS  (CONTINUED)

INDEPENDENT STUDY  MIS 490  1- 3 CREDITS
Prereq: 390, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: Department permission required.
******  SEE DEPT FOR REFERENCE NUMBERS

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

Creative component  MIS 599  3 CREDITS
Prereq: Graduate Classification, Permission of Supervisory Committee Chair
******  SEE DEPT FOR REFERENCE NUMBERS

Research Practice  MIS 498  1 CREDIT
Prereq: Enrollment in the PH D Program
7550005  A ARRANGED
MEETS: MAY 14-AUG 3

Research Practice  MIS 496  1 CREDIT
Prereq: Enrollment in the PH D Program
7669005  A ARRANGED
MEETS: MAY 14-AUG 3

Research  MIS 499  3- 6 CREDITS
Prereq: Graduate Classification, Permission of Major Professor
******  SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRIN of Marketing  MKT 340  3 CREDITS
Prereq: Credit or Enrollment in Econ 101
Note: Course not open to P Bus Majors.
5352005  A1 MTWRF 7:30-9:30
MEETS: JUNE 11-JULY 6
Note: SEC A1 Restricted to ACCT, AG B, AN S, AST, BUS S, BUS U, BUSUC, DF S, FIN, FS A, HORT, I TEC, LISM, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM Undergrad Majors. Concurrent Enrollment or Prior Credit in MGMT 370 is recommended for this enrollment block. Next semester enrollment block includes FIN 301 and SCM 301.

5352010  A2 MTWRF 7:30-9:30
MEETS: JUNE 11-JULY 6
Note: SEC A2 for Majors Other than ACCT, AG B, AN S, AST, BUS S, BUS U, BUSAD, BUSUC, DF S, FIN, FS A, HORT, I BUS, I TEC, LOMIS, LSCM, MGMT, MIS, MKT, OSCM, P BUS, P S A, SCIS, SCM

Strategic Marketing  MKT 443  3 CREDITS
Prereq: 444, 447
Note: Course restricted to MKT Seniors Graduating Summer 2012
5358005  A MTWRF 12:10-2:10
MEETS: MAY 14-JUNE 8

Independent Study  MKT 490  1- 3 CREDITS
Prereq: 340, SR Classification; Instructor Permission
Note: Course not open to Graduate Students
Department permission required.
******  SEE DEPT FOR REFERENCE NUMBERS

Special Topics  MKT 590  1- 3 CREDITS
Prereq: Permission of Instructor
Note: Restricted to Business College Graduate Students
******  SEE DEPT FOR REFERENCE NUMBERS

Research Practice  MKT 498  1 CREDIT
Prereq: Enrollment in the PH D Program
7655005  A ARRANGED
MEETS: MAY 14-AUG 3

Research Practice  MKT 496  1 CREDIT
Prereq: Enrollment in the PH D Program
7669005  A ARRANGED
MEETS: MAY 14-AUG 3

Materials Engineering

PRIN of Materials Sci&Eng  MAT E 273  3 CREDITS
Prereq: Sophomore Classification; Chem 167 or 177; Math 143
Note: Credit for only one of the following courses may be applied toward graduation: 215, 272, 273, 392
3814005  A MTWRF 8:40-9:40
MEETS: MAY 14-JULY 6

Cooperative Educ  MAT E 298  R CREDIT
Prereq: Permission of Department and Engineering Career Services
******  SEE DEPT FOR REFERENCE NUMBERS

Materials Science & Engineering

PRIN of Materials Sci&Eng  MAT E 392  3 CREDITS
Note: Credit for only one of the following may be applied toward graduation: MAT E 215, MAT E 272, MAT E 392
Meets international perspectives reqmt
8485005  GB ARRANGED
CHUMBLEY S
MEETS: JUNE 4-JULY 14
Note: Sec GB taught in Bournemouth, UK. Summer Program in London. Study abroad Summer 2012.
Study abroad Administrative Fee Applies

Summer Internship  MAT E 396  R CREDIT
Prereq: Permission of Department and Engineering Career Services
******  SEE DEPT FOR REFERENCE NUMBERS

Cooperative Educ  MAT E 398  R CREDIT
Prereq: 298, Permission of Department and Engineering Career Services
******  SEE DEPT FOR REFERENCE NUMBERS

Microelect Fabrication  MAT E 432  4 CREDITS
Prereq: Phys 221, Math 267. Recommended: E E 332 or Math 334.
Note: Available for nonmajor graduate credit
6677005  A ARRANGED
MEETS: JUNE 11-AUG 3
Note: Materials Fee $300.00

Independent Study  MAT E 490  VAR. CREDITS
******  SEE DEPT FOR REFERENCE NUMBERS

Cooperative Educ  MAT E 498  R CREDIT
Prereq: 398, Permission of Department and Engineering Career Services
******  SEE DEPT FOR REFERENCE NUMBERS

Materials Science & Engineering

Technolgy for Teachers  M S E 570  2 CREDITS
Prereq: C I 201
8315005  MTWRF 8:30-11:30
MTWRF 12:30-3:30
MEETS: JUNE 4-8

Special Topics  M S E 590  VAR. CREDITS
******  SEE DEPT FOR REFERENCE NUMBERS

Adv Topics Material Sci  M S E 690  VAR. CREDITS
Prereq: Permission of Instructor
******  SEE DEPT FOR REFERENCE NUMBERS

Engineering Internship  M S E 697  R CREDIT
Prereq: Permission of Department, Grad Classification
4307005  A ARRANGED
MEETS: MAY 14-AUG 3

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

Mathematics

High School Algebra  MATH 10  0 CREDITS
Note: Developmental Math fee applies. See fees info at http://www.public.iastate.edu/~Registrar/fees/othfecommerce.shtml.
Instructor permission required 1st week.
Satisfactory-Fail Only.
5115005  A1 MTWRF 8:15-9:45
MEETS: JUNE 11-AUG 3

Intro to Probab&Matrix  MATH 104  3 CREDITS
Prereq: Satisfactory Performance on Placement Exam, 2 yrs of HS Algebra, 1 yr of HS Geometry
Note: Credit for either Math 104 or Math 150, but not both, may be applied toward graduation. Credits earned in Math 104 cannot be applied toward graduation by math majors.
5128005  MTWRF 9:30-10:50
MEETS: MAY 14-JULY 6

Intro to Math Ideas  MATH 105  3 CREDITS
Prereq: Satisfactory Performance on Placement Exam, 2 yrs of HS Algebra, 1 yr of HS Geometry
Note: Credit for either Math 105 or Math 150, but not both, may be applied toward graduation. Credits earned in Math 105 cannot be applied toward graduation by math majors.
5129005  MTWRF 9:50-10:50
MEETS: MAY 14-JULY 6

Research  MATH 699  VAR. CREDITS
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Note: Course delivery is WWW

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Note: Course delivery is WWW
**MECHANICAL ENGINEERING**

**INTRO REAL ANALYSIS**  MATH 501  3 CREDITS
Prereq: 265 AND 307 OR 317

7394005  MTWRF 8:40-9:40
MEETS: MAY 14-JULY 6

**ED SMNR GEOM461SCR**  MATH 540B  1 CREDIT
Prereq: ENROLLMENT IN THE MASTER OF SCHOOL MATHEMATICS PROGRAM OR PROFESSIONAL STUDIES IN EDUC

6499005  W 12:10-2:30
MEETS: JUNE 11-JULY 27

**DISCRETE MATH & APP**  MATH 547  4 CREDITS
Prereq: 435 OR EQUIVALENT AND ENROLLMENT IN THE MASTER OF SCHOOL MATHEMATICS PROGRAM

9600005  MTWRF 9:30-11:55
MEETS: JUNE 11-JULY 27

**INTERMED GEOMETRY**  MATH 549  3 CREDITS
Prereq: 448 OR EQUIVALENT

9577005  MTWRF 9:30-11:55
MEETS: JUNE 11-JULY 27

**INDEPENDENT STUDY**  MATH 590  VAR. CREDITS
**CREATIVE COMPONENT**  MATH 599  VAR. CREDITS

SEMINAR  MATH 610  VAR. CREDITS
5231005  ARRANGED
MEETS: MAY 14-AUG 3

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

**ENG GRPHC&INTR DSGN**  M E 170  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 142; SATISFACTORY SCORE ON MATHEMATICS PLACEMENT ASSESSMENT

8346005  MTWRF 12:10-2:10
MEETS: JUNE 11-JULY 20

**ENGR THERMODYNAMS I**  M E 231  3 CREDITS
Prereq: MATH 265, Chem 167, Phys 222
Note: CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT BOTH, MAY APPLY TOWARD GRADUATION. COURSE RESTRICTED TO ENGINEERING DEGREE MAJORS ONLY.

4877005  A MTWRF 12:10-1:30
MEETS: MAY 14-JUNE 22

**COOPERATIVE EDUCATN**  M E 298  R CREDIT
Prereq: PERMISSION OF DEPT CHAIR
**SEE DEPT FOR REFERENCE NUMBERS**

**MANUFACTURING ENGR**  M E 324  4 CREDITS
Prereq: 270, Mat E 272, E M 324
Note: COURSE RESTRICTED TO M E, A E MAJORS ONLY
Available for nonmajor graduate credit

6277005  A MTWRF 7:30-8:50
MEETS: JUNE 25-AUG 3

6277010  B MTWRF 7:30-8:50
TR 9:50-12:15
MEETS: JUNE 25-AUG 3

**MACHINE DESIGN**  M E 325  3 CREDITS
Prereq: ENGR 170, E M 324, Stat 305
Note: COURSE RESTRICTED TO A E, M E MAJORS ONLY
Available for nonmajor graduate credit

6287005  A MTWRF 7:30-8:50
MEETS: MAY 14-JUNE 22

**ENGR THERMODYNMS II**  M E 332  3 CREDITS
Prereq: 231
Note: COURSE RESTRICTED TO M E MAJORS ONLY
Available for nonmajor graduate credit

4878005  A MTWRF 7:10-9:30
MEETS: JUNE 25-AUG 3

**FLUID FLOW**  M E 335  4 CREDITS
Prereq: E M 345, Math 266 OR 267, CREDIT OR ENROLLMENT IN M E 332 AND 370
Note: Available for nonmajor graduate credit

5703005  MTWRF 11:00-12:20
MEETS: MAY 14-JUNE 22

5703010  MTWRF 11:00-12:20
WM 2:30-4:55
MEETS: MAY 14-JUNE 22

**ENGINEERING MEASUREMENTS**  M E 370  3 CREDITS
Prereq: E E 442, Stat 305
Note: COURSE RESTRICTED TO M E MAJORS ONLY
Available for nonmajor graduate credit

4881005  MTWRF 11:20-1:20
MEETS: MAY 14-JUNE 22

4881010  MTWRF 11:20-1:20
WF 2:30-5:30
MEETS: MAY 14-JUNE 22
MECHANICAL ENGINEERING  (CONTINUED)

SPL TOP AUTO CONTROL  M E  590I  1- 8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVR 4DSN  M E  590J  1- 8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MATLS BEHAV  M E  590K  1- 8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MFG PROCESS  M E  590L  1- 8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NUCLEAR ENG  M E  590M  1- 8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SENSITV MTHD  M E  590N  1- 8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR COMPUT  M E  590O  1- 8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR MEASUR  M E  590P  1- 8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP LIT INVESTIG  M E  590Q  1- 8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NUCLEAR ENG  M E  590R  1- 8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOP CAD/CAM  M E  590S  1- 8 CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

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

ADV TOP EXP GAS DYN  M E  690A  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLUID MECH  M E  690B  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HEAT TRANSF  M E  690C  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TP ADV MACH DSN  M E  690D  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AUTO CONTROL  M E  690I  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MATLS BEHAV  M E  690K  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MFG PROCESS  M E  690L  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP NUCLEAR ENG  M E  690M  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SENSITV MTHD  M E  690N  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR COMPUT  M E  690O  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR MEASUR  M E  690P  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTIG  M E  690Q  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP  M E  697  R CREDIT
Prereq: PERMISSION OF DIRECTOR OF GRADUATE
EDUCATION, GRAD CLASSIFICATION
Satisfactory-Fail Only.
8151005  ARRANGED
MEETS: MAY 14-AUG 3

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

METEOROLOGY  (CONTINUED)

COOPERATIVE EDUCATN  MTEOR 398  R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
4823005  ARRANGED
MEETS: MAY 14-AUG 3

IND STUDY SYNOPTIC  MTEOR 490A  1- 3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8424005  ARRANGED
MEETS: MAY 14-AUG 3

INDEP STUDY DYNAMIC  MTEOR 490B  1- 3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8425005  ARRANGED
MEETS: MAY 14-AUG 3

IND STUDY PHYSICAL  MTEOR 490C  1- 3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8426005  ARRANGED
MEETS: MAY 14-AUG 3

IND STUDY HYDROLOGY  MTEOR 490E  1- 3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8668005  ARRANGED
MEETS: MAY 14-AUG 3

IND STU INSTRUMENTN  MTEOR 490D  1- 3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
3583005  ARRANGED
MEETS: MAY 14-AUG 3

COOPERATIVE EDUCATN  MTEOR 498  R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4824005  ARRANGED
MEETS: MAY 14-AUG 3

SPL TOP BOUND-LAYER  MTEOR 590A  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8427005  ARRANGED
MEETS: MAY 14-AUG 3

SPL TOPICS TROPICAL  MTEOR 590B  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8429005  ARRANGED
MEETS: MAY 14-AUG 3

SPL TOPICS MESSOSCALE  MTEOR 590C  1- 3 CREDITS
8430005  ARRANGED
MEETS: MAY 14-AUG 3

SPL TOP GLOBAL SYST  MTEOR 590D  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8431005  ARRANGED
MEETS: MAY 14-AUG 3

SPL TOP CLIM MODEL  MTEOR 590E  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8432005  ARRANGED
MEETS: MAY 14-AUG 3

SPL TOP NUMERI PRED  MTEOR 590F  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8433005  ARRANGED
MEETS: MAY 14-AUG 3

SPL TOP STAT METHODS  MTEOR 590H  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8435005  ARRANGED
MEETS: MAY 14-AUG 3

COOP PROGRAM COORD; ACCEPTANCE BY SPONSORING AGENCY
Satisfactory-Fail Only.
GALLUS W
5381005  ARRANGED
MEETS: MAY 14-AUG 3
MILITARY SCIENCE

IND STY: BASIC MIL III M & IV 1-3 CREDITS
Prereq: PERMISSION OF THE M & S DEPT CHAIR
8153005
ARRANGED
WHITE K
MEETS: MAY-14 AUG 3

IND STY: ADV MIL ST III M & IV 1 CREDIT
Prereq: M & S 301, 302, 401, 402, PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR
9598005
ARRANGED
SMITH K
MEETS: MAY-14 AUG 3

MUSIC

APPLIED MUSIC VOICE MUSIC 118B 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Course delivery is WWW

APPLIED MUSIC PIANO MUSIC 118B 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Course delivery is WWW

APPLIED MUSIC VOICE MUSIC 119A 1-3 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2012
Applied Music fee $150.00-$190.00

APPLIED MUSIC PIANO MUSIC 119B 1-2 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2012
Applied Music fee $150.00-$190.00

APPLIED MUSIC ORGAN MUSIC 119C 1-3 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Applied Music fee $150.00-$190.00

APPLIED MUSIC BRASS MUSIC 119D 1-3 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2012
Applied Music fee $150.00-$190.00

APPLIED MUSIC ORGAN MUSIC 118A 1-3 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Applied Music fee $150.00-$190.00

APPLIED MUSIC PIANO MUSIC 118B 1-2 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Applied Music fee $150.00-$190.00

APPLIED MUSIC BRASS MUSIC 119D 1-3 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Applied Music fee $150.00-$190.00

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Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
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Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
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APPLIED MUSIC PIANO MUSIC 118B 1-2 CREDITS
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APPLIED MUSIC BRASS MUSIC 119D 1-3 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Applied Music fee $150.00-$190.00

APPLIED MUSIC VOICE MUSIC 118A 1-2 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Applied Music fee $150.00-$190.00

APPLIED MUSIC PIANO MUSIC 118B 1-2 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Applied Music fee $150.00-$190.00

APPLIED MUSIC ORGAN MUSIC 119C 1-3 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Applied Music fee $150.00-$190.00

APPLIED MUSIC BRASS MUSIC 119D 1-3 CREDITS
Prereq: INSTR PERMSN, MUSIC MAJORS ONLY
Applied Music fee $150.00-$190.00
APPLD MUSIC PERCUSS  MUSIC 219I  1- 3 CREDITS
Prereq: AUDITION, INSTR PERM, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2012
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB EDUCATION MUSIC 290A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB COMPOSITION MUSIC 290C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR;
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 318B  1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A  1- 3 CREDITS
Prereq: AUDITION, INSTRUCTOR PERM, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2012
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B  1- 3 CREDITS
Prereq: AUDITION, INSTRUCTOR PERM, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2012
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON MUSIC 319E  1- 3 CREDITS
Prereq: AUDITION, INSTRUCTOR PERM, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2012
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND MUSIC 319F  1- 3 CREDITS
Prereq: AUDITION, INSTRUCTOR PERM, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2012
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G  1- 3 CREDITS
Prereq: AUDITION, INSTRUCTOR PERM, MUSIC MAJOR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2012
Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
SPECL TOPICS THEORY     MUSIC 590B   VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.  
******** SEE DEPT FOR REFERENCE NUMBERS

SPEC TOPICS COMPOSIT     MUSIC 590C   VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.  
******** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT     MUSIC 590E   VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.  
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC     MUSIC 590F   VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.  
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRNIC MU     MUSIC 590I   VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.  
******** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

INTERNSHIP     NREM 303   1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND SOPHMORE STANDING
******** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD INTERNSHIP     NREM 303I   1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND SOPHMORE STANDING
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab 4355005 ARRANGED
Note: Tuition Category: Iowa Lakeside Lab  

IND STDY ANIMAL ECO     NREM 490A   1-4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY     NREM 490B   1-4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS     NREM 490H   1-4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
******** SEE DEPT FOR REFERENCE NUMBERS

UG INDEP STDY IA LL     NREM 490I   1-4 CREDITS
Prereq: JR OR SR CLASSIFICATION AND PERMISSION OF INSTRUCTOR
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab 8987005 1 ARRANGED
Note: Tuition Category: Iowa Lakeside Lab 8987010 2 ARRANGED
Note: Tuition Category: Iowa Lakeside Lab
MEETS: MAY 21-JUNE 15
MEETS: JUNE 18-JULY 13
Note: Tuition Category: Iowa Lakeside Lab

INTERNATIONAL TRAVEL     NREM 496A   1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt  
2596800 NO ARRANGED
SCHULZT R
MEETS: MAY 8-19
Note: SEC NO TAUGHT IN NORWAY. NORWAY: VOYAGE OF A LIFETIME. STUDY ABROAD SUMMER 2012 OFFERED FOR 3 CREDITS
Study Abroad Administrative Fee Applies

AQUATIC ECOLOGY     NREM 5081   4 CREDITS
Prereq: COURSES IN ECOLOGY, CHEMISTRY, & PHYSICS
Note: Permission of Lakeside Lab Office required  
http://www.continuetolearn.uiowa.edu/lakesidelab 3861005 1 MTRF 8:00-9:00
MEETS: MAY 21-JUNE 15
Note: Tuition Category: Iowa Lakeside Lab

INTRO DNA TECHNIQS     NREM 542A   1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Note: Materials and equipment use fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS ANIML ECO     NREM 590A   1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS FORESTRY     NREM 590B   1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******** SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH     NREM 699   1-12 CREDITS
Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2012
******** SEE DEPT FOR REFERENCE NUMBERS

NAVAL SCIENCE

INDEPENDENT STUDY     N S 490   1-3 CREDITS
Prereq: SENIOR CLASSIFICATION AND PRIOR APPROVAL
OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED TOWARD GRADUATION
Department permission required.
******** SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

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

NUCLEAR ENGINEERING

NUCL RAD THYRAENGJR     NUC E 401   3 CREDITS
Prereq: PHYS 222, MATH 266 OR 267
Note: Available for nonmajor graduate credit
7741005 1 MTRF 8:40-10:00
MEETS: MAY 14-JUNE 22

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

NUTRITIONAL SCIENCES

INTRO DNA TECHNIQS     NUTRS 542A   1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Note: Materials and equipment use fee $25.00
8628005 1 MTRF 1:00-2:00
MEETS: JUNE 11-26

INTR PROTEIN TECHNQ     NUTRS 542B   1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Note: Materials and equipment use fee $25.00
8644005 1 MTRF 1:00-2:00
MEETS: JULY 5-20
Note: Materials and equipment use fee $25.00

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

ORGANIZATION FOR TROPICAL STUDIES

ECO TROPICAL BIOLGY     OTS 510   8 CREDITS
8735005 ARRANGED

TOPICS TROPICAL BIOL     OTS 515   1-8 CREDITS
7544005 ARRANGED

PERFORMING ARTS

PERFORM ARTS INTERN     PERF 310   R CREDIT
8735005 ARRANGED
MEETS: MAY 14-AUG 3

PERFORM ARTS SEMINAR     PERF 401   2 CREDITS
Note: Available for nonmajor graduate credit
3706005 ARRANGED
MEETS: MAY 14-JULY 6
PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
5824005 A MTWRF 9:50-11:50 MEETS: MAY 14-JUNE 8

MORAL THEOR&PRACTICE PHIL 230 3 CREDITS
5827005 A MTWRF 9:50-11:50 MEETS: MAY 14-JUNE 8

PHILOSOPHY OF LAW PHIL 332 3 CREDITS
Prereq: 201 OR 230
Note: Available for nonmajor graduate credit
Instructor permission required 1st week.
5836005 A MTWRF 8:40-10:40 MEETS: MAY 14-JUNE 8

INDEPENDENT STUDY PHIL 490 1-4 CREDITS
Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTRUCTOR; APPROVAL OF CHAIR
Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS PHIL 490H 1-4 CREDITS
Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTRUCTOR; APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF PHIL 490H MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
******* SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVEY PHIL 492 R CREDIT
Note: COURSE RESTRICTED TO PHIL SENIORS GRADUATING IN SPR 2012
General Education - Fall Only.
3891005 ARRANGED MEETS: MAY 14-AUG 3

SPCL TOPC HISTORY P PHIL 590A 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5850005 ARRANGED MEETS: MAY 14-AUG 3

SPL TOP EPISAMETAPH PHIL 590B 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
Note: Instructor permission required.
5852005 ARRANGED MEETS: MAY 14-AUG 3

SPL TOP VALUE THRY PHIL 590C 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
Note: Instructor permission required.
5853005 ARRANGED MEETS: MAY 14-AUG 3

SPL TOP LOGIC&SCI PHIL 590D 2-4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5854005 ARRANGED MEETS: MAY 14-AUG 3

PHYSICS

GENERAL PHYSICS PHYS 111 4 CREDITS
Prereq: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
Note: IF A STUDENT ENROLLED IN 111 FOR SPRING 2012 REGISTERS FOR 111 FOR SUMMER 2012 BEFORE SPRING 2012 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM THE STUDENT'S SCHEDULE.
5857005 1 MTWRF 9:50-11:10 TWRF 12:10-2:20
MEETS: JUNE 11-AUG 3
Note: Materials and professional support fee $90.00

5857010 2 MTWRF 12:10-1:10 TWRF 11:00-12:00
MEETS: JUNE 11-AUG 3
Note: Materials and professional support fee $90.00

5857015 3 MTWRF 12:10-1:10 TWRF 11:00-12:00
MEETS: JUNE 11-AUG 3
Note: Materials and professional support fee $90.00

5858005 1 MTWRF 11:00-12:00 TWRF 12:10-1:10
MEETS: JUNE 11-AUG 3
Note: Materials and professional support fee $90.00

GENERAL PHYSICS PHYS 112 4 CREDITS
Prereq: 111
Note: IF A STUDENT ENROLLED IN 112 FOR SPRING 2012 REGISTERS FOR 112 FOR SUMMER 2012 BEFORE SPRING 2012 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM THE STUDENT'S SCHEDULE.
5858010 2 MTWRF 12:10-1:10 TWRF 11:00-12:00
MEETS: JUNE 11-AUG 3
Note: Materials and professional support fee $90.00

INTR CLASSLL PHYS I PHYS 221 5 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 166
Note: IF A STUDENT ENROLLED IN 221 FOR SPRING 2012 REGISTERS FOR 221 FOR SUMMER 2012 BEFORE SPRING 2012 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM THE STUDENT'S SCHEDULE.
5860005 1 MTWRF 9:50-10:50
MEETS: JUNE 11-AUG 3
Note: Materials and professional support fee $90.00

5860100 2 MTWRF 9:50-10:50
MEETS: JUNE 11-AUG 3
Note: Materials and professional support fee $90.00

5860105 3 MTWRF 9:50-10:50
MEETS: JUNE 11-AUG 3
Note: Materials and professional support fee $90.00

INTR CLASSLL PHYS II PHYS 222 5 CREDITS
Prereq: 221, MATH 166
Note: IF A STUDENT ENROLLED IN 222 FOR SPRING 2012 REGISTERS FOR 222 FOR SUMMER 2012 BEFORE SPRING 2012 ENDS, THE SUMMER TERM ENROLLMENT WILL BE DROPPED FROM THE STUDENT'S SCHEDULE.
5863005 1 MTWRF 11:00-12:00
MEETS: JUNE 11-AUG 3
Note: Materials and professional support fee $90.00

5863010 2 MTWRF 11:00-12:00
MEETS: JUNE 11-AUG 3
Note: Materials and professional support fee $90.00

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

INTMED LAB FOR TCHR PHYS 311T 3 CREDITS
Prereq: 111 OR 222
Note: COURSE MEETS AT AMES HIGH SCHOOL. MUST PROVIDE OWN TRANSPORTATION TO CLASS. INTENDED PRIMARILY FOR TEACHERS.
5873005 MTWRF 9:00-10:50
MEETS: JUNE 11-AUG 3

SEM SEC SCHOOL PHYS PHYS 399 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5886005 1 ARRANGED MEETS: JUNE 11-AUG 3

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

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

INDEPENDENT STUDY PHYS 490 1-4 CREDITS
Prereq: 6 CREDITS IN PHYS, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCAT PHYS 498 R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4746005 ARRANGED MEETS: MAY 14-AUG 3

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

PLANT BIOLOGY

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

IND EP STY PLT PATH  PL P 490A  1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CREDITS IN
POL S MAJOR OR MINOR, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
APPLIED TOWARD GRADUATION.
3152005  ARRANGED
MEETS: MAY 14- AUG 3

HONORS INDEP STUDY  PL P 490H  1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CREDITS IN
BIO SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO HONORS PROGRAM
STUDENTS ONLY.
3155005  ARRANGED
MEETS: MAY 14-AUG 3

PLANT NEMATOLOGY  PL P 574  3 CREDITS
Prereq: 408 OR 416
5951005  ARRANGED
MEETS: MAY 14-JULY 6

SPECIAL TOPICS  PL P 590  1-3 CREDITS
Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
5953005  ARRANGED
MEETS: MAY 14-AUG 3

FIELD PLANT PATHOL  PL P 691  2 CREDITS
Prereq: 408 OR 416
5956005  ARRANGED
MEETS: MAY 14-AUG 3

THEESIS/DIS RESEARCH  PL P 699 VAR. CREDITS
5960005  ARRANGED
MEETS: MAY 14-AUG 3

POLITICAL SCIENCE

INTRO ETHICS&POLTS  POL S 235  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
5715005  A MTHR F 9:50-11:50
MEETS: MAY 14-JUNE 8

STATE & LOCAL GOVT  POL S 310  3 CREDITS
Prereq: 3 CR IN POL S
5968005  MTHR F 1:20-3:20
MEETS: MAY 14-JUNE 8

SPL TOP INTL RELATN  POL S 315  2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: USE OF POL S 312, 313, 314, 315 IN POL S MAJOR
AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRAD STUDIES SECTION OF CATALOG FOR DETAILS.
Meets international perspectives reqmt
8813005 A MTHR F 9:50-11:50
MEETS: MAY 14-25
Note: SECTION A TOPIC: WAR & FILM - EARLY YEARS
8813010 B MTHR F 9:50-11:50
MEETS: MAY 29-JUNE 11
Note: SECTION B TOPIC: WAR & FILM - LATE YEARS

POLITCS DEVEL AREAS  POL S 340  3 CREDITS
5971005  MTHR F 12:10-1:30
MEETS: MAY 14-JUNE 22

AMER INSTI: PRESIDEN  POL S 361  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
5981005  MTHR F 11:00-12:20
MEETS: MAY 14-JUNE 22

ENVIRN POLIT&POLICI  POL S 383  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
6010010 A MTHR F 8:40-10:00
MEETS: MAY 14-JUNE 22

ADV WRITING POL SCI  POL S 395  R CREDIT
Satisfactory-Fail Only.

POLITICAL SCIENCE (CONTINUED)

IND STY COMPAR POL  POL S 490C VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
********* SEE DEPT FOR REFERENCE NUMBERS

IND STY INT'L RELA  POL S 490D VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
********* SEE DEPT FOR REFERENCE NUMBERS

IND STY EXT CREDIT  POL S 490E  1-2 CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
********* SEE DEPT FOR REFERENCE NUMBERS

IND STY CATT CNTR  POL S 490G VAR. CREDITS
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROGRAM
Note: USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
********* SEE DEPT FOR REFERENCE NUMBERS

IND STY HONORS  POL S 490H VAR. CREDITS
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROGRAM
Note: USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
********* SEE DEPT FOR REFERENCE NUMBERS

IND STY HONORS  POL S 490I VAR. CREDITS
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROGRAM
Note: USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
********* SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS  POL S 491  3 CREDITS
Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND
PERMISSION OF INSTRUCTOR
Instructor permission required.
********* SEE DEPT FOR REFERENCE NUMBERS

POL SCI INTERNSHIP  POL S 499 VAR. CREDITS
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROGRAM
Note: Use of POL S 499 in POL S MAJOR AND MINOR DEGREE
CLASSIFICATION, PERMISSION OF INTERNSHIP COORDINATOR
Note: USE OF POL S 499 IN POL S MAJOR AND MINOR DEGREE
REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY
SECTION OF CATALOG FOR DETAILS.
Satisfactory-Fail Only.
********* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP PUBLIC LAW  POL S 590B  2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMIS.
Note: Instructor permission required 1st week.
********* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POLIT THEORY  POL S 590C  2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMIS.
Note: Instructor permission required 1st week.
********* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPAR GOVT  POL S 590D  2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMIS.
Note: Instructor permission required 1st week.
********* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L RELAT  POL S 590E  2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMIS.
Note: Instructor permission required 1st week.
********* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP PUB POL&ADM  POL S 590G  2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMIS.
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD FIRST
WEEK. PROCESS APPROVED ADD SLIP IN 15 EMHR SC.
********* SEE DEPT FOR REFERENCE NUMBERS
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**Political Science**

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**Psychology**

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<th>Course Code</th>
<th>Time</th>
<th>Instructor</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tr>
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<tr>
<td>PSY 346</td>
<td>3 CREDITS</td>
<td>Instructor permission</td>
<td>3</td>
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<td>PSY 348</td>
<td>3 CREDITS</td>
<td>Instructor permission</td>
<td>3</td>
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<tr>
<td>PSY 7034005</td>
<td>1 TR 8:40-1:40</td>
<td>Instructor permission</td>
<td>3</td>
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**Portuguese**

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>PORT 490</td>
<td>1-6 CREDITS</td>
<td>Instructor permission</td>
<td>1-6</td>
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<tr>
<td>PSY 131</td>
<td>1 CREDIT</td>
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<td>PSY 301</td>
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<td>3</td>
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<tr>
<td>PSY 302</td>
<td>3 CREDITS</td>
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**Religious Studies**

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<tr>
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<th>Time</th>
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<th>Credits</th>
<th>Prerequisites</th>
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<tr>
<td>REL 205</td>
<td>3 CREDITS</td>
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<td>REL 210</td>
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**SPOCL Top Internship**

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<td>POL S 598</td>
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<td>REL 210</td>
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RESEARCH & EVALUATION

INTRO QLTV RES MTHD RESERV 580  3 CREDITS
Prereq: R 4:00:0-8:00PM
MEETS: MAY 14-JUNE 8

SPECIAL TOPICS
RESERV 590  1-3 CREDITS
Prereq: 550
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN THE HUMAN SCIENCES COLLEGE. OTHER STUDENTS MUST CONTACT THE DEPARTMENT AT 294-1241.

PROGRAM ASSESS & EVAL
RESERV 597  3 CREDITS
Prereq: 550
Note: PREREQ: PERMISSION OF FACULTY INTERNSHIP COORDINATOR

RESEARCH
RESERV 699 VAR. CREDITS
Prereq: GRADUATE STANDING

RUSSIAN

STUDY ABROAD
RUS 395 1-6 CREDITS
Note: MEETS: MAY 14-JUNE 1
SEC RU TAUGHT IN ST. PETERSBURG, RUSSIA

INDEPENDENT STUDY
RUS 490 1-6 CREDITS
Note: PERMISSION OF DEPT CHAIR

SOCIETY

INTRO TO SOCIOLOGY
SOC 134 3 CREDITS
Note: PREREQ: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR

INTRO TO RURAL SOC
SOC 490 1-3 CREDITS
Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
MEETS: MAY 14-AUG 3

INDEPENDENT STUDY
SOC 490A 1-6 CREDITS
Prereq: 9 CREDITS IN SOC AND PERMISSION OF INSTRUCTOR
MEETS: MAY 14-JUNE 8

RUSSIAN INTERNSHIP
RUS 499 1-3 CREDITS
Note: PREREQ: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL
MEETS: MAY 14-JUNE 8

INDEPENDENT STUDY
RUS 490 1-6 CREDITS
Prereq: 6 CR IN RUSSIAN
Note: NO MORE THAN 9 CREDITS IN RUS 490 MAY BE APPLIED TOWARD GRADUATION

Masters Res Gen Soc
SOC 599A 1-6 CREDITS
NOTE: PREREQ: 9 CREDITS IN SOC 490
MEETS: MAY 14-JUNE 8

Masters Res Gen Soc
SOC 599B 1-6 CREDITS
NOTE: PREREQ: 9 CREDITS IN SOC 490
MEETS: MAY 14-JUNE 8
SOCIOLOGY

RESEARCH GENERAL SOC SOC 699A 1-8 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC SOC 699B 1-8 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE ENGINEERING

COORDINATE EDUCATION SE 298 R CREDIT
Prereq: PERMISSION OF DEPT AND CAREER SERVICES
***** SEE DEPT FOR REFERENCE NUMBERS

SUMMER INTERNSHIP SE 396 R CREDIT
Prereq: PERMISSION OF DEPT AND CAREER SERVICES
***** SEE DEPT FOR REFERENCE NUMBERS

COORDINATE EDUCATION SE 398 R CREDIT
Prereq: 298, PERMISSION OF DEPT & CAREER SERVICES
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY SE 490 VAR. CREDITS
Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR
***** SEE DEPT FOR REFERENCE NUMBERS

COORDINATE EDUCATION SE 498 R CREDIT
Prereq: 398, PERMISSION OF DEPT & CAREER SERVICES
***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH

ELEMENTARY SPANISH I SPAN 101 4 CREDITS
6473005 1 MTWRF 8:40-11:40
MEETS: MAY 14-JUNE 8
Note: Materials and equipment use fee $25.00
6473010 2 MTWRF 12:10-3:10
MEETS: MAY 14-JUNE 8
Note: Materials and equipment use fee $25.00

ELEMENTARY II SPAN 102 4 CREDITS
Prereq: 101, 97 OR PLACEMENT BY DEPARTMENTAL EXAM
Note: Meets international perspectives reqnt
6474005 1 MTWRF 8:40-11:40
MEETS: JUNE 11-JULY 6
Note: Materials and equipment use fee $25.00
6474010 2 MTWRF 12:10-3:10
MEETS: JUNE 11-JULY 6
Note: Materials and equipment use fee $25.00

INTR SPAN/ENG TRANS SPAN 351 3 CREDITS
Prereq: 301, 303 OR 304
Note: Meets international perspectives reqnt
5071005 1 ARRANGED
MEETS: JUNE 11-JULY 6
Note: Course delivery is WWW
Materials and equipment use fee $25.00

STUDY ABROAD SPAN 395 1-10 CREDITS
Prereq: 2 YRS UNIV-LEVEL SPANISH OR EQUIVALENT
Note: Meets international perspectives reqnt
Department permission required.
6489025 RG ARRANGED
MEETS: MAY 22-JULY 12
Note: SECTION RG ARRANGED STUDY ABROAD IN PERU.
OFFERED FOR 3 CREDITS.
Tuition Category: Regents Summer Study Abroad

INDEPENDENT STUDY SPAN 490 1-6 CREDITS
Prereq: 6 CR IN SPANISH OR PERMISSION OF DEPT CHAIR
Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR.
Permission of department chair required.
***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1-3 CREDITS
Prereq: 9 CREDITS OF SPANISH 300-LEVEL PLUS PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2012.
NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR.
Department permission required.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPANISH LIT SPAN 590A 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2012
2572005 DB ARRANGED
MEETS: MAY 14-AUG 3
Note: Instructor permission required.

SPL TOP LANG PEDAG SPAN 590C 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 6 CR 400-LEVEL SPAN
3905800 SP ARRANGED WILHELM J
MEETS: JUNE 8-JULY 10
Note: SEC SP TAUGHT IN CACERES, SPAIN. SUMMER SEMINAR IN SPAIN FOR SPANISH TEACHERS. STUDY ABROAD SUMMER 2012 OFFERED FOR 2 CREDITS
Study Abroad Administrative Fee Applies
SPEECH COMMUNICATION (CONTINUED)

FUND PUBLIC SPEAKING SP CM 212 3 CREDITS
Note: ON MAY 14 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE TO BE ANNOUNCED IN FIRST LECTURE. CLASS MEETS 2 HOURS, 10 MINUTES EACH DAY. Section info: http://www.public.iastate.edu/~aslagell/spcm212/index.html
8643035 M MTWRF 12:10-2:20 MTWRF 9:50-12:00 MEETS: MAY 14-JUNE 8
Note: ON MAY 14 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 T MTWRF 9:50-12:00 MTWRF 9:50-12:00 MEETS: MAY 14-JUNE 8
Note: ON MAY 14 ATTEND ONLY THE 9:50 A.M. LECTURE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE. SECTION 7 IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC 8. Section info: http://www.public.iastate.edu/~aslagell/spcm212/index.html
8643045 S MTWRF 9:50-12:00 MTWRF 9:50-12:00 MEETS: MAY 14-JUNE 8
Note: ON MAY 14 ATTEND ONLY THE LECTURE, LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. LECTURE AND DISCUSSION MEET ON AN ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE. SECTION 8 IS A CROSS-CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS WITH SEC 7. Section info: http://www.public.iastate.edu/~aslagell/spcm212/index.html
8643070 10 MTWRF 7:30-9:40 MTWRF 9:50-12:00 MEETS: MAY 14-JUNE 8
Note: ON MAY 14 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. U.S. STUDENTS ONLY. MEETS JOINTLY WITH SEC 10. Section info: http://www.public.iastate.edu/~aslagell/spcm212/index.html
8643075 11 MWF 8:30-9:30 MEETS: JUNE 11-AUG 3
Section info: http://www.public.iastate.edu/~aslagell/spcm212/index.html
8643080 12 MWF 9:50-11:30 MEETS: JUNE 11-AUG 3
Section info: http://www.public.iastate.edu/~aslagell/spcm212/index.html
8643085 13 MWF 9:50-11:30 MEETS: JUNE 11-AUG 3
Section info: http://www.public.iastate.edu/~aslagell/spcm212/index.html
8643090 14 MWF 12:10-1:50 MEETS: JUNE 11-AUG 3
Section info: http://www.public.iastate.edu/~aslagell/spcm212/index.html

SPEECH COMMUNICATION (CONTINUED)

SPECIAL PROJECTS SP CM 290 1-2 CREDITS
Prereq: 3 CR IN SP CM, PERMISSION OF DEPT CHAIR
Note: NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINOR. Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

PRIN OF STATISTICS STAT 101 4 CREDITS
Prereq: ONE A AND A HALF YRS OF H S ALGEBRA
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 106
6502005 A MTWRF 8:40-9:40 MR 9:10-10:10 MEETS: MAY 14-JULY 6
6502010 B MTWRF 8:40-9:40 MR 12:10-2:10 MEETS: MAY 14-JULY 6

INTRO TO STATISTICS STAT 104 3 CREDITS
Prereq: 1 1/2 YRS OF H S ALGEBRA
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 106
3975005 A MTWRF 8:40-9:40 MEETS: MAY 14-JULY 6

STATISTICS

PRIN OF STATISTICS STAT 101 4 CREDITS
Prereq: MATH 150 OR 165
Note: CREDIT FOR EITHER STAT 101 OR STAT 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
6509005 A MTWRF 9:50-10:50 MEETS: MAY 14-JULY 6
Note: Instructor permission required 1st week.

INTR BUSINES STAT I STAT 226 3 CREDITS
Prereq: MATH 165 ( OR 165H)
Note: COURSE RESTRICTED TO ACCT, BUS S, BUSAD, BUS U, FIN, I BUS, LOMIS, LSCM, MGMT, MIS, MKT, NCM, P BUS, SCIS, ECON, AG B MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 226, STAT 101, STAT 104, STAT 105, STAT 106
6510005 A MWF 8:40-9:40 TP 8:40-10:40 MEETS: MAY 14-JULY 6

PROBAB&STAT COM SCI STAT 330 3 CREDITS
Prereq: MATH 165
Note: Available for nonmajor graduate credit
7372005 A MTWRF 9:50-10:50 MEETS: MAY 14-JULY 6

STAT METH FOR RSrch STAT 401 4 CREDITS
Prereq: 101 OR 104 OR 105 OR 226. GRAD STUDENTS WITHOUT AN EQUIV COURSE SHOULD CONTACT DEPT.
Note: CREDIT FOR EITHER DIET 554 OR STAT 401, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION Available for nonmajor graduate credit
6514005 A MTWRF 8:40-9:40 MR 9:10-10:10 MEETS: MAY 14-JULY 6
Note: SECTION A FOR SOCIAL SCIENCES
6514010 B MTWRF 8:40-9:40 TF 12:10-2:10 MEETS: MAY 14-JULY 6
Note: SEC B FOR BIOLOGICAL AND PHYSICAL SCIENCES
### Technology & Social Change

**Sustainable Agriculture**

- Special Topics: SUSAG 590 1-3 Credits
  - Prerequisite: Grad Classification, Instructor Permission
  - See Dept for Reference Numbers

**World Food Issues**

- SUSAG 342 3 Credits
  - Prerequisite: Junior Classification
  - Note: Meets international perspectives reqmt
  - Meets: May 7-18

**Technology & Social Change**

- SUSAG 490H 1-4 Credits
  - Prerequisite: Junior or Senior Classification, Instructor Permission
  - Completion of Independent Study Contract & Approval by Department
  - See Dept for Reference Numbers

### Technology Systems Management

**Technology Internship**

- TSM 397 R Credit
  - Prerequisite: At least 45 credits of coursework, in AST or I TEC major, Internship Coordinator Approval
  - Satisfactory-Fail Only
  - See Dept for Reference Numbers

**Technology Systems Management**

- TSM 490I 1-4 Credits
  - Prerequisite: Junior or Senior Classification, Instructor Permission
  - Completion of Independent Study Contract & Approval by Department
  - See Dept for Reference Numbers

**Technology BIOSYS**

- TSM 490J 1-4 Credits
  - Prerequisite: Junior or Senior Classification, Instructor Permission
  - Completion of Independent Study Contract & Approval by Department
  - See Dept for Reference Numbers

**Technology Machin**

- TSM 490M 1-4 Credits
  - Prerequisite: Junior or Senior Classification, Instructor Permission
  - Completion of Independent Study Contract & Approval by Department
  - See Dept for Reference Numbers
MEETS: JULY 9-AUG 3  
Prereq: 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC

Note: Meets international perspectives reqmt

TEXTILES & CLOTHING

**TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)**

**IND STU OCCUP SAFET**  TSM  4900  1- 4 CREDITS  
Prereq: JUNIOR OR SENIOR CLASS, INSTRUCTOR
Per mission, completion of an independent study contract and approval by department
Note: No more than 4 credits of TSM 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION
Department permission required.

**TECHNOLOGY TRAVEL**  TSM  496B  R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt

**TECHNOLOGY TRAVEL**  TSM  496D  1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt

**Tec Travelp&prepost**  TSM  496D  1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt

**SPL TP AG&BIOSY MGT**  TSM  590A  1- 4 CREDITS  
Prereq: GRAD CLASSIFICATION IN IN ABD. TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF

**SPL TOP MACHINE SYS**  TSM  590B  1- 4 CREDITS  
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF

**MASTER'S TECH COMM**  TSM  598  1 CREDIT  
Satisfactory-Fail Only.

**CREATIVE COMPONENT**  TSM  599  1- 3 CREDITS

**CURRIC DEV TEC&ENGR**  TSM  657  3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR

**TECHNOLOGY INTERNSHIP**  TSM  697  R CREDIT  
Prereq: PERMISSION OF MAJOR PROFESSOR AND APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION

**DOCTORAL TECH COMM**  TSM  698  1 CREDIT  
Satisfactory-Fail Only.

**RESEARCH**  TSM  699  1- 6 CREDITS  
Note: Course only offered for 1-6 credits summer 2012

**TEXTILES & CLOTHING (CONTINUED)**

**HIST EURAN AM DRESS**  THTRE  354  3 CREDITS  
Prereq: 3 CREDITS FROM HISTORY OR ART HISTORY
Note: Meets international perspectives reqmt

**CULTUR PERSPC DRESS**  THTRE  362  3 CREDITS  
Prereq: 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
Note: Meets international perspectives reqmt

**THEATRE**

**INTR PERFORMING ARTS**  THTRE  106  3 CREDITS  
MEETS: JUNE 3-14 8:40-9:40

Note: Instructor permission required.

**HIST EURAN AM DRESS**  THTRE  354  3 CREDITS  
Prereq: 6 CR IN THTRE, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR

**CULTUR PERSPC DRESS**  THTRE  362  3 CREDITS  
Prereq: 6 CR IN THTRE, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR

**INDEPENDENT STUDY**  THTRE  490D  1- 4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

**SP TOP MERCHANDSNG**  THTRE  590I  VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

**SP TOP SOC-PSY ASP**  THTRE  590F  VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

**SP TOP TXTL&AP DSN**  THTRE  590C  VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
THEATRE (CONTINUED)

SPECIAL PROJECTS  THTRE 290  1- 3 CREDITS
Prereq: 3 CREDITS IN THEATRE; PERMISSION OF INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

ADV THTRE PRACTICUM  THTRE 469  1- 3 CREDITS
Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  THTRE 490  1- 3 CREDITS
Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN PROPOSAL, JUNIOR CLASSIFICATION
Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP  THTRE 499  1- 8 CREDITS
Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR OR SENIOR STANDING; CMG GPA OF AT LEAST 2.50 OVERALL AND 3.00 IN THEATRE COURSES
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS  THTRE 590  1- 4 CREDITS
Prereq: APPROVED WRITTEN PROPOSAL
Note: Permission of department chair required.
******* SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

TOXICOLOGY SEMINAR  TOX 504  1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
7126005  1 ARRANGED
MEETS: MAY 14-AUG 3

CLIN 4DIAGNOS TOXIC  TOX 546  1- 3 CREDITS
Prereq: DVM DEGREE OR 526
1231005  1 ARRANGED
MEETS: MAY 14-AUG 3

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

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

TRANSPORTATION

CREATIVE COMPONENT  TRANS 599  1- 3 CREDITS
4160005  1 ARRANGED
MEETS: MAY 14-AUG 3

RESEARCH  TRANS 699 VAR. CREDITS
6787005  ARRANGED
MEETS: MAY 14-AUG 3

UNIVERSITY STUDIES

INDEPENDENT STUDY  U ST 490 VAR. CREDITS
Prereq: PERMISSION OF THE ASSOCIATE PROVOST
Note: PERMISSION OF ASOC PROVOST FOR UNDERGRAD PROGRAMS REQUIRED. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

VET DIAGNOSTIC & PRODUCTION AN MED

ANIMAL WELFARE  JDGASSESS  VDPAM 365X  2 CREDITS
Note: MULTIPLE ENROLLMENTS ARE ALLOWED. RESTRICTED TO VM 4 STUDENTS ONLY.
6885005  ARRANGED
MEETS: MAY 14-AUG 3

PRECPTRSP V MED PRA  VDPAM 420  1- 6 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
9072005  ARRANGED

DAIRY HERD PROBL ID  VDPAM 437  2 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
6425005  ARRANGED

MASTITS PROB INVESTG  VDPAM 438  2 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
6861005  ARRANGED

COWCALF PROP: NUTRI  VDPAM 439  2 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
6422005  ARRANGED

CLIN EMBRYO TRANSFER  VDPAM 451  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4334005  ARRANGED

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

ANIMAL WELFARE CLINIC  VDPAM 465X  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
8775005  ARRANGED
MEETS: JUNE 4-15

FD AN&CAM FIELD SRV  VDPAM 476  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
8725005  MTWRF 8:00-12:00
MTWRF 1:00-5:00

FD AN&CAM MED SURG  VDPAM 477  1- 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.
6909005  MTWRF 8:00-12:00
MTWRF 2:00-5:00

SWI PROD MED PRECEP  VDPAM 479  1- 6 CREDITS
Prereq: 310
Note: COURSE RESTRICTED TO VM 4 STUDENTS ONLY
5454005  ARRANGED

SWINE PRODUCTION  VDPAM 480  2 CREDITS
Prereq: 310 OR PERMISSION OF INSTRUCTOR
5572005  ARRANGED

BF PRECPT M D WITH DVM  VDPAM 482A  1- 6 CREDITS
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL TO SITE
6598005  ARRANGED
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

PRECPTR BULL BREEDING  VDPAM 482B  1- 6 CREDITS
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL TO SITE
6610005  ARRANGED
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APPLIED MED CALVING  VDPAM 482C  1- 6 CREDITS
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL TO SITE
6621005  ARRANGED
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APP MD BF FEEDL MST  VDPAM 482D  1- 6 CREDITS
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL TO SITE
6629005  ARRANGED
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APP BF MED WEAN MST  VDPAM 482E  1- 6 CREDITS
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL TO SITE
6653005  ARRANGED
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APP BF MD PREG EXAM  VDPAM 482F  1- 6 CREDITS
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL TO SITE
6694005  ARRANGED
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APP MED BOVIN REPRO  VDPAM 482G  1- 6 CREDITS
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL TO SITE
6697005  ARRANGED
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

APP MD BF FEEDL MST  VDPAM 482I  1- 6 CREDITS
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL TO SITE
7185005  ARRANGED
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

BEEF PRODUCTION MED  VDPAM 483  2 CREDITS
Prereq: 310
5562005  MTWRF 8:00-12:00
MTWRF 1:00-5:00

DAIRY PRODUCTION MED  VDPAM 484  2 CREDITS
Prereq: 310, 4TH-YEAR CLASSIFICATION IN V MED
5609005  MTWRF 8:00-12:00
MTWRF 2:00-5:00

APP DAIRY PRODUCTION  VDPAM 485  1- 6 CREDITS
Prereq: 440
Note: MULTIPLE ENROLLMENTS ARE ALLOWED. RESTRICTED TO VM 4 STUDENTS ONLY.
5431005  ARRANGED
VETERINARY CLINICAL SCIENCES

ONCOLOGY
V C S 409 1-2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course only offered for 2 credits summer 2012
9213005 MTWRF 8:00-5:00 FOX L

PRECEPTOR COMPAN/EQ
V C S 419 2-6 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
1664005 1 ARRANGED REINERTSON E

SM ANIM SHELTR MED
V C S 437 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
7940005 MTWRF 8:00-5:00 BURGH M

CANINE REHABILITATN
V C S 441 1-2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course only offered for 2 credits summer 2012
9232005 MTWRF 8:00-5:00 BURGH M

CLINICAL NEUROLOGY
V C S 446 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
5112005 MTWRF 8:00-5:00 JEFFERY N

CLINICL DERMATOLOGY
V C S 452 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
SMALL ANIMAL OPTION
Note: Course restricted to 4TH YEAR VET MED STUDENTS
1931005 MTWRF 8:00-5:00 NOXON J

SMALL ANIMAL MED I
V C S 453 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6889005 MTWRF 8:00-5:00 MORRISON J

SMALL ANIMAL MED II
V C S 454 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
6890005 MTWRF 8:00-5:00 MORRISON J

VETERINARY CLINICAL SCIENCES

SM AN SOFT TISS SUR
V C S 455 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6891005 MTWRF 8:00-5:00 Hedlund C

SM AN ORTHOPED SURG
V C S 456 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6892005 MTWRF 8:00-5:00 Kraus K

EQUINE MEDICINE
V C S 457 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6893005 MTWRF 8:00-5:00 Wong D

SM AN OVERPOP OMAHA
V C S 459A 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4050005 MTWRF 8:00-5:00 Baldwin C
Note: Field trips & travel fee $200.00

SM AN OVERPOP D.M.
V C S 459B 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4107010 MTWRF 8:00-5:00 Baldwin C
Note: Field trips & travel fee $200.00

SM AN OVERPOP K.C.
V C S 459C 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4310015 ARRANGED Baldwin C
Note: Field trips & travel fee $200.00

RADIOLOGY
V C S 460 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6896005 MTWRF 8:00-5:00 Miles K

PRIMARY CARE
V C S 463 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
2322005 MTWRF 8:00-5:00 Zaffarano B

EQUINE FIELD SERVIC
V C S 464 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4247005 MTWRF 8:00-5:00 Thompson L

FARRIER
V C S 465 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
457, 458
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
7756005 MTWRF 8:00-5:00 McCullure S

VET ANESTHESIOLOGY
V C S 466 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6898005 MTWRF 8:00-5:00 Kraus B

INTENSIVE CARE
V C S 468 4 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6900005 ARRANGED Curtis M

OPHTHALMOLOGY
V C S 469 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
6901005 MTWRF 8:00-5:00 Whitley R

SML ANIM REPRODUCTN
V C S 471S VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.

FOOD ANIM REPRODUCTN
V C S 471F VAR. CREDITS
Note: Course only offered for 2 credits summer 2012
Permission of instructor required. Process approved add slip in 2270A Vet Med.

SM AN REPRODUCTN
V C S 471E VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.

SMAN ORTHOPED SURG
V C S 456 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6892005 MTWRF 8:00-5:00 Kraus K

SM AN SOFT TISS SUR
V C S 455 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6891005 MTWRF 8:00-5:00 Hedlund C

SM AN ORTHOPED SURG
V C S 456 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6892005 MTWRF 8:00-5:00 Kraus K

EQUINE MEDICINE
V C S 457 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6893005 MTWRF 8:00-5:00 Wong D

SM AN OVERPOP OMAHA
V C S 459A 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4050005 MTWRF 8:00-5:00 Baldwin C
Note: Field trips & travel fee $200.00

SM AN OVERPOP D.M.
V C S 459B 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4107010 MTWRF 8:00-5:00 Baldwin C
Note: Field trips & travel fee $200.00

SM AN OVERPOP K.C.
V C S 459C 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4310015 ARRANGED Baldwin C
Note: Field trips & travel fee $200.00

RADIOLOGY
V C S 460 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6896005 MTWRF 8:00-5:00 Miles K

PRIMARY CARE
V C S 463 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
2322005 MTWRF 8:00-5:00 Zaffarano B

EQUINE FIELD SERVIC
V C S 464 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4247005 MTWRF 8:00-5:00 Thompson L

FARRIER
V C S 465 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
457, 458
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
7756005 MTWRF 8:00-5:00 McCullure S

VET ANESTHESIOLOGY
V C S 466 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6898005 MTWRF 8:00-5:00 Kraus B

INTENSIVE CARE
V C S 468 4 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED STUDENTS
6900005 ARRANGED Curtis M

OPHTHALMOLOGY
V C S 469 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
6901005 MTWRF 8:00-5:00 Whitley R

SML ANIM REPRODUCTN
V C S 471S VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.

FOOD ANIM REPRODUCTN
V C S 471F VAR. CREDITS
Note: Course only offered for 2 credits summer 2012
Permission of instructor required. Process approved add slip in 2270A Vet Med.
VETERINARY CLINICAL SCIENCES (CONTINUED)

SMALL ANIMAL MED  V C S 472  VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 270A Vet Med.

SPL ANIM SURG ORTHO  V C S 473C  1 CREDIT
Note: Permission of instructor required. Process approved add slip in 270A Vet Med.

SPL AN SURG SOFT TISS  V C S 473S  1 CREDIT
Note: Permission of instructor required. Process approved add slip in 270A Vet Med.

EQUINE MEDICINE  V C S 474M  VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 270A Vet Med.

EQUINE SURGERY  V C S 474S  VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 270A Vet Med.

EQUINE ANESTHESIOLOGY  V C S 476E  1-2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2012

INTENSIVE CARE  V C S 478  VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 270A Vet Med.

OPHTHALMOLOGY  V C S 479  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, VCS 469
Note: Permission of instructor required. Process approved add slip in 270A Vet Med.

ADV SM AN ORTHO SURG  V C S 483C  2 CREDITS
2972005 ARRANGED

ADV SM AN SOFT SURG  V C S 483S  2 CREDITS
3076005 ARRANGED

INDEPENDENT STUDY  V C S 490  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

INT'L PRECEPTORSHIP  V C S 496  1-12 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED

SPL TOPICS MEDICINE  V C S 590A  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

SPL TOPICS SURGERY  V C S 590B  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

SPL TOP THERIOGENOL  V C S 590C  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

SPL TOP RADIOLGOL  V C S 590D  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

VETERINARY MICROBIOLOGY & PREV MED

PUBLIC HEALTH LAB  V MPM 486  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED

INDEPENDENT STUDY  V MPM 490  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
Note: COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2012

INTRO DNA TECHNOLOGY  V MPM 542B  1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
4372005 1 MTRF 1:00-2:00
MTWF 1:00-4:00
MEETS: JUNE 11-26
Note: Materials and equipment use fee $25.00

SPECIAL TOPICS  V MPM 590  1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

CREATIVE COMPONENT  V MPM 599  VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
7307005 ARRANGED
MEETS: MAY 14-AUG 3

RESEARCH  V MPM 699  VAR. CREDITS

VETERINARY PATHOLOGY

NECROPSY LAB PRACT  V PTH 456  1 CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED students
7007005 MTWF 1:10-5:00
FAILES-WILLIAMS A
Note: Materials and professional support fee $150.00

CLIN PATH LAB PRACT  V PTH 457  1 CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Course restricted to 4TH YEAR VET MED students
7008005 MTWF 8:00-11:50
FLAHERTY H

INDEPENDENT STUDY  V PTH 490  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR
Note: Permission of instructor required. Process approved add slip in 270A Vet Med.

DIAGN PARASITOLOGY  V PTH 548  1-3 CREDITS
Prereq: 476 OR 576
9668005 ARRANGED
MEETS: MAY 14-AUG 3
VETERINARY PATHOLOGY

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT
Prereq: 457, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
7037005 ARRANGED ANDREASEN C
MEETS: MAY 14-AUG 3
Note: Instructor permission required.

SURGICAL PATHOLOGY LAB V PTH 550 1-3 CREDITS
Prereq: 570 or 571, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
Satisfactory-Fail Only.
7479005 ARRANGED HAYNES J
MEETS: MAY 14-AUG 3

POSTMORTE PATHOLOGY LAB V PTH 551 1-3 CREDITS
Prereq: 542, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7038005 MTFWR 1:10-5:00 FALES-WILLIAMS A
S 10:00-11:50 FALES-WILLIAMS A
MEETS: MAY 14-AUG 3

SPL TOPIC VET PATHOLOGY V PTH 590A 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC VET PARASITOLOGY V PTH 590B 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOPIC CLINICAL PATHOLOGY V PTH 590C 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS V PTH 590D 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

CURR TOPICS SEMINAR V PTH 605 1 CREDIT
******* SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPRETATION V PATHOLOGY V PTH 606A 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7029005 ARRANGED ACKERMANN M
MEETS: MAY 14-AUG 3

DIAG INTERPRETATION V PATHOLOGY V PTH 606B 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7030005 ARRANGED JARVINEN J
MEETS: MAY 14-AUG 3

DIAG INTERPRETATION V PATHOLOGY V PTH 606C 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
5787005 ARRANGED
MEETS: MAY 14-AUG 3

DIAG INTERPRETATION CLINICAL PATHOLOGY V PTH 606D 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
9694005 ARRANGED ANDREASEN C
MEETS: MAY 14-AUG 3

VETERINARY PATHOLOGY RESEARCH V PTH 699A VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY RESEARCH V PTH 699B VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY RESEARCH V PTH 699C VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY RESEARCH V PTH 699D VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY RESEARCH V PTH 699E VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY RESEARCH V PTH 699F VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY RESEARCH V PTH 699G VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

WOMEN'S STUDIES

SEX & GENDER IN SOCIETY W S 327 3 CREDITS
Prereq: SOC 130 or 134
Note: Meets U.S. diversity reqmt
7061005 A MWF 9:50-11:50
MEETS: MAY 14-JUNE 8

FEMINIST PHILOSOPHY W S 338 3 CREDITS
Prereq: 3 CR IN PHIL OR WOMEN'S STUDIES RECOMMEND
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
6331005 MWF 9:50-11:50
MEETS: MAY 14-JUNE 8

WOMEN'S LITERATURE W S 340 3 CREDITS
Prereq: ENGL 250 or ENGL 105
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
7062005 A MWF 11:00-1:00
MEETS: MAY 14-JUNE 22

PSYCHOLOGY OF women W S 346 3 CREDITS
Prereq: 2 COURSES IN PSYCH INCLUDING PSYCH 101
Note: Meets U.S. diversity reqmt
7064005 MWF 12:10-1:10
MEETS: MAY 14-JULY 6

INDEPENDENT STUDY W S 349 1-3 CREDITS
Prereq: ANY TWO COURSES IN W S
Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE
APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP W S 349 3 CREDITS
Prereq: SENIOR CLASSIFICATION
4097005 ARRANGED
MEETS: MAY 14-AUG 3

SENIOR THESIS W S 349 3 CREDITS
Prereq: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS W S 590 VAR. CREDITS
Prereq: PERMISSION OF WOMEN'S STUDIES PROGRAM DIRECTOR
Note: Department permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

WOMEN'S STUDIES (CONTINUED)

SEX & GENDER IN SOCIETY W S 327 3 CREDITS
Prereq: SOC 130 or 134
Note: Meets U.S. diversity reqmt
7061005 A MWF 9:50-11:50
MEETS: MAY 14-JUNE 8

FEMINIST PHILOSOPHY W S 338 3 CREDITS
Prereq: 3 CR IN PHIL OR WOMEN'S STUDIES RECOMMEND
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
6331005 MWF 9:50-11:50
MEETS: MAY 14-JUNE 8

WOMEN'S LITERATURE W S 340 3 CREDITS
Prereq: ENGL 250 or ENGL 105
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
7062005 A MWF 11:00-1:00
MEETS: MAY 14-JUNE 22

PSYCHOLOGY OF women W S 346 3 CREDITS
Prereq: 2 COURSES IN PSYCH INCLUDING PSYCH 101
Note: Meets U.S. diversity reqmt
7064005 MWF 12:10-1:10
MEETS: MAY 14-JULY 6

INDEPENDENT STUDY W S 349 1-3 CREDITS
Prereq: ANY TWO COURSES IN W S
Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE
APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP W S 349 3 CREDITS
Prereq: SENIOR CLASSIFICATION
4097005 ARRANGED
MEETS: MAY 14-AUG 3

SENIOR THESIS W S 349 3 CREDITS
Prereq: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS W S 590 VAR. CREDITS
Prereq: PERMISSION OF WOMEN'S STUDIES PROGRAM DIRECTOR
Note: Department permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

WOMEN'S STUDIES (CONTINUED)

SEX & GENDER IN SOCIETY W S 327 3 CREDITS
Prereq: SOC 130 or 134
Note: Meets U.S. diversity reqmt
7061005 A MWF 9:50-11:50
MEETS: MAY 14-JUNE 8

FEMINIST PHILOSOPHY W S 338 3 CREDITS
Prereq: 3 CR IN PHIL OR WOMEN'S STUDIES RECOMMEND
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
6331005 MWF 9:50-11:50
MEETS: MAY 14-JUNE 8

WOMEN'S LITERATURE W S 340 3 CREDITS
Prereq: ENGL 250 or ENGL 105
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
7062005 A MWF 11:00-1:00
MEETS: MAY 14-JUNE 22

PSYCHOLOGY OF women W S 346 3 CREDITS
Prereq: 2 COURSES IN PSYCH INCLUDING PSYCH 101
Note: Meets U.S. diversity reqmt
7064005 MWF 12:10-1:10
MEETS: MAY 14-JULY 6

INDEPENDENT STUDY W S 349 1-3 CREDITS
Prereq: ANY TWO COURSES IN W S
Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE
APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP W S 349 3 CREDITS
Prereq: SENIOR CLASSIFICATION
4097005 ARRANGED
MEETS: MAY 14-AUG 3

SENIOR THESIS W S 349 3 CREDITS
Prereq: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS W S 590 VAR. CREDITS
Prereq: PERMISSION OF WOMEN'S STUDIES PROGRAM DIRECTOR
Note: Department permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS