Fall Semester 2012
Classes Begin: August 20
University Holiday: September 3
Thanksgiving Break: November 19-23
Final Exams: December 10-14
University Commencement: December 15

Registration Start Dates for Fall 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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## Fall Semester Courses

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**AccessPlus Registration**
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 as an 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 Fall 2012 are August 20, September 20, and October 20 for deferred billing. A $20 deferred billing charge is assessed. Contact Accounts Receivables for information.

**Graduation Information**
If planning to graduate this fall students need to complete a graduation application. Go to the ISU website index under Graduation and Commencement, click on students, then choose graduation application.

**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.

**Registration Start Dates**
Registration start dates are assigned based on projected year-in-school classification, which is computed by combining total credits earned 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 you should register as early as your start date and time allows.

**Registration Start Dates for Fall 2012**
Refer to page 1 for registration start dates.

**Room Assignments**
Room assignments will be show on their AccessPlus class schedule on Monday, July 23. To find a map of class room locations go to the ISU index under Classroom abbreviations.

**Schedule Changes**
Students can make schedule changes using AccessPlus Registration through Friday, August 24. For additional schedule change deadlines and information 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 Fall 2012

July. 20, Fri. • Beginning Class lists available on AccessPlus

Aug. 1, Wed. • University bills with Fall 2012 tuition and fees charges available on AccessPlus.

Aug. 17, Fri. • Last day to initiate registration in person without a late registration fee in the Registrar’s Student Scheduling Office, 10 Enrollment Services Center by 5 p.m. Registration may be initiated using AccessPlus until 11 p.m. Aug. 21, without a late registration fee.

Aug. 1, Wed. • Last day to change a full-semester or first half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation.

Aug. 1, Wed. • Last day to elect to audit a course for fall. The instructor of the course must approve an audit.

Aug. 1, Wed. • Last day to return textbooks for refund to University Book Store. Exclusions apply. See www.isubookstore.com for details.

Aug. 17, Fri. • Fee payment deadline for fall. First payment (minimum due) or payment in full.

Aug. 17, Fri. • Last day to initiate registration through AccessPlus without a late registration fee. Registration must be completed by 11 p.m.

Aug. 17, Fri. • Last day to cancel registration on AccessPlus for fall to avoid tuition assessment. All courses must be dropped on AccessPlus by 11 p.m.

Aug. 17, Fri. • Last day to change a full-semester or first half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation.

Aug. 17, Fri. • Last day to change degree audit information for fall semester.

Aug. 17, Fri. • Fee payment deadline for fall semester. Second payment (minimum due).

Aug. 17, Fri. • Last day to add/drop a first half-semester course without extenuating circumstances.

Aug. 17, Fri. • Last day to change a first half-semester course to or from Pass/Not Pass. Courses changed to graded basis after Aug 31 count toward total allowable P/NP credits used for graduation.

Aug. 17, Fri. • Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat.

Aug. 17, Fri. • Schedule of Classes for Spring 2012 available for viewing on the Web at http://classes.iastate.edu/

Aug. 17, Fri. • Midterm grade reports due from all departments (Blackboard, WebCT and AccessPlus)

Aug. 17, Fri. • First half-semester courses end.

Aug. 17, Fri. • Advising period for Spring 2013 registration begins.

Aug. 17, Fri. • Second half-semester courses begin.

Aug. 17, Fri. • Registration period for Spring 2013 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.

Aug. 17, Fri. • First day of assigned Spring 2013 registration dates for students in the College of Veterinary Medicine and students in the Graduate College. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

Aug. 17, Fri. • Seniors graduating Spring 2013 should submit a Graduation Application to the Registrar’s Graduation Office, 210 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar’s Graduation Office, 210 Enrollment Services Center.
University Calendar Fall 2011

Oct. 18, Thurs.  • First day of assigned Spring 2013 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

Oct. 19, Fri.  • Last day to process most schedule changes in a second half-semester course without a schedule change fee or to add/drop a second half-semester course without signatures of instructor and adviser. See the tuition adjustment schedule for financial deadlines.

Oct. 20, Sat.  • Fee payment deadline for fall. Final payment due.

Oct. 25, Thurs.  • First day of assigned Spring 2013 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.

Oct. 26, Fri.  • Last day to add/drop full-semester courses without extenuating circumstances.

Oct. 31, Wed.  • Graduate College: last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee.

Nov. 1, Thurs.  • First day of assigned Spring 2013 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.

Nov. 8, Thurs.  • First day of assigned Spring 2013 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday, and most Sundays.

Nov. 16, Fri.  • Last day to add/drop a second half-semester course without extenuating circumstances.

Nov. 19-23 Mon.—Fri.  • Thanksgiving break, classes recessed.

Nov. 21, Wed.  • Graduate College: classes recessed.

Nov. 22-23 Thurs.—Fri.  • University holidays—offices closed.

Nov. 27, Tues.  • Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation.

Nov. 29, Thurs.  • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.

Nov. 30, Fri.  • Graduate College: last day for final submission of graduate student graduation approval slip.

Dec. 4-Dec. 15 Tues.—Sat.  • End of term textbook buyback begins at University Bookstore.

Dec. 10-14 Mon.—Fri.  • Final examinations.

Dec. 14, Fri.  • Undergraduate graduation applications for Spring 2013 are due in the Registrar’s Graduation Office, 210 Enrollment Services Center.

Dec. 15, Sat.  • University Commencement:

Dec. 18, Tues.  • Electronic grades due from all departments (Blackboard, WebCT and AccessPlus)

Dec. 19, Wed.  • Grade reports available on AccessPlus

Dec. 24-25 Mon—Tues.  • University holidays—offices closed.
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 .......................................... 102 Carrie Chapman Catt Hall ............................... 294-1522
Veterinary Medicine .................................................. 2540 Veterinary Medicine ....................................... 294-0772

Financial Aid Office  www.financialaid.iastate.edu
General Information .................................................. 0210 Beardshear .................................................... 294-2223

ISUCard Office  www.isucard.iastate.edu
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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Veterans Certification ............................................... 214 Enrollment Services Center ............................... 294-1840

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

Student Answer Center  www.answer.iastate.edu/
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. Applications are available through the Iowa State University home page, just click 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 otherwise would be denied admission to Iowa State an opportunity to demonstrate they are capable of successfully completing college-level courses. Students who successfully complete the summer trial enrollment will be allowed to continue their enrollment in the fall semester. For more specific information, contact the Office of Admissions.

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

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Tuition and Fees area, 0460 Beardshear, at 515-294-1889, or e-mail reentry@iastate.edu. Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work attempted to the Office of Admissions, 100 Enrollment Services Center.
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 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, (not including summer) 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 the student services office of their prospective college.

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 students record and address information updated prior to meeting with 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, 3428 Memorial Union, 515-294-1120, or e-mail: intlserv@iastate.edu.
Registration

To prepare to register for classes, students 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 their 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 their curriculum.

To register, follow these steps:

1. Students meet with their academic adviser, who will provide the following:
   a. degree audit
   b. guidance in course selection
   c. registration authorization card, with RAN, if applicable.

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

3. Students should review their registration start date/time information and any registration hold information on AccessPlus, under Current Information. Students must resolve holds on their 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 mid-March.

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

Initiating Registration

The last day to initiate a new registration through AccessPlus registration for Fall 2012 is Sunday, August 19 or the Student Scheduling Office in 10 Enrollment Services Center is Friday, August 19. A late registration fee is assessed for a registration initiated on or after the first day of classes. See the Tuition and Fees section for the late fee amounts.

Cancelling Registration

Notify the Office of the Registrar by 4 p.m. Friday, August 17, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m Sunday, August 19 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 do not require a RAN are Business, Vet. Med., and the Graduate College. Students will be held accountable for all changes made to the schedule through AccessPlus, therefore this number should not be shared. A new RAN will be assigned 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 schedule for time conflicts.
- If students 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 their schedule.
- Entering the Registration Access Number (RAN) is no longer required once courses exist on their schedule. If they are already registered, they won’t need to enter the RAN again to change their schedule.
- If they get the message “You have requested a restricted section for which your are not eligible,” click on the Details button on the Search page to view course section restrictions.
- If students are in a learning community, they must add the learning community reference number first before other courses exist on their schedule. They cannot drop a LTM without dropping all associated courses.
Schedule of Classes
http://classes.iastate.edu/

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

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

Schedule Planner
http://planner.iastate.edu/

The Class Schedule Planner allows schedule planning using courses displayed in the Schedule of Classes at http://classes.iastate.edu. Courses and/or sections can be selected for a particular term, as well as block out unavailable class days and times. Based on selections, Class Schedule Planner can return all possible schedules in a color coded grid format.

Though it is a web-based application, the Class Schedule Planner does not require authentication (no user ID, PIN, or password). This application serves as a planner and, as such does not have the ability to perform any course registrations. The application requires users to have Java on their computer. For more information see the Help link in the Class Schedule Planner.

AccessPlus
https://accessplus.iastate.edu/

AccessPlus is a secure and confidential campus information system that allows students to view a personalized menu from a campus or home workstation. A university ID plus a password are required to view personal information. AccessPlus is available to Iowa State University students and faculty/staff, day or night, seven days a week, from anywhere in the world. 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.

Drops and other schedule changes that are judged to be beyond the student’s control may be processed as administrative actions if approved as such by the college dean. There is no schedule change fee for administrative schedule changes. Administrative drops do not count toward a student’s ISU drop limit or appear as an X on the permanent record. The effective date of an administrative action is the date approved by the college student services office and/or college dean of the student’s college.

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

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

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

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 as 4 credits.
- R-credit (Required credit) coursework is assessed minimum tuition and fees equal to the 2 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- 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 fall semester are due August 20. Payments for spring semester are due January 20. Payments for summer semester are due May 20.

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

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

Monthly Payment Plan
Under the Monthly Payment Plan, students pay the academic costs for fall and spring semesters in 12 installments beginning April 20 and ending the following March 20. The university also offers 11, 10 or 9 month plans. A $50 enrollment fee is due with the first monthly payment. All payments are deducted from a designated bank account. For more information contact the Accounts Receivable Office.

Past Due Accounts
If payment of the minimum due is not made by the deadline printed on the billing statement, all fees become due immediately. A one-percent finance charge will be assessed on the total amount due at that time, and a “hold” will be placed on their registration until payment of the total amount due has been made. If students have past due accounts receivable charges prior to the beginning of classes, they may be dropped from enrollment if these past due charges are not paid by the Friday before the first day of class. Students that are subject to being dropped will be notified via their Iowa State e-mail account.

Cancelling Registration
A cancellation is processed when a student notifies the Office of the Registrar of their decision not to attend classes for the current semester prior to the day class work begins. 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 4:00 p.m. Friday, August 19; or drop all of your classes through AccessPlus by 10 p.m. Sunday, August 21.

You may cancel your registration by contacting the Office of the Registrar at 515-294-1889 or go to the ISU index under Cancelling Registration. Students 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, August 22), 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, if 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.
Tuition Adjustment Schedule

This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Fall 2012:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Student Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug. 20-24</td>
<td>10%</td>
</tr>
<tr>
<td>Aug. 25-31</td>
<td>25%</td>
</tr>
<tr>
<td>Sept. 1-10</td>
<td>50%</td>
</tr>
<tr>
<td>Sept. 11-17</td>
<td>75%</td>
</tr>
<tr>
<td>After Sept. 17</td>
<td>100%</td>
</tr>
</tbody>
</table>

The Tuition Adjustment Schedule will be pro-rated when partial term courses 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 515-294-1889 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 set fee assessment date. Students who add courses at any time during the semester will be assessed tuition and fees if applicable according to the fee schedule. Contact the Tuition and Fees area of the Office of the Registrar for deadline related to specific courses.

Tuition Adjustment Schedule 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 Tuition and Fees Office, 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.

GLOSSARY OF FEES

Activity, Services, Building and Recreation Fee

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

Admissions 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. This fee does not apply to special students or workshop applicants.

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.

Health Facility Fee

All students are assessed an $8 health facility fee, except for students exclusively registered for the following: distance education courses, (courses with sections beginning with an X); courses for which no tuition is assessed; continuous registration status courses; graduate students enrolled in GR ST 600, 601, Psych 597, 697; or high school students enrolled under the Postsecondary Enrollment Options Act. (Note: The health facility fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship.)

For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule will also be used for the health facility fee.

Health Fee (Mandatory)

All students are assessed an $98 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. (Note: The health fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students.)
Students who withdraw or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the tenth class day (September 3) with no adjustment after that time. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

Students who are exempt from the mandatory Health Fee may use the services of the Thielen Student Health Center on a fee for service basis or may elect to pay the $98 Health Fee and $8 Health Facility Fee, which allows participants to receive services at the Thielen Student Health Center for the same rate as students who pay the mandatory health fee. Spouses/domestic partners of students who wish to use the Thielen Student Health Center must pay the $98 Health Fee and $8 Health Facility Fee.

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

**Late Registration Fee**

Sunday, August 19 is the last day to initiate a registration for full semester courses for Fall 2012 without a late registration fee. Beginning Monday, August 20, undergraduate students are assessed a late registration fee of $20. Graduate students are assessed a late registration fee of $20 the first week of classes, $50 the second week, and $100 the third week or later.

**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.

**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.

**Technology Fee**

All students will be charged a computer technology fee each semester. Full-time graduate 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 $115 per semester. Fulltime graduate students will be assessed $92. Engineering and Computer Science graduate students with graduate assistant appointments will be assessed $111.50. Business graduate students on assistantship will be assessed $56. All other majors, regardless of the number of credits in and the fraction of time they are on appointment will be assessed $46.

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

**Graduation Fee**

The $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 $8 health facility fee for Fall 2012, except for students exclusively registered for the following: distance education courses; (courses with sections beginning with an X); courses for which no tuition is assessed; continuous registration status courses, graduate students enrolled in GR ST 600, 601, Psych 597, 697; or high school students enrolled under the Postsecondary Enrollment Options Act. Note: The health facility fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship. For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule will also be used for the health facility fee.
Graduation

Undergraduate Students
Fall 2012 graduating seniors are encouraged to submit applications for graduation after registering for their final semester. Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 210 Enrollment Services Center by April 10, 2012. Applicants will be assessed a $60 nonrefundable graduation fee the tenth day of classes.

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.

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

University commencement ceremony will be held Saturday, December 15, at 1:30 p.m., in Hilton Coliseum.

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

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

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

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

• An “Application for Graduation” (diploma slip) should be obtained from the students department or the Graduate College website and filed in the Graduate College by Friday, August 24.

• Last day for graduate students to cancel graduation is October 31. All graduate students who haven’t cancelled by this date will be assessed a nonrefundable graduation fee.

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

• Final oral examination must be taken by Wednesday, November 21.

• Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, November 27. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, November 29.

• Signatures must be obtained on the “Graduate Student Approval Slip” by Friday, November 30 This form will be sent to their major professor or department when their “Request for Final Examination” is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.

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

Ceremony, attendance, and diploma mailing information will be e-mailed from the graduation office to the student's in-session-e-mail address approximately four weeks before graduation. Please notify the Office of the Registrar, 214 Enrollment Services Center, of any address changes. Contact the Registrar's Graduation Office, 210 Enrollment Services Center, (515)294-9372 or e-mail: graduation@iastate.edu if graduation e-mail information is not received.

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 a student is considering changing their major, they may view an alternate degree audit, for the major in which they have an interest, through AccessPlus.

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 they and their high school classmates perform in comparison to the entire ISU freshman class. For further information, contact the Office of the Registrar, 214 Enrollment Services Center.

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

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

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

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

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

Repeated Courses
If a course is repeated, 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 after more than three semesters (not including summer) must be noted on a Designation of Repeated Course form. This form can be obtained from departmental offices and must be signed by the student's adviser 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>

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 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 students must 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 Division in 27 Armory. For more information go to the ISU index under Parking Division.

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

To use the services of the Lied Recreation Center, CyCash, Parks Library, or Thielen Student Health Center (spouses/domestic partners must pay the Health Facility and Health Fee), students may apply for the Spouse/Domestic Partner Card. The spouse/domestic partner must bring a photo ID, the student’s University ID number, and proof of marriage or relationship (marriage certificate, joint insurance cards or joint tax returns) to the ISUCard Office in 0530 Beardshear. The cost is $15 per card, payable by cash or check, and the cards expire on June 30 each year.
Course Information

Course Listing Information
The first line for each course includes the course title as it will appear on the student's 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 the Schedule of Classes.

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

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

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

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Department</th>
<th>Course Number</th>
<th>Number of Credits</th>
<th>Reference Number</th>
<th>Days of the week a Course meets:</th>
<th>Course meeting time</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEGAL ENVIRONMT BUS PREREQ: SOPH CLASSIFICATION</td>
<td>ACCT</td>
<td>215</td>
<td>3 CR.</td>
<td>5277005 A MWF 9:00-9:50</td>
<td>M- Monday, T- Tuesday, W- Wednesday, R- Thursday, F- Friday</td>
<td>5277010 B MWF 11:00-11:50</td>
</tr>
</tbody>
</table>

Special Notes:
(prerequisites, restrictions, etc)
Course Information

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 students' 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 for Full Term Courses
Instructors must approve all audits.

- **Adding an audit**
  - 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 from credit to audit**
  - 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 from audit to credit** (5 days allowed)
  - Through day 5 of classes: instructor approval required.
  - After day 5: instructor, adviser, college approval required; schedule change fee applies.

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

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

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

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

Course Descriptions
Course descriptions can be found in the Iowa State University Undergraduate and Graduate Courses and Programs 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. Individual students. 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, July 27, students may find room assignments by viewing their schedule on AccessPlus.

**Time Conflicts**

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

**Validation of Enrollment**

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

**Videotaping/Audiotaping Classes**

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

Night exams may be scheduled for a multi-sectioned course if a common departmentally developed examination will be administered to all students in the course at the same time, and test scores will be used as a basis for uniform grading for all sections of the course. Night exam requests must be approved by the Provost and announced in the Schedule of Classes.

Whenever a night exam is administered, a regular class meeting during that week will be omitted. Students who are unable to take a night exam at a scheduled time because of a course conflict or other legitimate reason must notify the instructor in advance. The student must be given the opportunity to be examined at another time mutually convenient for the student and the instructor. The instructor will determine whether to administer the same exam or an alternate exam, or use an alternate assessment procedure. Graduate faculty who want to administer a night examination should work directly with Room Scheduling to ensure that a room is available for the exam.

Night Exams for Fall 2012
Updates are posted on the web under Night Exams.

Credit by Examination

General Information
Students may earn academic credit by examination. A fee is charged for each examination. Two types of credit by examination are available at Iowa State University: departmental exams and CLEP (College Level Examination Program) exams. Most exams are given during the first week of classes and require prior arrangements. CLEP Exams are given throughout the year. All arrangements are initiated by the student and fees are non-refundable. Discuss test-out plans with an adviser to verify applicability of credit earned. Test-out credit is recorded during the semester the exam is taken. Once recorded, test-out credit will appear on the students degree audit and permanent record.

Students should take a test-out exam the semester before planning to take the course. In some courses, students who plan to take the test-out exam may not be allowed to register for the course in the same semester. For more information, refer to the Iowa State University Undergraduate and Graduate Courses and Programs catalog.

Departmental Test-out Exams
Departmental test-out exams are available for many courses. For more information about available tests, testing times, and costs, go to the ISU index and choose Test Out Exams.

CLEP Exams
CLEP examinations are national computer based tests authorized by ISU for credit in specific classes and general areas of study. Credit may be granted for a score at or above a B grade level. For most current minimum test score information refer to the ISU index under College-Level Exam Program.

CLEP exams are administered by the Student Counseling Service Testing Office, Room 2030 Student Services Building throughout the year. For information about test registration and fees go to the ISU index, Test Out Exams, CLEP Testing.

<table>
<thead>
<tr>
<th>CLEP Exam</th>
<th>ISU Courses</th>
<th>Sem. Cr. Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial Accounting*</td>
<td>Acct 284</td>
<td>3</td>
</tr>
<tr>
<td>American Govt.</td>
<td>Pol S 215</td>
<td>3</td>
</tr>
<tr>
<td>Biology**</td>
<td>Biol 101</td>
<td>3</td>
</tr>
<tr>
<td>Calculus</td>
<td>Math 165</td>
<td>4</td>
</tr>
<tr>
<td>Humanities*</td>
<td>Fine Arts Literature</td>
<td>2</td>
</tr>
<tr>
<td>Principles of Macroeconomics</td>
<td>Econ 102</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Microeconomics</td>
<td>Econ 101</td>
<td>3</td>
</tr>
<tr>
<td>Natural Sciences*</td>
<td>Biological Science</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Physical Science</td>
<td>3</td>
</tr>
<tr>
<td>Introductory Psychology</td>
<td>Psych 101</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences and History*</td>
<td>Social Science</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>History</td>
<td>2</td>
</tr>
<tr>
<td>Introductory Sociology</td>
<td>Soc 134</td>
<td>3</td>
</tr>
<tr>
<td>French Language</td>
<td>Frnch 101, 102</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Frnch 101, 102, 201</td>
<td>12</td>
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<td>Frnch 101, 102, 201, 202</td>
<td>16</td>
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<td>German Language</td>
<td>Ger 101, 102</td>
<td>8</td>
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<tr>
<td></td>
<td>Ger 101, 102, 201</td>
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<td>Ger 101, 102, 201, 202</td>
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<tr>
<td>Spanish Language</td>
<td>Span 101, 102</td>
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<td>Span 101, 102, 201</td>
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</tr>
<tr>
<td></td>
<td>Span 101, 102, 201, 202</td>
<td>16</td>
</tr>
</tbody>
</table>

* Excludes Engineering majors
** Excludes biology and engineering majors
*** Excludes native or near-native speakers
Tentative Final Exam Schedule

All class work will close on Saturday, December 11 at 5 p.m.

Final exams in courses of two or more credits may not be given at a time that differs from the exam time scheduled by the registrar. An instructor may not give a final exam prior to final exam week nor change the published time of the final examination as it appears in the final exam schedule. Permission to change the time for which an exam is scheduled may be given only by the dean of the college. If the instructor elects not to give a final exam, the class is required to meet at the scheduled final exam period for other educational activity such as a review of the course or feedback on previous exams.

With the exception of special group courses, time for examinations is determined by the student’s first contact of the week in each course. Special group courses will be scheduled after fall semester begins if appropriate exam times and rooms can be arranged. When using this tentative schedule, refer to the list of probable special group exam courses. This list of group exam courses is subject to change.

For courses which are all recitation or lecture, or which have one or more recitations with one or more laboratories, the first recitation or lecture of the week is considered as the first contact of the week. In courses having both recitations and lectures, the department head may determine whether the first lecture or the first recitation is to be considered the first contact.

For courses having a first contact on the half hour, the first full hour following the half hour should be used. For example, 8:30 to 10:00 would have a 9:00 contact, 12:40 to 2:00 would have a 1:00 contact, and so forth.

Courses with lectures scheduled at 6:00 p.m. or later should give their examinations during finals week from 7:00-9:00 p.m. on the day the class normally meets.

Other courses not listed on the exam schedule, such as courses with first contact hour Tuesday at 12 p.m. or on Wednesday, are to have examinations during finals week at a time to be announced by the instructor.

Examinations will be held in the meeting place of the first contact of the week, except those in special groups. For the special groups, the place will be announced by the instructor.

Students who have three or more finals on the same day may request to reschedule a final. To reschedule, the student must notify the instructor on the last day of class before the beginning of dead week so the instructor has time to make appropriate arrangements.

### Tentative Combined Group Exams

The following courses are most likely to have combined group exams scheduled for Fall 2011. (This list of group exam courses may change due to departmental preference and/or time and room scheduling difficulties.) For the list of exam days and times go to the ISU index under Final Exams.

- Acct 215, 284, 285
- Aer E 160
- Agron 114
- Astro 120
- C E 332
- Chem 163, 167, 177, 331
- Chin 101
- Com S 207, 227, 228
- E M 274, 324, 345, 378
- Engr 160
- Fin 301
- Frmch 101, 201
- Geol 100
- I E 305
- Math 140, 142, 151, 165, 195, 196, 205
- Mat E 273
- M E 270
- Phys 111, 221, 221H, 222, 222H
- Psych 101 (Sec. A, B, C only), 230, 280
- Soc 134
- SCM 301
- Span 97, 101, 201
- Stat 326

### Exams Based on First Contact

<table>
<thead>
<tr>
<th>First Contact</th>
<th>Exam Day</th>
<th>Exam Time</th>
</tr>
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<tbody>
<tr>
<td>Mon., 8 a.m.</td>
<td>Thurs., Dec. 13</td>
<td>7:30-9:30 a.m.</td>
</tr>
<tr>
<td>Mon., 9 a.m.</td>
<td>Mon., Dec. 10</td>
<td>7:30-9:30 a.m.</td>
</tr>
<tr>
<td>Mon., 10 a.m.</td>
<td>Tues., Dec. 11</td>
<td>9:45-11:45 a.m.</td>
</tr>
<tr>
<td>Mon., 11 a.m.</td>
<td>Thurs., Dec. 13</td>
<td>9:45-11:45 a.m.</td>
</tr>
<tr>
<td>Mon., 12 p.m.</td>
<td>Fri, Dec. 14</td>
<td>9:45-11:45 a.m.</td>
</tr>
<tr>
<td>Mon., 1 p.m.</td>
<td>Wed., Dec. 12</td>
<td>2:15-4:15 p.m.</td>
</tr>
<tr>
<td>Mon., 2 p.m.</td>
<td>Thurs., Dec. 13</td>
<td>12:00-2:00 p.m.</td>
</tr>
<tr>
<td>Mon., 3 p.m.</td>
<td>Wed., Dec. 12</td>
<td>7:30-9:30 a.m.</td>
</tr>
<tr>
<td>Mon., 4 p.m.</td>
<td>Mon., Dec. 10</td>
<td>2:15-4:15 p.m.</td>
</tr>
<tr>
<td>Tues., 8 a.m.</td>
<td>Fri, Dec. 14</td>
<td>7:30-9:30 a.m.</td>
</tr>
<tr>
<td>Tues., 9 a.m.</td>
<td>Tues. Dec. 11</td>
<td>7:30-9:30 a.m.</td>
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<tr>
<td>Tues., 10 a.m.</td>
<td>Mon., Dec. 10</td>
<td>9:45-11:45 a.m.</td>
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<tr>
<td>Tues., 11 a.m.</td>
<td>Wed., Dec. 12</td>
<td>9:45-11:45 a.m.</td>
</tr>
<tr>
<td>Tues., 12 p.m.</td>
<td>Exam time to be announced by instructor</td>
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<tr>
<td>Tues., 1 p.m.</td>
<td>Mon., Dec. 10</td>
<td>12:00-2:00 p.m.</td>
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<td>Tues., 2 p.m.</td>
<td>Tues. Dec. 11</td>
<td>12:00-2:00 p.m.</td>
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<td>Tues., 3 p.m.</td>
<td>Thurs., Dec. 13</td>
<td>2:15-4:15 p.m.</td>
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<tr>
<td>Tues., 4 p.m.</td>
<td>Fri, Dec. 14</td>
<td>12:00-2:00 p.m.</td>
</tr>
</tbody>
</table>
Registration Worksheet

Name (please print) __________________________ (Last) (First) (Middle) Term __________

Please provide your university ID __________________________

If you have a problem 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 you want on your schedule.

B. Meet with your adviser to discuss your courses and to obtain your registration access number (RAN), if required by your college.

C. Register via AccessPlus at 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 and determine when it’s feasible to respond to 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, you must obtain written permission from your adviser, the instructors for the courses you plan to take, as well as approval from the dean of the college in which you are registered. During the summer session, these approvals must be obtained in order to register after the third day of classes.

Courses—Prepare with alternative course selections in case your first choice courses are closed.

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

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Notes

Adviser signature: __________________________ Date approved: __________________________
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## Registration Trial Schedule Grid

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### Campus Buildings and Abbreviations

<table>
<thead>
<tr>
<th>Abbr.</th>
<th>Building</th>
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<th>Building</th>
</tr>
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<tbody>
<tr>
<td>Agron</td>
<td>Agronomy Hall</td>
<td>Jischke</td>
<td>Martin Jischke Honors Bldg.</td>
</tr>
<tr>
<td>Ames Hi</td>
<td>Ames High School</td>
<td>Kildee</td>
<td>Kildee Hall</td>
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<tr>
<td>Armory</td>
<td>Armory</td>
<td>L A</td>
<td>Landscape Architecture Bldg. Bessey</td>
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<td>Atanslf</td>
<td>Atanasoff Hall</td>
<td>L Mech</td>
<td>Laboratory of Mechanics</td>
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<td>Bessey</td>
<td>Bessey Hall</td>
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<td>Lagomarcino Hall</td>
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<td>Beyer</td>
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<td>LeBaron</td>
<td>LeBaron Hall</td>
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<tr>
<td>BRL</td>
<td>Biorenewables Research Laboratory</td>
<td>Library</td>
<td>Parks Library</td>
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<tr>
<td>Black</td>
<td>Black Engineering Bldg.</td>
<td>MacKay</td>
<td>MacKay Hall</td>
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<tr>
<td>Carver</td>
<td>Carver Hall</td>
<td>MWL Com*</td>
<td>Maple-Willow-Larch Commons</td>
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<tr>
<td>Com Bldg</td>
<td>Communications Bldg.</td>
<td>Martin</td>
<td>Martin Residence Hall</td>
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<td>Marston</td>
<td>Marston Hall</td>
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<td>Curtiss</td>
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<td>Meats L</td>
<td>Meats Laboratory</td>
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<td>Dairy Farm</td>
<td>Mem Un/MU</td>
<td>Memorial Union</td>
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<tr>
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<td>Mol-Bio</td>
<td>Molecular Biology Bldg.</td>
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<td>College of Design</td>
<td>Morrill</td>
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<tr>
<td>Durham</td>
<td>Durham Center</td>
<td>Music</td>
<td>Music Hall</td>
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<tr>
<td>E Hall</td>
<td>East Hall</td>
<td>NSRIC</td>
<td>National Swine Research and Information Center</td>
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<tr>
<td>Farm Bu</td>
<td>Farm Bureau Livestock Pav. (Kildee)</td>
<td>Palmer</td>
<td>Palmer HDFS Bldg.</td>
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<td>Pearson</td>
<td>Pearson Hall</td>
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<td>Forker</td>
<td>Barbara Forker Building</td>
<td>Physics</td>
<td>Physics Hall</td>
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<tr>
<td>Friley*</td>
<td>Friley Residence Hall</td>
<td>Phys A</td>
<td>Physics Addition</td>
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<td>Gerdin</td>
<td>Gerdin Business Building</td>
<td>Roberts*</td>
<td>Roberts Residence Hall</td>
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<td>Ross H</td>
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<td>Horse Barn</td>
<td>Sned H</td>
<td>Snedecor Hall</td>
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<td>Hort</td>
<td>Horticulture Hall &amp; Greenhouse</td>
<td>St Gym</td>
<td>State Gymnasium</td>
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<td>Zaffrno</td>
<td>Zaffarano Physics Addition</td>
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</tbody>
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### Other Campus Buildings

- ASB: Administrative Services Bldg.
- AlumCTR: Alumni Center
- Bdshar: Beardshear Hall
- Campani: Campanile
- Catt: Carrie Chapman Catt Hall
- Enrl Sc: Enrollment Services Center
- Farm H: Farm House Museum
- Fisher: Fisher Theater
- Hilton: Hilton Coliseum
- Hub: Hub
- Hixon: Hixon-Lied Student Success Center
- Enrl Sc: Enrollment Services Center
- Jacobsn: Richard Jacobson Athletic Bldg.
- Lied/Rec: Lied Recreation Center
- Scheman: Scheman Building
- Sloss H: Sloss House
- Stadium: Jack Trice Stadium
- Std Hth: Thiel Student Health Center
- Std Ser/SSB: Student Services Bldg.
- Stephen: Stephens Auditorium

* Residence Halls
### ACCOUNTING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th><em>prereq</em></th>
<th>Schedule</th>
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<tbody>
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<td>ACCT 215</td>
<td>3</td>
<td>SOPH CLASSIFICATION</td>
<td>MWF 8:00-8:50, AUG 20-DEC 14</td>
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<tr>
<td>210</td>
<td>ACCT 210</td>
<td>3</td>
<td></td>
<td>MWF 9:00-9:50, AUG 20-DEC 14</td>
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<td>215</td>
<td>ACCT 215</td>
<td>3</td>
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<td>TR 10:00-10:50, AUG 20-DEC 14</td>
</tr>
<tr>
<td>210</td>
<td>ACCT 210</td>
<td>3</td>
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<td>TR 11:00-11:50, AUG 20-DEC 14</td>
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<td>205</td>
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<td>TR 12:00-12:50, AUG 20-DEC 14</td>
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<td>ACCT 200</td>
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### FINANCIAL ACCOUNTING

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th><em>prereq</em></th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>284</td>
<td>ACCT 284</td>
<td>3</td>
<td>NOT OPEN TO FIRST-TERM FRESHMEN</td>
<td>MWF 12:00-12:50, AUG 20-DEC 14</td>
</tr>
<tr>
<td>283</td>
<td>ACCT 283</td>
<td>3</td>
<td></td>
<td>MWF 1:00-1:50, AUG 20-DEC 14</td>
</tr>
<tr>
<td>286</td>
<td>ACCT 286</td>
<td>3</td>
<td></td>
<td>MWF 2:00-2:50, AUG 20-DEC 14</td>
</tr>
<tr>
<td>287</td>
<td>ACCT 287</td>
<td>3</td>
<td></td>
<td>MWF 3:00-3:50, AUG 20-DEC 14</td>
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</tbody>
</table>

### MANAGERIAL ACCOUNTING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th><em>prereq</em></th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>285</td>
<td>ACCT 285</td>
<td>3</td>
<td>285 OR 501 AND 301</td>
<td>MWF 8:00-8:50, AUG 20-DEC 14</td>
</tr>
<tr>
<td>284</td>
<td>ACCT 284</td>
<td>3</td>
<td></td>
<td>MWF 9:00-9:50, AUG 20-DEC 14</td>
</tr>
<tr>
<td>283</td>
<td>ACCT 283</td>
<td>3</td>
<td></td>
<td>MWF 10:00-10:50, AUG 20-DEC 14</td>
</tr>
</tbody>
</table>

### ADVANCED ACCOUNTING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th><em>prereq</em></th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>386</td>
<td>ACCT 386</td>
<td>3</td>
<td>285 OR 501 AND 301</td>
<td>MWF 11:00-11:50, AUG 20-DEC 14</td>
</tr>
<tr>
<td>385</td>
<td>ACCT 385</td>
<td>3</td>
<td></td>
<td>MWF 12:00-12:50, AUG 20-DEC 14</td>
</tr>
<tr>
<td>384</td>
<td>ACCT 384</td>
<td>3</td>
<td></td>
<td>MWF 1:00-1:50, AUG 20-DEC 14</td>
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</table>

### PRINCIPLES OF INCOME TAX

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th><em>prereq</em></th>
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<tbody>
<tr>
<td>485</td>
<td>ACCT 485</td>
<td>3</td>
<td>384</td>
<td>MWF 10:00-10:50, AUG 20-DEC 14</td>
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### INTERNATIONAL ACCOUNTING

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th><em>prereq</em></th>
<th>Schedule</th>
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<tr>
<td>496</td>
<td>ACCT 496</td>
<td>3</td>
<td>386 OR 501</td>
<td>MWF 11:00-11:50, AUG 20-DEC 14</td>
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<tr>
<td>495</td>
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<td>MWF 12:00-12:50, AUG 20-DEC 14</td>
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### ADVANCED ACCOUNTING PROBLEMS

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th><em>prereq</em></th>
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<tr>
<td>495</td>
<td>ACCT 495</td>
<td>3</td>
<td>386 OR 501</td>
<td>MWF 11:00-11:50, AUG 20-DEC 14</td>
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</table>

### INDEPENDENT STUDY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th><em>prereq</em></th>
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<tr>
<td>490</td>
<td>ACCT 490</td>
<td>1-3</td>
<td></td>
<td>MWF 12:00-12:50, AUG 20-DEC 14</td>
</tr>
</tbody>
</table>
ACCOUNTING (CONTINUED)

INTRO TO AUDITING ACCT 497 3 CREDITS
Prereq: ACCT 384, ACCT 387 and STAT 326
Note: COURSE RESTRICTED TO ACCT MAJORS TR 1-4 ONLY.
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.
Available for nonmajor graduate credit
1126005 A MW 3:40-5:00
MEETS: AUG 20-DEC 14
1126010 B MWF 8:00-8:50
MEETS: AUG 20-DEC 14

FINANCIAL ACCOUNTING ACCT 501 3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
9339005 R 8:30-11:00
MEETS: AUG 29-NOV 14
9339600 XA 9:30-9:30PM
MEETS: AUG 29-NOV 14
Note: NON-BUSINESS GRADUATE STUDENTS NEED TO CONTACT THE BUSINESS GRADUATE OFFICE FOR APPROVAL AT 751-924-8118 OR BUSGRAD@IASTATE.EDU.
Department permission required.
Section XA is off campus
Course delivery is On-site instruction
Taught in, or by DES MOINES

ADV ACCT INFO SYSTM ACCT 584 3 CREDITS
Prereq: ACCT 384
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
9023005 A MWF 10:00-10:50
MEETS: AUG 20-DEC 14

ADV FEDERAL TAXATN ACCT 586 3 CREDITS
Prereq: ACCT 485
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7001005 A TR 11:00-12:15
MEETS: AUG 20-DEC 14

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

FRAUD EXAM & PREVENT ACCT 591 3 CREDITS
Prereq: ACCT 497 OR ACCT 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7436005 A M 6:00-9:20PM
MEETS: AUG 20-NOV 12

ADV ACCTN PROBLS ACCT 595 3 CREDITS
Prereq: ACCT 387
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
1011005 A TR 12:40-2:00
MEETS: AUG 20-DEC 14

INTERNATIONAL ACCT ACCT 596 3 CREDITS
Prereq: ACCT 386 OR ACCT 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
2892005 A T 6:00-9:20PM
MEETS: AUG 28-NOV 13

FIN ACCT:THRY & ISS ACCT 598 3 CREDITS
Prereq: ACCT 386 OR ACCT 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
5338005 A W 6:00-9:20PM
MEETS: AUG 29-NOV 13

CREATIVE COMPONENT ACCT 599 2 CREDITS
Prereq: PERMISSION TO THE MASTER OF ACCT PROGRAM
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS

ADVERTISING

ADVERTISING PRINCIP ADVRT 230 3 CREDITS
4667005 A MW 9:00-10:50
MEETS: AUG 20-DEC 14

STRATEG PLAN AD&P.R ADVRT 301 3 CREDITS
Prereq: 230 OR JL MC 220; SOPHOMORE CLASSIFIANT
Note: SEC 1A,2A, ETC. RESTRICTED TO ADVERT, JL MC, P ADV, P JMC; SEC 1B,2B; ETC. RESTRICTED TO MAJORS OTHER THAN ADVERT, JL MC, P ADV, P JMC.
4439005 1A M 9:30-10:45
MEETS: AUG 20-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4439010 1B M 9:30-10:45
MEETS: AUG 20-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4439015 2A TR 9:30-10:45
MEETS: AUG 20-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4439020 2B TR 9:30-10:45
MEETS: AUG 20-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4439025 3A TR 11:00-12:15
MEETS: AUG 20-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4439030 3B TR 11:00-12:15
MEETS: AUG 20-DEC 14

Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html

STRATEG PLAN AD&P.R ADVRT 301 3 CREDITS
Prereq: ADVRT 230 OR ETAL MAJORS
4493004 4A TR 12:40-2:00
MEETS: AUG 20-DEC 14
4493040 4B TR 12:40-2:00
MEETS: AUG 20-DEC 14

ADVERTISING CREATIVEITY ADVRT 334 3 CREDITS
Prereq: 311; C+ OR BETTER IN JL MC 201
4669005 1 TR 9:00-10:30
APRIL
MEETS: AUG 20-DEC 14
4669010 2 TR 11:00-12:40, ARRANGED
MEETS: AUG 20-DEC 14

ADVERT MEDIA PLANNING ADVRT 335 3 CREDITS
Prereq: ADVRT 301/JL MC 301
4670005 1A MWF 2:10-3:00
MEETS: AUG 20-DEC 14
Note: SEC 1A FOR JL MC, ADVRT, P JMC, P ADV MAJORS ONLY
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4670010 1B MWF 2:10-3:00
MEETS: AUG 20-DEC 14
Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT, P JMC, P ADV
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html

ADVERT ACCOUNT MGMT ADVRT 336 3 CREDITS
Prereq: 311; C+ OR BETTER IN JL MC 201
4440005 1 TR 9:30-10:45
MEETS: AUG 20-DEC 14

PRO SKILL DEVELOP:MAP ADVRT 390A 2 CREDITS
Prereq: INSTRUCTOR PERMISSION
2398005 1 T 8:00-9:20
MEETS: AUG 20-DEC 14
Note: Instructor permission required.

ADVERTISING CAMPUS ADVRT 434 3 CREDITS
Prereq: 311 OR 490 OR 497 OR 501; MAJOR STATUS
4685005 1 TR 12:40-2:00
MEETS: AUG 20-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html

SPL TOP AD&PERSUASN ADVRT 497C 3 CREDITS
Prereq: MEMBERSHIP IN THE FRESHMAN HONORS PROGRAM
4213005 1A TR 12:40-2:00
MEETS: AUG 20-DEC 14
Note: COURSE RESTRICTED TO JL MC 101H ONLY
4213010 1B TR 12:40-2:00
MEETS: AUG 20-DEC 14

AEROSPAC ENGINEERING

ENGRI HONORS ORIENTA AER E 101H R CREDIT
Prereq: MEMBERSHIP IN THE FRESHMAN HONORS PROGRAM
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
1172005 1 R 10:00-10:50
R 11:00-11:50
MEETS: AUG 20-DEC 14
1172010 2 T 2:10-3:00
T 3:10-4:00
MEETS: AUG 20-DEC 14

ORIEN LEARNING/GRT AER E 112 2 CREDITS
1544005 A T 12:10-2:00
MEETS: AUG 20-DEC 14
WIERSEMA J
1544010 B W 4:10-6:00PM
MEETS: AUG 20-DEC 14
WIERSEMA J
MEETS: AUG 20-DEC 14

SPL PROBLM AER E 160 3 CREDITS
Prereq: SATISFACTORY SCORES ON MATH PLACEMENT EXAM; CREDIT OR ENROLLMENT IN MATH 142, 145
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/exams/nitexam.html.
46215005 1 TR 12:40-2:00
MEETS: AUG 20-DEC 14

46215010 2 TR 12:40-2:00
MEETS: AUG 20-DEC 14

46215015 3 TR 12:40-2:00
MEETS: AUG 20-DEC 14

46215020 4 TR 12:40-2:00
MEETS: AUG 20-DEC 14

AEROSPACE ENGINEERING (CONTINUED)

HONORS AER ENG PROB AER E 160H 3 CREDITS
Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: COURSE RESTRICTED TO AER E MAJORS WHO ARE MEMBERS
OF THE HONORS PROGRAM. OTHER QUALIFIED STUDENTS BY
PERMISSION OF THE DEPARTMENT.
7571005 1 MWF 10:00-11:50
T 10:00-11:50
MEETS: AUG 20-DEC 14
7571010 2 MWF 10:00-11:50
T 10:00-11:50
MEETS: AUG 20-DEC 14
NUMGRAPHIC&LAB TCNQ AER E 161 4 CREDITS
Prereq: 160 OR EQUIVALENT COURSE
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
7834005 1 TR 9:30-10:50
W 10:00-11:30
MEETS: AUG 20-DEC 14
AEROSPACE SEMINAR AER E 192 R CREDIT
Satisfactory-Fail Only.
1085005 M 10:00-11:30
MEETS: AUG 20-DEC 14
INTRO PERFMC&DSGN AER E 261 4 CREDITS
Prereq: 161, MATH 166, PHYS 221
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
6021005 1 TR 12:40-2:00
F 12:10-2:00
MEETS: AUG 20-DEC 14
6021010 2 TR 12:40-2:00
F 12:10-2:00
MEETS: AUG 20-DEC 14
6021015 3 TR 12:40-2:00
F 12:10-2:00
MEETS: AUG 20-DEC 14
SCl BALLOON ENGR&OP AER E 265 1 CREDIT
2679005 R 4:10-5:00
MEETS: AUG 20-DEC 14
INDEPENDENT STUDY AER E 290C 1-2 CREDITS
Prereq: SOFTHMORE CLASSIFICATION, DEPT APPROVAL
***** SEE DEPT FOR REFERENCE NUMBERS
AEROSPC ADVISING SEM AER E 291 R CREDIT
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
Satisfactory-Fail Only.
1086005 1 M 12:10-2:00
MEETS: AUG 20-DEC 14
1086010 2 M 12:10-2:00
MEETS: AUG 20-DEC 14
COOPERATIVE EDUC AER E 298 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS
FLIGHT EXPERIENCE AER E 301 R CREDIT
Prereq: CREDIT OR ENROLLMENT IN 355
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
Satisfactory-Fail Only.
1160005 1 W 12:10-2:00, ARRANGED
MEETS: AUG 20-DEC 14
Note: THE WEDNESDAY 11:00-1:00 IS A ONE-TIME ONLY
MTG ON AUG 22. ALL OTHER TIMES ARE TO BE ARRANGED.
1160010 2 W 5:10-6:00PM
ARRANGED
MEETS: AUG 20-DEC 14
Note: THE WEDNESDAY 5:10-6:00PM IS A ONE-TIME ONLY
MTG ON AUG 22. ALL OTHER TIMES ARE TO BE ARRANGED.
FLIGHT STRUCT ANALY AER E 321 3 CREDITS
Prereq: E M 324
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
Available for nonmajor graduate credit
7164005 1 MWF 8:00-8:50
MEETS: AUG 20-DEC 14
7164010 2 MWF 11:00-11:50
MEETS: AUG 20-DEC 14
AEROSP C STRUCT LAB AER E 321L 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 321
9129005 1 M 3:10-4:00
T 8:00-9:50
MEETS: AUG 20-DEC 14
9129010 2 M 3:10-4:00
R 8:00-9:50
MEETS: AUG 20-DEC 14
9129015 3 M 3:10-4:00
T 10:00-11:50
MEETS: AUG 20-DEC 14
9129020 4 M 3:10-4:00
R 10:00-11:50
MEETS: AUG 20-DEC 14
9129025 5 M 3:10-4:00
T 11:00-3:00
MEETS: AUG 20-DEC 14
9129030 6 M 3:10-4:00
R 11:00-3:00
MEETS: AUG 20-DEC 14
9129035 7 M 3:10-4:00
T 3:10-5:00
MEETS: AUG 20-DEC 14
AEROSPACE ENGINEERING (CONTINUED)

ASTRODYNAMICS I AER E 351 3 CREDITS
Prereq: E M 345, AER E 261, CREDIT OR ENROLLMENT
IN AER E 243
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
Available for nonmajor graduate credit
1168005 1 MWF 9:00-9:50
MEETS: AUG 20-DEC 14
1168010 2 MWF 10:00-10:50
MEETS: AUG 20-DEC 14
AIRCRAFT FLY DYN&CTRL AER E 355 3 CREDITS
Prereq: 261, MATH 267, E M 345
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
Available for nonmajor graduate credit
1056005 1 MWF 11:00-11:50
MEETS: AUG 20-DEC 14
1056010 2 MWF 11:00-11:50
MEETS: AUG 20-DEC 14
COMP TECHNQ AER DSN AER E 361 3 CREDITS
Prereq: 243, MATH 267, E M 324, E M 345
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
Available for nonmajor graduate credit
1170010 1 TR 11:00-11:50
T 12:10-2:00
MEETS: AUG 20-DEC 14
AERO ADVISING SEMINAR AER E 391 R CREDIT
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
Satisfactory-Fail Only.
1129005 1 W 3:10-4:00
MEETS: AUG 20-DEC 14
1129010 2 W 5:10-6:00PM
MEETS: AUG 20-DEC 14
ENGR INTERNSHIP AER E 397 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGR
CAREER SERVICES
Note: MAY ONLY REGISTER FOR ONE SEMESTER OF AER E 397
PER ACADEMIC YEAR
MEETS: AUG 20-DEC 14
AERO VEHIC PROPUL I AER E 411 3 CREDITS
Prereq: 298, PERMISSION OF DEPARTMENT AND
ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS
COOPERATIVE EDUC AER E 419 R CREDIT
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGR
CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS
ENGINEERING CAREER SERVICES
Prereq: PERMISSION OF DEPARTMENT AND ENGR
ENGINEERING CAREER SERVICES
** Satisfactory-Fail Only.
MEETS: AUG 20-DEC 14
AERO ADVISING SEMINAR AER E 391 R CREDIT
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
Satisfactory-Fail Only.
1170010 1 TR 11:00-11:50
T 12:10-2:00
MEETS: AUG 20-DEC 14
Available for nonmajor graduate credit
6028005 1 M 2:10-3:00
MEETS: AUG 20-DEC 14
6028010 2 M 12:10-1:00
MEETS: AUG 20-DEC 14
COMPOSITE FLT STRUC AER E 423 3 CREDITS
Prereq: E M 274, MAT E 272
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
Available for nonmajor graduate credit
4615005 1 MW 9:00-9:50
MEETS: AUG 20-DEC 14
4615010 2 MW 9:00-9:50
MEETS: AUG 20-DEC 14
4615015 3 MW 9:00-9:50
R 2:10-4:00
MEETS: AUG 20-DEC 14
4615020 4 MW 9:00-9:50
T 8:00-9:50
MEETS: AUG 20-DEC 14
FLT CONTROL SYST II AER E 432 3 CREDITS
Prereq: E M 345
Note: Available for nonmajor graduate credit
1181005 1 MWF 8:00-8:50
MEETS: AUG 20-DEC 14
SPACECRAFT DYN&M CNTRL AER E 433X 3 CREDITS
Prereq: E M 345
Note: Available for nonmajor graduate credit
4709005 1 TR 2:10-3:30
MEETS: AUG 20-DEC 14
VSTOL AERO& DYN&P R AER E 442 3 CREDITS
Prereq: 298
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
Available for nonmajor graduate credit
1183005 1 TR 2:10-3:30
MEETS: AUG 20-DEC 14
AEROSPACE ENGINEERING  (CONTINUED)

COMP FLUID MCH&HT I  AER E 446  3 CREDITS
Prereq: 161, 243
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
Available for nonmajor graduate credit

8091005  MWF 10:00-10:50
MEETS: AUG 20-DEC 14

ASTRODYNAMICS II  AER E 451  3 CREDITS
Prereq: 351
Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
Available for nonmajor graduate credit

1184005  1 MF 12:10-1:00
MEETS: AUG 20-DEC 14

MOD DESIGN METHODOL  AER E 461  3 CREDITS
Prereq: 361,311,321,351,355
Note: COURSE RESTRICTED TO AER E SENIORS ONLY
Availaible for nonmajor graduate credit

1186005  1 TR 10:00-10:50
MEETS: AUG 20-DEC 14

DESIGN AEROSPAC SYS  AER E 462  3 CREDITS
Prereq: 461
Note: COURSE RESTRICTED TO AER E SENIORS ONLY

1187005  1 T 9:00-9:50
MEETS: AUG 20-DEC 14

MULTIDISC ENGR DSGN  AER E 466  3 CREDITS
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR

8778005  1 M 4:10-5:00, ARRANGED
MEETS: AUG 20-DEC 14

IND STU A/GAS DYNAM  AER E 490A  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
SeeDeptForReferenceNumbers

IND STU ENGINEERING  AER E 490B  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
SeeDeptForReferenceNumbers

IND STU AEROS STRUC  AER E 490C  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
SeeDeptForReferenceNumbers

IND STU FLIGHT DYN 

AER E 490D  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
SeeDeptForReferenceNumbers

IND STU SPACECR SYS  AER E 490E  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
SeeDeptForReferenceNumbers

IND ST FLY CONC SYS  AER E 490F  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
SeeDeptForReferenceNumbers

IND STU AEREOELASTI  AER E 490G  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
SeeDeptForReferenceNumbers

IND EP STUDY HONORS  AER E 490H  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
UNIV HONORS PROGRAM MEMBERSHIP
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM
SeeDeptForReferenceNumbers

IND EP STUDY DESIGN  AER E 490I  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
SeeDeptForReferenceNumbers

IND STU NONDESTR EV  AER E 490J  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
SeeDeptForReferenceNumbers

IND STU WIND ENGINR  AER E 490K  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
SeeDeptForReferenceNumbers

IND STU ULTRALIGHT  AER E 490L  1-6 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
SeeDeptForReferenceNumbers

INDEPENDENT STUDY  AER E 490C  1-5 CREDITS
Prereq: JNR/SRN CLASSIFICATION, DEPARTMENT APPROVAL
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS FALL 2012
SeeDeptForReferenceNumbers

AERO ADVISNG SEMINAR  AER E 491  1 CREDIT
Note: COURSE RESTRICTED TO AER E SENIORS ONLY
Satisfactory-Fail Only.

1198005  1 K 12:10-1:10
MEETS: AUG 20-DEC 14
AEROSPACE ENGINEERING  (CONTINUED)

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

FLUID FLOW STABILITY AER E 640X 3 CREDITS  
PREQ: AER E 541
4710005  1 MWF 2:10-3:00  MEETS: AUG 20-DEC 14

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 TRUC AER E 690C 1-5 CREDITS  
** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLIGHT DYN AER E 690D 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 Dy 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

ENGINEERING INTERNSHIP AER E 697 R CREDIT
PREQ: PERMISSION OF DOGIE, GRADUATE CLASSIFI CATN  Satisfactory-Fail Only.
8131005  ARRANGED  MEETS: AUG 20-DEC 14

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

AFRICAN AND AFRICAN AMERICAN STUDIES

INTRO AFRIC ANER ST AF AM 201 3 CREDITS
Note: Meets U.S. diversity reqmt
Instructor permission required 1st week.
8310005  A TR 12:40-2:00  MEETS: AUG 20-DEC 14
8310010  B TR 11:00-12:20  MEETS: AUG 20-DEC 14
8310015  C TR 9:30-10:50  MEETS: AUG 20-DEC 14

ETHNIC/RACE RELATNS AF AM 330 3 CREDITS
Note: Meets U.S. diversity reqmt
8638005  A1 TR 9:30-10:50  MEETS: AUG 20-DEC 14
Note: SEC A1 RESTRICTED TO SOC, P S A, INDIS - CJ ST MAJORS ONLY
8638010  A2 TR 9:30-10:50  MEETS: AUG 20-DEC 14
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN INDIS - CJ ST
8638015  B1 TR 11:00-12:20  MEETS: AUG 20-DEC 14
Note: SEC B1 RESTRICTED TO P S A, SOC, INDIS - CJ ST MAJORS ONLY
8638020  B2 TR 11:00-12:20  MEETS: AUG 20-DEC 14
Note: SECTION B2 RESTRICTED TO MAJORS OTHER THAN SOC, P S A, INDIS - CJ ST

WOMEN OF COLOR--U.S AF AM 350 3 CREDITS
PREQ: 3 CREDITS IN W S OR AF AM
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit  Instructor permission required 1st week.
2570005  M 7:00-9:50  MEETS: AUG 20-DEC 14

SEM AFRIC AMER CULT AF AM 460 3 CREDITS
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit  Instructor permission required.
6688005  ARRANGED  MEETS: AUG 20-DEC 14

AFRICAN AND AFRICAN AMERICAN STUDIES (CONTINUED)

INDEPENDENT STUDY AF AM 490 1-3 CREDITS
PREQ: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR  AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM
Note: Instructor permission required.
8357005  ARRANGED  MEETS: AUG 20-DEC 14

AGRICULTURAL EDUCATION & STUDIES

ORIENT AG &LIFE ED AGEDS 110A .5 CREDIT
1268005  1 TR 11:00-12:20  MEETS: AUG 20-OCT 12

ORIENTATION AGRI ST AGEDS 110B .5 CREDIT
1385005  1 TR 10:00-11:50  MEETS: AUG 20-OCT 12
1385010  2 TR 11:00-12:20  MEETS: AUG 20-OCT 12

ORIENT AG &LIFE SCI AGEDS 110C .5 CREDIT
8358005  1 TR 10:00-11:30  MEETS: AUG 20-OCT 12

DEAN'S LD RSHP SEMNR AGEDS 111 1 CREDIT
PREQ: PERMISSION OF THE AG LS COLLEGE
ASSOCIATE DEAN FOR ACADEMIC PROGRAMS 1334005  1 T 12:40-2:00  MEETS: AUG 21-OCT 30

SUCCESS SEMINAR I AGEDS 113 1 CREDIT
PREQ: PROJECTED SOPHOMORE CLASSIFICATION OR AT LEAST 24 CREDITS
Satisfactory-Fail Only.
9320005  W 4:10-5:00  MEETS: AUG 20-DEC 14

INITIAL FLD EXPRNCE AGEDS 116X 1 CREDIT
PREQ: CLASSIFICATION IN AN AG AND LIFE SCIENCES
MAJOR
4766005  TR 1:10-2:00  MEETS: AUG 20-DEC 14

FIELD EXP H. S. AGRI AGEDS 211A 1 CREDIT
FRESHMAN 8790005  TR 9:30-10:50  MEETS: AUG 20-DEC 14

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
FRESHMAN 7586005  1 ARRANGED  MEETS: AUG 20-DEC 14

CAREER SEMINAR AGEDS 215 1 CREDIT
1385005  1 TR 11:00-11:50  MEETS: AUG 20-OCT 12
1385010  2 TR 12:00-1:20  MEETS: OCT 15-DEC 14

FOUND AG ED PROGRAMS AGEDS 310 3 CREDITS
8790005  TR 9:30-10:50  MEETS: AUG 20-DEC 14

PRESENTN STRATEGIES AGEDS 311 3 CREDITS
1272005  1 MF 10:00-11:50  MEETS: AUG 20-DEC 14
1272010  2 MF 9:00-9:50  MEETS: AUG 20-DEC 14
1272015  3 TR 8:00-9:00  MEETS: AUG 20-DEC 14
1272020  4 TR 6:00-9:00  MEETS: OCT 15-DEC 13

SCI WITH PRACTICE AGEDS 312 2 CREDITS
FRESHMAN 8006005  W 11:10-12:20, ARRANGED  MEETS: AUG 20-DEC 14

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
1273005  1 TR 12:40-1:55  MEETS: AUG 20-DEC 14

ADV COMM AG&LIF SCI AGEDS 327 3 CREDITS
PREQ: ENGL 250 OR EQUIVALENT
9159005  1 M 3:10-5:00  MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN AGEDS 398 R CREDIT
PREQ: PERMISSION OF THE DEPT COOPERATIVE  EDUCATION COORDINATOR, JUNIOR CLASSIFICATION 1356005  ARRANGED  MEETS: AUG 20-DEC 14

Note: Permission of department chair required.
AGRICULTURAL EDUCATION & STUDIES  (CONTINUED)

**PLAN AG ED PROGRAMS** AGEDS 401  3 CREDITS
Prereq: 310
1275005  1 TR 9:30-10:50
MEETS: AUG 20-DEC 14

**METHODS TEACHING AG** AGEDS 402  3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 401
1276005  1 TR 11:00-12:20
MEETS: AUG 20-DEC 14

**INTERNSHIP IN AGEDS** AGEDS 412  2-6 CREDITS
Prereq: 211, JR/SR CLASSIFICATION, INSTR PERMISSION
Note: Available for nonmajor graduate credit
1886005  ARRANGED
MEETS: AUG 20-DEC 14

**SUPRV TEACHING IN AG** AGEDS 417  1-16 CREDITS
Prereq: 402 & ADMISSION TO TEACHER EDUC PROG
1281005  1 ARRANGED
MEETS: AUG 20-DEC 14

**FARM MGMT&OPERATION** AGEDS 450  3 CREDITS
Prereq: ECON 235, 330, JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
1386005  1 M 1:10-3:00
W 1:10-5:00
MEETS: AUG 20-DEC 14
1386010  2 T 1:10-3:00
R 1:10-5:00
MEETS: AUG 20-DEC 14

**AG MKT&COMM COMPET** AGEDS 475X  1-2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2012
4764005  TR 4:10-5:40
MEETS: AUG 20-DEC 14

**MTHDS TCHG AG MCHN** AGEDS 488  3 CREDITS
Prereq: 21
Note: Available for nonmajor graduate credit
5124005  M 1:10-3:00
W 1:10-4:00
MEETS: AUG 20-DEC 14

**IND STU PHIIL,CURRIC AGEDS 490A  1-3 CREDITS**
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

**IND STU LDRSHIP,EVAL AGEDS 490B  1-3 CREDITS**
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

**IND STU BUS,PROD AG AGEDS 490C  1-3 CREDITS**
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

**IND STU EXTN,INT'L AGEDS 490D  1-3 CREDITS**
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

**IND STU INSTR TCHNL AGEDS 490E  1-3 CREDITS**
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

**IND STU ENVIR ISSU AGEDS 490F  1-3 CREDITS**
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.

**INDEP STUDY HONORS** AGEDS 490H  1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION,
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS
PROGRAM ONLY.

**AGRI TRAVEL DOMESTC** AGEDS 496B  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012
7499005  ARRANGED
MEETS: AUG 20-DEC 14

**UNDERGRAD RESEARCH** AGEDS 499 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, ADVISER, &
DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
8361005  ARRANGED
MEETS: AUG 20-DEC 14

**PLAN AG ED PROGRAMS** AGEDS 501  3 CREDITS
Prereq: 310
7850005  1 TR 9:30-10:50
MEETS: AUG 20-DEC 14

**METHODS OF TEACH AG** AGEDS 502  3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 501
7851005  1 TR 11:00-12:20
MEETS: AUG 20-DEC 14

**PROG DEVEL AG&EXTEN** AGEDS 524  3 CREDITS
Prereq: GRADUATE CLASSIFICATION
1301005  ARRANGED
MEETS: AUG 20-DEC 14

**FOUNDATIONS AG EDUC** AGEDS 550  3 CREDITS
Prereq: GRADUATE CLASSIFICATION
2931005  ARRANGED
MEETS: AUG 20-DEC 14

**SPCL TOP CURRICULUM** AGEDS 590A  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

**SPCL TOPICS METHODS** AGEDS 590B  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

**SPCL TOP PHILOSOPHY** AGEDS 590C  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

**SPCL TOP LEADERSHIP** AGEDS 590F  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

**SPCL TOP ADMINIST** AGEDS 590E  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

**SPCL TOP EVALUATION** AGEDS 590D  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

**SPCL TOP GUIDANCE** AGEDS 590G  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

**SPCL TOP TECHNL** AGEDS 590H  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

**SPCL TOP INTRNAL AG** AGEDS 590K  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

**SPCL TOP EXTENSION** AGEDS 590J  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

**SPCL TOP ADMINISTRATION** AGEDS 590L  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION

**WORKSHOP CURRICULUM** AGEDS 593A  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1317005  ARRANGED
MEETS: AUG 20-DEC 14

**METHODS WORKSHOP** AGEDS 593B  1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1318005  ARRANGED
MEETS: AUG 20-DEC 14
FALL 2012

AGRICULTURAL ENGINEERING  (CONTINUED)

BIOPROCES&BIOPRODCT A E  411   3 CREDITS
Prereq: 216 OR EQUIVALENT; MATH 160 OR 165;
ONE OF CHEM 167 OR HIGHER, BIOL 173 OR HIGHER OR HIGHER
OR BRT 501; SENIOR OR GRADUATE CLASSIFICATION
1218005 1 M 3:10-5:00
R 4:30-6:00PM
MEETS: AUG-DEC 14

FLUID POWER ENGR A E  413   3 CREDITS
Prereq: CR OR ENROLLMENT IN E M 378 OR M E 335,
A E 216 OR M E 270
Note: Available for nonmajor graduate credit
7961005 A MW 9:00-9:50
W 1:10-3:00
MEETS: AUG-DEC 14
7961010 B MW 9:00-9:50
W 10:00-11:50
MEETS: AUG-DEC 14
7961015 C MW 9:00-9:50
W 1:10-3:00
MEETS: AUG-DEC 14

AGRIC ENGR DESIGN I A E  415   2 CREDITS
Prereq: 271 OR 272, E M 324
Note: Available for nonmajor graduate credit
8253005 A M 12:10-1:00, ARRANGED
MEETS: AUG-DEC 14

AG ENGR DESIGN II A E  416   2 CREDITS
Prereq: 415
Note: Available for nonmajor graduate credit
7302005 ARRANGED
MEETS: AUG-DEC 14

SOIL&WTR CONSVSYS A E  431   3 CREDITS
Prereq: E M 378 OR CH E 356
9418005 MW 1:10-3:00
T 3:10-6:00PM
MEETS: AUG-DEC 14
9418600 XE ARRANGED
KALEITA-FORBES A
MEETS: AUG-DEC 14
Note: Live viewing available
MW 11:15-11:50 AM or students
have the option to view lectures at a later time.
Section XE is off campus
Course delivery is Videostreaming

FOOD&BIOPROCES ENGR A E  451   3 CREDITS
Prereq: 216 AND M E 436 OR OR CH E 357, OR
FS HH 351 AND MATH 266 OR 267
Note: Credit for either FS HH 351 OR THE A E 451
AND CH E 357 PAIR OF COURSES, BUT NOT BOTH, MAY
BE APPLIED TOWARDS GRADUATION
5188005 MWF 2:10-3:00
MEETS: AUG-DEC 14

MULTIDISC ENGR DSGN A E  466   3 CREDITS
Prereq: Course to be taken within 2 semesters of
graduation, permission of instructor
8891005 1 M 4:10-5:00, ARRANGED
MEETS: AUG-DEC 14

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

INDEP STUDY HONORS A E  490H  1-4 CREDITS
Prereq: Membership in Univ Honors Program
Note: Course restricted to members of the university
honors program
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

IND STDU ENVIRAN RES A E  490S  1-4 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

COORDINATE EDUCAT A E  498   R CREDIT
Prereq: 398, permission of the department and
engineering career services
******* SEE DEPT FOR REFERENCE NUMBERS

INSTRMNT FOR ABSE A E  504   3 CREDITS
Prereq: 363 OR CPR E 210
9225005 A TR 8:00-8:50
R 1:10-3:00
MEETS: AUG-DEC 14
9225010 B TR 8:00-8:50
R 1:10-3:00
MEETS: AUG-DEC 14

AGRICULTURAL ENGINEERING  (CONTINUED)

APP COMPUTNL INTELL A E  506   3 CREDITS
Prereq: 316 OR EQUIVALENT, MATH 166, STAT 305
8236005 MW 11:10-12:00
F 12:10-2:00
MEETS: AUG-DEC 14

GIS&AT RESOURC MGT A E  508   3 CREDITS
Prereq: Working knowledge of CMPTR & WINDOWS ENV
6253005 R 1:10-3:00
T 1:10-3:00
MEETS: AUG-DEC 14

BIOPROCES&BIOPRODCT A E  511   3 CREDITS
Prereq: 216 OR EQUIVALENT; MATH 160 OR 165;
ONE OF CHEM 167 OR HIGHER, BIOL 173 OR 211 OR HIGHER
OR BRT 501; SENIOR OR GRADUATE CLASSIFICATION
1660005 1 M 3:10-5:00
R 4:30-6:00PM
MEETS: AUG-DEC 14

INTEG CROP&LIVSTK SY A E  515   3 CREDITS
2255005 TR 9:30-10:50
MEETS: AUG-DEC 14

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

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

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

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

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

SPL TOP WAT ENVIR A E  590S  1-3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WASTE & ENVIR A E  590U  1-3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC MASTER'S TECH COMM A E  598  1 CREDIT
Satisfactory-Fail Only.
8332005 ARRANGED
MEETS: AUG-DEC 14

CREATIVE PROJECT A E  599 VAR. CREDITS
10440005 ARRANGED
MEETS: AUG-DEC 14

GRADUATE SEMINAR A E  601   1 CREDIT
1033005 MW 5:10-6:30PM
MEETS: AUG-DEC 14

ENGR ANALY B IOL SY A E  580   3 CREDITS
Prereq: A E 216; MATH 266; M E 231
1028005 TR 11:00-12:15
MEETS: AUG-DEC 14

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

SP TOP WATE & ENVIR A E  590S  1-3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP WASTE & ENVIR A E  590U  1-3 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH COMM A E  598  1 CREDIT
Satisfactory-Fail Only.
8332005 ARRANGED
MEETS: AUG-DEC 14

COOPERATIVE EDUCAT A E  598   R CREDIT
Preseq: 398, permission of the department and
engineering career services
******* SEE DEPT FOR REFERENCE NUMBERS

INSTRMNT FOR ABSE A E  504  3 CREDITS
Prereq: 363 OR CPR E 210
9225005 A TR 8:00-8:50
R 1:10-3:00
MEETS: AUG-DEC 14
9225010 B TR 8:00-8:50
R 1:10-3:00
MEETS: AUG-DEC 14
AGRICULTURAL ENGINEERING (CONTINUED)

TEACHING PRACTICUM A E 694 1-3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR
6457005 ARRANGED
MEETS: AUG 20-DEC 14

ENGINEERING INTERNSHIP A E 697 R CREDIT
Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIFICATION
Satisfactory-Fail Only.
1700005 ARRANGED
MEETS: AUG 20-DEC 14

DOCTORAL TECH COMM A E 698 1 CREDIT
Satisfactory-Fail Only.
8333005 ARRANGED
MEETS: AUG 20-DEC 14

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

RES CMPT-AID DSGN A E 699C VAR. CREDITS
SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH FOOD ENG A E 699F VAR. CREDITS
SEE DEPT FOR REFERENCE NUMBERS

RES PWRMACHIN ENGR A E 699G VAR. CREDITS
SEE DEPT FOR REFERENCE NUMBERS

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

RESrch PROCESS ENG A E 699R VAR. CREDITS
SEE DEPT FOR REFERENCE NUMBERS

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

AGRONOMY

PRO DEVEL:ORIENTATN AGRON 110 .5 CREDIT
1390005 1 R 2:10-3:00 WIEDENHOEFT M
MEETS: AUG 20-DEC 14
Note: SECTION 1 DOES NOT MEET EVERY WEEK
1390010 1 LT 2:10-3:00 WIEDENHOEFT M
Note: SECTION LT FOR LEARNING COMMUNITY STUDENTS ONLY

PRINCIP OF AGRONOMY AGRON 114 3 CREDITS
1391010 1 MW 4:10-5:00 MULLEN R
W 9:00-10:50 MULLEN R
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391015 2 MW 4:10-5:00 MULLEN R
W 11:00-12:50 MULLEN R
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391020 3 MW 4:10-5:00 MULLEN R
W 11:00-12:50 MULLEN R
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391025 4 MW 4:10-5:00 MULLEN R
R 9:00-10:50 MULLEN R
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391030 5 MW 4:10-5:00 MULLEN R
R 11:00-12:50 MULLEN R
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391035 6 MW 4:10-5:00 MULLEN R
R 11:00-12:50 MULLEN R
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391040 7 MW 4:10-5:00 MULLEN R
R 11:00-12:50 MULLEN R
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391045 8 MW 4:10-5:00 MULLEN R
F 8:00-9:50 MULLEN R
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391050 9 MW 4:10-5:00 MULLEN R
F 10:00-11:50 MULLEN R
MEETS: AUG 20-DEC 14

AGRONOMY (CONTINUED)

INTR RENEW RESOURCES AGRON 120 3 CREDITS
1382005 MWF 12:10-1:00 HALL R
MEETS: AUG 20-DEC 14

FUND OF SOIL SCIENCE AGRON 154 3 CREDITS
Prereq: CHEM 161
Note: 2-3 HRS AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155, OR AGRON 156.
1395015 1 M 12:10-1:00 MANU A
T 10:00-10:50 MANU A
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/1395020 2 M 12:10-1:00 MANU A
T 11:00-11:50 MANU A
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/
1395025 3 M 12:10-1:00 MANU A
T 12:10-1:00 MANU A
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/
1395030 4 M 12:10-1:00 MANU A
W 9:00-9:50 ARRANGED
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/
1395035 5 M 4:10-5:00 MANU A
R 12:10-1:00 MANU A
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/
1395040 6 M 4:10-5:00 MANU A
R 11:00-11:50 ARRANGED
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/
1395045 7 M 4:10-5:00 MANU A
R 11:00-12:00 ARRANGED
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/
1395050 8 M 4:10-5:00 MANU A
R 12:10-1:00 ARRANGED
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/
1395055 9 M 4:10-5:00 MANU A
W 11:00-12:00 ARRANGED
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/

SOILS HORT SCIENTIST AGRON 155 3 CREDITS
Prereq: CHEM 163, RESTRICTED TO STUDENTS IN HORT NOTE: 2-4 HOURS AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155, OR AGRON 156.
6154005 1 M 11:00-12:00 MANU A
T 11:00-12:00, ARRANGED MANU A
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/
6154010 2 M 12:10-1:00 MANU A
T 12:10-1:00, ARRANGED MANU A
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/
6154015 3 M 12:10-1:00 MANU A
T 12:10-1:00, ARRANGED MANU A
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/
6154020 4 M 12:10-1:00 MANU A
T 12:10-1:00, ARRANGED MANU A
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/soils/

INTRO WEATHER/CLIMAT AGRON 206 3 CREDITS
1397005 1 MF 2:10-3:00 HORNBUCKLE B
MEETS: AUG 20-DEC 14

AGRON CAREER PLANNING AGRON 210 1 CREDIT
Prereq: SOPHMORE CLASSIFICATION
1398005 5 M 3:10-4:00 BURRAS C
MEETS: AUG 20-DEC 14

CROP GROWTH,PROD&NGT AGRON 212 3 CREDITS
Prereq: AGRON 114
1399005 1 MWF 11:00-11:50 BURRAS C
MEETS: AUG 20-DEC 14

FIELD APP CROP PROD AGRON 212L 1 CREDIT
Prereq: AGRON 154, CREDIT OR ENROLLMENT IN AGRON 212
6394005 1 M 8:00-9:50 MULLEN R
MEETS: AUG 20-DEC 14
6394010 2 M 12:10-1:00 MULLEN R
MEETS: AUG 20-DEC 14
6394015 3 T 10:00-11:50 MULLEN R
MEETS: AUG 20-DEC 14
6394020 4 T 2:10-4:00 MULLEN R
MEETS: AUG 20-DEC 14
AGRONOMY (CONTINUED)

WEEDE IDENTIFICATION AGRON 217 1 CREDIT
Prereq: BIOL 101 OR EQUIVALENT
7385005  R 10:00-11:50 HARTZLER R
MEETS: AUG 20-OCT 12

SOIL&ENVIR QUALITY AGRON 260 3 CREDITS
3973005 1 MWF 9:00-9:50 BURRAS C
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN AGRON 298  R CREDIT
Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
COORDINATOR, SOFMORKE CLASSIFICATION
1401005  ARRANGED MILLER R
MEETS: AUG 20-DEC 14

PROF DEVEL:WORK EXP AGRON 310  R CREDIT
Satisfactory-Fail Only.
1389005  ARRANGED
MEETS: AUG 20-DEC 14

PROFESNL INTERNSHIP AGRON 311 1 CREDIT
Prereq: AGRON 110, MAJOR IN AGRONOMY,
PERMISSION OF INSTRUCTOR BEFORE INTERNSHIP BEGINS
8173005  R 3:10-4:00
MEETS: AUG 20-DEC 14

CROP STRUC-FUNC REL AGRON 316 3 CREDITS
Prereq: BIOL 212 RECOMMENDED
1406005  MWF 10:00-11:50 KNAPP A
MEETS: AUG 20-DEC 14

PRIN OF WEEDE SCIENC AGRON 317 3 CREDITS
Prereq: BIOL 212
1405010 1 MWF 10:00-11:50 HARTZLER R
MEETS: AUG 20-DEC 14

GENET,AGRI&BIOTECHN AGRON 320 3 CREDITS
Prereq: BIOL 212
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: GEN 260, GEN/BIO 313
AND 313L, GEN/AGRON 320
1418005  TR 11:00-12:15 LEE M
MEETS: AUG 20-DEC 14

BIORENEWABLE SYSMTS AGRON 325 3 CREDITS
Prereq: ECON 101, CHEM 163 OR HIGHER, MATH 140
OR HIGHER
3038005  A T 3:10-6:00PM
MEETS: AUG 20-DEC 14
3038010  B T 3:10-6:00PM
MEETS: AUG 20-DEC 14
Note: SECTION B RESTRICTED TO AST MAJORS ONLY
3038605 XW ARRANGED
BRUMM T
Note: Section XW is off campus
Course delivery is WWW
Cmtr reqmt: http://www.agde.iastate.edu/support
/comp.reqs.php

FORAGE CROP MGMT AGRON 334 3 CREDITS
Prereq: AGRON 114
Note: Available for nonmajor graduate credit
1409005  TR 11:00-12:20 BARNHART S
MEETS: AUG 20-DEC 14
Section info: http://www.agron.iastate.edu/courses
/agron334/default.htm

SEED SCIENCE&TECHNL AGRON 338 3 CREDITS
Prereq: AGRON 114 OR BIOL 221, BIOL 211
1410005 1 TR 9:30-10:45 GOGGI S
R 10:50-11:50 GOGGI S
MEETS: AUG 20-DEC 14

WORLD FOOD ISSUES AGRON 342 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
1402005 1 MWF 11:00-11:50 FORD C
MEETS: AUG 20-DEC 14
Note: SECTION 1 RESTRICTED TO AGRON, CS A, CS H,
DIETA, DIET, BS A, BS H, NS A, NS H, PDEKA,
PDEKH MAJORS ONLY
1402010 2 MWF 12:00-1:00 FORD C
MEETS: AUG 20-DEC 14
1402015 3 TR 8:00-9:20 FALES S
MEETS: AUG 20-DEC 14
1402600 XW ARRANGED
FORD C
MEETS: AUG 20-DEC 14
Note: CONTACT CLARK FORD FOR PERMISSION TO REGISTER AT
515-294-0343/CFORD@IASTATE.EDU.
Instructor permission required.
Section XW is off campus
Course delivery is WWW
Cmtr reqmt: http://www.agde.iastate.edu/support
/comp.reqs.php

AGRONOMY (CONTINUED)

TURFGRASS ESTAB&GMT AGRON 351 3 CREDITS
Prereq: HORT 221 OR AGRON 114 OR BIOL 211
Note: Available for nonmajor graduate credit
1412005  MF 9:00-9:50
MEETS: AUG 20-DEC 14
1412600 XW ARRANGED
CHIANS N
MEETS: AUG 20-DEC 14
Note: Section XW is off campus
Course delivery is WWW
Cmtr reqmt: http://www.agde.iastate.edu/support
/comp.reqs.php

TURFGR ESTB&GMT LAB AGRON 351L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN HORT 351
1413005  A M 2:10-5:00
MEETS: AUG 20-DEC 14
1413010  B W 2:10-5:00
MEETS: AUG 20-DEC 14

SOILS &PLANT GROWTH AGRON 354 3 CREDITS
Prereq: AGRON 154 AND BIOL 101 OR BIOL 211
Note: Available for nonmajor graduate credit
1414015 1 MWF 8:00-8:50 LOYANACH T
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~telynac
/354oul.html

SOILS &PLANT GROWTH LAB AGRON 354L 1 CREDIT
Prereq: AGRON OR HORT MAJOR WITH CREDIT OR
ENROLLMENT IN AGRON 354
8362005  A R 12:10-3:00
MEETS: AUG 20-DEC 14
8362010  B R 3:10-6:00PM
HASSELMAN E

FLD EXP SOIL DESCRP AGRON 370 1 CREDIT
Prereq: AGRON 154 AND PERMISSION OF INSTRUCTOR
1417005  R 3:10-6:00PM
MEETS: AUG 20-DEC 14

AGRO SCI THYPRACTC AGRON 388X 1 CREDIT
Prereq: JUNIOR OR SENIOR CLASSIFICATION
4947005  ARRANGED
MEETS: AUG 20-DEC 14

SYST CROP&SOIL MGMT AGRON 392 3 CREDITS
Prereq: AGRON 316 AND AGRON 354
4515005 1 MWF 11:00-11:50 WIEDENHOEF M
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN AGRON 398  R CREDIT
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
1411005  ARRANGED
MEETS: AUG 20-DEC 14

WATERSHED HYDROLOGY AGRON 402 4 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
SCIENCES OR ENGINEERING; JUNIOR STANDING
4722005 1 MWF 12:10-1:00 FRANZ K
R 1:10-2:00PM
MEETS: AUG 20-DEC 14

GLOBAL CHANGE AGRON 404 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
SCIENCES OR ENGINEERING, JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
8140600 XW ARRANGED
GUTOSKI W
MEETS: AUG 20-DEC 14

INTRO PLANT BREEDING AGRON 421 3 CREDITS
Prereq: GEN 229 OR BIOL 213
1431005 1 TR 8:00-9:15 FERW W
MEETS: AUG 20-DEC 14
AGRONOMY

ISSUES SUSTAIN AGRI  AGRON 450  3 CREDITS
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
9430005  1 MF 11:00-11:50 ZDORKOWSKI G
MEETS: AUG 20-DEC 14
9430010  2 MF 11:00-11:50 ZDORKOWSKI G
MEETS: AUG 20-DEC 14
GIF FOR GEOSCIENTIST  AGRON 452  3 CREDITS
Prereq: GEOG 100, 201 OR EQUIVALENT
Available for nonmajor graduate credit
1425005  1 TR 3:10-4:00 HARDING C
MEETS: AUG 20-DEC 14
SOIL&ENVIR CHEM  AGRON 459  4 CREDITS
Prereq: AGRON 314 OR ENEC 360; CHEM 179 OR 140. CHEM 211 OR CHEM 231 RECOMMENDED
Note: Available for nonmajor graduate credit
4370005  1 MF 11:00-11:50 THOMPSON M
W 3:10-6:00PM THOMPSON M
MEETS: AUG 20-DEC 14
INDEPENDENT STUDY  AGRON 490G  1-3 CREDITS
Prereq: JU/yr CLASSIFI6 WITH AT LEAST 8 CR IN AGRON
INSTRUCTOR PERMISSION IN SPECIALT AREA AFTER CONSULTATN
Note: No more than 4 CREDITS OF AGRON 490 MAY BE
APPLIED TOWARD THE TOTAL OF 12 CREDITS REQUIRED FOR
GRADUATION
******** SEE DEPT FOR REFERENCE NUMBERS

AGRONOMY WORKSHOP  AGRON 493 VAR. CREDITS
Prereq: Permission of Instructor
Available for nonmajor graduate credit
6804005  ARRANGED
MEETS: AUG 20-DEC 14
Note: Tuition Category: Workshop
AGROECOLOGY FLD CRS AGRON 497  3 CREDITS
Prereq: JU/yr CLASSIFI6, 8 CREDITS IN AGRONOMY
8311010  ARRANGED
MEETS: JULY 20-SEP 28
Note: Dates of required field trip are July 20-27
COOPERATIVE EDUCATN AGRON 498 R CREDIT
Prereq: Permission of Department Cooperative
EDUCATION COORDINATOR; SENIOR CLASSIFICATION
1416005  ARRANGED
MEETS: AUG 20-DEC 14
ORIENTATION SEMINAR AGRON 500  1 CREDIT
Prereq: Internatnl AGRON grad students only
Satisfactory-Fail Only
1441005  1 IF 4:10-6:00PM LOYNACHAN T
MEETS: AUG 20-DEC 14
CROP GROWTH &DEVELP AGRON 501  3 CREDITS
Prereq: 114, MATH 140, CHEM 163, BIOL 101
6438600  XV ARRANGED
MEETS: AUG 20-DEC 14
Note: Restricted to graduate students enrolled in the
MS in agronomy and MS in plant breeding online
degree programs. All other majors contact the
distance programs in agronomy office at 515-294-2999
or msagron@iastate.edu. No text required. All course
materials will be online.
Section XV is off campus
Course delivery is WM
Cmptr reqmt: http://masters.agron.iastate.edu/techtest
CHEM,PHYS&Biol SOIL AGRON 502  3 CREDITS
Prereq: AGRON 114, AGRON 154, BIOL 101, CHEM 163,
6442600  XV ARRANGED
MEETS: AUG 20-DEC 14
Note: Restricted to graduate students enrolled in the
MS in agronomy online degree program. All other
majors contact the distance programs in agronomy office
at 515-294-2999 or msagron@iastate.edu.
Section XV is off campus
Course delivery is WM
Cmptr reqmt: http://masters.agron.iastate.edu/techtest

AGRONOMY (CONTINUED)

CLIMATE &CROP GROWTH AGRON 503  3 CREDITS
Prereq: AGRON 114 AND MATH 140
Note: Credit for either AGRON 503 OR AGRON 541, but
not both, may be applied toward graduation
6453600  XV ARRANGED
MEETS: AUG 20-DEC 14
Note: Restricted to graduate students enrolled in the
MS in agronomy online degree program. All other
majors contact the distance programs in agronomy office
at 515-294-2999 or msagron@iastate.edu.
Section XV is off campus
Course delivery is WM
Syllabus: http://masters.agron.iastate.edu/classes
/503/intro/index.html
Cmptr reqmt: http://masters.agron.iastate.edu/techtest

BIOPHYSCL CROP ECOL AGRON 508  3 CREDITS
Prereq: 509
1443005  ARRANGED
MEETS: AUG 20-DEC 14
AGROECOSYSMS ANALYS AGRON 509  4 CREDITS
Prereq: SENIOR OR ABOVE CLASSIFICATION
7812005  1 ARRANGED
MEETS: JULY 27-DEC 14
Note: Two-week field trip in August. Only a few MTGS
DURING FALL SEMESTER.
Instructor permission required.
CROP IMPROVEMENT AGRON 511  3 CREDITS
Prereq: 114, MATH 140, CHEM 163, BIOL 101/109
6456600  XV ARRANGED
MEETS: AUG 20-DEC 14
Note: Restricted to graduate students enrolled in the
MS in agronomy online degree program. All other
majors contact the distance programs in agronomy office
at 515-294-2999 or msagron@iastate.edu.
Section XV is off campus
Course delivery is WM
Cmptr reqmt: http://masters.agron.iastate.edu/techtest

INTEG CROP&LIVSTK SY AGRON 515  3 CREDITS
Prereq: 509
2179005  TR 9:30-10:50
MEETS: AUG 20-DEC 14
CROP PHYSIOLOGY AGRON 516  3 CREDITS
1444005  MW 9:00-10:15
MEETS: AUG 20-DEC 14
PRIN CULTIVAR DEVEL AGRON 521  3 CREDITS
Prereq: 421; STAT 401
1447005  1 MW 9:00-10:15
MEETS: AUG 20-DEC 14
Note: Instructor permission required.
CROP &SOIL MODELING AGRON 525X  3 CREDITS
Prereq: MATH 181 OR 165 OR EQUIVALENT, AGRON 316
4948005  TR 2:10-3:30
MEETS: AUG 20-DEC 14
ECOL BASED PEST MGT AGRON 530  3 CREDITS
Prereq: 509
2181005  TR 9:30-10:50
MEETS: AUG 20-DEC 14
CROP ECOLGY & MGMT AGRON 531  3 CREDITS
Prereq: 501, 502, 503; RECOMMENDED: 512, 514
2016600  XV ARRANGED
MEETS: AUG 20-DEC 14
SLEUGH B
Note: Restricted to graduate students enrolled in the
MS in agronomy online degree program. All other
majors contact the distance programs in agronomy office
at 515-294-2999 or msagron@iastate.edu.
Section XV is off campus
Course delivery is WM
Syllabus: https://masters.agron.iastate.edu/classes
/511/intro/index.html
Cmptr reqmt: http://masters.agron.iastate.edu/techtest

SOIL MANAGEMENT AGRON 532  3 CREDITS
Prereq: 501, 503, 512; RECOMMENDED: 513
2027600  XV ARRANGED
MEETS: AUG 20-DEC 14
CRUSE R
Note: Restricted to graduate students enrolled in the
MS in agronomy online degree program. All other
majors contact the distance programs in agronomy office
at 515-294-2999 or msagron@iastate.edu.
No required text. All course materials will be
online.
Section XV is off campus
Course delivery is WM
Syllabus: http://masters.agron.iastate.edu/classes
/532/intro/index.html
Cmptr reqmt: http://masters.agron.iastate.edu/techtest
AGRONOMY

CROP PROTECTION AGRON 533 3 CREDITS
Prereq: 514
2029600 XW ARRANGED CIHA A
MEETS: AUG 20-DEC 14
Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRONOMY ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE DISTANCE PROGRAMS IN AGRONOMY OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
Section XW is off campus
Course delivery is WWW
Syllabus: http://masters.agron.iastate.edu/classes/533/intro/index.html
Comp. regmt: http://masters.agron.iastate.edu/techtest
SEED PHYSIOLOGY AGRON 538 2 CREDITS
Prereq: 338, CHEM 231 OR 331
1453106 ARRANGED GOGGI S
MEETS: AUG 20-DEC 14
APPLD AG METEOROLGY AGRON 541 2-3 CREDITS
Prereq: 206 OR UPPER DIVISION BIOLOGICAL SCIENCE
Note: CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
1454000 1 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 1 OFFERED FOR 2 CREDITS
1454010 2 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 2 OFFERED FOR 3 CREDITS
GIS FOR GEOSCIENCE AGRON 552 3 CREDITS
Prereq: GEOL 100, 201 OR EQUIVALENT
1490005 MW 3:10-4:00 HARDING C
MW 4:10-5:00
F 3:10-5:00
MEETS: AUG 20-DEC 14
SOIL-PLANT RELATION AGRON 553 3 CREDITS
Prereq: 354
1459005 MWF 9:00-9:50
MEETS: AUG 20-DEC 14
LAB MTBDS SOIL CHEM AGRON 558 3 CREDITS
Prereq: AGRON 345 AND CHEM 211
3202005 ARRANGED TABATABAI M
MEETS: AUG 20-DEC 14
ENVIR SOIL&WTR CHEM AGRON 559 4 CREDITS
Prereq: AGRON 354 OR ENSCI 360; CHEM 178; MATH 140; CHEM 211 OR CHEM 221 RECOMMENDED
4371010 1 MWF 11:00-11:50 LOYNACHAN T
T 3:10-6:00 PM
MEETS: AUG 20-DEC 14
SOIL FORM&TRANSFORM AGRON 575 3 CREDITS
Prereq: 460 OR EQUIVALENT
1463005 MW 3:10-4:30 BURRAS C
MEETS: AUG 20-DEC 14
SOIL&ENVIR MICROBIO AGRON 585 3 CREDITS
Prereq: 402 OR 404, MICRO 201. MICRO 201L RECOMMENDED
1466005 1 TR 11:10-12:00 LOYNACHAN T
W 12:10-1:00 LOYNACHAN T
MEETS: AUG 20-DEC 14
1466010 2 TR 12:10-1:30 LOYNACHAN T
W 3:10-6:00 PM LOYNACHAN T
MEETS: AUG 20-DEC 14
SPECIAL TOPICS AGRON 590 VAR. CREDITS
Prereq: 15 CREDITS IN AGRONOMY
****** SEE DEPT FOR REFERENCE NUMBERS
CR COMP AG METEOROL AGRON 599A VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1472005 ARRANGED
MEETS: AUG 20-DEC 14
CR COMP CROP PRD&PH AGRON 599B VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1473005 ARRANGED
MEETS: AUG 20-DEC 14
CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1474005 ARRANGED
MEETS: AUG 20-DEC 14
CRTV COMP SOIL CHEM AGRON 599D VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1475005 ARRANGED
MEETS: AUG 20-DEC 14
CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1476005 ARRANGED
MEETS: AUG 20-DEC 14
CRTV COMPN SOIL MGT AGRON 599F VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1477005 ARRANGED
MEETS: AUG 20-DEC 14
CR COMP SOIL MICROB AGRON 599G VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1478005 ARRANGED
MEETS: AUG 20-DEC 14
CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1479005 ARRANGED
MEETS: AUG 20-DEC 14
CR COMP SOIL PHYSICS AGRON 599I VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1480005 ARRANGED
MEETS: AUG 20-DEC 14
CRTV COMP SEED SCI AGRON 599K VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1639005 ARRANGED
MEETS: AUG 20-DEC 14
CRTV COMP WEED SCI AGRON 599L VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1649005 ARRANGED
MEETS: AUG 20-DEC 14
CREATV COMPON AGRON AGRON 599M VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
Satisfactory-Fail Only.
6508600 XA ARRANGED
MEETS: AUG 20-DEC 14
Note: FOR PERMISSION TO REGISTER CONTACT THE DISTANCE PROGRAMS IN AGRONOMY OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
SEC XA OFFERED FOR 1-3 CREDITS FALL 2012.
Department permission required.
Section XA is off campus
Course delivery is Independent study
PLANT BREEDING SEM AGRON 600A 1 CREDIT
1481005 R 4:10-5:00 LUBBERSTEDT T
MEETS: AUG 20-DEC 14
Satisfactory-Fail Only.
SOILS SEMINAR AGRON 600B 1 CREDIT
1482005 R 4:10-5:00 HORTON R
MEETS: AUG 20-DEC 14
CROP PROD&PHYS SEM AGRON 600C 1 CREDIT
Satisfactory-Fail Only.
1483005 R 4:10-5:00 KNAPP A
MEETS: AUG 20-DEC 14
FOUND SUSTAINABLE AG AGRON 610 3 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
3264005 TR 11:00-12:20 LOYNACHAN T
MEETS: AUG 20-DEC 14
Note: Instructor permission required.
ADV PLANT BREEDING AGRON 621 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN AGRON AND PERMISSN
1488005 MWF 10:00-10:50 BEAVIS W
MEETS: AUG 20-DEC 14
RESEARCH SEMINAR AGRON 696 1 CREDIT
8829005 W 4:10-5:30 LUBBERSTEDT T
MEETS: AUG 20-DEC 14
AGRON TCHNG PRACTCM AGRON 698 1-2 CREDITS
Prereq: GRADUATE CLASSIFICATION IN AGRON AND PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS
RES AG METEOREOLOGY AGRON 699A VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
RES CROP PROD&PHYS AGRON 699B VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
RES PLANT BREEDING AGRON 699C VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
RESEARCH SOIL CHEM AGRON 699D VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
AIR FORCE AEROSPACE STUDIES

INTRO LEADRSHP LAB I  AFAS  301  1 CREDIT
Prereq: MEMBERSHIP AS A CADET IN AFROTC
Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
Or are eligible to pursue a commission as determined by the AFAS Professor.
Satisfactory-Fail Only.
8739005  T 6:30-7:50
MEETS: AUG 20-DEC 14
Note: A THURSDAY MGT WILL BE SUBSTITUTED THE FIRST WEEK

FOUND U S AIR FORCE  AFAS  141  1 CREDIT
1260005  A T 8:00-9:50
MEETS: AUG 20-DEC 14

AIR FRC PHYS TRAINI  AFAS  151  1 CREDIT
Prereq: MEMBERSHIP AS A CADET IN AFROTC
Satisfactory-Fail Only.
7736005  MWF 6:30-7:30
MEETS: AUG 20-DEC 14

BASIC LEADRSHP LAB I  AFAS  201  1 CREDIT
Prereq: MEMBERSHIP AS A CADET IN AFROTC
Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
Or are eligible to pursue a commission as determined by the AFAS Professor.
Instructor permission required 1st week.
Satisfactory-Fail Only.
8731005  T 6:30-7:30
MEETS: AUG 20-DEC 14
Note: A THURSDAY MGT WILL BE SUBSTITUTED THE FIRST WEEK

INTMD LEADRSHP LAB I  AFAS  301  1 CREDIT
Prereq: MEMBERSHIP AS A CADET IN AFROTC
Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
Or are eligible to pursue a commission as determined by the AFAS Professor.
Instructor permission required 1st week.
Satisfactory-Fail Only.
8733005  T 6:30-7:30
MEETS: AUG 20-DEC 14
Note: A THURSDAY MGT WILL BE SUBSTITUTED THE FIRST WEEK

AIR F LDRSHIP STDI I  AFAS  341  3 CREDITS
1264005  A TR 11:00-12:20
MEETS: AUG 20-DEC 14
1264010  B TR 2:10-3:30
MEETS: AUG 20-DEC 14

ADV LEADERSHIP LAB I  AFAS  401  1 CREDIT
Prereq: MEMBERSHIP AS A CADET IN AFROTC
Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
Or are eligible to pursue a commission as determined by the AFAS Professor.
Instructor permission required 1st week.
Satisfactory-Fail Only.
8735005  T 6:30-7:50
MEETS: AUG 20-DEC 14
Note: A THURSDAY MGT WILL BE SUBSTITUTED THE FIRST WEEK

AMERICAN INDIAN STUDIES

INTRO AM INDIAN LI T  AM IN 240  3 CREDITS
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150
5612005  A TR 9:30-10:50
MEETS: AUG 20-DEC 14

TOPICS AMERI INDIAN  AM IN 430  3 CREDITS
9438005  A TR 12:40-2:00
MEETS: AUG 20-DEC 14

ARCHAEOL OF N AMERI  AM IN 315  3 CREDITS
7276005  TR 12:40-2:00
MEETS: AUG 20-DEC 14

PEOPLE&CU L NATV N AM  AM IN 322  3 CREDITS
Prereq: ANTHR 201 OR AM IN 210
Note: Meets U.S. diversity reqmt
1508005  MWF 2:10-3:00
MEETS: AUG 20-DEC 14

AM INDIAN WMN WRITE  AM IN 342  3 CREDITS
Prereq: ENGL 250 OR ENGL 105
1493005  TR 2:10-3:25
MEETS: AUG 20-DEC 14

TOPCS NATIVE AM ARC  AM IN 426  3 CREDITS
Prereq: NO MORE THAN 6 CREDITS OF ARCH/AM IN/DSD 5 426
MAY BE APPLIED TO THE ARCHITECTURE DEGREE PROGRAM
Available for nonmajor graduate credit
1774005  TR 7:00-10:00PM
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY  AM IN 490  VAR. CREDITS
Prereq: 6 CR IN AM IN STUDIES, INSTR PERMISSION
Note: NO MORE THAN 9 CREDITS OF AM IN 490 MAY BE
APPLIED TOWARD GRADUATION

ANIMAL ECOLOGY

ECOLOGY  A ECL 312  4 CREDITS
Prereq: BIOL 211 AND 212L
1061005  1 TR 8:00-9:15
M 9:00-11:30
MEETS: AUG 20-DEC 14

1061010  2 TR 8:00-9:15
M 12:10-3:00
MEETS: AUG 20-DEC 14

1061015  3 TR 8:00-9:15
M 3:10-6:00PM
MEETS: AUG 20-DEC 14

1061020  4 TR 8:00-9:15
T 9:25-12:15
MEETS: AUG 20-DEC 14

1061025  5 TR 8:00-9:15
T 12:15-3:00
MEETS: AUG 20-DEC 14

1061030  6 TR 8:00-9:15
T 3:10-6:00PM
MEETS: AUG 20-DEC 14

1061035  7 TR 8:00-9:15
W 9:00-11:30
MEETS: AUG 20-DEC 14
ANIMAL ECOLOGY (CONTINUED)

ECOLOGY A ECL 312 4 CREDITS
Prereq: BIOL 212, 212L
Note: Available for nonmajor graduate credit.
MEETS: AUG 20-DEC 14 JURIK T

1061045 8 TR 8:00-9:15
W 12:30-1:30
MEETS: AUG 20-DEC 14
1061050 9 TR 8:00-9:15
W 3:10-6:00PM
MEETS: AUG 20-DEC 14
1061055 10 TR 8:00-9:15
R 9:25-12:15
MEETS: AUG 20-DEC 14
1061060 11 TR 8:00-9:15
R 12:15-3:00
MEETS: AUG 20-DEC 14
1061065 12 TR 8:00-9:15
R 3:10-6:00PM
MEETS: AUG 20-DEC 14

VERTEBRATE BIOLOGY A ECL 365 4 CREDITS
Prereq: BIOL 212, 212L
Note: Available for nonmajor graduate credit.
MEETS: AUG 20-DEC 14

1062005 1 MW 9:00-9:50
T 10:00-11:50
MEETS: AUG 20-DEC 14 ADAMS D
1062010 2 MW 9:00-9:50
T 12:10-2:00
MEETS: AUG 20-DEC 14 BLANCHONG J
1062015 3 MW 9:00-9:50
W 3:10-5:00
MEETS: AUG 20-DEC 14 BLANCHONG J
1062020 4 MW 9:00-9:50
W 10:00-11:50
MEETS: AUG 20-DEC 14 BLANCHONG J
1062025 5 MW 9:00-9:50
W 11:00-1:50
MEETS: AUG 20-DEC 14 BLANCHONG J
1062030 6 MW 9:00-9:50
W 3:10-5:00
MEETS: AUG 20-DEC 14 BLANCHONG J
1062035 7 MW 9:00-9:50
R 10:00-11:50
MEETS: AUG 20-DEC 14 BLANCHONG J
1062040 8 MW 9:00-9:50
R 12:10-2:00
MEETS: AUG 20-DEC 14 BLANCHONG J

ECOLOGICAL METHODS A ECL 371 3 CREDITS
Prereq: 312; STAT 101 OR 104
Note: Available for nonmajor graduate credit.
MEETS: AUG 20-DEC 14

1073005 1 MW 12:10-1:00
T 9:30-12:20
MEETS: AUG 20-DEC 14 DINSMORE S
1073010 2 MW 12:10-1:00
W 9:00-11:50
MEETS: AUG 20-DEC 14 DINSMORE S
1073020 3 TR 12:10-2:00
F 1:10-3:00
MEETS: AUG 20-DEC 14 DINSMORE S
1073025 4 TR 12:10-2:00
F 10:00-12:50
MEETS: AUG 20-DEC 14 DINSMORE S
1073030 5 TR 12:10-2:00
F 1:10-3:00
MEETS: AUG 20-DEC 14 DINSMORE S
1073035 6 TR 12:10-2:00
F 12:10-2:00
MEETS: AUG 20-DEC 14 DINSMORE S

FISHERY MANAGEMENT A ECL 440 3 CREDITS
Prereq: 312, 321, STAT 101 OR 104; CREDIT OR ENROLLMENT IN 486
MEETS: AUG 20-DEC 14

1076005 1 MW 9:00-9:50
W 2:10-5:00
MEETS: AUG 20-DEC 14 PATTILLO D
1076010 2 MW 9:00-9:50
W 2:10-5:00
MEETS: AUG 20-DEC 14 PATTILLO D

WILDLIFE ECOL & MGMT A ECL 451 3 CREDITS
Prereq: 371
Note: Available for nonmajor graduate credit.
MEETS: AUG 20-DEC 14

1081010 1 MW 10:00-10:50
MEETS: AUG 20-DEC 14 FAIRBANKS W
1081015 2 MW 10:00-10:50
MEETS: AUG 20-DEC 14 FAIRBANKS W
1081020 3 R 12:10-3:00
MEETS: AUG 20-DEC 14 FAIRBANKS W

INT’L WILDLIFE ISSU A ECL 455 3 CREDITS
Prereq: 312, 365 OR GRADUATE STANDING; NRIM 120
Note: Available for nonmajor graduate credit.
MEETS: AUG 20-DEC 14

5165005 1 MW 11:00-11:50
MEETS: AUG 20-DEC 14 ROE K

HERPETOLOGY A ECL 457 3 CREDITS
Prereq: BIOL 351 OR A ECL/Biol 365
2751005 1 MW 11:00-11:50
MEETS: AUG 20-DEC 14 DOWLING J

AQUATIC ECOLOGY A ECL 486 3 CREDITS
Prereq: BIOL 312 OR ENSCI 381 OR 402 OR NRIM 301
Note: Available for nonmajor graduate credit.
MEETS: AUG 20-DEC 14

1074005 1 TR 9:30-10:30
1074010 2 W 11:00-12:00
MEETS: AUG 20-DEC 14

ANIMAL SCIENCE (CONTINUED)

WORKING WITH ANIMALS AN S 101 2 CREDITS
Note: COURSE RESTRICTED TO AN S, DY S, GENPV MAJORS
1527005 1 TR 2:10-3:00
1527010 2 W 3:10-4:00
1527015 3 W 3:10-4:00
1527020 4 W 3:10-4:00
MEETS: AUG 20-DEC 14

ORIENTATION IN AN S AN S 110 R CREDIT
Note: SECTION 1 FOR AN S MAJORS
1519005 1 TR 8:00-9:00
1519015 2 TR 8:00-9:00
1519020 3 TR 8:00-9:00
MEETS: AUG 20-DEC 14

SURVEY ANIMAL INDUS AN S 114 2 CREDITS
1518005 1 TR 8:00-9:00
MEETS: AUG 20-DEC 14

HORSE EVENT MKT&MGMT AN S 199E 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN 101 OR 114
Note: NO MORE THAN 2 CREDITS OF AN S 199 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION Satisfactory-Fail Only.
9122005 1 TR 3:40-5:00
MEETS: AUG 20-DEC 14

CAREER PREP AN SCI AN S 210 1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION IN AN S
1621005 1 TR 1:10-3:00
1621015 2 TR 1:10-3:00
MEETS: AUG 20-DEC 14

ISSUES FACING AN S AN S 211 1 CREDIT
Prereq: 114, SOPHOMORE CLASSIFICATION
1542005 1 TR 4:10-6:00PM
MEETS: AUG 20-DEC 14
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ANIMAL SCIENCE (CONTINUED)

GENET IMPRV DOM ANI AN S 352 3 CREDITS
Prereq: ONE COURSE IN STATISTICS, BIOL 211/211, INSTRUCTOR PERMISSION
Note: Available for nonmajor graduate credit
1534010 1 MW 10:00-10:50
MEETS: AUG 20-DEC 14
1534015 2 MW 10:00-10:50
T 10:00-11:50
MEETS: AUG 20-DEC 14
1534005 3 MW 10:00-10:50
T 12:10-2:00
MEETS: AUG 20-DEC 14

FRESH MEATS AN S 360 3 CREDITS
Prereq: 270; COURSE IN ORGANIC OR BIOCHEMISTRY
Note: Available for nonmajor graduate credit
1536005 1 TR 1:10-2:00
R 10:00-11:50
MEETS: AUG 20-DEC 14
1538005 ARRANGED

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
1538005 ARRANGED
MEETS: AUG 20-DEC 14

SUPERV’D INTERNSHIP AN S 399B R CREDIT
Prereq: PERMISSION OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
2258005 ARRANGED
MEETS: AUG 20-DEC 14

ISSUES ANIMAL SCIEN AN S 411 1 CREDIT
Prereq: SENIOR CLASSIFICATION IN AN S
1713005 1 T 4:10-5:00PM
MEETS: AUG 20-DEC 14

ADV ANIML NUTRITION AN S 419 2 CREDITS
Prereq: 214, 319, 320
Note: Available for nonmajor graduate credit
1756005 A TR 3:10-4:00
MEETS: AUG 20-DEC 14

SWINE SYSTEMS MGMT AN S 425; 3 CREDITS
Prereq: 226; 270; 319; 320; 331, 352. ECON 230 OR EQUIVALENT IS RECOMMENDED.
Note: Available for nonmajor graduate credit
1549005 1 MF 1:10-2:00
W 12:10-2:00
MEETS: AUG 20-DEC 14
1549010 2 MF 1:10-2:00
W 2:10-4:00
MEETS: AUG 20-DEC 14

BF CATTLE SYSTS MGT AN S 426 3 CREDITS
Prereq: 226; 270; 319; 320; 331, 352. ECON 230 OR EQUIVALENT IS RECOMMENDED.
Note: Available for nonmajor graduate credit
1550010 1 TR 1:10-2:00
R 12:10-2:00
MEETS: AUG 20-DEC 14

DAIRY SYSTEMS MGMT AN S 434 3 CREDITS
Prereq: 235, 319, 320, 331, 337, 352. ECON 230 OR EQUIVALENT IS RECOMMENDED.
Note: Available for nonmajor graduate credit
1552005 1 MW 2:10-3:00
MEETS: AUG 20-DEC 14

JUDGING MEAT ANIMAL AN S 475A 1- 2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: No more than 6 credits of 475 may be applied toward graduation
1556005 ARRANGED
MEETS: AUG 20-DEC 14

JUDGING DAIRY CATTLE AN S 475B 1- 2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: No more than 6 credits of 475 may be applied toward graduation
1557005 ARRANGED
MEETS: AUG 20-DEC 14

JUDGING MEATS AN S 475C 1- 2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: No more than 6 credits of 475 may be applied toward graduation
1558005 1 ARRANGED
MEETS: AUG 20-DEC 14
1558010 2 R 2:10-5:00
MEETS: AUG 20-DEC 14
Note: Section 2: NOVICE, OFFERED FOR 1 CREDIT ONLY.

JUDGING HORSES AN S 475E 1- 2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: No more than 6 credits of 475 may be applied toward graduation
4470005 1 F 12:10-2:00
MEETS: AUG 20-DEC 14
### Animal Science (Continued)

<table>
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<td>Animal Nutrition</td>
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<td>SPL TOP MEAT AN PRO 590C</td>
<td>Livestock Production</td>
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<td>SPL TOP DAIRY PROD 590D</td>
<td>Dairy Production</td>
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<td>SPL TOP PHYS REPROD 590F</td>
<td>Physical Reproduction</td>
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<td>Muscle Biology</td>
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### Anthropology

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ANTHROPOLOGY (CONTINUED)

ARCHAEOLOGY  ANTHR 308  3 CREDITS
Prereq: 202
Note: Instructor permission required 1st week.
1619005  1 TR 9:00-9:50
F 8:00-9:50
MEETS: AUG 20-DEC 14
1619010  2 TR 9:00-9:50
F 10:00-11:50
MEETS: AUG 20-DEC 14
1619015  3 TR 9:00-9:50
F 11:10-12:00
MEETS: AUG 20-DEC 14

INTRO CULTURAL&LANGUAGES  ANTHR 309  3 CREDITS
Prereq: ANTHR 201 RECOMMENDED
Note: Meets international perspectives reqmt
1620005  1 ARRANGED
MEETS: AUG 20-DEC 14
1636005  TR 12:40-2:50
MEETS: AUG 20-DEC 14
PEOPLE&CULTS NATV AM  ANTHR 322  3 CREDITS
Prereq: 201 OR AM IN 210
Note: Meets U.S. diversity reqmt
1626005  MWF 2:10-3:00
MEETS: AUG 20-DEC 14
ASIANS & NATVE CULTS  ANTHR 333  3 CREDITS
Prereq: ENGL 250
Note: Course restricted to ANTHR JUNIORS & SENIORS only
9136005  TR 9:30-10:50
MEETS: AUG 20-DEC 14
GLOBAL CULTURES, CONSUMPTION  ANTHR 418  3 CREDITS
MEETS: AUG 20-DEC 14
7375005  TR 12:40-2:00
MEETS: AUG 20-DEC 14

THEORETICAL CULTURE ANTH 425  2 CREDITS
Prereq: JUNIOR CLASSIFICATION IN ANTHROPOLOGY OR PERMISSION FROM THE INSTRUCTOR
Note: Course restricted to ANTHR JUNIORS & SENIORS only
9185005  1 W 3:10-5:00
MEETS: AUG 20-DEC 14

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 core course requirements for the major or for the ANTHR minor.
Satisfactory-Fail Only.
7718001 ARRANGED
MEETS: AUG 20-DEC 14

INTERNSHIP BIOLOGY 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 2 credits Fall 2012. Satisfactory-Fail Only.
1072005 ARRANGED
MEETS: AUG 20-DEC 14

INTERNSHIP LINGUISTICS ANTHR 434D  2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: No more than 6 credits of internship experience may count towards the major. No credit in ANTHR 434 may be used to satisfy ANTHR core course requirements for the major or for the ANTHR minor. Offered for 2 credits Fall 2012. Satisfactory-Fail Only.
1094005 ARRANGED
MEETS: AUG 20-DEC 14

SEX & GENDER X-CULTURE ANTHR 444  3 CREDITS
Prereq: Meets international perspectives reqmt
7703005 TR 8:00-9:12
MEETS: AUG 20-DEC 14

ANTHROPOLOGY (CONTINUED)

HISTORICAL&THEORETICAL ANTHR 450  3 CREDITS
Prereq: 306
6249005  1 TR 2:10-3:30
MEETS: AUG 20-DEC 14
PRACTICUM ARCHAEOLOGY ANTHR 451A  1-3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
4780015 MH ARRANGED
MEETS: AUG 20-DEC 14
4780010 NC ARRANGED
MEETS: AUG 20-DEC 14
PRACTICUM CULTURAL ANTHR 451B  1-3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
1095005 ARRANGED
MEETS: AUG 20-DEC 14
1095010 JD ARRANGED
MEETS: AUG 20-DEC 14
PRACTICUM BIOLOGY ANTHR 451C  1-3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
1102005 JP ARRANGED
MEETS: AUG 20-DEC 14
PRACTICUM LINGUISTICS ANTHR 451D  1-3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
1116005 MF ARRANGED
MEETS: AUG 20-DEC 14

BIOLOGY ANTHR. PALEONTOLOGY ANTHR 482A  3 CREDITS
Prereq: 307
7677005 MFN 10:00-10:50
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY ANTHR 490A  1-5 CREDITS
Prereq: No more than 9 credits of ANTHR 490 may be applied toward graduation
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ANTHR 490B  1-5 CREDITS
Prereq: No more than 9 credits of ANTHR 490 may be applied toward graduation
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ANTHR 490C  1-5 CREDITS
Prereq: No more than 9 credits of ANTHR 490 may be applied toward graduation
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ANTHR 490D  1-5 CREDITS
Prereq: No more than 9 credits of ANTHR 490 may be applied toward graduation
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS ANTHR 490H  1-5 CREDITS
Prereq: 9 credits in Anthropology, membership in the honors program
Note: Course restricted to graduate students only
Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

THEORETICAL CULTURE ANTH 510  3 CREDITS
Prereq: 6 credits in Anthropology
1647005 T 5:10-8:00PM
MEETS: AUG 20-DEC 14

ARCHAEOLOGY OF N AMERICA ANTHR 515  3 CREDITS
Prereq: 202
7527005 TR 12:40-2:00
MEETS: AUG 20-DEC 14
GLOBAL CULTURES, CONSUMPTION ANTHR 518  3 CREDITS
Prereq: 201 OR 306 RECOMMENDED
Note: Meets international perspectives reqmt
7376005 TR 12:40-2:00
MEETS: AUG 20-DEC 14

PEOPLE & CULTURE NATIVE AM ANTHR 522  3 CREDITS
Prereq: 201 OR AM IN 210
8365005 MFN 2:10-3:00
MEETS: AUG 20-DEC 14
ANTHROPOLOGY (continued)

ASIAN AM MTRL CULT ANTHR 533 3 CREDITS
Prereq: ENGL 250
Note: Meets U.S. diversity reqmt
9137005 TR 9:30-10:50
MEETS: AUG 20-DEC 14
SEX&GENDER X-CULTUR ANTHR 544 3 CREDITS
Prereq: 261; 366 RECOMMENDED
7704005 TR 8:00-9:20
MEETS: AUG 20-DEC 14
BIOI ANTHR: PALEOAN ANTHR 582A 3 CREDITS
Prereq: 307
7721005 W 10:00-10:50
MEETS: AUG 20-DEC 14

GRAD INDEPENDNT STYD ANTHR 590 1-4 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEP'T FOR REFERENCE NUMBERS

ANTHROPOLOGY ORIENT ANTHR 591 1 CREDIT
Prereq: ADMISSION TO THE ANTHROPOLOGY GRADUATE PROGRAM
Note: COURSE RESTRICTED TO ANTHR GRAD MAJORS ONLY
Satisfactory-Fail Only.
8044005 A M 9:10-10:00PM
MEETS: AUG 20-OCT 12

FOUND SUSTAINABLE AG ANTHR 610 3 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

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

APPAREL, ED STUDIES&HOSPITALITY MGMT

PRO DEVELOP FOR AESHM AESHM 111 3 CREDITS
5099005 1 M 8:00-8:50, ARRANGED
R 10:00-11:00
MEETS: AUG 20-DEC 14
Note: SECTION 1 RESTRICTED TO HRI, HSP M, EVENT PREMISES ONLY
5099010 2 M 8:00-8:50, ARRANGED
F 8:00-9:50
MEETS: AUG 20-DEC 14
Note: SECTION 2 FOR TRANSFER STUDENTS ONLY, RESTRICTED TO EVENT, HRI AND HSP M SOFMENES, JUNIORS AND SENIORS. OTHERS MUST SEEK A SIGNATURE FROM THE DEPT.
5099015 3 M 8:00-8:50, ARRANGED
T 3:10-5:00
MEETS: AUG 20-DEC 14
Note: SECTION 3 RESTRICTED TO A M D, AMDP SOFMENES ONLY
5099020 4 M 8:00-8:50, ARRANGED
R 3:10-5:00
MEETS: AUG 20-DEC 14
Note: SECTION 4 RESTRICTED TO A M D, AMDP SOFMENES ONLY
5099025 5 M 8:00-8:50, ARRANGED
F 8:00-9:50
MEETS: AUG 20-DEC 14
Note: SECTION 5 RESTRICTED TO A M D AND AMDP SOFMENES, JUNIORS AND SENIORS ONLY

SUPV WRK EXP I:HSFY AESHM 170D 1 CREDIT
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAT 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
1107005 ARRANGED
MEETS: AUG 20-DEC 14

SUPV WRK EXP I:EVNT AESHM 170F 1 CREDIT
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAT 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
1110005 ARRANGED
MEETS: AUG 20-DEC 14

SPV WRK EXP I:APPA AESHM 170N 1 CREDIT
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAT 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
1125005 ARRANGED
MEETS: AUG 20-DEC 14

APPAREL, ED STUDIES&HOSPITALITY MGMT (continued)

SUP WRK EXP II:HSFY AESHM 270D 1-2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR HRI
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
1132005 ARRANGED
MEETS: AUG 20-DEC 14

SUP WRK EXP II:EVNT AESHM 270F 1-2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM, HRI, OR TC
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
1120005 ARRANGED
MEETS: AUG 20-DEC 14

SUP WRK EXP II:APPA AESHM 270N 1-2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR TC
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
Satisfactory-Fail Only.
1120005 ARRANGED
MEETS: AUG 20-DEC 14

MERCHANDISING AESHM 275 3 CREDITS
Prereq: 1 CREDITS IN MATH
2853005 1A MWF 11:00-12:00PM
MEETS: AUG 20-DEC 14
Note: SEC 1A RESTRICTED TO T C, A M D, AMDP MAJORS ONLY
2853010 1B MWF 11:00-12:00PM
MEETS: AUG 20-DEC 14
Note: SEC 1B RESTRICTED TO HRI, HSP M, EVENT MAJORS
2853015 1C MWF 11:00-12:00PM
MEETS: AUG 20-DEC 14
Note: SEC 1C RESTRICTED TO MAJORS OTHER THAN T C, AMDP, A M D, HRI, HSP M, EVENT

PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS
Note: CREDIT IN HRI 391 MAY NOT BE APPLIED TOWARD THE DEGREE REQUIREMENTS FOR THE MAJOR IN HOSPITALITY MANAGEMENT. CREDIT FOR EITHER HRI 391, OR AESHM 287 AND AESHM 438, BUT NOT 391 IN COMBINATION WITH EITHER 287 OR 438, MAY BE APPLIED TOWARD GRADUATION.
4608005 1A MWF 11:00-12:00PM
MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS
4608010 1B MWF 11:00-12:00PM
MEETS: AUG 20-DEC 14
Note: SECTION 1B RESTRICTED TO AMDP, A M D MAJORS
4608015 1C MWF 11:00-12:00PM
MEETS: AUG 20-DEC 14
Note: SECTION 1C RESTRICTED TO MAJORS OTHER THAN HRI, HSP M, AMDP, A M D, EVENT

SEM CAREERS&INTERNS AESHM 311 1 CREDIT
Prereq: FRESHMAN CLASSIFICATION, GOOD ACADEMIC STANDING
2920005 1 A 3:40-5:00PM
MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO AMDP, A M D MAJORS
2920010 1B 3:40-5:00PM
MEETS: AUG 20-DEC 14
Note: SECTION 1B RESTRICTED TO HRI, HRI, HSP M, EVENT, PCDS MAJORS

HSTPVAAPPARL MARKTG AESHM 340 3 CREDITS
Prereq: ECON 101
2921005 1A TR 3:40-5:00
MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS
2921010 1B TR 3:40-5:00
MEETS: AUG 20-DEC 14
Note: SECTION 1B RESTRICTED TO AMDP, A M D, T C, CS A, CS M MAJORS
2921015 1C TR 3:40-5:00
MEETS: AUG 20-DEC 14
Note: SECTION 1C RESTRICTED TO MAJORS OTHER THAN A M D, AMDP, EVENT, T C, T A MAJORS

AEITHTCS CNSMR EXPC AESHM 342 3 CREDITS
Note: Meets U.S. diversity reqmt
4609005 1A MF 2:10-3:00
MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO EVENT, HRI, HSP M, AMDP MAJORS
4609010 1B MF 2:10-3:00
MEETS: AUG 20-DEC 14
Note: SECTION 1B RESTRICTED TO A M D, AMDP, T C, T A MAJORS
4609015 1C MF 2:10-3:00
MEETS: AUG 20-DEC 14
Note: SECTION 1C RESTRICTED TO MAJORS OTHER THAN A M D, AMDP, EVENT, HRI, H M, T C
APPAREL, ED STUDIES&HOSPITALITY MGMT (CONTINUED)

BRAND MKGT&PROMTNS AESHM 377  3 CREDITS
Prereq: T C 245; AESHM 340 OR MKT 340
6626005  1A MWF 11:00-11:50 MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO A M D, AMDP, T C MAJORS
6626010  1B MWF 11:00-11:50 MEETS: AUG 20-DEC 14
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN A M D, AMDP, T C

COMMUNITY LEADERSHIP AESHM 379  3 CREDITS
Note: Meets: U.S. diversity reqmt 4610005  MWF 11:10-12:00 MEETS: AUG 20-DEC 14

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: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2012

COOPERATIVE EDUCATN AESHM 398  R CREDIT
Prereq: PERMISSION OF DEPT CHAIR; JR CLASSIFICATN
1002005  Arranged MEETS: AUG 20-DEC 14
Note: Instructor permission required.

SEM CURR ISS HSPTLY AESHM 411D  1- 3 CREDITS
Note: COURSE RESTRICTED TO HRI, HSP M MAJORS ONLY
7064005  1 T 1:10-2:00, ARRANGED MEETS: AUG 20-DE 14
Note: THE ARRANGED TIME REPRESENTS WWW COMPONENT

SMNR CURR ISS:EVENT AESHM 411F  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY
4206005  Arranged MEETS: AUG 20-DEC 14

INTERNSHIP FOOD&WBEVRG AESHM 470A VAR. CREDITS
Prereq: AESHM 311, HRI 380, HRI 380L, AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION

INTERNSHIP LODGING AESHM 470B VAR. CREDITS
Prereq: AESHM 311, HRI 352, AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION

INTERNSHIP CLUB MGT AESHM 470C VAR. CREDITS
Prereq: AESHM 311, HRI 289, AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION

INTERNSHIP HOSPITALITY AESHM 470D VAR. CREDITS
Prereq: AESHM 311, 9 CREDITS IN HRI, AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION

INTERNSHIP EVENT MGT AESHM 470F VAR. CREDITS
Prereq: AESHM 271, AESHM 311, EVENT 211, EVENT 371; AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION

INTERN TXTL&AP DSGN AESHM 470I VAR. CREDITS
Prereq: AESHM 311, T C 210, T C 225, T C 231, T C 245, T C 278 (RECOMMENDED), AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012.
NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION.

APPAREL, ED STUDIES&HOSPITALITY MGMT (CONTINUED)

INTERNSHIP MERCHAND AESHM 470J VAR. CREDITS
Prereq: AESHM 311, T C 275, AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012.
NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION.

INTERNSHIP PRODCT DEV AESHM 470K VAR. CREDITS
Prereq: AESHM 311, T C 210, T C 231, T C 245; MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION.

INTERNSHIP P RPBLSH AESHM 470L VAR. CREDITS
Prereq: AESHM 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION.

INTERNSHIP MUSEUMS AESHM 470M VAR. CREDITS
Prereq: AESHM 311, 9 CREDITS IN AESHM OR HRI, AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION.

PRACTCM APPAR MCHDS AESHM 570A  1- 3 CREDITS
Prereq: 6 GRAD CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION
6660005  Arranged MEETS: AUG 20-DEC 14
Note: Instructor permission required.

ARABIC

ELEMENTARY ARABIC I ARABC 101  4 CREDITS
7047005  1 MTWR 9:00-9:50 MEETS: AUG 20-DEC 14
7437010  2 MTWR 11:00-11:50 MEETS: AUG 20-DEC 14

INTERMEDIATE ARABIC I ARABC 201  4 CREDITS
Prereq: 102
Note: Meets: international perspectives reqmt 9279005  1 MTWR 10:00-10:50 MEETS: AUG 20-DEC 14

ARCHITECTURE

ARCHITCTRL DESIGN I ARCH 201  6 CREDITS
Prereq: COMPLETION OF THE PRE-PROFESSIONAL PROGRAM AND ADMISSION INTO THE PROFESSIONAL PROGRAM IN ARCHITECTURE
1673005  1 F 4:10-5:20 MW 1:10-2:00 F 1:10-3:30 MEETS: AUG 20-DEC 14

ARCHITCTRL DESIGN I ARCH 201H  6- 7 CREDITS
Prereq: COMPLETION OF THE PRE-PROFESSIONAL PROGRAM AND ADMISSION INTO THE PROFESSIONAL PROGRAM IN ARCHITECTURE
8138005  1 F 4:10-5:20 MW 1:10-2:00 F 1:10-3:30 MEETS: AUG 20-DEC 14
Note: Instructor permission required.
FALL 2012

ARCHITECTURE (CONTINUED)

ARCHITECT HISTORY I ARCH 221 3 CREDITS
Note: Meets international perspectives reqm
1675005 1A MWF 9:00-9:50
MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO ARC, ARCH MAJORS
1675010 1B MWF 9:00-9:50
MEETS: AUG 20-DEC 14
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN ARC, ARCH

DSGN COMMUNICATIONS I ARCH 230 3 CREDITS
Prereq: Admission to the professional program in Architecture
Note: COURSE RESTRICTED TO ARC MAJORS ONLY
1679005 A TR 10:00-10:50
TR 11:00-11:50
MEETS: AUG 20-DEC 14

BLDG SCIENCE 4& TECH I ARCH 245 3 CREDITS
Prereq: Completion of the pre-professional program and admission into the professional program in Architecture
9383005 1 TR 1:10-2:00
MEETS: AUG 20-DEC 14

HUM BEHAV&ENVIR THY ARCH 271 3 CREDITS
Prereq: Completion of the pre-professional program and admission into the professional program in Architecture
1679005 1 TR 11:00-12:20
MEETS: AUG 20-DEC 14

ARCHITECT DESIGN III ARCH 301 6 CREDITS
Prereq: ARCH 202
1681005 1 W 4:10-5:20
MF 1:10-5:20
W 1:10-3:50
MEETS: AUG 20-DEC 14

ARCHITECT DESIGN III ARCH 301H 6-7 CREDITS
Prereq: ARCH 202
Note: For ARC majors who are members of the University Honors Program
8186005 W 4:10-5:20
MF 1:10-5:20
W 1:10-3:50
MEETS: AUG 20-DEC 14

ARCHITECT DESIGN III ARCH 301H 6-7 CREDITS
Prereq: ARCH 202
Note: For ARC majors who are members of the University Honors Program
8186010 2 TR 9:00-11:20
MEETS: AUG 20-DEC 14

THREE-DIMENS STUDIO ARCH 335 3 CREDITS
1686005 1 TR 1:10-3:20
MEETS: AUG 20-DEC 14

THREE-DIMENS STUDIO ARCH 335H 3-4 CREDITS
Note: Course restricted to members of the University Honors Program only
9261005 1 TR 1:10-3:20
MEETS: AUG 20-DEC 14
9261010 2 TR 9:00-11:20
MEETS: AUG 20-DEC 14

BLDG SCIENCE & TECHNOLOGY ARCH 445 3 CREDITS
Prereq: ARCH 341
1592205 1 TR 2:10-3:30
TR 4:10-5:30
MEETS: AUG 20-DEC 14

ARCHITECT DESIGN V ARCH 401 6 CREDITS
Prereq: ARCH 302
Note: COURSE RESTRICTED TO ARC, ARCH MAJORS ONLY
1691005 1 F 4:10-5:20
MW 1:10-5:20
F 1:10-3:50
MEETS: AUG 20-DEC 14

ARCHITECT DESIGN V ARCH 401H 6-7 CREDITS
Prereq: ARCH 302
Note: COURSE RESTRICTED TO ARC, ARCH MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
8232005 F 4:10-5:20
MEETS: AUG 20-DEC 14

Note: Instructor permission required.

ARCHITECTURE (CONTINUED)

ARCHITECT DESIGN VII ARCH 403 6 CREDITS
Prereq: ARCH 402
1693005 1 MW 1:10-5:20
F 1:10-3:50
F 4:10-5:30
MEETS: AUG 20-DEC 14

ARCHITECT DESIGN VII ARCH 403H 6-7 CREDITS
Prereq: ARCH 402
8235005 MW 1:10-5:20
F 1:10-3:50
F 4:10-5:20
MEETS: AUG 20-DEC 14
Note: Instructor permission required.

TOPICS NATIVE AM ARCH ARCH 426 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
1295005 1 T 7:00-10:00PM
MEETS: AUG 20-DEC 14

HIST&THRY CHINESE ARCH 427 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Meets international perspectives reqm
1701005 1 MF 9:00-9:50
MEETS: AUG 20-DEC 14

ADV CPTR LIGHTG&MARK ARCH 432 3 CREDITS
Prereq: ARCH 220 AND ARCH 301
3834005 TR 9:30-10:50
MEETS: AUG 20-DEC 14

FILE TO FABRICATION ARCH 433 3 CREDITS
Prereq: ARCH 220 AND ARCH 301
3852005 1 MW 7:10-8:30PM
MEETS: AUG 20-DEC 14

CMPT ARCH&ENV DSIGN ARCH 434 3 CREDITS
Note: Available for nonmajor graduate credit
1705005 1 TR 1:10-2:00
MEETS: AUG 20-DEC 14

ARCHITECTURE (CONTINUED)

ARCHITECT DESIGN VII ARCH 403 6 CREDITS
Prereq: ARCH 402
1693005 1 MW 1:10-5:20
F 1:10-3:50
F 4:10-5:30
MEETS: AUG 20-DEC 14

ARCHITECT DESIGN VII ARCH 403H 6-7 CREDITS
Prereq: ARCH 402
8235005 MW 1:10-5:20
F 1:10-3:50
F 4:10-5:20
MEETS: AUG 20-DEC 14
Note: Instructor permission required.

INDEPENDENT STUDY 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

ARCHITECT DESIGN VII ARCH 403H 6-7 CREDITS
Prereq: ARCH 402
8235005 MW 1:10-5:20
F 1:10-3:50
F 4:10-5:20
MEETS: AUG 20-DEC 14
Note: Instructor permission required.

INDEPENDENT STUDY ARCH 490C 1-9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

ARCHITECT DESIGN VII ARCH 403H 6-7 CREDITS
Prereq: ARCH 402
8235005 MW 1:10-5:20
F 1:10-3:50
F 4:10-5:20
MEETS: AUG 20-DEC 14
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ARCH 490D 1-9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ARCH 490E 1-9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ARCH 490F 1-9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ARCH 490G 1-9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ARCH 490H 1-9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ARCH 490I 1-9 CREDITS
Prereq: Approval of instr & dept chair on req form
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

Note: Instructor permission required.
ARCHITECTURE

ARCHITECTURAL DESIGN I ARCH 505 5 CREDITS
Prereq: ADMISSION TO THE M. ARCH. PROGRAM, AND CONCURRENT ENROLLMENT IN ARCH 541 AND ARCH 595
775005 1 T 1:10-2:50
MEETS: AUG 20-DEC 14

HIST, THE CHINESE ARCH 527 3 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012
1731005 1 T 9:30-10:50
MEETS: AUG 20-DEC 14

TOPIC: ARCH 528A 2-3 CREDITS
Prereq: 221, 222 OR SR CLASS OR GRAD STANDING
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012
1731005 1 T 9:30-10:50
MEETS: AUG 20-DEC 14

SCI & TECH FOR ARCH I ARCH 541 5 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012
7753005 1 F 9:30-11:50
MEETS: AUG 20-DEC 14

SPECIAL TOPICS ARCH 590 1-5 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON APPROVED FORM
Note: SEE DEPT FOR REFERENCE NUMBERS
1729005 1 T 12:40-2:00
MEETS: AUG 20-DEC 14

ARCHITECTURE (CONTINUED)

GRADUATE SEMINAR ARCH 698 R CREDIT
Prereq: ADMISSION TO THE M. ARCH. OR M. S. IN ARCH. PROGRAM
1749005 1 T 12:40-2:00
MEETS: AUG 20-DEC 14

RESEARCH ARCH 699 3-9 CREDITS
Note: SEE DEPT FOR REFERENCE NUMBERS

ART & DESIGN

ART HIST IN EUROPE ART 495N 3 CREDITS
Prereq: 494; PERMISSION OF INSTRUCTOR
Note: COURSE LIMITED TO ARTDN, ARTFA, ARTGR, ARTID, ARTS MAJORS
1752800 1 T 11:00-1:00
MEETS: SEPT 5-DEC 14
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2012
Study Abroad Administrative Fee Applies

ART DESIGN STUDY ART 496 R CREDIT
Prereq: CONCURRENT ENROLLMENT IN AN ART AND DESIGN STUDY OR ART HISTORY COURSE AND PERMISSION OF INSTRUCTOR
Note: Satisfactory-Fail Only
953000 1 ARRANGED

ART STUDY ABROAD ART 563 1-6 CREDITS
Prereq: CONCURRENT ENROLLMENT IN AN ART AND DESIGN STUDIO OR ART HISTORY COURSE AND PERMISSION OF INSTRUCTOR
Note: Satisfactory-Fail Only
7515005 1 TR 1:10-3:20
MEETS: AUG 20-DEC 14

NOTE: SEE DEPT FOR REFERENCE NUMBERS

ART EDUCATION

INTRO TO ART EDUC ARTED 211 3 CREDITS
Prereq: 494; PERMISSION OF INSTRUCTOR
Note: COURSE LIMITED TO ARTDN, ARTFA, ARTGR, ARTID, ARTS MAJORS
1773005 1 A 11:00-1:15
MEETS: AUG 20-DEC 14
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2012
Study Abroad Administrative Fee Applies

ARCHITECTURE (CONTINUED)

GRADUATE SEMINAR ARCH 698 R CREDIT
Prereq: ADMISSION TO THE M. ARCH. OR M. S. IN ARCH. PROGRAM
1749005 1 T 12:40-2:00
MEETS: AUG 20-DEC 14

RESEARCH ARCH 699 3-9 CREDITS
Note: SEE DEPT FOR REFERENCE NUMBERS

ART & DESIGN

ART HIST IN EUROPE ART 495N 3 CREDITS
Prereq: 494; PERMISSION OF INSTRUCTOR
Note: COURSE LIMITED TO ARTDN, ARTFA, ARTGR, ARTID, ARTS MAJORS
1752800 1 T 11:00-1:00
MEETS: SEPT 5-DEC 14
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2012
Study Abroad Administrative Fee Applies

ART DESIGN STUDY ART 496 R CREDIT
Prereq: CONCURRENT ENROLLMENT IN AN ART AND DESIGN STUDY OR ART HISTORY COURSE AND PERMISSION OF INSTRUCTOR
Note: Satisfactory-Fail Only
953000 1 ARRANGED

ART STUDY ABROAD ART 563 1-6 CREDITS
Prereq: CONCURRENT ENROLLMENT IN AN ART AND DESIGN STUDIO OR ART HISTORY COURSE AND PERMISSION OF INSTRUCTOR
Note: Satisfactory-Fail Only
7515005 1 TR 1:10-3:20
MEETS: AUG 20-DEC 14

NOTE: SEE DEPT FOR REFERENCE NUMBERS

ART EDUCATION

INTRO TO ART EDUC ARTED 211 3 CREDITS
Prereq: 494; PERMISSION OF INSTRUCTOR
Note: COURSE LIMITED TO ARTDN, ARTFA, ARTGR, ARTID, ARTS MAJORS
1773005 1 A 11:00-1:15
MEETS: AUG 20-DEC 14
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2012
Study Abroad Administrative Fee Applies
ART HISTORY

HISTORY OF ART I  ART H 280  3 CREDITS
Note: Meets international perspectives reqmt. 1790005  A1 TR 11:00-12:20 INSTRUCTOR: AUG 20-DEC 14
Note: SECTION A1 RESTRICTED TO ART, ARTD, ARTFA, ARTGR, ARTID, ARTS, DSGNS MAJORS 1790010  A2 TR 11:00-12:20 MEETS: AUG 20-DEC 14

INTR VISU CULTR STU  ART H 292  3 CREDITS
Note: Meets U.S. diversity reqmt. 1764005  A MW 10:00-10:50 F 9:00-9:50 MEETS: AUG 20-DEC 14
1764010  B MW 10:00-10:50 F 9:00-9:50 MEETS: AUG 20-DEC 14
1764015  C MW 10:00-10:50 F 9:00-9:50 MEETS: AUG 20-DEC 14
1764025  D MW 10:00-10:50 F 10:00-10:50 MEETS: AUG 20-DEC 14
1764030  E MW 10:00-10:50 F 10:00-10:50 MEETS: AUG 20-DEC 14
1764035  F MW 10:00-10:50 F 10:00-10:50 MEETS: AUG 20-DEC 14
1764040  G MW 10:00-10:50 F 10:00-10:50 MEETS: AUG 20-DEC 14
1764045  J MW 10:00-10:50 F 11:00-11:50 MEETS: AUG 20-DEC 14
1764050  K MW 10:00-10:50 F 11:00-11:50 MEETS: AUG 20-DEC 14
1764055  L MW 10:00-10:50 F 11:00-11:50 MEETS: AUG 20-DEC 14

ART OF ISLAM  ART H 384  3 CREDITS
Note: Available for nonmajor graduate credit. 2613005  TR 9:30-10:50 MEETS: AUG 20-DEC 14

MODERN ART & THEORY  ART H 388  3 CREDITS
Note: Available for nonmajor graduate credit. 1145005  TR 9:30-10:50 MEETS: AUG 20-DEC 14

HIST OF PHOTOGRAPHY  ART H 396  3 CREDITS
Note: Instructor permission required 1st week. 1209005  TR 11:00-12:20 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY  ART H 490  1-6 CREDITS
Prereq: Written approval of instructor and department chair on required form before the semester of enrollment. ****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  ART H 490H  1-6 CREDITS
Prereq: Written approval of instructor and department chair on required form before the semester of enrollment. Note: RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY. ****** SEE DEPT FOR REFERENCE NUMBERS

WOMEN/GENDER IN ART  ART H 494  3 CREDITS
Note: Available for nonmajor graduate credit. 1210005  TR 4:10-5:30 MEETS: AUG 20-DEC 14

TOPICS IN ART HIST  ART H 498  3 CREDITS
Note: Instructor permission required 1st week. 1738005  A TR 12:40-2:00 MEETS: AUG 20-DEC 14
1738010  B TR 2:10-3:30 MEETS: AUG 20-DEC 14
1738015  C ARRANGED MEETS: AUG 20-DEC 14

SPECIAL TOPICS  ART H 590  VAR. CREDITS
Prereq: Bachelor's degree in art and/or design, or evidence of satisfactory equivalency in specialized area. Written approval of instnr and department chair on required form in advance of semester of enrollment. Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART ****** SEE DEPT FOR REFERENCE NUMBERS

ARTISTIC DESIGN

TOPICS IN ART HIST  ART H 598  3 CREDITS
Prereq: Graduate classification and permission of instructor. Note: RESTRICTED TO GRADUATE STUDENTS AND SENIORS 1792005  A MFN 11:00-11:50 MEETS: AUG 20-DEC 14
Note: SECTION A TOPIC: PHOTOGRAPHY AT WAR

GRAPH DSGN STUDIO I  ARTGR 270  3 CREDITS
Prereq: ARTGR 275, AND PERMISSION TO THE GRAPHIC DESIGN PROGRAM THROUGH DEPARTMENT REVIEW. Note: COURSE FOR ARTGR MAJORS ONLY. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT. 1785005  A MFN 8:00-9:50 MEETS: AUG 20-DEC 14
1785010  B MFN 8:00-9:50 MEETS: AUG 20-DEC 14
1785015  C MFN 8:00-9:50 MEETS: AUG 20-DEC 14
1785020  D MFN 8:00-9:50 MEETS: AUG 20-DEC 14

GRAPH PHOTO FOR GR DSN  ARTGR 272  3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR ARTGR 271
9179005  A TR 10:00-11:50 MEETS: AUG 20-DEC 14
9179010  B TR 2:10-3:00 MEETS: AUG 20-DEC 14

GRAPHIC TECHNOLOGY I  ARTGR 275  2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 270 OR ARTGR 271
Note: COURSE FOR ARTGR MAJORS ONLY. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT. 5281005  A T 8:00-9:20 T 9:30-10:30 R 8:00-9:50 MEETS: AUG 20-DEC 14
5281010  B T 8:00-9:20 T 9:30-10:30 R 8:00-9:50 MEETS: AUG 20-DEC 14
5281015  C T 8:00-9:20 T 9:30-10:30 R 8:00-9:50 MEETS: AUG 20-DEC 14
5281020  D T 8:00-9:20 T 9:30-10:30 R 8:00-9:50 MEETS: AUG 20-DEC 14

VISUAL COMMUNICATIONS  ARTGR 281  3 CREDITS
Note: COURSE RESTRICTED TO ARTGR MAJORS 6024005  TR 2:10-3:30 MEETS: AUG 20-DEC 14

GRAPHIC DSN STDIO III  ARTGR 370  3 CREDITS
Prereq: ARTGR 271, ARTGR 276, AND CREDIT ON CONCURRENT ENROLLMENT IN ARTGR 387
Note: COURSE RESTRICTED TO ARTGR MAJORS
1819005  A MFN 10:00-11:50 MEETS: AUG 20-DEC 14
1819010  B MFN 10:00-11:50 MEETS: AUG 20-DEC 14
1819015  C MFN 10:00-11:50 MEETS: AUG 20-DEC 14
1819020  D MFN 10:00-11:50 MEETS: AUG 20-DEC 14

GRAPHIC DSN STDIO V  ARTGR 470  3 CREDITS
Prereq: ARTGR 371, ENROLLMENT IN A 2-CREDIT OPTION
Note: STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT
1854005  A TR 11:00-2:00 MEETS: AUG 20-DEC 14
1854010  B TR 11:00-2:00 MEETS: AUG 20-DEC 14
1854015  C TR 11:00-2:00 MEETS: AUG 20-DEC 14

Study Abroad Administrative Fee Applies
### Photographic and Digital Media

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTGR 472</td>
<td>Photographic and Digital Media</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
</tr>
<tr>
<td>ARTGR 473</td>
<td>Advanced Photographic and Digital Media</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
</tr>
<tr>
<td>ARTGR 570</td>
<td>Digital Imaging</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
</tr>
<tr>
<td>ARTGR 571</td>
<td>Digital Imaging</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
</tr>
<tr>
<td>ARTGR 572</td>
<td>Digital Imaging</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
</tr>
<tr>
<td>ARTGR 573</td>
<td>Digital Imaging</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
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</table>

### Studio Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>ARTGR 484</td>
<td>Photographic Design 2D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
</tr>
<tr>
<td>ARTGR 485</td>
<td>Photographic Design 3D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
</tr>
<tr>
<td>ARTGR 486</td>
<td>Photographic Design 4D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
</tr>
<tr>
<td>ARTGR 487</td>
<td>Photographic Design 5D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
</tr>
<tr>
<td>ARTGR 488</td>
<td>Photographic Design 6D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
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</tbody>
</table>

### Graphic Design

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>ARTGR 492</td>
<td>An Introduction to Graphic Design</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370 or ARTGR 371</td>
</tr>
<tr>
<td>ARTGR 493</td>
<td>Advanced Graphic Design</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370 or ARTGR 371</td>
</tr>
<tr>
<td>ARTGR 494</td>
<td>Professional Graphic Design</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370 or ARTGR 371</td>
</tr>
<tr>
<td>ARTGR 495</td>
<td>Special Topics in Graphic Design</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370 or ARTGR 371</td>
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</table>

### Advanced Study

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>ARTGR 574</td>
<td>Intermediate Graphic Design</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370 or ARTGR 371</td>
</tr>
<tr>
<td>ARTGR 575</td>
<td>Advanced Graphic Design</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370 or ARTGR 371</td>
</tr>
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### Special Topics

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTGR 590A</td>
<td>Special Topics in Graphic Design</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370 or ARTGR 371</td>
</tr>
<tr>
<td>ARTGR 590B</td>
<td>Special Topics in Graphic Design</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370 or ARTGR 371</td>
</tr>
<tr>
<td>ARTGR 590C</td>
<td>Special Topics in Graphic Design</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370 or ARTGR 371</td>
</tr>
</tbody>
</table>

### Independent Study

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTGR 490I</td>
<td>Independent Study</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370 or ARTGR 371</td>
</tr>
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### Workshop

<table>
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<tr>
<th>Course Code</th>
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<th>Prerequisites</th>
</tr>
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<tbody>
<tr>
<td>ARTGR 493</td>
<td>Advanced Graphic Design</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370 or ARTGR 371</td>
</tr>
</tbody>
</table>

### Portfolio Review

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTGR 570</td>
<td>Photographic Design 2D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
</tr>
<tr>
<td>ARTGR 571</td>
<td>Photographic Design 3D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
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<td>ARTGR 572</td>
<td>Photographic Design 4D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
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<tr>
<td>ARTGR 573</td>
<td>Photographic Design 5D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
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<td>ARTGR 574</td>
<td>Photographic Design 6D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
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</table>

### Exhibition Design

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ARTGR 484</td>
<td>Photographic Design 2D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
</tr>
<tr>
<td>ARTGR 485</td>
<td>Photographic Design 3D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
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<tr>
<td>ARTGR 486</td>
<td>Photographic Design 4D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
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<tr>
<td>ARTGR 487</td>
<td>Photographic Design 5D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
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<tr>
<td>ARTGR 488</td>
<td>Photographic Design 6D</td>
<td>3</td>
<td>prerequisite enrollment in ARTGR 370, ARTGR 371, ARTGR 470, or ARTGR 482</td>
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</tbody>
</table>
ART: INTEGRATED STUDIO ARTS

CRTV VISUAL THINKING ARTIS 201 3 CREDITS
Note: COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS
7938005 ARRANGED
Note: Course delivery is WWW

STUDIO FDNTL: WOOD ARTIS 202 2 CREDITS
Prereq: SOPHOMORE LEVEL OR ABOVE
9264005 A MW 2:10-5:00
9264010 B MW 2:10-5:00
MEETS: AUG 20-OCT 12
MEETS: OCT 15-DEC 14

STD FUND: JEWLRY/MTL ARTIS 203 2 CREDITS
Prereq: SOPHOMORE LEVEL AND ABOVE
9272005 A MW 11:00-1:00
9272010 B MW 11:00-1:00
MEETS: AUG 20-OCT 12
MEETS: OCT 15-DEC 14

STD FUND: CERAMICS ARTIS 204 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION.
9253005 A MW 1:10-4:00
9253010 B MW 1:10-4:00
MEETS: AUG 20-OCT 12
MEETS: OCT 15-DEC 14

COLOR ARTIS 208 3 CREDITS
Prereq: DSN S 102, DSN S 131, AND DSN S 183.
Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS
Instructor permission required 1st week.
1766005 A TR 8:00-10:50
1766010 B MW 12:10-2:00
MEETS: AUG 20-DEC 14

STUDIO FUND: PHOTO ARTIS 210 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION.
9256005 A MW 11:00-1:00
9256010 B MW 11:00-1:00
MEETS: AUG 20-OCT 12
MEETS: OCT 15-DEC 14

STUDIO FUND: COMPUTERS ARTIS 212 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION.
9257005 A TR 2:10-6:00PM
9257010 B TR 2:10-6:00PM
MEETS: AUG 20-OCT 12
MEETS: OCT 15-DEC 14

STUDIO FUND: PAINTING ARTIS 213 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION.
9266005 A MW 1:10-4:00
9266010 B MW 1:10-4:00
MEETS: AUG 20-OCT 12
MEETS: OCT 15-DEC 14

ART: INTEGRATED STUDIO ARTS (CONTINUED)

STUDIO FUND: TEXTILE ARTIS 214 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION.
9269005 A TR 2:10-6:00PM
9269010 B TR 2:10-6:00PM
MEETS: AUG 20-OCT 12
MEETS: OCT 15-DEC 14

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS
Prereq: DSN S 102, DSN S 131 AND DSN S 183
Note: COURSE RESTRICTED TO ARTFA, ARTGR, ARTID, ARTIS, BFM I, PBPMI MAJORS
1983005 A TR 11:00-1:50
MEETS: AUG 20-DEC 14

INTR CRTV DGT PHOTO ARTIS 227H 3-4 CREDITS
Prereq: DSN S 102, DSN S 131 AND DSN S 183
Note: COURSE RESTRICTED TO ARTFA, ARTGR, BFM I MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
Instructor permission required.
5467005 A TR 11:00-1:50
MEETS: AUG 20-DEC 14

INTRO DARKRM PHOTOG ARTIS 229 3 CREDITS
Prereq: DSN S 102, DSN S 131 AND DSN S 183
Note: COURSE RESTRICTED TO ARTFA, ARTGR, ARTID, ARTIS, BFM I, PBPMI MAJORS
1778005 A TR 2:10-5:00
MEETS: AUG 20-DEC 14
Note: SECTION A RESTRICTED TO ART, ARTDN, ARTFA, ARTGR, ARTID, ARTIS, BFM I, PBPMI MAJORS
1779005 1 TR 8:00-10:50
MEETS: AUG 20-DEC 14
Note: SECTION 1 RESTRICTED TO ARTFA, ARTIS
1779010 2 TR 11:00-1:50
Note: SECTION 2 RESTRICTED TO ARTDN, ARTGR, ARTID, BFM I, PBPMI

WATERCOLOR PAINTING ARTIS 233 3 CREDITS
Prereq: ARTIS 230
Note: COURSE RESTRICTED TO ARTFA, ARTDN, ART, ARTGR, ARTID, ARTIS, BFM I, PBPMI MAJORS
Instructor permission required 1st week.
1780005 A TR 11:00-2:00
MEETS: AUG 20-DEC 14

WATERCOLOR PAINTING ARTIS 233H 3-4 CREDITS
Prereq: ARTIS 230
Note: FOR ARTFA, ARTDN, ART, ARTGR, ARTID, ARTIS, BFM I, PBPMI MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
Instructor permission required.
5570005 A TR 11:00-2:00
MEETS: AUG 20-DEC 14

PAINTING I ARTIS 238 3 CREDITS
Prereq: ARTIS 230
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR, ARTID, ARTIS, BFM I, PBPMI MAJORS
Instructor permission required 1st week.
7828005 A TR 8:00-10:50
MEETS: AUG 20-DEC 14

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS
Prereq: DSN S 102, DSN S 131 AND DSN S 183
Note: COURSE RESTRICTED TO ARTFA, ARTGR, ARTID, ARTIS, BFM I, PBPMI MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
Instructor permission required.
5570005 A TR 8:00-10:50
MEETS: AUG 20-DEC 14

PAINTING I ARTIS 238H 3-4 CREDITS
Prereq: ARTIS 230
Note: FOR ART, ARTDN, ARTFA, ARTGR, ARTID, ARTIS, BFM I, PBPMI MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
Instructor permission required.
5573005 A TR 8:00-10:50
MEETS: AUG 20-DEC 14

INTEGRATED MEDIA ARTIS 305 3 CREDITS
Prereq: 6 CREDITS OF 200 LEVEL STUDIO
Note: Instructor permission required 1st week.
1771800 IT ARRANGED
Note: SECTION IT TEACHES IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2012 MATERIALS, FIELD TRIPS & TRAVEL FEE $25.00 - $25.00 DOES NOT APPLY.
Study Abroad Administrative Fee Applies
ART: INTEGRATED STUDIO ARTS  

(Continued)

CPT R MODULIVIR PHOTO ARTIS 308  3 CREDITS  
Prereq: ARTIS 230 OR PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO ART, ARTN, ART, ARTV,  
ARTFA, ARTG, ARTID, ART, BMPI, DSOG, DMGR,  
C R P, IND D, L A, P ARC, P CRC, P GR, P BPMI,  
P ID, P IND, P ISA, P LA MAJORS  
6423005 A TR 12:40-3:00  
MEETS: AUG 20-DEC 14

CPT R MODULIVIR PHOTO ARTIS 308H  3- 4 CREDITS  
Prereq: ARTIS 230 OR PERMISSION OF INSTRUCTOR  
Note: FOR BMPI, PBPMI, AND COLLEGE OF DESIGN MAJORS  
WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
Instructor permission required.  
5598005 A TR 9:00-11:30  
MEETS: AUG 20-DEC 14

SOURCES VISUAL DSGN ARTIS 310  3 CREDITS  
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA,  
ARTID, ART MAJORS  
6432005 A TR 9:00-11:30  
MEETS: AUG 20-DEC 14

SOURCES VISUAL DSGN ARTIS 310H  3- 4 CREDITS  
Prereq: ART 230, 310 OR 310H IS REQUIRED OF  
ALL ISA BFA STUDENTS.  
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012.  
FOR ART, ARTDN, ARTFA, ARTG, ARTID, ARTIS MAJORS  
WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
Instructor permission required.  
9379005 A TR 9:00-11:30  
MEETS: AUG 20-DEC 14

STUDIO FURNITURE ARTIS 319  3 CREDITS  
9254005 MW 12:10-2:00  
MEETS: AUG 20-DEC 14

INTRO FURNITURE DSGN ARTIS 320  3 CREDITS  
Prereq: ART 202  
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA,  
ARTG, ARTID, ART MAJORS  
1798005 A MW 9:00-11:00  
MEETS: AUG 20-DEC 14

INTRO FURNITURE DSGN ARTIS 320H  3- 4 CREDITS  
Prereq: ART 202  
Note: FOR ART, ARTDN, ARTFA, ARTG, ARTID, ART MAJORS  
WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
Instructor permission required.  
5599005 A MW 9:00-11:30  
MEETS: AUG 20-DEC 14

INTMD CERAMCS STDIO ARTIS 322  3 CREDITS  
Prereq: ART 204  
Note: COURSE RESTRICTED TO DESIGN COLLEGE MAJORS ONLY  
WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
Instructor permission required.  
1799005 A TR 1:10-4:00  
MEETS: AUG 20-DEC 14

INTMD CERAMCS STDIO ARTIS 322H  3- 4 CREDITS  
Prereq: ART 204  
Note: FOR DESIGN COLLEGE MAJORS WHO ARE MEMBERS OF  
THE UNIVERSITY HONORS PROGRAM  
Instructor permission required.  
5601005 A TR 1:10-4:00  
MEETS: AUG 20-DEC 14

SCI ILLUSTR PRINTEC ARTIS 323  3 CREDITS  
Prereq: 6 CREDITS IN ART AND DESIGN AND  
3 CREDITS IN BIOLOGICAL SCIENCES  
6579005 TR 2:10-5:00  
MEETS: AUG 20-DEC 14

JEWELL/METALSMT II ARTIS 324  3 CREDITS  
Prereq: ART 203 OR PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA,  
ARTG, ARTID, ART MAJORS  
Instructor permission required.  
7237005 TR 2:10-5:00  
MEETS: AUG 20-DEC 14

ILLUSTR AS COMMUNIC ARTIS 327  3 CREDITS  
Prereq: ARTIS 326  
7239005 MW 6:10-9:00PM  
MEETS: AUG 20-DEC 14

CREATIVE PHOTOGRAPHY ARTIS 329  3 CREDITS  
Prereq: ARTIS 210 OR ARTIS 229  
Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS  
Instructor permission required.  
1801005 TR 8:00-10:50  
MEETS: AUG 20-DEC 14

DRAW III:LIFE DRWNG ARTIS 330  3 CREDITS  
Prereq: ARTIS 230  
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA,  
ARTG, ARTID, ART, BMPI, PBPMI MAJORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
Instructor permission required.  
5770005 A MW 8:00-10:50  
MEETS: AUG 20-DEC 14

5770010 B MW 11:00-11:50  
MEETS: AUG 20-DEC 14

THREE-DIMENS STUDIO ARTIS 335  3 CREDITS  
1806005 1 TR 1:10-3:20  
MEETS: AUG 20-DEC 14

1806010 2 TR 9:10-11:20  
MEETS: AUG 20-DEC 14

PAINTING II ARTIS 338  3 CREDITS  
Prereq: ARTIS 238 OR ARTIS 213 AND ARTIS 230  
Note: Instructor permission required 1st week.  
7832005 A TR 1:10-4:00  
MEETS: AUG 20-DEC 14

7832800 IT ARRANGED  
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF  
DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2012  
Study Abroad Administrative Fee Applies

PRINTED TEXTILDSGN I ARTIS 347  3 CREDITS  
Prereq: ARTIS 214 OR PERMISSION OF INSTRUCTOR  
Note: Instructor permission required 1st week.  
1809005 MW 2:10-5:00  
MEETS: AUG 20-DEC 14

RELIEF PRINTMAKING ARTIS 353  3 CREDITS  
Prereq: ART 230. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
Note: COURSE RESTRICTED TO STUDENTS WHO ARE MEMBERS  
OF THE UNIVERSITY HONORS PROGRAM  
9435005 A MW 9:00-11:50  
MEETS: AUG 20-DEC 14

RELIEF PRINTMAKING ARTIS 353X  3 CREDITS  
Prereq: ART 230  
4270005 MW 9:00-11:50  
MEETS: AUG 20-DEC 14

LITHOGRAPHY: DIGITRAD ARTIS 358  3 CREDITS  
Prereq: ARTIS 206 AND CREDIT OR ENROLLMENT IN  
ARTIS 230  
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA,  
ARTG, ARTID, ART MAJORS  
Instructor permission required.  
1810005 TR 9:00-11:50  
MEETS: AUG 20-DEC 14

LITHOGRAPHY ARTIS 358H  3- 4 CREDITS  
Prereq: ARTIS 230 AND CREDIT OR ENROLLMENT IN  
ARTIS 230  
Note: FOR ART, ARTDN, ARTFA, ARTG, ARTID, ART MAJORS  
WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM  
Instructor permission required.  
6982005 A TR 9:00-11:50  
MEETS: AUG 20-DEC 14

PRIN 3D ANIMATION ARTIS 408  3 CREDITS  
Prereq: ARTIS 304  
Note: Available for nonmajor graduate credit  
Instructor permission required.  
1834005 1 TR 9:00-12:50  
MEETS: AUG 20-DEC 14

PRIN 3D ANIMATION ARTIS 408H  3- 4 CREDITS  
Prereq: ARTIS 304  
Note: FOR UNIVERSITY HONORS PROGRAM MEMBERS  
Available for nonmajor graduate credit  
Instructor permission required.  
6237005 1 MW 9:00-12:50  
MEETS: AUG 20-DEC 14
ART: INTEGRATED STUDIO ARTS (CONTINUED)

CPTR GAME DESIGN/DEV ARTIS 409 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR. PROGRAMMING
EMPHASIS: COMM S 227, COMM S 228, OR
EQUIVALENT IN ENGINEERING; ART OR GRAPHICS EMPHASIS:
ARTIS 230 AND ARTIS 308; WRITING EMPHASIS: AN ENGLISH
Note: Available for nonmajor graduate credit
5954005 MW 9:00-11:50
MEETS: AUG 20-DEC 14

CPTR GAME DESIGN/DEV ARTIS 409H 3-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR. PROGRAMMING
EMPHASIS: COMM S 227, COMM S 228, COMM S 229 OR
EQUIVALENT IN ENGINEERING; ART OR GRAPHICS EMPHASIS:
ARTIS 230 AND ARTIS 308; WRITING EMPHASIS: AN ENGLISH
Note: Available for nonmajor graduate credit
7340005 MW 9:00-11:50
MEETS: AUG 20-DEC 14

ADV FURNITURE DSGN ARTIS 420 3 CREDITS
Prereq: ARTIS 320
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTID,
ARTIS MAJORS
Available for nonmajor graduate credit
Instructor permission required 1st week.
1838005 TR 9:00-11:50
MEETS: AUG 20-DEC 14

ADV FURNITURE DSGN ARTIS 420H 3-4 CREDITS
Prereq: ARTIS 320
Note: FOR ART, ARTDN, ARTFA, ARTID, ARTIS MAJORS
WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
Available for nonmajor graduate credit
Instructor permission required.
6992005 TR 9:00-11:50
MEETS: AUG 20-DEC 14

CERAMICS STUDIO ARTIS 422 3 CREDITS
Prereq: ARTIS 322
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTID,
ARTIS MAJORS
Available for nonmajor graduate credit
Instructor permission required 1st week.
1839005 A TR 3:10-6:00PM
MEETS: AUG 20-DEC 14

CERAMICS STUDIO ARTIS 422H 3-4 CREDITS
Prereq: ARTIS 322
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTID,
ARTIS MAJORS
WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
Available for nonmajor graduate credit
Instructor permission required.
7002005 A TR 3:10-6:00PM
MEETS: AUG 20-DEC 14

JEWELR/METLSMTH III ARTIS 424 3 CREDITS
Prereq: ARTIS 324 OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTID,
ARTIS MAJORS
Available for nonmajor graduate credit
Instructor permission required 1st week.
7250005 TR 2:10-5:00PM
MEETS: AUG 20-DEC 14

ADVANCED PHOTOGRAPHY ARTIS 429 3 CREDITS
Prereq: ARTIS 329
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
1836005 A TR 8:00-10:50
MEETS: AUG 20-DEC 14

ADVANCED PHOTOGRAPHY ARTIS 429H 3-4 CREDITS
Prereq: ARTIS 329
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY
HONORS PROGRAM
Available for nonmajor graduate credit
Instructor permission required.
7018005 TR 8:00-10:50
MEETS: AUG 20-DEC 14

DRAWING ARTIS 430 3 CREDITS
Prereq: ARTIS 330
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
ARTIS, BPM I MAJORS
Available for nonmajor graduate credit
Instructor permission required 1st week.
1841005 TR 5:10-8:00PM
MEETS: AUG 20-DEC 14

DRAWING ARTIS 430H 3-4 CREDITS
Prereq: ARTIS 330
Note: FOR ART, ARTDN, ARTFA, ARTGR, ARTIS, BPM I MAJORS
WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM
Available for nonmajor graduate credit
Instructor permission required.
7074005 TR 5:10-8:00PM
MEETS: AUG 20-DEC 14

ART: INTEGRATED STUDIO ARTS (CONTINUED)

PAINTING III ARTIS 438 3 CREDITS
Prereq: ARTIS 338
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
Instructor permission required 1st week.
7833005 TR 11:00-4:00
MEETS: AUG 20-DEC 14

PAINTING III ARTIS 438H 3-4 CREDITS
Prereq: ARTIS 338
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY
HONORS PROGRAM
Available for nonmajor graduate credit
Instructor permission required.
7147005 TR 11:00-4:00
MEETS: AUG 20-DEC 14

PRINTED TEXTILES ARTIS 447 3 CREDITS
Prereq: ARTIS 356, ARTIS 357, ARTIS 358, ARTIS 359, ARTIS 360,
AND PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA,
ARTGR, ARTIS MAJORS
1840005 TR 9:00-11:50
MEETS: AUG 20-DEC 14

ADVANCED PRINTMAKING ARTIS 458 3 CREDITS
Prereq: ARTIS 356, ARTIS 357, ARTIS 358, AND PERMISSION
OF INSTRUCTOR
Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA,
ARTGR, ARTIS MAJORS
1839005 TR 9:00-11:50
MEETS: AUG 20-DEC 14

INDEP STUDIO ART ARTIS 482 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012.
RESTRICTED TO DESIGN COLLEGE MAJORS.
1855005 TR 2:10-5:00
MEETS: AUG 20-DEC 14
Note: SECTION 1 TOPIC: DIGITAL DRAWING

INDEPENDENT CERAMICS ARTIS 490B 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
6312005 1 TR 9:00-11:50
MEETS: AUG 20-DEC 14

INDEPENDENT DESIGN ARTIS 490D 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

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

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

INDEPENDENT STUDIO ART ARTIS 490F 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDIO ART ARTIS 490G 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDIO ART ARTIS 490H 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ART ARTIS 490I 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ART ARTIS 490J 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS
ART: INTEGRATED STUDIO ARTS (CONTINUED)

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

IND STU PRINTMAKING ARTIS 490K 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

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

PRIN 3D CHAR ANIMAT ARTIS 507 3 CREDITS
Prereq: ARTIS 308
1870005 TR 2:10-5:00
MEETS: AUG 20-DEC 14

CPRTR AID Animativ ARTIS 508 3 CREDITS
Prereq: ARTIS 406 OR GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
Instructor permission required 1st week.
8265005 A MW 10:00-12:50
MEETS: AUG 20-DEC 14

ADV FURNITURE DSGN ARTIS 520 3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
Instructor permission required 1st week.
1895005 TR 9:00-11:50
MEETS: AUG 20-DEC 14

CERAMIC STUDIO ARTIS 522 3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
Instructor permission required 1st week.
1896005 A TR 3:10-6:00PM
MEETS: AUG 20-DEC 14

JEWELDEC METAL III ARTIS 524 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
Instructor permission required 1st week.
7255005 TR 2:10-5:00
MEETS: AUG 20-DEC 14

ADVANCED PHOTOGRAPHY ARTIS 529 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
Instructor permission required 1st week.
7399005 TR 8:00-10:50
MEETS: AUG 20-DEC 14

DRAWING ARTIS 530 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
Instructor permission required 1st week.
7747005 TR 5:10-8:00PM
MEETS: AUG 20-DEC 14

ADVANCED PAINTING ARTIS 538 3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR.
Note: Instructor permission required 1st week.
7826005 TR 1:10-4:00
MEETS: AUG 20-DEC 14

ADV PRINT TXXL DSGN ARTIS 547 3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR.
9488010 MW 2:10-5:00
MEETS: AUG 20-DEC 14

RELIEF PRINTMAKING ARTIS 555X 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION.
1860010 MW 9:00-11:50
MEETS: AUG 20-DEC 14

LITHOGRAPHY Dig4trad ARTIS 558 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
7750005 TR 9:00-11:50
MEETS: AUG 20-DEC 14

TOPICS STUDIO ART ARTIS 582 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR.
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012.
RESTRICTED TO GRADUATE STUDENTS IN THE DESIGN COLLEGE.
1870005 TR 2:10-5:00
MEETS: AUG 20-DEC 14
Note: TOPIC: DIGITAL DRAWING

ART: INTEGRATED STUDIO ARTS (CONTINUED)

SPL TOPICS CERAMICS ARTIS 590B 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 SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTR A&D ARTIS 590C VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA.
WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS DRAWING ARTIS 590D 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 SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEXTILES ARTIS 590E 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 SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ILLUSTRAT ARTIS 590F 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 SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS METALS ARTIS 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 SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA.
WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

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

SPL 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 SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEDIAM ARTIS 590M 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 SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEXTILES ARTIS 590N 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 SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEDIAM ARTIS 590O 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 SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART.
Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS
ART: INTERIOR DESIGN

FUND INTN DESIGN ARTID 250 2 CREDITS
FALL 2012
6589005 1A MW 8:00-8:50
MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO ARTID MAJORS
6589010 1B MW 8:00-8:50
MEETS: AUG 20-DEC 14
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN ARTID

HUMN FACTRS IN DSGN ARTID 251 3 CREDITS
2061005 A TR 8:00-8:50
MEETS: AUG 20-DEC 14
Note: SEC A RESTRICTED TO ARTID MAJORS ONLY
2061010 B TR 8:00-8:50
MEETS: AUG 20-DEC 14
Note: SEC B FOR MAJORS OTHER THAN ARTID

GRAPH COM INT DSN I ARTID 261 3 CREDITS
Prereq: ADMISSION TO THE INTERIOR DESIGN PROGRAM THROUGH PROGRAM REVIEW AND ENROLLMENT IN 261
MEETS: AUG 20-DEC 14
Note: COURSE RESTRICTED TO ARTID MAJORS ONLY
7885005 A MW 9:00-9:50
MEETS: AUG 20-DEC 14
7885010 B MW 9:00-9:50
MEETS: AUG 20-DEC 14
7885015 C MW 9:00-9:50
MEETS: AUG 20-DEC 14

INT DESIGN STUDIO I ARTID 265 4 CREDITS
Prereq: ADMISSION TO THE INTERIOR DESIGN PROGRAM THROUGH PROGRAM REVIEW
Note: COURSE RESTRICTED TO ARTID MAJORS ONLY. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT. Instructor permission required 1st week.
1784015 A T 11:00-11:50
TR 12:10-1:00
MEETS: AUG 20-DEC 14
1784020 B T 11:00-11:50
TR 12:10-1:00
MEETS: AUG 20-DEC 14
1784025 C T 11:00-11:50
TR 12:10-1:00
MEETS: AUG 20-DEC 14

INTERR FINISH MATRL ARTID 350 3 CREDITS
Prereq: COMPLETION OF THE COLLEGE OF DESIGN CORE.
Instructor permission required 1st week.
1859005 TR 9:30-10:30
MEETS: AUG 20-DEC 14

INT BLDG SYS/DETAILS ARTID 353 3 CREDITS
Note: COURSE RESTRICTED TO ARTID MAJORS
7731005 A TR 3:40-4:30
MEETS: AUG 20-DEC 14

INT DSN HIST/THY II ARTID 356 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 355 OR PERMISSION OF INSTRUCTOR
Note: Available for nonmajor graduate credit.
Instructor permission required 1st week.
1845005 TR 8:00-9:00
MEETS: AUG 20-DEC 14

MADE IN ITALY ARTID 357 2 CREDITS
Prereq: ENROLLED IN STUDY IN ROME PROGRAM
Note: Meets international perspectives reqmt.
7449800 IT ARRANGED SCHNEIDER P MEETS: SEPT 5-DEC 14
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2012
Study Abroad Administrative Fee Applies

JUNIOR FIELD STUDY ARTID 359 R CREDIT
Prereq: ENROLLMENT IN THIRD YEAR INTERIOR DESIGN STUDIO COURSE
Note: COURSE RESTRICTED TO ARTID MAJORS Satisfactory-Fail Only.
1814005 A ARRANGED MEETS: AUG 20-DEC 14
1814010 B ARRANGED MEETS: AUG 20-DEC 14
1814020 C ARRANGED MEETS: AUG 20-DEC 14
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2012
FIELD TRIPS & TRAVEL FEE $1,000.00 - $1,000.00
DOES NOT APPLY.
Study Abroad Administrative Fee Applies

ART: INTERIOR DESIGN (CONTINUED)

INT DSGN STUDIO III ARTID 365 4 CREDITS
Prereq: 263, 267. CONCURRENT ENROLLMENT IN 359.
Note: COURSE RESTRICTED TO ARTID MAJORS.
Instructor permission required 1st week.
1815005 A W 8:00-8:50
MEETS: AUG 20-DEC 14
1815010 B W 8:00-8:50
MEETS: AUG 20-DEC 14
1815800 IT ARRANGED SCHNEIDER P MEETS: SEPT 5-DEC 14
Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2012
PROFESSIONAL SUPPORT FEE $25.00 - $25.00 DOES NOT APPLY.
Study Abroad Administrative Fee Applies

ADV STUDIES COLOR ARTID 469B 3 CREDITS
Prereq: 12 CR IN INTERIOR DESIGN RELATED COURSES
Note: Available for nonmajor graduate credit.
1661003 TR 9:30-10:50
MEETS: AUG 20-DEC 14

INDEP STUDY ARTID 490 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR.
Note: COURSE RESTRICTED TO ARTID MAJORS
****** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED STUDY HONORS ARTID 490H 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO ARTID MAJORS WHO ARE
IN THE UNIVERSITY HONORS PROGRAM
****** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP ARTID 493 1-3 CREDITS
Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN
AREA OF SPECIALIZATION.
8035005 W 5:10-7:00PM
MEETS: AUG 20-DEC 14

MACRO DSGN HUMANICS ARTID 551C 3 CREDITS
Prereq: INSTRUCTOR PERMISSION
8264005 TR 6:00-7:30PM
MEETS: AUG 20-DEC 14

DSGN MHTHS:SYNTHESIS ARTID 552B 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
1808005 TR 5:10-6:00PM
MEETS: AUG 20-DEC 14

ID TEACHING PRACTICM ARTID 554 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
4283005 ARRANGED
MEETS: AUG 20-DEC 14

INTERN DSGN STUDIO V ARTID 565 4 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required 1st week.
1906005 A M 11:10-2:00
MM 2:10-5:00
MEETS: AUG 20-DEC 14
1906010 B M 11:10-2:00
MM 2:10-5:00
MEETS: AUG 20-DEC 14

ADV STUDI DSGN THRY ARTID 569A 3 CREDITS
Prereq: GRAD CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO GRADUATE ART MAJORS.
7179005 A TR 9:30-10:50
MEETS: AUG 20-DEC 14

ADV STUDIES COLOR ARTID 569B 3 CREDITS
Prereq: GRAD CLASSIFICATION OR PERMISSION OF INSTRUCTOR
1684005 TR 9:30-10:50
MEETS: AUG 20-DEC 14

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 ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
****** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ARTID 599 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
<table>
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<tr>
<th>Course Code</th>
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Additional information:
- **Enrollment:** The enrollment status for each class is provided, indicating whether the class is open or closed.
- **Attendance:** Attendance requirements are specified for each class, typically involving a minimum number of classes attended.
- **Resources:** Information on resources such as textbooks, online materials, and laboratory equipment is provided.
- **Grading:** Grading policies, including the method of assessment (exams, assignments, etc.), are outlined.
- **Course Policies:** Specific policies, such as late work submission, are communicated to students.
- **Special Instructions:** Special instructions or exceptions to the standard policies are highlighted, such as classes that are canceled or rescheduled.

This structured format allows for easier navigation and reference of information, enhancing the accessibility of the course details for students.
**ATHLETICS**

**INTERCOL CROSS CTRY ATH 101D** 1 CREDIT  
Prereq: Permission of Head Coach  
Note: Men. Limited to 1 credit per year to a maximum of 4. Credit in Ath 101 may not be applied toward graduation if credit is also received for skill technique course in the same sport or Kin 166. Instructor permission required.  
Satisfactory-Fail Only.  
1976005  ARRANGED  
MEETS: AUG 20-DEC 14

**INTERCOL CROSS CTRY ATH 101E** 1 CREDIT  
Prereq: Permission of Head Coach  
Note: Women. Limited to 1 credit per year to a maximum of 4. Credit in Ath 101 may not be applied toward graduation if credit is also received for skill technique course in the same sport or Kin 166. Instructor permission required.  
Satisfactory-Fail Only.  
1977005  ARRANGED  
MEETS: AUG 20-DEC 14

**INTERCOL FOOTBALL ATH 101F** 1 CREDIT  
Prereq: Permission of Head Coach  
Note: Women. Limited to 1 credit per year to a maximum of 4. Credit in Ath 101 may not be applied toward graduation if credit is also received for skill technique course in the same sport or Kin 166. Instructor permission required.  
Satisfactory-Fail Only.  
1978005  ARRANGED  
MEETS: AUG 20-DEC 14

**INTERCOL VOLLEYBALL ATH 101R** 1 CREDIT  
Prereq: Permission of Head Coach  
Note: Women. Limited to 1 credit per year to a maximum of 4. Credit in Ath 101 may not be applied toward graduation if credit is also received for skill technique course in the same sport or Kin 166. Instructor permission required.  
Satisfactory-Fail Only.  
1998005  ARRANGED  
MEETS: AUG 20-DEC 14

**INTERCOLLEGIAT GOLF ATH 101T** 1 CREDIT  
Prereq: Permission of Head Coach  
Note: Women. Limited to 1 credit per year to a maximum of 4. Credit in Ath 101 may not be applied toward graduation if credit is also received for skill technique course in the same sport or Kin 166. Instructor permission required.  
Satisfactory-Fail Only.  
1999005  ARRANGED  
MEETS: AUG 20-DEC 14

**INTERCOLLEGIATE SOCCER ATH 101U** 1 CREDIT  
Prereq: Permission of Head Coach  
Note: Women. Limited to 1 credit per year to a maximum of 4. Credit in Ath 101 may not be applied toward graduation if credit is also received for skill technique course in the same sport or Kin 166. Instructor permission required.  
Satisfactory-Fail Only.  
3628005  ARRANGED  
MEETS: AUG 20-DEC 14

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**BIOCHEMICAL ENGINEERING**

**INTRO BIOCHEMISTRY BBMB 101** 1 CREDIT  
1996005  1 F 2:10-3:00  
MEETS: AUG 20-DEC 14

**BIOCHEMISTRY I BBMB 201** 3 CREDITS  
Prereq: CHEM 332  
Note: Credit for either BBMB 420 or the BBMB 404,405 sequence, but not both, may be applied toward graduation. Available for nonmajor graduate credit  
2001005  MF 12:10-1:00  
MEETS: AUG 20-DEC 14

**BIOCHEMISTRY II BBMB 405** 3 CREDITS  
Prereq: BBMB 404  
Note: Department permission required.  
Cmptr reqmt: http://www.agde.iastate.edu/support/comp.reqs.php
BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

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

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

INDEPENDENT STUDY HONORS 
BBMB 490H VAR. CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM; INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE; JUNIOR OR SENIOR CLASSIFICATION
Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 6 CREDITS OF 490 TOWARD GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF 490 TOWARD GRADUATION. COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.

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

UNDERGRAD RESEARCH 
BBMB 499 1-5 CREDITS
Prereq: PERMISSION OF FACULTY MEMBER WITH WHOM STUDENT PROPOSES TO WORK

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

COMPRHSNSV BIOCHEM I 
BBMB 501 4 CREDITS
Prereq: CHEM 211; CHEM 332. COURSE IN BIOCHEM IS STRONGLY RECOMMENDED.

2010005 MTRF 1:10-2:00
MEETS: AUG 20-DEC 14

INTRO DNA TECHNIQS 
BBMB 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.

7099005 1 TR 1:10-2:00
TR 2:10-4:00
MEETS: AUG 21-SEPT 20

INTRO CELL TECHNIQS 
BBMB 542C 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.

7101005 1 TR 1:10-2:00
TR 2:10-4:00
MEETS: OCT 30-DEC 6

INTR PROTEOMCS TCNQ 
BBMB 542E 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.

7166005 1 TR 1:10-2:00
TR 2:10-4:00
MEETS: SEPT 25-OCT 25

STRUC GENOM INFRMTC 
BBMB 569 3 CREDITS
Prereq: BCB 567, GEN 411, STAT 430

7456005 TR 2:10-3:30
MEETS: AUG 20-DEC 14

SPECIAL TOPICS 
BBMB 590 VAR. CREDITS

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

WORKSHOP BIOCHEMISTRY 
BBMB 593 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR REQUIRED FOR WORKSHOPS. UNDERGRADUATE RESEARCH SYMPOSIUM DOES NOT REQUIRE SIGNATURE.
Note: REGISTRATION FOR SYMPOSIUM IS REQUIRED

4858005 ARRANGED
MEETS: SEPT 6-9

Note: Tuition Category: Workshop

PLANT BIOCHEMISTRY 
BBMB 607 2 CREDITS
Prereq: BBMB 405 OR 501

8273005 MWF 12:10-1:00
MEETS: AUG 20-NOV 2

PROT CHEM-CHEM MTND 
BBMB 652 1 CREDIT
Prereq: BBMB 404 OR 501

2030005 TR 9:30-10:20
MEETS: AUG 20-OCT 12

PROT CHEM-PHYSS MTND 
BBMB 653 1 CREDIT
Prereq: BBMB 404 OR 501

2031005 TR 9:30-10:20
MEETS: OCT 15-DEC 14

MEMBRANE BIOCHEMISTRY 
BBMB 660 2 CREDITS
Prereq: BBMB 405 OR 502

5116005 MWF 11:00-11:50
MEETS: AUG 20-DEC 14

NUC ACID STRUC&FUNC 
BBMB 675 2 CREDITS
Prereq: BBMB 405 OR BBMB 502

2033005 TR 9:30-10:20
MEETS: AUG 20-DEC 14

ADVANCED SEMINAR 
BBMB 681 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR

2034005 T 3:10-5:00
MEETS: AUG 20-DEC 14

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

DEPARTMENT SEMINAR 
BBMB 682 R CREDIT
Prereq: PERMISSION OF INSTRUCTOR

2035005 R 4:30-6:00PM
MEETS: AUG 20-DEC 14

RESEARCH SEMINAR 
BBMB 696 1 CREDIT
Satisfactory-Fail Only.

8831005 W 4:30-5:30PM
MEETS: AUG 20-DEC 14

SEM NMOLEC,C,DY BIO 
BBMB 698 1-2 CREDITS
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2012

20370001 M 3:10-5:00
MEETS: AUG 20-DEC 14
Note: SECTION I WILL NOT MEET EVERY WEEK. MEETING DATES TO BE ANNOUNCED.

RESEARCH 
BBMB 699 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

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

BIOENGINEERING

BIOPROCES&BIOPRODUCT BIOE 411 3 CREDITS
Prereq: A E 216 OR EQUIV; MATH 160 OR 165; ONE OF CHEM 167 OR HIGHER, BIOL 173 OR 211 OR HIGHER OR BM 501; SENIOR OR GRADUATE CLASSIFICATION

5587005 W 12:10-1:00
MEETS: AUG 20-OCT 12

INDEPENDENT STUDY 
BBCE 490 1-5 CREDITS
Prereq: BCIO 211, JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE THAN 9 CREDITS OF BBCE 490 AND 491 TOWARD GRADUATION

8777005 ARRANGED
MEETS: AUG 20-DEC 14

TEAM RESRCH PROJECTS 
BBCE 491 1-5 CREDITS
Prereq: BCIO 211, JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE THAN 9 CREDITS OF BBCE 490 AND 491 TOWARD GRADUATION

4721005 ARRANGED
MEETS: AUG 20-DEC 14

BIOINFORMATICS & COMPUTATIONAL BIOL-UG

BIOINFOMTCS&CB ORIEN 
BCBIO 110 .5 CREDIT

60

BIOINFORMATICS AND COMPUTATIONAL BIOL

INTRO BIOINFORMATICS 
BCB 444 4 CREDITS
Prereq: CHEM 165 OR STAT 401 OR EQUIVALENT
Note: Available for nonmajor graduate credit

8543005 1 MW 10:00-10:50
R 1:10-3:00
MEETS: AUG 20-DEC 14

8543010 2 MW 10:00-10:50
R 3:10-5:00
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY 
BCB 490 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.

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

INTRO BIOINFORMATICS 
BCB 544 4 CREDITS
Prereq: CHEM 165 OR STAT 401 OR EQUIVALENT

8548005 1 MW 10:00-10:50
R 1:10-3:00
MEETS: AUG 20-DEC 14

8548010 2 MW 10:00-10:50
R 3:10-5:00
MEETS: AUG 20-DEC 14

FUND GENOME INFRRMTC 
BCB 567 3 CREDITS
Prereq: COM S 209; COM S 330; STAT 341; CREDIT OR ENROLLMENT IN BIOL 315, STAT 430

2070005 TR 11:00-12:30
MEETS: AUG 20-DEC 14

STTRUC GENOM INFRRMTC 
BCB 569 3 CREDITS
Prereq: BCB 567, GEN 411, STAT 430

2105005 TR 2:10-3:30
MEETS: AUG 20-DEC 14
MEETS: AUG 20-DEC 14
R 4:30-6:00PM
1239005   1 M 3:10-5:00
MEETS: AUG 20-DEC 14
1830005  T R 11:00-12:30
MEETS: AUG 20-DEC 14
FACULTY SEM BIOINF&FM
BCB 691   1 CREDIT
MEETS: AUG 20-DEC 14
GRAD RESEARCH ROTAT
BCB 697   VAR. CREDITS
MEETS: AUG 20-DEC 14
RESEARCH
BCB 699   VAR. CREDITS
MEETS: AUG 20-DEC 14

BIological Systems Engineering
ENG GRPHC&INTRO DSM
BSE 170   3 CREDITS
Prereq: SATISFACTORY SCORES IN MATH PLACEMENT
ASSESSMENTS; CREDIT OR ENROLLMENT IN MATH 142
6707005   A MW 10:00-11:15
MEETS: AUG 20-DEC 14
Note: SECTION A RESTRICTED TO A E, BSE MAJORS ONLY
6707010   B TR 8:00-9:15
MEETS: AUG 20-DEC 14
Note: SECTION B RESTRICTED TO A E, BSE, M E, ENGR MAJORS
SMNR: PREP FOR WRPFL
BSE 201   1 CREDIT
Prereq: SOFR CLASSIF IN A E, AST, BSE OR I TEC
1676005   MW 12:10-1:00
MEETS: AUG 20-DEC 14
FND AG BIOSYS
BSE 216   3 CREDITS
Prereq: A E 110, ENGR 160, CR OR ENR IN MATH 166
1753005   MW 9:00-10:15
T 11:30-1:30
MEETS: AUG 20-DEC 14
COOPERATIVE EDUCATN
BSE 298 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS
APPLD NUMRCL METHDS
BSE 316   3 CREDITS
Prereq: ENGR 160, MATH 266
8473005   A TR 9:00-10:15
MEETS: AUG 20-DEC 14
8473010   B TR 9:00-10:15
R 11:30-1:30
MEETS: AUG 20-DEC 14
BIORENEWABLE SYSTEMS
BSE 325   3 CREDITS
Prereq: ECON 101, CHEM 163 OR HIGHER, MATH 140 OR HIGHER
4227005   A T 3:10-6:00PM
MEETS: AUG 20-DEC 14
4227010   B T 3:10-6:00PM
MEETS: AUG 20-DEC 14
Note: SECTION B RESTRICTED TO AST MAJORS ONLY
4227605   XW ARRANGED
BRUMM T
MEETS: AUG 20-DEC 14
Note: Section XW is off campus
Course delivery is WWW
Cmtr reqmt: http://www.agde.iastate.edu/support
/comp reqs.php
ENGINEER INTERNSHIP
BSE 397   R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS
COOPERATIVE EDUCATN
BSE 398 R CREDIT
Prereq: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS
BIOPROCES&BIOPRODUCT
BSE 411   3 CREDITS
Prereq: A E 216 OR EQUITY; MATH 160 OR 165,
ONE OF CHEM 167 OR HIGHER, BIOL 173 OR 211 OR HIGHER
OR BWT 501; SENIOR OR GRADUATE CLASSIFICATION
1239005  I M 3:10-5:00
R 4:30-6:00PM
MEETS: AUG 20-DEC 14

BIOlogical Systems Engineering (continued)
AGRIC ENGR DESIGN I
BSE 415   2 CREDITS
Prereq: A E 271 OR 272, E M 324
Note: Available for nonmajor graduate credit
1821005   A M 12:10-1:00, ARRANGED
MEETS: AUG 20-DEC 14
AG ENGR DESIGN II
BSE 416   2 CREDITS
Prereq: 415
Note: Available for nonmajor graduate credit
1853005 ARRANGED
MEETS: AUG 20-DEC 14
ENGR ANALY BIONL SYS
BSE 480   3 CREDITS
Prereq: 216; MATH 266; BIOL 211 OR 212; M E 231
Note: Available for nonmajor graduate credit
4864005 TR 11:00-12:15
MEETS: AUG 20-DEC 14
IND STU BIOMNW RSRG
BSE 490B 1- 4 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
IND ST ENVIR
BIOFRBC
BSE 490E 1- 4 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
IND STUDY FOOD ENGR
BSE 490F 1- 4 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY GENERAL
BSE 490G 1- 4 CREDITS
1873020 CB ARRANGED
MEETS: AUG 20-DEC 14
1873045 CY ARRANGED
MEETS: AUG 20-DEC 14
1873101 KR ARRANGED
MEETS: AUG 20-DEC 14
1873117 RR ARRANGED
MEETS: AUG 20-DEC 14
1873170 TB ARRANGED
MEETS: AUG 20-DEC 14
1873180 TK ARRANGED
MEETS: AUG 20-DEC 14
1873200 2W ARRANGED
MEETS: AUG 20-DEC 14
INDEP STUDY HONORS
BSE 490H 1- 4 CREDITS
1874008 AK ARRANGED
MEETS: AUG 20-DEC 14
1874020 CB ARRANGED
MEETS: AUG 20-DEC 14
COOPERATIVE EDUCATN
BSE 498 R CREDIT
Prereq: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

BIOlogical/Pre-Medical Illustration
SCI ILLUST PRIN'TEC
BPM I 323   3 CREDITS
Prereq: 6 CREDITS IN ART AND DESIGN AND 3 CREDITS IN BIOLOGICAL SCIENCES
6580005 TR 2:10-3:15
MEETS: AUG 20-DEC 14
ILLUSTR AS COMMUNIC
BPM I 327   3 CREDITS
Prereq: ARTS 326
1748005 TR 10:30-11:45
MEETS: AUG 20-DEC 14
INDEPENDENT STUDY
BPM I 490 1- 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR & ADVISORY COMM
Chair on req'd form in advance of semester of enrollment
****** SEE DEPT FOR REFERENCE NUMBERS
ILLUSTRATION INTERN
BPM I 497 1- 6 CREDITS
Prereq: JR OR SR CLASSIFICATION IN BPM 1, WRITTEN APPROVAL OF SUPERVISOR, INST & ADVISORY COMM
Chair on approved form in advance of semester of enrollment
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

Biology
INTRODUCTORY BIOL
BIOL 101   3 CREDITS
2064015 W ARRANGED
MEETS: OCT 15-DEC 14
Note: Course delivery is WWW
2064005 1 MWF 10:00-10:50
MEETS: AUG 20-DEC 14
2064010 2 ARRANGED
MEETS: AUG 20-DEC 14
Note: Section XW is off campus
Course delivery is WWW
Section info: http://lasonline.iastate.edu/biol101
2064000 XW ARRANGED
PLEASANTS J
MEETS: AUG 20-DEC 14
Note: Section XW is off campus
Course delivery is WWW
Section info: http://lasonline.iastate.edu/biol101
INTRO TO BIOLOGY  BIOL 110  1 CREDIT
Satisfactory-Fail Only.

2063005  T 3:10-5:00
Note: SECTION 1 RESTRICTED TO BIOL, BIOLA MAJORS
ENTERING ISU Summer 2012 or Fall 2012

2063010  F 11:00-1:50
Note: SECTION 2 RESTRICTED TO BIOL, BIOLA MAJORS
ENTERING ISU Summer 2012 or Fall 2012

HUMAN BIOLOGY  BIOL 155  3 CREDITS
Prereq: HS BIOLOGY & CHEMISTRY OR BIOL 101

7079005  A TR 3:40-5:10
Note: Course delivery is WWW

7079010  B ARRANGED
Note: Course delivery is WWW

ENVIRONMENTAL BIOLOGY  BIOL 201  2 CREDITS

7950005  1A TR 8:00-9:20, ARRANGED
7950010  1B TR 8:00-9:20, ARRANGED
Note: SECTION 1A RESTRICTED TO ENSCA, ENSCS MAJORS ONLY

PRINCIPLES OF BIOLOGY I  BIOL 211  3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR CREDIT OR ENROLLMENT IN CHEM 163 OR 177

2015005  1 ARRANGED
Note: Course delivery is WWW

2015010  2 ARRANGED
Note: Course delivery is WWW

PRINCIPLES OF BIOLOGY LAB I  BIOL 211L  1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN 211

2015005  1 T 12:10-2:00
MEETS: AUG 20-DEC 14

2015010  2 T 12:10-2:00
MEETS: AUG 20-DEC 14

PRINCIPLES OF BIOLOGY II  BIOL 212  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 212

2063005  1 T 12:10-2:00
MEETS: AUG 20-DEC 14

2063010  2 T 12:10-2:00
MEETS: AUG 20-DEC 14

PRINCIPLES OF BIOLOGY LAB II  BIOL 212L  1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN 212

2015005  1 T 9:00-11:50
MEETS: AUG 20-DEC 14

2015010  2 T 9:00-11:50
MEETS: AUG 20-DEC 14
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Note: For more information, please refer to the course catalog or contact the department directly.
BIOLOGY INTERNSHIP BIOI 494 1-3 CREDITS 
Prereq: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSION 
**NOTE: Instructor permission required.** 
**SEE DEPT FOR REFERENCE NUMBERS**

UNDERGRAD SEMINAR BIOI 495 1-3 CREDITS 
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCE; PERMISSION OF INSTRUCTOR 
**NOTE: For juniors and seniors majoring in biology only** 
Satisfactory-Fail Only. 
**SEE DEPT FOR REFERENCE NUMBERS**

COOPERATIVE EDUC BIOI 498 R CREDIT 
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR, JUNIOR CLASSIFICATION

4546005 
MEETS: AUG 20-DEC 14 
Note: Department permission required.

BIOMEDICAL SCIENCES

PRIN OF MORPHOLOGY I B M S 330 5 CREDITS 
Prereq: FIRST-YEAR CLASSIFICATION IN V MED STUDENTS ONLY 
Note: COURSE RESTRICTED TO FIRST-YEAR VET MED STUDENTS 
7450005 
**MEETS: AUG 20-DEC 14**

BIOMEDICAL SCIENCE I B M S 333 5 CREDITS 
Prereq: FIRST-YEAR CLASSIFICATION IN V MED STUDENTS ONLY 
**MEETS: AUG 20-DEC 14**

MOLECULAR BASIS DISEASE B M S 335 1 CREDIT 
Prereq: COURSE RESTRICTED TO VET MED STUDENTS ONLY 
9176005 
**MEETS: AUG 20-OCT 12**

VETERINARY NUTRITION B M S 336 2 CREDITS 
Prereq: COURSE RESTRICTED TO VET MED STUDENTS ONLY 
9177005 
**MEETS: AUG 20-DEC 14**

CLINICAL FOUNDATIONS I B M S 339 1 CREDIT 
Prereq: COURSE RESTRICTED TO VET MED STUDENTS ONLY 
**MEETS: AUG 20-DEC 14**

CASE STUDY I B M S 345 1 CREDIT 
Prereq: COURSE RESTRICTED TO VET MED STUDENTS ONLY 
6018005 
**MEETS: AUG 20-DEC 14**

PHARMACOL& THERAPEUT B M S 443 3 CREDITS 
Prereq: 354 
**SEE DEPT FOR REFERENCE NUMBERS**

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

INDEP STUDY HONORS B M S 490H 1-5 CREDITS 
Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP 
**SEE DEPT FOR REFERENCE NUMBERS**

RES MTHD BIOMED SCI B M S 501 3 CREDITS 
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A M S FACULTY MEMBER 
6978005 
**MEETS: AUG 20-DEC 14**
BIOMEDICAL SCIENCES  (CONTINUED)

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

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

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

RESEARCH CELL BIOL  B M S 699D  VAR. CREDITS
Preq: ENROLLMENT IN B M S GRADUATE PROGRAM
******  SEE DEPT FOR REFERENCE NUMBERS

BIORENEWABLE RESOURCES & TECHNOLOGY

BIOREBASE PROD SEMINR BRT 506A  1 CREDIT
Preq: US TRAINING IN AN ENGR OR PHYSICAL OR BIOLOGICAL DISCIPLINE OR A DEGREE IN AG & ECONOMICS

6476005  ARRANGED  BAUGHMAN J
MEETS: AUG 20-DEC 14

6476000  XE ARRANGED  BAUGHMAN J
MEETS: AUG 20-DEC 14
Note: Section XE is off campus
Course delivery is Videostreaming

Satisfactory-Fail Only.

Note: SECTION 7 FOR SWUFE STUDENTS ONLY
MEETS: AUG 20-OCT 12

6144035  7 F 8:00-8:50
MEETS: AUG 20-DEC 14

6144030  6 R 2:10-3:00
MEETS: AUG 20-DEC 14

6144035  7 F 8:00-8:50
MEETS: AUG 20-DEC 14
Note: SECTION 7 FOR SWUFE STUDENTS ONLY

6144060  8 F 2:10-3:00
MEETS: AUG 20-DEC 14

6144045  9 F 8:00-8:50
MEETS: AUG 20-DEC 14

BUSINESS ADMINISTRATION  (CONTINUED)

EXPANDED ORIENTATION BUSAD 102  1 CREDIT
Note: CREDIT FOR EITHER BUSAD 101/101H OR BUSAD 102, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Satisfactory-Fail Only.

6245005  A M 8:00-8:50
MEETS: AUG 20-DEC 14

6245010  B W 8:00-8:50
MEETS: AUG 20-DEC 14

Note: SECTION B RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY
6245015  C F 11:00-11:50
MEETS: AUG 20-DEC 14

6245020  D P 2:10-3:00
MEETS: AUG 20-DEC 14

CMPT4 COMPUNC BUSNS BUSAD 150  R CREDIT
Note: COURSE RESRICTED TO BUSINESS COLLEGE MAJORS ONLY
Satisfactory-Fail Only.

8808005  ARRANGED
MEETS: AUG 20-DEC 14

INTRO BUS CAREERS BUSAD 201  .5 CREDIT
Preq: BUSAD 101
Note: COURSE RESTRICTED TO BUSINESS COLLEGE UNDERGRAD MAJORS ONLY
Satisfactory-Fail Only.

2705005  1 T 3:40-4:30
MEETS: AUG 20-OCT 12

2705010  2 R 3:40-4:30
MEETS: AUG 20-OCT 12

2705015  3 F 2:10-3:00
MEETS: AUG 20-OCT 12

2705020  4 F 3:10-4:00
MEETS: AUG 20-OCT 12

2705025  5 T 2:10-3:00
MEETS: OCT 15-DEC 14

2705030  6 R 2:10-3:00
MEETS: OCT 15-DEC 14

PRO EMPLOYMENT PREP BUSAD 202  .5 CREDIT
Preq: BUSAD 201
Note: COURSE RESTRICTED TO BUSINESS COLLEGE UNDERGRAD MAJORS ONLY
College permission required to add during 1st week. Go to 1200 Geradin.
Satisfactory-Fail Only.

5618005  1 M 2:10-3:00
MEETS: AUG 20-DEC 14

5618010  2 W 2:10-3:00
MEETS: AUG 20-DEC 14

5618015  3 T 3:40-4:30
MEETS: OCT 15-DEC 14

5618020  4 R 3:40-4:30
MEETS: OCT 15-DEC 14

5618025  5 F 2:10-3:00
MEETS: OCT 15-DEC 14

5618030  6 F 3:10-4:00
MEETS: OCT 15-DEC 14

INTRO TO BUSINESS BUSAD 250  3 CREDITS
Preq: BUSAD 150 OR COM S 101
Note: SECTIONS A2,B2,ETC. RESTRICTED TO BUSINESS COLLEGE UNDERGRAD MAJORS. SECTIONS A1,B1,ETC.
Note: SECTIONS A1,B1,ETC. RESTRICTED TO BUSINESS COLLEGE UNDERGRAD MAJORS. SECTIONS A2,B2,ETC.
Note: SECTIONS A2,B2,ETC. RESTRICTED TO BUSINESS COLLEGE UNDERGRAD MAJORS. SECTIONS A1,B1,ETC.

8807005  A1 MFN 10:00-10:50
MEETS: AUG 20-DEC 14

8807010  A2 MFN 10:00-10:50
MEETS: AUG 20-DEC 14

8807015  B1 MFN 9:00-9:50
MEETS: AUG 20-DEC 14

8807020  B2 MFN 9:00-9:50
MEETS: AUG 20-DEC 14

8807025  C1 MFN 2:10-3:00
MEETS: AUG 20-DEC 14

8807030  C2 MFN 2:10-3:00
MEETS: AUG 20-DEC 14

8807035  D1 MFN 1:10-2:00
MEETS: AUG 20-DEC 14

8807040  D2 MFN 1:10-2:00
MEETS: AUG 20-DEC 14

8807045  E1 TR 8:00-9:00
MEETS: AUG 20-DEC 14

8807050  E2 TR 8:00-9:00
MEETS: AUG 20-DEC 14

8807055  F1 TR 3:40-5:00
MEETS: AUG 20-DEC 14

8807060  F2 TR 3:40-5:00
MEETS: AUG 20-DEC 14

8807065  G1 MN 3:40-5:00
MEETS: AUG 20-DEC 14

8807070  G2 MN 3:40-5:00
MEETS: AUG 20-DEC 14

EXP DOMESTIC INTERN BUSAD 291A  1-3 CREDITS
Preq: WRITTEN APPROVAL OF SUPERVISOR AND DEPARTMENT CHAIR REQUIRED PRIOR TO THE LEARNING EXPERIENCE
Note: Department permission required.
Satisfactory-Fail Only.

6723015  QH ARRANGED
MEETS: AUG 20-DEC 14

6723010  RD ARRANGED
MEETS: AUG 20-DEC 14

6723005  TC ARRANGED
MEETS: AUG 20-DEC 14
BUSINESS ADMINISTRATION (CONTINUED)

ENTREPRENEURSHIP SEMINAR BUSAD 292 1 CREDIT
Prereq: PERMISSION OF DEPARTMENT
Prereq: MEMBERSHIP OR APPLIED FOR MEMBERSHIP IN ENTREPRENEURSHIP AND INNOVATION LEARNING COMMUNITY
300005 T 9:30-10:45
MEETS: AUG 20-DEC 14
BIORENEWABLE SYSTMS BUSAD 325 3 CREDITS
Prereq: ECON 101, CHEM 163 OR HIGHER, MATH 140 OR HIGHER
490005 A T 9:30-10:45
MEETS: AUG 20-DEC 14
489010 B T 9:30-10:45
MEETS: AUG 20-DEC 14
Note: SEC FD REQUIRED FOR 1 CREDIT
MEETS: AUG 20-DEC 14
Satisfactory-Fail Only.
Note: Instructor permission required.
COOPERATIVE EDUC BUSAD 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT
Satisfactory-Fail Only.
6147005 A ARRANGED
MEETS: AUG 20-DEC 14
Note: Permission of coordinator required.
INDSTudy INT’L BUS BUSAD 490A 1-3 CREDITS
Prereq: MGMT 414, MKT 448, TRLOG/LSCM 466 OR FIN 380; SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required.
3097018 A ARRANGED
MEETS: AUG 20-DEC 14
INDSTudy ENTREPREN BUSAD 490E 1-3 CREDITS
Note: COURSE ONLY OFFERED FOR CREDITS FALL 2012
Instructor permission required.
3635005 ARRANGED
MEETS: AUG 20-DEC 14
INDEPENDENT STUDY BUSAD 490G 1-3 CREDITS
Note: Instructor permission required.
3634005 ARRANGED
MEETS: AUG 20-DEC 14
INDEP STUDY HONORS BUSAD 490H 1-3 CREDITS
Prereq: ADMISSION TO THE BUSINESS HONORS PROGRAM
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
Instructor permission required.
EXP DOMESTIC INTERNS BUSAD 491A 1-3 CREDITS
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.
Instructor permission required.
Satisfactory-Fail Only.
6722015 QH ARRANGED
MEETS: AUG 20-DEC 14
6722010 RD ARRANGED
MEETS: AUG 20-DEC 14
6722020 TC ARRANGED
MEETS: AUG 20-DEC 14
EXP INT’L INTERNSHIP BUSAD 491B 1-3 CREDITS
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.
Note: Department permission required.
Satisfactory-Fail Only.
7512010 QH ARRANGED
MEETS: AUG 20-DEC 14
7512005 RD ARRANGED
MEETS: AUG 20-DEC 14
7512015 TC ARRANGED
MEETS: AUG 20-DEC 14
QUANT BUS ANALYSIS BUSAD 502 3 CREDITS
Prereq: PERMISSION IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
Note: COURSE RESTRICTED TO BUSAD MAJORS ONLY
9351005 R T 8:10-11:10
MEETS: AUG 28-NOV 16
PRO EXPERIENTL LRNG BUSAD 591 1-3 CREDITS
Prereq: GRADUATE STANDING; WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
Note: SECTION DK RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7533015 DK ARRANGED
MEETS: AUG 20-DEC 14
7533005 FD ARRANGED
MEETS: AUG 20-DEC 14
Note: SEC FD REQUIRED FOR 1 CREDIT
Department permission required.
7533010 MP ARRANGED
MEETS: AUG 20-DEC 14
Satisfactory-Fail Only.
Note: Instructor permission required.
BUSINESS ADMINISTRATION (CONTINUED)

MBA PRO SKILLS DEVE BUSAD 592 R CREDIT
Prereq: ADMISSION TO FULL-TIME MBA PROGRAM
Note: COURSE RESTRICTED TO GRADUATE BUSAD MAJORS ONLY
Satisfactory-Fail Only.
7958005 R F 9:30-10:45
MEETS: AUG 31-NOV 16
COOPERATIVE EDUCATN BUSAD 598 R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7906005 ARRANGED
MEETS: AUG 20-DEC 14
CREATIV COMP ACCTNG BUSAD 599A 3 CREDITS
Prereq: GRAD CLASSIF, PERMISN OF SUPRFVR CMRR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPFT FOR REFERENCE NUMBERS
CREATIV COMP FINANC BUSAD 599C 3 CREDITS
Prereq: GRAD CLASSIF, PERMISN OF SUPRFVR CMRR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPFT FOR REFERENCE NUMBERS
CREATV COMP MARKETING BUSAD 599F 3 CREDITS
Prereq: GRAD CLASSIF, PERMISN OF SUPRFVR CMRR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPFT FOR REFERENCE NUMBERS
CREATV COMP MANAGMT BUSAD 599E 3 CREDITS
Prereq: GRAD CLASSIF, PERMISN OF SUPRFVR CMRR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPFT FOR REFERENCE NUMBERS
CARTV COMP DONRM BUSAD 599D 3 CREDITS
Prereq: GRAD CLASSIF, PERMISN OF SUPRFVR CMRR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPFT FOR REFERENCE NUMBERS
RESEARCH BUSAD 699 3-6 CREDITS
Prereq: GRAD CLASSIF, PERMISSION OF MAJOR PROF
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPFT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING

LEARNING COMMUNITY CH E 104 R CREDIT
Prereq: ENROLLMENT IN CH E LEARNING TEAM
Satisfactory-Fail Only.
3630005 A W 3:10-4:00
MEETS: AUG 20-DEC 14
3630010 B W 1:10-2:00
MEETS: AUG 20-DEC 14
MATRL &ENERGY BALNC CH E 210 3 CREDITS
Prereq: CHEM 177, MATH 186
2429005 A MF 10:00-10:50
MEETS: AUG 20-DEC 14
2429010 B MF 11:00-1:00
MEETS: AUG 20-DEC 14
COOPERATIVE EDUC CH E 298 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPFT FOR REFERENCE NUMBERS
SEMINAR CH E 302 1 CREDIT
Prereq: JUNIOR CLASSIFICATION IN CH E
2432005 R 3:40-4:30
MEETS: AUG 20-DEC 14
COMPUT METHDS CHEM E CH E 310 3 CREDITS
Prereq: CHEM E 210 AND ENGR 180
2104005 A TR 2:10-3:30
MEETS: AUG 20-DEC 14
CHEMICAL ENGR LAB I CH E 325 2 CREDITS
Prereq: CHEM E 357, CREDIT OR ENROLLMENT IN CHE E 181
Note: Available for nonmajors: credit graduate
5699005 A TR 10:00-11:50
MEETS: AUG 20-DEC 14
5699010 B TR 12:10-2:00
MEETS: AUG 20-DEC 14
TRANSPR PHENOMEN I CH E 356 3 CREDITS
Prereq: CHEM E 210, PHYS 221, CREDIT OR ENROLLMENT IN MATH 267
Note: Available for nonmajors: credit graduate
2435005 A MF 10:00-10:50
MEETS: AUG 20-DEC 14
CHEMICAL ENGINEERING  (CONTINUED)

TRANSPRT PHENOM II  CH E 357  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CH E 310; CH E 356
Note: CREDIT FOR EITHER FS HM 351 OR THE A E 451
AND CH E 357 PAIR OF COURSES, BUT NOT BOTH, MAY
BE APPLIED TOWARD GRADUATION
Available for nonmajor graduate credit

2436005  A MW 1:10-2:00
MEETS: AUG 20-DEC 14

SEPARATIONS  CH E 358  3 CREDITS
Prereq: CH E 310, CH E 357
Note: Available for nonmajor graduate credit

2437005  A MW 1:10-2:00
MEETS: AUG 20-DEC 14

CH E THERMODYNAMICS  CH E 381  3 CREDITS
Prereq: CH E 310; MATH 267, PHYS 222, CHEM 325
Note: Available for nonmajor graduate credit

2438005  A MW 9:00-9:50
MEETS: AUG 20-DEC 14

ENGINEER INTERNSHIP  CH E 397  R CREDIT
Prereq: PERMISSION OF DEPARTMENT EACH TIME TAKEN
***** SEE DEPT FOR REFERENCE NUMBERS

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

ENVIR CHEMODYNAMICS  CH E 406  3 CREDITS
Prereq: CH E 381, CREDIT OR ENROLLMENT IN CH E 350
Note: Available for nonmajor graduate credit

4532005  A MW 12:10-1:00
MEETS: AUG 20-DEC 14

SURFAC&COLLOID CHEM  CH E 408  3 CREDITS
Prereq: CH E 381 OR EQUIVALENT
Note: Available for nonmajor graduate credit

2106005  A MW 11:00-11:50
MEETS: AUG 20-DEC 14

PROCESS CONTROL  CH E 421  3 CREDITS
Prereq: CH E 358, CH E 382, MATH 267
Note: Available for nonmajor graduate credit

2447005  A TR 12:40-2:00
MEETS: AUG 20-DEC 14

CHEMICAL ENGR LAB II  CH E 426  2 CREDITS
Prereq: CH E 325, CH E 358, CH E 382
Note: CREDIT RESTRICTED TO CH E SENIORS GRADING F'12
CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH,
MAY BE APPLIED TOWARD GRADUATION
Available for nonmajor graduate credit
Instructor permission required 1st week.

2448005  A T 2:10-6:00PM
MEETS: AUG 20-DEC 14

2448010  B R 2:10-6:00PM
MEETS: AUG 20-DEC 14

PROCESS & PLANT DESIGN  CH E 430  4 CREDITS
Prereq: CH E 358, CH E 382
Note: Available for nonmajor graduate credit

2449005  A TR 9:00-9:50
MEETS: AUG 20-DEC 14

UG RESEARCH/IND STUDY  CH E 490  1-6 CREDITS
Prereq: PERMISSION OF DEPARTMENT
Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE
APPLIED TOWARD GRADUATION AS TECHNICAL ELECTIVES
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS  CH E 490H  1-6 CREDITS
Prereq: MEMBERSHIP IN THE HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE
APPLIED TOWARD GRADUATION AS TECHNICAL ELECTIVES.
RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS
PROGRAM ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

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

CHEMICAL ENGINEERING  (CONTINUED)

ENVIR CHEMODYNAMICS  CH E 506  3 CREDITS
Prereq: CH E 500, CREDIT OR ENROLLMENT IN CH E 358

2080005  A MF 12:10-1:00
MEETS: AUG 20-DEC 14

SURFAC &COLLOID CHEM  CH E 508  3 CREDITS
Prereq: CH E 358, MATH 267

2135005  A MW 10:00-11:50
MEETS: AUG 20-DEC 14

ANALYT & NUMERIC METHOD  CH E 545  3 CREDITS
Prereq: CH E 358, MATH 267

2463005  A MF 2:10-3:00
MEETS: AUG 20-DEC 14

TRANSPORT PHENOMENA  CH E 554  4 CREDITS
Prereq: CH E 357, CH E 381, MATH 267

8238005  MTWF 9:00-9:50
MEETS: AUG 20-DEC 14

ADV THERMODYNAMICS  CH E 583  3 CREDITS

2467005  A TR 2:10-3:30
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY  CH E 590  2-6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  CH E 599  VAR. CREDITS

2478005  A ARRANGED
MEETS: AUG 20-DEC 14

SEMINAR  CH E 601  R CREDIT

2479005  A R 11:00-11:50
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY  CH E 692  2-6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP  CH E 697  R CREDIT
Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF

2116005  ARRANGED
MEETS: AUG 20-DEC 14

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

CHEMISTRY

COLLEGE CHEM PREP  CHEM 50  0 CREDITS
Prereq: ONE YEAR OF HIGH SCHOOL ALGEBRA
Note: DEVELOPMENTAL CHEM FEE APPLIES. SEE TUITION AND
FEES WEBSITE FOR MORE INFORMATION ON FEE. CREDIT FOR
CHEM 50 DOES NOT APPLY TOWARD GRADUATION.

4523005  1 MF 10:00-10:50
W 9:00-9:50
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem50/
Syllabus: http://avogadro.chem.iastate.edu/chem50

4523010  2 MF 10:00-10:50
W 11:00-11:50
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem50/
Syllabus: http://avogadro.chem.iastate.edu/chem50

4523015  3 MF 10:00-10:50
W 12:00-12:50
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem50/
Syllabus: http://avogadro.chem.iastate.edu/chem50

4523020  4 MF 10:00-10:50
W 13:00-13:50
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem50/
Syllabus: http://avogadro.chem.iastate.edu/chem50

4523025  5 MF 10:00-10:50
W 1:00-1:50
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem50/
Syllabus: http://avogadro.chem.iastate.edu/chem50

4523030  6 MF 10:00-10:50
W 2:00-2:50
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem50/
Syllabus: http://avogadro.chem.iastate.edu/chem50

4523035  7 MTWF 2:10-3:00
MEETS: OCT 15-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem50/
Syllabus: http://avogadro.chem.iastate.edu/chem50

Syllabus: http://avogadro.chem.iastate.edu/chem50
<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Syllabus</th>
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<tbody>
<tr>
<td>2490005</td>
<td>1 T 11:00-12:15</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>Syllabus: <a href="http://avogadro.chem.iastate.edu/chem163l">http://avogadro.chem.iastate.edu/chem163l</a></td>
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<td>2489805</td>
<td>1 1 T 11:00-12:15</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>Syllabus: <a href="http://avogadro.chem.iastate.edu/chem163l">http://avogadro.chem.iastate.edu/chem163l</a></td>
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<td>2490025</td>
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<td>MEETS: AUG 20-DEC 14</td>
<td>Section info: <a href="http://avogadro.chem.iastate.edu">http://avogadro.chem.iastate.edu</a></td>
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<td>2490025</td>
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<td>MEETS: AUG 20-DEC 14</td>
<td>Section info: <a href="http://avogadro.chem.iastate.edu">http://avogadro.chem.iastate.edu</a></td>
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<td>24899010</td>
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<td>MEETS: AUG 20-DEC 14</td>
<td>Syllabus: <a href="http://avogadro.chem.iastate.edu/chem163l">http://avogadro.chem.iastate.edu/chem163l</a></td>
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<td>A MWF 8:00-8:50</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>Syllabus: <a href="http://avogadro.chem.iastate.edu/chem163l">http://avogadro.chem.iastate.edu/chem163l</a></td>
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<td>24899005</td>
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ENGIR GEN CHEM LAB  CHEM 167L  1 CREDIT

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CHEMISTRY  (CONTINUED)
### CHEMISTRY

#### GENERAL CHEMISTRY I

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**Note:** SEC 32 RESTRICTED TO CHEM, AGBIO, BIOCH, BIOPH MAJORS.

### CHEMISTRY (CONTINUED)

#### LAB GENERAL CHEM I

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**Prereq:** CREDIT OR ENROLLMENT IN 177

**Note:** CHEM 177L MUST BE ACCOMPANYING CHEM 177 unless student already has credit in 177. Credit for only one of the following courses may be applied toward graduation: Chem 163L, CHEM 167L, CHEM 177L, or CHEM 177N, CHEM 201L.

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**Syllabus:** [http://avogadro.chem.iastate.edu/chem177l](http://avogadro.chem.iastate.edu/chem177l)

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**Section info:** [http://avogadro.chem.iastate.edu](http://avogadro.chem.iastate.edu)

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**Syllabus:** [http://avogadro.chem.iastate.edu/chem177l](http://avogadro.chem.iastate.edu/chem177l)

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**LAB GENERAL CHEM I**  CHEM 177L  1 CREDIT

**GENERAL CHEMISTRY II**  CHEM 178  3 CREDITS

Prereq: CHEM 167L, CHEM 177L

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 167, CHEM 177, CHEM 177N, CHEM 211.

RESTRICTED TO CHEM, BIOCH, AGBIO MAJORS ONLY.

Note: TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED

LAB GENERAL CHEM I  CHEM 177N  1 CREDIT

Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 177 FOR CHEMISTRY AND BIOCHEMISTRY MAJORS

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 167, CHEM 177, CHEM 177N, CHEM 211.

RESTRICTED TO CHEM, BIOCH, AGBIO MAJORS ONLY.

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 167, CHEM 177, CHEM 177N, CHEM 211.

RESTRICTED TO CHEM, BIOCH, AGBIO MAJORS ONLY.

Note: TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED

LAB GENERAL CHEM I  CHEM 177L  1 CREDIT

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l

MEETS: AUG 20-DEC 14

**Syllabus:** http://avogadro.chem.iastate.edu/chem177l
### FALL 2012

#### CHEMISTRY

**GENERAL CHEMISTRY II**  CHEM 178  3 CREDITS  
Section info: http://avogadro.chem.iastate.edu/chem178  
Syllabus: http://avogadro.chem.iastate.edu/chem178/syllabus.html

<table>
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**LAB GENERAL CHEM II**  CHEM 178L  1 CREDIT  
Prereq: CHEM 177L and CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 178  
Section info: http://avogadro.chem.iastate.edu/chem178l  
Syllabus: http://avogadro.chem.iastate.edu/chem178l/syllabus.html

<table>
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**ADV GENERAL CHEM**  CHEM 201  5 CREDITS  
Prereq: MATH 140 OR HIGH SCHOOL EQUIVALENT, ONE YEAR OF HIGH SCHOOL CHEMISTRY, AND ONE YEAR HIGH SCHOOL PHYSICS OR ADVANCED CHEMISTRY, CO-ENROLLMENT IN 201.  
Note: FOR CHEMISTRY MAJORS - OTHERS BY PERMISSION OF INSTRUCTOR. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201.  
Section info: http://avogadro.chem.iastate.edu/chem201  
Syllabus: http://avogadro.chem.iastate.edu/chem201/syllabus.html

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**LAB ADV GENRL CHEM**  CHEM 201L  1 CREDIT  
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 201  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 201L  
Section info: http://avogadro.chem.iastate.edu/chem201l  
Syllabus: http://avogadro.chem.iastate.edu/chem201l/syllabus.html

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**QUANTENVIR ANALYS CHEM**  CHEM 211  2 CREDITS  
Prereq: 163 AND 163L, CREDIT OR ENROLLMENT IN 178, OR 201 AND 201L, AND CONCURRENT ENROLLMENT IN 211L  
Section info: http://avogadro.chem.iastate.edu/chem211  
Syllabus: http://avogadro.chem.iastate.edu/chem211/syllabus.html

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**ELEM ORGANIC CHEM**  CHEM 231  3 CREDITS  
Prereq: 163, 163L, OR 177L; CR OR ENR IN 211L  
Note: CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231 (AND 231L) OR CHEM 331 (AND 331L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
Section info: http://avogadro.chem.iastate.edu/chem231  
Syllabus: http://avogadro.chem.iastate.edu/chem231/syllabus.html

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**ELEM ORGNC CHEM LAB**  CHEM 231L  1 CREDIT  
Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 231; 163L OR 177L  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L  
Section info: http://avogadro.chem.iastate.edu/chem231l  
Syllabus: http://avogadro.chem.iastate.edu/chem231l/syllabus.html

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### CHEMISTRY (CONTINUED)

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<td>ELEM ORGNC CHEM LAB</td>
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<td>1 CREDIT</td>
<td>CHEM 178, MATH 166, PHYS 222 RECOMMENDED</td>
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MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem231l
Syllabus: http://avogadro.chem.iastate.edu/chem231l

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<td>CHEM 325</td>
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MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem325
Syllabus: http://avogadro.chem.iastate.edu/chem325

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<td>ORGANIC CHEM I</td>
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<td>ORGANIC CHEM I</td>
<td>3 CREDITS</td>
<td>CHEM 178, CHEM 201, ENROLLMENT IN CHEM 331L HIGHLY RECOMMENDED</td>
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MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem331
Syllabus: http://avogadro.chem.iastate.edu/chem331

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<td>VAR. CREDITS</td>
<td>STUDENT PROPOSES TO WORK</td>
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MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem299
Syllabus: http://avogadro.chem.iastate.edu/chem299

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<td>INSTRNMTL MTH ANALY</td>
<td>2 CREDITS</td>
<td>CHEM 178, MATH 166, AND CONCURRENT ENROLLMENT IN 316L, PHYS 222 RECOMMENDED</td>
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MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem316
Syllabus: http://avogadro.chem.iastate.edu/chem316

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<td>INTR QUANTUM MECHAN</td>
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MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem324
Syllabus: http://avogadro.chem.iastate.edu/chem324

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MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu/chem331l
Syllabus: http://avogadro.chem.iastate.edu/chem331l
CHEMISTRY (CONTINUED)

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
Prereq: CHEM 331L, CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 331L
Note: RESTRICTED TO CHEM, BIOCH, BIOPH, AGBIO MAJORS.
CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 331L, CHEM 331L, CHEM 333L.
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html
5270005 11 R 12:10-9:50
MEETS: AUG 20-DEC 14
R 10:00-11:50
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem331l/
/Syllabus.html
5270006 10 R 12:10-1:00
MEETS: AUG 20-DEC 14
R 11:00-3:00
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem331l/
/Syllabus.html
5270007 10 M 6:10-7:00PM
MEETS: AUG 20-DEC 14
M 7:10-9:00PM
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem331l/
/Syllabus.html
5270008 15 R 6:10-7:00PM
R 7:10-9:00PM
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem331l/
/Syllabus.html

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
Prereq: CHEM 332L, CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 332L
Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/exams/nitexam.html.
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html
5272005 1 T 3:10-4:00
R 4:10-6:00PM
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem332l/
/Syllabus.html
5272006 15 R 3:10-4:00
R 4:10-6:00PM
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem332l/
/Syllabus.html
5272007 14 M 6:10-7:00PM
W 7:10-9:00PM
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem332l/
/Syllabus.html
5272008 16 R 6:10-7:00PM
R 7:10-9:00PM
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem332l/
/Syllabus.html

ORGANIC CHEMISTRY II CHEM 333 3 CREDITS
Prereq: CHEM 333, ENROLLMENT IN CHEM 332L HIGHLY RECOMMENDED
Note: Available for nonmajor graduate credit
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html
2517005 1 MW 9:00-9:50
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem332l/
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5272005 1 T 3:10-4:00
R 4:10-6:00PM
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem332l/
/Syllabus.html
5272010 2 W 12:10-1:00
W 1:10-3:00
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem332l/
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5272015 3 R 3:10-4:00
R 4:10-6:00PM
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem332l/
/Syllabus.html
5272020 4 R 6:10-7:00PM
W 7:10-9:00PM
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/chem332l/
/Syllabus.html

CHEMISTRY (CONTINUED)

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

INORGANIC CHEM LAB CHEM 401L 1 CREDIT
Prereq: 301
Note: Available for nonmajor graduate credit
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html
2524005 1 TR 12:10-3:00
MEETS: AUG 20-OCT 12
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html
2524010 2 TR 3:10-6:00PM
MEETS: AUG 20-OCT 12
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html

ADV INORGANIC CHEM CHEM 402 3 CREDITS
Prereq: 301; 331 RECOMMENDED
Note: Available for nonmajor graduate credit
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html
2525005 1 TR 9:30-10:50
MEETS: AUG 20-DEC 14
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html

INDEPENDENT STUDY CHEM 490 VAR. CREDITS
Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATION CHEM 498 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4841005 ARRANGED
MEETS: AUG 20-DEC 14

SPECIAL STUDIES CHEM 499 VAR. 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 CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INORGANIC PREPARATNS CHEM 501L 1 CREDIT
Prereq: 402
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html
2530005 1 TR 12:10-3:00
MEETS: OCT 15-DEC 14

ADV INORGANIC CHEM CHEM 502 3 CREDITS
Prereq: CHEM 301; CHEM 331 RECOMMENDED
8155005 1 TR 9:30-10:50
MEETS: AUG 20-DEC 14

ADV QUANT ANALYSIS CHEM 511 3 CREDITS
Prereq: 316, 316L, 324, 322L
2536005 MWF 8:00-8:50
MEETS: AUG 20-DEC 14

ANALYTIC SEPARATION CHEM 516 3 CREDITS
Prereq: 316; 316L, 324; 322L
2539005 MWF 10:00-10:50
MEETS: AUG 20-DEC 14

ORGANIC SYNTHESI II CHEM 532 2 CREDITS
Prereq: 311
9501005 MF 9:00-9:50
MEETS: AUG 20-DEC 14

PHYS ORGANIC CHEM I CHEM 537 3 CREDITS
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html
2540205 A MW 1:30-3:00
MEETS: AUG 20-DEC 14

FUND QUANTM MECHANC CHEM 561 4 CREDITS
Prereq: 324
2548005 MW 10:00-11:50
MEETS: AUG 20-DEC 14

SPECTRO ID ORG CMPD CHEM 571 3 CREDITS
Prereq: 301; 331 RECOMMENDED
Section info: http://avogadro.chem.iastate.edu
/Syllabus.html
2555005 TR 2:10-3:00
S 10:00-11:50
MEETS: AUG 20-DEC 14
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<td>KINETICS &amp; MECHANISMS</td>
<td>CHEM 578</td>
<td>2 CREDITS</td>
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<td>CHEM 580</td>
<td>3 CREDITS</td>
<td>Prereq: 324</td>
<td>8438005</td>
<td>TR 9:30-10:50</td>
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<tr>
<td>CHEMISTRY</td>
<td>CHEMICAL GROUP THRY</td>
<td>CHEM 583</td>
<td>1 CREDIT</td>
<td>Prereq: 324</td>
<td>5657005</td>
<td>A 11:00-11:50</td>
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<tr>
<td>CHEMISTRY</td>
<td>INDEPENDENT RESEARCH</td>
<td>CHEM 599</td>
<td>VAR. CREDITS</td>
<td>Prereq: PERMISSION OF INSTRUCTOR</td>
<td><strong>NOTE:</strong> SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>CHEMISTRY</td>
<td>SEMINR INORGNC CHEM</td>
<td>CHEM 600</td>
<td>1 CREDIT</td>
<td>Prereq: PERMISSION OF INSTRUCTOR</td>
<td>2563005</td>
<td>W 10:00-11:00</td>
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<td>CHEMISTRY</td>
<td>SEMINR ANALYTIC CHEM</td>
<td>CHEM 611</td>
<td>1 CREDIT</td>
<td>Prereq: PERMISSION OF INSTRUCTOR</td>
<td>2565005</td>
<td>F 10:30-12:30</td>
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<td>CHEMISTRY</td>
<td>SEMINR ORGANIC CHEM</td>
<td>CHEM 631</td>
<td>1 CREDIT</td>
<td>Prereq: PERMISSION OF INSTRUCTOR</td>
<td>2566005</td>
<td>TR 1:10-3:30</td>
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<td>CHEMISTRY</td>
<td>SELECT TOP ORG CHEM</td>
<td>CHEM 632</td>
<td>1-2 CREDITS</td>
<td>Prereq: 537</td>
<td>2567005</td>
<td>T 4:10-5:00</td>
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<td>CHEMISTRY</td>
<td>SEMINR PHYSICAL CHEM</td>
<td>CHEM 660</td>
<td>1 CREDIT</td>
<td>Prereq: PERMISSION OF INSTRUCTOR</td>
<td>2568005</td>
<td>F 4:10-5:30</td>
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<td>CHEMISTRY</td>
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<td>CHEM 699</td>
<td>VAR. CREDITS</td>
<td>Prereq: PERMISSION OF INSTRUCTOR</td>
<td><strong>NOTE:</strong> SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>CHINESE</td>
<td>ELEM MAND CHINESE</td>
<td>CHIN 101</td>
<td>5 CREDITS</td>
<td></td>
<td>7373005</td>
<td>MTWRF 9:00-9:50</td>
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<td>CHINESE</td>
<td>ELEM MAND CHINES</td>
<td>CHIN 201</td>
<td>5 CREDITS</td>
<td>Prereq: 102</td>
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<td>CHINESE</td>
<td>ADV CHINESE READ</td>
<td>CHIN 301</td>
<td>3 CREDITS</td>
<td>Prereq: 202 OR EQUIVALENT</td>
<td>6636005</td>
<td>TR 2:10-3:30</td>
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<td>CHINESE</td>
<td>CHINESE LIT IN ENGL</td>
<td>CHIN 370</td>
<td>3 CREDITS</td>
<td></td>
<td>8179005</td>
<td>MW 3:30-5:00</td>
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<td>CHINESE</td>
<td>CHINESE TEXTS</td>
<td>CHIN 403</td>
<td>3 CREDITS</td>
<td>Prereq: 302 OR EQUIVALENT</td>
<td>9066005</td>
<td>TR 7:00-8:30</td>
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<td>CHINESE</td>
<td>INDEPENDENT STUDY</td>
<td>CHIN 490</td>
<td>1-6 CREDITS</td>
<td>Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR</td>
<td>2904005</td>
<td>1 M 4:10-5:00</td>
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<td>CIVIL ENGINEERING</td>
<td>TECHNICAL LECTURE</td>
<td>CIE 101</td>
<td>R CREDIT</td>
<td>SATISFACTORY-FAIL ONLY</td>
<td>2904010</td>
<td>2 M 5:10-6:00PM</td>
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<tr>
<td>CIVIL ENGINEERING</td>
<td>ENGR PROB CMPT LAB</td>
<td>CIE 160</td>
<td>3 CREDITS</td>
<td>Prereq: MATH 141, 142 OR SATISFACTORY SCORED ON MATH PLACEMENT EXAMS; OR ENRLMT IN MATH 145</td>
<td>2911005</td>
<td>1 M 5:10-6:00PM</td>
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<td>CIVIL ENGINEERING</td>
<td>INTRO CIVIL ENG PRO</td>
<td>CIE 105</td>
<td>1 CREDIT</td>
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<td>3515005</td>
<td>1 TR 8:00-9:50</td>
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<td>CIVIL ENGINEERING</td>
<td>FUND OF SURVEYING</td>
<td>CIE 111</td>
<td>3 CREDITS</td>
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<td>7242005</td>
<td>1 MP 2:10-3:00</td>
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<td>CIVIL ENGINEERING</td>
<td>ENGR PROB CMPUT LAB</td>
<td>CIE 160</td>
<td>3 CREDITS</td>
<td>Prereq: MATH 141, 142 OR SATISFACTORY SCORED ON MATH PLACEMENT EXAMS; OR ENRLMT IN MATH 145</td>
<td>2911005</td>
<td>1 M 5:10-6:00PM</td>
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<tr>
<td>CIVIL ENGINEERING</td>
<td>INTRO CIVIL ENG PRO</td>
<td>CIE 105</td>
<td>1 CREDIT</td>
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<td>3515005</td>
<td>1 TR 8:00-9:50</td>
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<td>CIVIL ENGINEERING</td>
<td>INTRO CIVIL ENG PRO</td>
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<td>1 CREDIT</td>
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<td>1 TR 8:00-9:50</td>
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<td>CIVIL ENGINEERING</td>
<td>ENGR PROB CMPUT LAB</td>
<td>CIE 160</td>
<td>3 CREDITS</td>
<td>Prereq: MATH 141, 142 OR SATISFACTORY SCORED ON MATH PLACEMENT EXAMS; OR ENRLMT IN MATH 145</td>
<td>2911005</td>
<td>1 M 5:10-6:00PM</td>
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<td>CIVIL ENGINEERING</td>
<td>INTRO CIVIL ENG PRO</td>
<td>CIE 105</td>
<td>1 CREDIT</td>
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<td>1 TR 8:00-9:50</td>
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<td>CIVIL ENGINEERING</td>
<td>ECON ANALY &amp; PRO ISSU</td>
<td>CIE 206</td>
<td>3 CREDITS</td>
<td>Prereq: MATH 151, 155; CREDIT OR ENRLMT IN CIE 105</td>
<td>1915005</td>
<td>1 MW 10:00-11:50</td>
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<td>CIVIL ENGINEERING</td>
<td>COOPERATIVE EDUC</td>
<td>CIE 298</td>
<td>R CREDIT</td>
<td>Prereq: PERMISSION OF DEPT &amp; ENGR CAREER SERVICES</td>
<td><strong>NOTE:</strong> SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>CIVIL ENGINEERING</td>
<td>PROJECT MGMT CIE</td>
<td>CIE 306</td>
<td>3 CREDITS</td>
<td>Prereq: 204, CREDIT OR ENROLLMENT IN A TECHNICAL COMMUNICATION ELECTIVE FROM THE APPROVED DEPT LIST</td>
<td>4943005</td>
<td>1 MW 3:10-4:00</td>
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<td>CIVIL ENGINEERING</td>
<td>COOPERATIVE EDUC</td>
<td>CIE 298</td>
<td>R CREDIT</td>
<td>Prereq: PERMISSION OF DEPT &amp; ENGR CAREER SERVICES</td>
<td><strong>NOTE:</strong> SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>CIVIL ENGINEERING</td>
<td>PROJECT MGMT CIE</td>
<td>CIE 306</td>
<td>3 CREDITS</td>
<td>Prereq: 204, CREDIT OR ENROLLMENT IN A TECHNICAL COMMUNICATION ELECTIVE FROM THE APPROVED DEPT LIST</td>
<td>4943005</td>
<td>1 MW 3:10-4:00</td>
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<td>CIVIL ENGINEERING</td>
<td>COOPERATIVE EDUC</td>
<td>CIE 298</td>
<td>R CREDIT</td>
<td>Prereq: PERMISSION OF DEPT &amp; ENGR CAREER SERVICES</td>
<td><strong>NOTE:</strong> SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>CIVIL ENGINEERING</td>
<td>PROJECT MGMT CIE</td>
<td>CIE 306</td>
<td>3 CREDITS</td>
<td>Prereq: 204, CREDIT OR ENROLLMENT IN A TECHNICAL COMMUNICATION ELECTIVE FROM THE APPROVED DEPT LIST</td>
<td>4943005</td>
<td>1 MW 3:10-4:00</td>
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<tr>
<td>CIVIL ENGINEERING</td>
<td>COOPERATIVE EDUC</td>
<td>CIE 298</td>
<td>R CREDIT</td>
<td>Prereq: PERMISSION OF DEPT &amp; ENGR CAREER SERVICES</td>
<td><strong>NOTE:</strong> SEE DEPT FOR REFERENCE NUMBERS</td>
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</table>
CIVIL ENGINEERING  

PRIN ENVIRONMT ENGR C E 326 3 CREDITS  
Prereq: CHEM 177 OR 178, MATH 166, CREDIT OR ENROLLMENT IN E M 378  
Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES  
Available for nonmajor graduate credit

2284005  
1 MF 1:10-2:00  
W 1:10-2:00  
MEETS: AUG 20-DEC 14  
2284010  
2 MF 1:10-2:00  
F 1:10-2:00  
MEETS: AUG 20-DEC 14  
2284600  
XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Section XE is off campus  
Course delivery is Videostreaming

STRUCTURAL ANALYSIS I C E 332 3 CREDITS  
Prereq: E M 324  
Note: Available for nonmajor graduate credit  
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/exams/nitexam.html.

2285005  
1 MF 11:00-12:00  
MEETS: AUG 20-DEC 14  
2285010  
2 MF 11:00-12:00  
F 11:00-12:00  
MEETS: AUG 20-DEC 14  
2285015  
3 MF 12:10-1:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14  
2285020  
4 MF 12:10-1:00  
F 12:10-1:00  
MEETS: AUG 20-DEC 14  

STRUCT STEEL DSGN I C E 333 3 CREDITS  
Prereq: 332, E M 327  
Note: Available for nonmajor graduate credit  
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/exams/nitexam.html.

2286005  
1 MF 11:00-12:00  
R 11:00-12:00  
MEETS: AUG 20-DEC 14  
2286010  
2 MF 11:00-12:00  
P 11:00-12:00  
MEETS: AUG 20-DEC 14  

REIN CONCRETE DSN I C E 334 3 CREDITS  
Prereq: 332, E M 327  
Note: Available for nonmajor graduate credit  
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/exams/nitexam.html.

2287005  
1 MF 12:10-1:00  
W 12:10-1:00  
MEETS: AUG 20-DEC 14  
2287010  
2 MF 12:10-1:00  
P 12:10-1:00  
MEETS: AUG 20-DEC 14  

PRIN TRANSPORTN ENG C E 355 3 CREDITS  
Prereq: 111, 206, PHYS 221, COURSE IN STAT FROM THE APPROVED DEPARTMENTAL LIST  
Note: COURSE RESTRICTED TO C E JUNIORS AND ABOVE.  

2292005  
1 MF 1:10-2:00  
W 1:10-2:00  
MEETS: AUG 20-DEC 14  

GEOTECHNICL ENGRNG C E 360 3 CREDITS  
Prereq: E M 324, CREDIT OR ENROLLMENT IN GEOL 221  
Note: COURSE RESTRICTED TO ENGINEERING COLLEGE MAJORS  
Available for nonmajor graduate credit  
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/exams/nitexam.html.

2291005  
1 MF 12:10-1:00  
T 12:10-1:00  
MEETS: AUG 20-DEC 14  
2291010  
2 MF 12:10-1:00  
T 12:10-1:00  
MEETS: AUG 20-DEC 14  
2291015  
3 MF 12:10-1:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14  
2291020  
4 MF 12:10-1:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14  
2291025  
5 MF 12:10-1:00  
R 12:10-1:00  
MEETS: AUG 20-DEC 14  
2291030  
6 MF 12:10-1:00  
W 12:10-1:00  
MEETS: AUG 20-DEC 14  
2293005  
1 MF 1:10-2:00  
MEETS: AUG 20-DEC 14  

DSGN PORTLAND CEMENT C E 383 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 360.  
FOR CON E STUDENTS ONLY.

9480005  
1 T 3:10-4:00  
MEETS: AUG 20-DEC 14  
9480010  
2 R 3:10-4:00  
MEETS: AUG 20-DEC 14  

SUSTNBL ENERGY DEV C E 388 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION IN ENGINEERING  
Note: Meets international perspectives reqmt

8096005  
A1 MW 3:10-4:00  
MEETS: AUG 20-DEC 14  
8096010  
A2 MW 3:10-4:00  
MEETS: AUG 20-DEC 14

ENVIRONMENTAL ENGINEERING (CONTINUED)
CIVIL ENGINEERING  (CONTINUED)

URB TRANSPT BLN MOD  C E  451  3 CREDITS
Prereq: 350 OR 355
Note: Available for nonmajor graduate credit
2301005  1 MW  8:00-8:50
10:00-11:50
MEETS: AUG 20-DEC 14
Section info: http://www.ctre.iastate.edu/educweb
/cce451/451.htm

HIGHWAY DESIGN  C E  453  3 CREDITS
Prereq: 350, 355, 374, 382
Note: Available for nonmajor graduate credit
2302005  1 MW  9:00-9:50
R  2:10-4:00
MEETS: AUG 20-DEC 14
2302010  2 MWF  9:00-9:50
R  4:10-6:00PM
MEETS: AUG 20-DEC 14

FOUNDATION ENGINEER  C E  460  3 CREDITS
Prereq: 360
Note: Available for nonmajor graduate credit
2303005  1 MWF  2:10-3:00
MEETS: AUG 20-DEC 14

GEO MATERIAL STABILIZ  C E  467  3 CREDITS
Prereq: 372
Note: Available for nonmajor graduate credit
1937005  1 MW  10:00-10:50
MEETS: AUG 20-DEC 14
1937600  XE ARRANGED

GRNDR WATER HYDROLOGY  C E  473  3 CREDITS
Prereq: 360
9166005  1 ARRANGED
MEETS: AUG 20-DEC 14

PAVEMENT ANLYS&DSGN  C E  483  3 CREDITS
Prereq: 382, 360
Note: Available for nonmajor graduate credit
7748005  1 ARRANGED
MEETS: AUG 20-DEC 14

ADV DSIGN CONCRETES  C E  484  3 CREDITS
Prereq: 382
Note: Available for nonmajor graduate credit
9167005  1 F  10:00-11:50
T  8:00-10:50
MEETS: AUG 20-DEC 14

CIVIL ENGNIER DESIGN  C E  485  3 CREDITS
Prereq: C E 306, C E 326, C E 333 OR C E 334, C E 355, SF CM 212
Note: COURSE RESTRICTED TO STUDENTS GRADUATING FALL 2012
2131005  1 MF 12:10-1:00
T 11:00-1:00
MEETS: AUG 20-DEC 14
2131010  2 MF 12:10-1:00
T 11:00-3:00
MEETS: AUG 20-DEC 14
2131015  3 MF 12:10-1:00
T 3:10-5:00
MEETS: AUG 20-DEC 14

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

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

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

PRECONSTR ENGR AMGT  C E  501  3 CREDITS
Prereq: CON E 221, 421
8714005  1 M  6:10-9:00PM
MEETS: AUG 20-DEC 14
8714600  XE ARRANGED
Note: LIVE VIEWING AVAILABLE M 6:10-9 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

CIVIL ENGINEERING  (CONTINUED)

CONSTR ENGR&MANAGMT  C E  502  3 CREDITS
Prereq: CON E 221, 421
8715005  1 M  3:10-6:40
MEETS: AUG 20-DEC 14

CONST MGMT FUNCTIONS  C E  503  3 CREDITS
Prereq: CON E 421
8717005  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE M 6:10-9 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

BIOPROCES&BIOPRODCT  C E  511  3 CREDITS
Prereq: A E 216 OR EQUIV; MATH 160 OR 165;
ONE OF CHEM 167 OR HIGHER, BIOL 173 OR 211 OR HIGHER
MEETS: AUG 20-DEC 14

ENVIRONMT ENGR CHEM  C E  520  3 CREDITS
Prereq: CHEM 177, 178, MATH 166
2318005  1 WF  11:00-1:00
R  3:10-6:00PM
MEETS: AUG 20-DEC 14
2318600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE W 11-11:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

ENVIRON BIOTECNOLOG  C E  521  3 CREDITS
Prereq: 362
2319005  1 T  9:00-10:50
R  9:00-10:50
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~tge/courses/cce521/homepage.html
2319600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE TR 9-10:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

SOLID WASTE MANAGMT  C E  527  3 CREDITS
Prereq: 362
8955005  1 ARRANGED
MEETS: AUG 20-DEC 14

STRUCTR ANALYSIS II  C E  532  3 CREDITS
Prereq: 332
2325005  1 W  10:00-11:50
F 10:00-10:50
MEETS: AUG 20-DEC 14

STRUCT STEEL DSN II  C E  533  3 CREDITS
Prereq: 333
2331005  1 MW  12:10-1:00
F 10:00-10:50
MEETS: AUG 20-DEC 14

REIN CONCR DESIGN II  C E  534  3 CREDITS
Prereq: 334
2333005  1 MW  6:00-7:45PM
MEETS: AUG 20-DEC 14

PRESTRESS CONCR STR  C E  535  3 CREDITS
Prereq: 334
2328005  1 T  4:10-5:00
F 11:00-12:15
MEETS: AUG 20-DEC 14

DYN ANLYS OF STRUCT  C E  541  3 CREDITS
Prereq: E M 345 and CREDIT OR ENROLLMENT IN C E 532
2327005  1 TR  9:30-10:45
MEETS: AUG 20-DEC 14

SEISMIC DESIGN  C E  545  3 CREDITS
Prereq: 333, C E 334
8041005  1 TR  10:00-11:15
MEETS: AUG 20-DEC 14

PLATE 4SLAB STRUCTU  C E  547  3 CREDITS
Prereq: 334, E M 514, MATH 266
2332005  1 ARRANGED
MEETS: AUG 20-DEC 14

URB TRANSPT PLN MOD  C E  551  3 CREDITS
Prereq: 350 OR 355
2208005  1 MW  8:00-8:50
T 10:00-11:50
MEETS: AUG 20-DEC 14
Section info: http://www.ctre.iastate.edu/educweb/cce451/451.htm
CIVIL ENGINEERING (CONTINUED)

TRAFFIC ENGINEERING C E 553 3 CREDITS
Prereq: 355
2336005 1 ARRANGED MEETS: AUG 20-DEC 14

TRANSP SYST DEV LAB C E 558 3 CREDITS
Prereq: 350 OR 355
2339005 1 ARRANGED MEETS: AUG 20-DEC 14

TRANSP INFRASTR MGT C E 559 3 CREDITS
Prereq: 355 OR 453, 482
7776005 1 ARRANGED MEETS: AUG 20-DEC 14

FUND SOIL MECHANICS C E 560 3 CREDITS
Prereq: 360
2340005 1 MWF 8:00-8:50 MEETS: AUG 20-DEC 14

SITE EVAL FOR PROJ C E 562 3 CREDITS
Prereq: 360
4871005 1 ARRANGED MEETS: AUG 20-DEC 14

EXPTL MTHDS GEOENG C E 563 3 CREDITS
Prereq: 360
5146005 1 ARRANGED MEETS: AUG 20-DEC 14

FUND GEOMATS BEHAV C E 565 3 CREDITS
Prereq: 360
2351005 1 ARRANGED MEETS: AUG 20-DEC 14

GEOMATERIAL STABILIZ C E 567 3 CREDITS
Prereq: 360, 365
1945005 1 ARRANGED MEETS: AUG 20-DEC 14

SOIL FOUNDAT DYNMC C E 568 3 CREDITS
Prereq: 360, E M 345
9162005 1 ARRANGED MEETS: AUG 20-DEC 14

APPLIED HYDRLC DSGN C E 570 3 CREDITS
Prereq: 372
2304005 1 MW 2:10-3:30 MEETS: AUG 20-DEC 14

MODEL AQUATC ENVIR C E 572 3 CREDITS
Prereq: 372
4538005 1 ARRANGED MEETS: AUG 20-DEC 14

GRNDWATER HYDROLOGY C E 573 3 CREDITS
Prereq: 372
2345005 1 MWF 10:00-10:50 MEETS: AUG 20-DEC 14
2345600 XE ARRANGED MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MWF 10-10:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus
Course delivery is Videostreaming

PAVEMENT ANLYS&DSGN C E 583 3 CREDITS
Prereq: 382, 389
7772005 1 ARRANGED MEETS: AUG 20-DEC 14

ADV DSGN CONCRETES C E 584 3 CREDITS
Prereq: 382
9168005 1 F 10:00-11:50 R 8:00-10:50 MEETS: AUG 20-DEC 14

SPECIAL TOPICS C E 590 1-5 CREDITS
Prereq: 391
Satisfactory-Fail Only.
SECTION XE IS OFFERED FOR 3 CREDITS FALL 2012
2186600 XE ARRANGED MEETS: AUG 20-DEC 14
Note: Section XE is offered for 3 credits fall 2012
Course delivery is Videostreaming

SPL TOP ADV BLDG CN C E 594L 1-3 CREDITS
Prereq: CON E 322, CON E 340 OR C E 306, AND PERMISSION OF INSTRUCTOR
2198005 1 ARRANGED MEETS: AUG 20-DEC 14

SPL TOP INDUS CONST C E 594N 3 CREDITS
Prereq: CON E 322, CON E 340 OR C E 306, AND PERMISSION OF INSTRUCTOR
2210005 1 ARRANGED MEETS: AUG 20-DEC 14

SPL TOP DSN BLD CON C E 594M 1-3 CREDITS
Prereq: CON E 322, CON E 340 OR C E 306, AND PERMISSION OF INSTRUCTOR
2198005 1 ARRANGED MEETS: AUG 20-DEC 14

SPL TOP DSN BLD CON C E 594N 3 CREDITS
Prereq: CON E 322, CON E 340 OR C E 306, AND PERMISSION OF INSTRUCTOR
2210005 1 ARRANGED MEETS: AUG 20-DEC 14

SPL TOP DSN BLD CON C E 594M 1-3 CREDITS
Prereq: CON E 322, CON E 340 OR C E 306, AND PERMISSION OF INSTRUCTOR
2198005 1 ARRANGED MEETS: AUG 20-DEC 14

CREATIVE COMPONENT C E 599 1-3 CREDITS
Prereq: 356
1757600 XE ARRANGED MEETS: AUG 20-DEC 14
Note: Section XE is offered for 3 credits fall 2012
Course delivery is Videostreaming

ADV TOP WTR POLLUTN C E 622A 2 CREDITS
Prereq: PERMISSION OF ENVIRON ENGR GRAD FACULTY
1757600 XE ARRANGED MEETS: AUG 20-DEC 14
Note: Course delivery is Virtual

ADVANCED TOPICS C E 690 1-3 CREDITS
Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
8416005 ARRANGED MEETS: AUG 20-DEC 14
Note: Meets international perspectives reqmt

ENGINEER INTERNSHIP C E 697 R CREDIT
Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF
8416005 ARRANGED MEETS: AUG 20-DEC 14
Note: Meets international perspectives reqmt

TECHNICAL WRITING C E 699 VAR. CREDITS
8416005 ARRANGED MEETS: AUG 20-DEC 14
Note: Meets international perspectives reqmt

CLASSICAL STUDIES

TAC TERMINOL IN PRO CL ST 201 3 CREDITS
6480005 MWF 10:00-10:50 MEETS: AUG 20-DEC 14
Note: Course delivery is Virtual

THE ANCIENT CITY CL ST 273 3 CREDITS
4150005 MWF 10:00-10:50 MEETS: AUG 20-DEC 14
Note: Meets international perspectives reqmt

GREEK &ROMAN MYTHOL CL ST 273 3 CREDITS
2584005 1 MF 1:00-2:00 BUTLER T MEETS: AUG 20-DEC 14
Note: Available for nonmajor graduate credit

CHRISTIAN ROMAN EM CL ST 367 3 CREDITS
Note: Available for nonmajor graduate credit
7613005 MWF 11:00-12:00 NORTHWAY E MEETS: AUG 20-DEC 14

HERO GREECE, RM,TDAY CL ST 373 3 CREDITS
Prereq: 273 OR 275 OR ONE COURSE IN LATIN OR GREEK OR ENGL 250
Note: Meets international perspectives reqmt
8416005 1 TR 11:00-12:00 MEETS: AUG 20-DEC 14

GREEK ARCHAE:TO 700BC CL ST 376A 3 CREDITS
Note: Meets international perspectives reqmt
2916005 MWF 1:10-2:00 MEETS: AUG 20-DEC 14
CLASSICAL STUDIES

GREEK CIVILIZATION CL ST 402 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
Available for nonmajor graduate credit
Instructor permission required 1st week.
2589005 TR 9:30-10:50 HOLLANDER D
MEETS: AUG 20-DEC 14

ROMAN CIVILIZATION CL ST 403 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
Available for nonmajor graduate credit
2590005 TR 2:10-3:30 HOLLANDER D
MEETS: AUG 20-DEC 14

FND WST POL THOUGHT CL ST 430 3 CREDITS
Prereq: 6 CR IN POL S, PHI, OR EUROPEAN HISTORY
Note: Available for nonmajor graduate credit
3858005 MWF 9:00-9:50 MEETS: AUG 20-DEC 14

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

COMMUNICATION DISORDERS

COMMUNIC WITH DEAF CMDIS 286 3 CREDITS
Note: Meet U.S. diversity reqmt
2612005 A TR 9:30-10:45 MEETS: AUG 20-DEC 14

LANGUAGE DEVELOPMNT CMDIS 471 3 CREDITS
Prereq: 275 OR PSYCH 230 OR ENGL 219
Note: Available for nonmajor graduate credit
2618005 TR 3:40-5:10 MEETS: AUG 20-DEC 14

COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CREDITS
7918005 MWF 11:00-11:50 MEETS: AUG 20-DEC 14

INTRO INTERPRS COMM COMST 102 3 CREDITS
Note: Sections 1A, 2A RESTRICTED TO MAJORS OTHER THAN COMST.
8105005 1A TR 9:30-10:50 MEETS: AUG 20-DEC 14
8105010 1B TR 9:30-10:50 MEETS: AUG 20-DEC 14
8105015 2A TR 8:00-9:15 MEETS: AUG 20-DEC 14
8105020 2B TR 8:00-9:15 MEETS: AUG 20-DEC 14

INTRO COM RSRCH MTD COMST 203 3 CREDITS
Note: Course restricted to major MAJORS, COMST MINORS ARE
ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD
SLIP SIGNED BY THE INSTRUCTOR.
5123005 TR 11:00-12:20 MEETS: AUG 20-DEC 14

PROFESSIONAL COMM COMST 214 3 CREDITS
9183005 TR 9:30-10:50 MEETS: AUG 20-DEC 14

CONFLICT MANAGEMENT COMST 218 3 CREDITS
7314005 1A TR 8:00-9:20 MEETS: AUG 20-DEC 14
Note: Section 1A RESTRICTED TO MAJORS ONLY
7314010 1B TR 8:00-9:20 MEETS: AUG 20-DEC 14
Note: Section 1B RESTRICTED TO MAJORS OTHER THAN COMST

HUMAN COMMUNIC THRY COMST 301 3 CREDITS
Prereq: COMST 101
Note: Course restricted to MAJORS ONLY
6593005 1 MWF 10:00-10:50 MEETS: AUG 20-DEC 14
6593010 2 MWF 11:30-12:10 MEETS: AUG 20-DEC 14

LANGUAG,THOUGHT&ACT COMST 305 3 CREDITS
Prereq: ENGL 230 OR ENGL 219
Note: Available for nonmajor graduate credit
Instructor permission required 1st week.
3319005 A1 MWF 9:00-9:50 MEETS: AUG 20-DEC 14
Note: Section A1 RESTRICTED TO SP CM MAJORS ONLY
3319010 A2 MWF 9:00-9:50 MEETS: AUG 20-DEC 14

COMMUNICATION STUDIES (CONTINUED)

INTERCULTURAL COMM COMST 310 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203
Note: COURSE RESTRICTED TO MAJORS ONLY
6412005 1 MWF 11:00-11:50 MEETS: AUG 20-DEC 14

RELATIONAL COMMUNIC COMST 311 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203
Note: COURSE RESTRICTED TO MAJORS ONLY
6413005 1 MWF 11:00-11:50 MEETS: AUG 20-DEC 14

LANGRSHP COMM theor COMST 333X 3 CREDITS
Prereq: COMST 203, COMST 301
Note: COURSE RESTRICTED TO MAJORS ONLY
4305005 1 TR 8:00-9:20 MEETS: AUG 20-DEC 14

ORGANIZATIONAL COMM COMST 314 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO MAJORS ONLY
6413005 1 MWF 10:00-10:50 MEETS: AUG 20-DEC 14

SMALL GROUP COMM COMST 317 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO MAJORS ONLY
6413005 1 MWF 10:00-10:50 MEETS: AUG 20-DEC 14

COMM TRAINING&DEVEL COMST 319 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO MAJORS ONLY
2362005 1 TR 9:30-10:50 MEETS: AUG 20-DEC 14

GENDER & COMMUNICITN COMST 323 3 CREDITS
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
3339005 A TR 9:30-10:50 MEETS: AUG 20-DEC 14
3339010 B TR 11:00-12:20 MEETS: AUG 20-DEC 14
3339015 C TR 11:00-12:20 MEETS: AUG 20-DEC 14

NONVERBAL COMMUNIC COMST 325 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
Note: COURSE RESTRICTED TO MAJORS ONLY
3920005 1 TR 9:30-10:50 MEETS: AUG 20-DEC 14

CMPT-MEDIATED COMM COMST 330 3 CREDITS
Prereq: COMST 101, COMST 102, COMST 203, COMST 301
2385005 1 TR 9:30-10:50 MEETS: AUG 20-DEC 14

RESEARCH SEMINAR COMST 404 3 CREDITS
Prereq: COMST 301 PLUS 3 ADDITIONAL COMMUNICATION
STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310,
COMST 311, COMST 314, COMST 317, COMST 319, COMST
325, OR CMST 203
Note: COURSE RESTRICTED TO SENIORS
2298005 1 TR 12:40-2:00 MEETS: AUG 20-DEC 14

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

PROFESSIONAL INTERNSHP COMST 497 1-3 CREDITS
Prereq: Instructor permission required
Note: Instructor permission required
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR COMST 504 3 CREDITS
Prereq: GRADUATE STANDING, INSTRUCTOR PERMISSION
4421005 1 TR 11:00-12:20 MEETS: AUG 20-DEC 14

SPECIAL TOPICS COMST 590 1-4 CREDITS
Prereq: Instructor permission required
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**COMMUNITY & REGIONAL PLANNING (CONTINUED)**

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COMMUNITY & REGIONAL PLANNING  (CONTINUED)

VALUES DECISION MAK C R P 566  3 CREDITS
9330005  TR 12:40-2:00
MEETS: AUG 20-DEC 14

GRANT WRITING  C R P 575  1 CREDIT
Prereq: GRADUATE CLASSIFICATION
5592005  M 3:10-5:00
MEETS: AUG 20-OCT 12

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

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

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

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

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

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

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

COMMUNITY DEVELOPMENT

COMMUNITY DEVELOP  C DEV 503  3 CREDITS
8491600  XF ARRANGED  FLORA C
MEETS: AUG 20-DEC 7
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT 515-294-7565/LOYANG@IASTATE.EDU.
Instructor permission required.
Section XX is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

8491605  XH ARRANGED  FLORA C
MEETS: AUG 20-DEC 7
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT 515-294-7565/LOYANG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XX is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

8491610  WX ARRANGED  FLORA C
MEETS: AUG 20-DEC 7
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT 515-294-7565/LOYANG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Course delivery is WWW

ECON DEVEL STRATEG  C DEV 513  3 CREDITS
6203600  XF ARRANGED  PETERS D
MEETS: SEPT 11-NOV 20
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT 515-294-7565/LOYANG@IASTATE.EDU.
Course delivery is WWW
Section XX is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

6203605  XH ARRANGED  PETERS D
MEETS: SEPT 11-NOV 20
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT 515-294-7565/LOYANG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Course delivery is WWW

6203610  WX ARRANGED  PETERS D
MEETS: SEPT 11-NOV 20
Section: XX is off campus
Tuition Category: GPIDEA Consortium

ORIENT CMNTY DEVEL  C DEV 520  1 CREDIT
8539600  XG ARRANGED
MEETS: AUG 27-DEC 12
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT 515-294-7565/LOYANG@IASTATE.EDU.
Section XX is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

CMNTY LEADSHIP&CAP  C DEV 522  3 CREDITS
4868600  XG ARRANGED
MEETS: AUG 27-DEC 12
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT 515-294-7565/LOYANG@IASTATE.EDU.
Section XX is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

SPL TP CMNTY DVLP  C DEV 590  1- 3 CREDITS
9495600  XF ARRANGED  FLORA C
MEETS: AUG 20-DEC 14
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT 515-294-7565/LOYANG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XX is off campus
Course delivery is Independent study
Tuition Category: GPIDEA Consortium

CREATIVE COMPONENT  C DEV 599  VAR. CREDITS
2549600  XF ARRANGED  FLORA C
MEETS: AUG 20-DEC 14
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT 515-294-7565/LOYANG@IASTATE.EDU.
SECC XX OFFERED FOR 1-4 CREDITS FALL 2012.
Tuition Category: GPIDEA Consortium
Section XX is off campus
Course delivery is Independent study
Tuition Category: GPIDEA Consortium

Note: Instructor permission required.
### Community Development (Continued)

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**Course Notes:**
- Available for nonmajor graduate credit
- BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

### Computer Engineering

#### Intro Cmptr Security CPR E 131 1 Credit

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**Notes:**
- Prereq: Credit or enrollment in Math 141

#### Intro Prob Solv I CPR E 185 3 Credits

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<tr>
<td>3878015</td>
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<td>F 11:00-12:00</td>
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**Notes:**
- Section A restricted to CPR E majors only

#### Dig Logc, ProcSr, P I CPR E 281 4 Credits

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<th>Section</th>
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<tr>
<td>7321010</td>
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**Course Notes:**
- Prereq: Sophomore classification
- Course restricted to CPR X, E E, Com S, E Sophomores, Juniors and Seniors

**Notes:**
- Available for nonmajor, graduate credit
<table>
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<tr>
<th>Course Title</th>
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<td>Logarithms and Probability</td>
<td>CPR E 550</td>
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<td>Advanced Engineering of Computer Systems</td>
<td>CPR E 501</td>
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<td>Prereq: E E 326</td>
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Course delivery is Videostreaming
Section XE is off campus
TIME.
STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
MEETS: AUG 20-DEC 14
1079600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE TR 12:40-2 PM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming
INFO SYST SECURITY CPR E 531 3 CREDITS
Prereq: 489 OR 530 OR COM S 586 OR MIS 535
Note: COURSE RESTRICTED TO E CPX, COM S, GR ST, INFAS, LOMIS, SCI GRAD STUDENTS ONLY
5437005 A MWF 12:10-1:00
MEETS: AUG 20-DEC 14
4537600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MWF 2:10-3 PM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming
HI-PERF COMM NTWK CPR E 541 3 CREDITS
Prereq: 530 OR 489
4357010 A MW 1:40-2:30PM
MEETS: AUG 20-DEC 14
4357600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MM 1:40-2:30 PM OR
STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming
FALL 2012
COMPUTER ENGINEERING (CONTINUED)

DSNANALY ALGORITHM CPR E 511 3 CREDITS
Prereq: COM S 311
5651005 MWF 11:00-11:50
MEETS: AUG 20-DEC 14
ADV PROTC4NT SECUR CPR E 530 3 CREDITS
Prereq: 381
2777010 A TR 8:00-9:15
MEETS: AUG 20-DEC 14
2777600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE TR 8-9:15 AM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming
INFO SYST SECURITY CPR E 531 3 CREDITS
Prereq: 489 OR 530 OR COM S 586 OR MIS 535
Note: COURSE RESTRICTED TO E CPX, COM S, GR ST, INFAS, LOMIS, SCI GRAD STUDENTS ONLY
4537005 A MWF 12:10-1:00
MEETS: AUG 20-DEC 14
4537600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MWF 2:10-3 PM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming
INFO SYST SECURITY CPR E 531 3 CREDITS
Prereq: 489 OR 530 OR COM S 586 OR MIS 535
Note: COURSE RESTRICTED TO E CPX, COM S, GR ST, INFAS, LOMIS, SCI GRAD STUDENTS ONLY
5437005 A MWF 12:10-1:00
MEETS: AUG 20-DEC 14
4537600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MWF 2:10-3 PM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming
COM & INTRNSHPS CPR E 500 R CREDIT
Note: SECTION XA OFFERED FOR 3 CREDITS
5531005 TR 9:30-10:50
MEETS: AUG 20-DEC 14
5531600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE TR 9:30-10:50 AM OR
STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming
REAL-TIME SYSTEMS CPR E 558 3 CREDITS
Prereq: 398 OR COM S 352
4574005 MWF 11:00-11:50
MEETS: AUG 20-DEC 14
4574600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MWF 11-11:50 AM OR
STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming
FUND CPR TRAMKG COM S 207 3 CREDITS
9235020 4 MW 2:10-3:12
MEETS: AUG 20-DEC 14
Note: MAJORS ONLY
9235600 XW ARRANGED
MEETS: AUG 20-DEC 14
Note: Section XW is off campus
Course delivery is WWW

INTR OBJT ORIEN PRG COM S 227 4 CREDITS
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
CREDIT FOR EITHER COM S 227 OR COM S 207, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Night exams scheduled. For dates go to

COMPUTER SCIENCE (CONTINUED)

FALL 2012

FUND CPR TRAMKG COM S 207 3 CREDITS
9235020 4 MW 2:10-3:12
MEETS: AUG 20-DEC 14
Note: MAJORS ONLY
9235600 XW ARRANGED
MEETS: AUG 20-DEC 14
Note: Section XW is off campus
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Night exams scheduled. For dates go to

COMPUTER SCIENCE (CONTINUED)

FALL 2012

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COMPUTER SCIENCE (CONTINUED)

FALL 2012

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Night exams scheduled. For dates go to

COMPUTER SCIENCE (CONTINUED)

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Night exams scheduled. For dates go to

COMPUTER SCIENCE (CONTINUED)

FALL 2012

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MEETS: AUG 20-DEC 14
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9235600 XW ARRANGED
MEETS: AUG 20-DEC 14
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Night exams scheduled. For dates go to

COMPUTER SCIENCE (CONTINUED)

FALL 2012

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MEETS: AUG 20-DEC 14
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Night exams scheduled. For dates go to

COMPUTER SCIENCE (CONTINUED)

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Night exams scheduled. For dates go to

COMPUTER SCIENCE (CONTINUED)

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COMPUTER SCIENCE (CONTINUED)

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CREDIT FOR EITHER COM S 227 OR COM S 207, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Night exams scheduled. For dates go to
INSTR DBMS MGT SYS  COM S 363  3 CREDITS  
Prereq: 228 WITH C- OR BETTER, ENGL 250 OR ENGL 105  
Note: Available for nonmajor graduate credit  
2689005  TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
COOPERATIVE EDUCAT  COM S 398  R CREDIT  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
2691005  ARRANGED  
MEETS: AUG 20-DEC 14  
CPTG&BSNS APP PROJS  COM S 401  3 CREDITS  
Prereq: ENGL 250 OR ENGL 105, SP CM 212,  
COM S 309, COM S 362 OR 363  
Note: Available for nonmajor graduate credit  
2692005  MW 3:10-4:00  
T 12:10-2:00  
MEETS: AUG 20-DEC 14  
SOFTWARE REQMTS ENGR  COM S 409  3 CREDITS  
Prereq: 309, ENGL 250 OR ENGL 105, SP CM 212  
Note: Available for nonmajor graduate credit  
8508005  1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
ADVNCND PROGRM TOOLS  COM S 430  3 CREDITS  
Prereq: 311, 362 OR 363, ENGL 250 OR ENGL 105,  
SP CM 212  
Note: Available for nonmajor graduate credit  
5833005  1 MWF 4:10-5:00  
R 4:10-5:00  
MEETS: AUG 20-DEC 14  
5833010  2 MWF 4:10-5:00  
R 3:10-4:00  
MEETS: AUG 20-DEC 14  
INTRO BIOINFORMATCS  COM S 444  4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
Note: Available for nonmajor graduate credit  
8542005  1 MWF 10:00-10:50  
R 1:10-3:00  
MEETS: AUG 20-DEC 14  
8542010  2 MWF 10:00-10:50  
R 3:10-5:00  
MEETS: AUG 20-DEC 14  
SIMULATN:ALG&IMPLEM  COM S 455  3 CREDITS  
Prereq: 311, 330, STAT 330 OR COM S 362 OR COMPARABLE PROGRAMMING EXPERIENCE  
Note: Available for nonmajor graduate credit  
8123005  MWF 3:10-4:30  
MEETS: AUG 20-DEC 14  
PRIN ARTIFICL INTELL  COM S 472  3 CREDITS  
Prereq: 311, 330 OR CPR E 310, STAT 330, ENGL 250 OR ENGL 105,  
SP CM 212  
Note: Available for nonmajor graduate credit  
7902005  MWF 11:00-11:50  
R 9:00-9:50  
MEETS: AUG 20-DEC 14  
HONORS ARTIF INTELL  COM S 472H  3 CREDITS  
Prereq: 311, 330 OR CPR E 310, STAT 330, ENGL 250, SP CM 212, COM S 342 OR COMPARABLE PROGRAMMING EXPERIENCE, MEMBERSHIP IN UNIV HONORS PROGRAM  
Note: Course restricted to members of the university honors program  
7985005  1 MWF 11:00-11:50  
R 9:00-9:50  
MEETS: AUG 20-DEC 14  
PROB SOLV TCNQ APPL  COM S 477  3 CREDITS  
Prereq: 228; 330 OR CPR E 310, MATH 166, MATH 307 OR 317, OR CONSENT OF THE INSTRUCTOR  
Note: Available for nonmajor graduate credit  
6263005  TR 2:10-3:25  
MEETS: AUG 20-DEC 14  
INDEPENDENT STUDY  COM S 490  VAR. CREDITS  
Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR  
Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
Satisfactory-Fail Only.  
* SEE DEPT FOR REFERENCE NUMBERS  
DEP Study Honors  COM S 490H  VAR. CREDITS  
Prereq: 6 CREDITS IN COM S, PERMISSION OF INSTRUCTOR, MEMBERSHIP IN HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY.  
Instructor permission required 1st week.  
Satisfactory-Fail Only.  
* SEE DEPT FOR REFERENCE NUMBERS  
SOFTWARE REQMTS ENGR  COM S 509  3 CREDITS  
Prereq: 309  
8523005  1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
DSN ANALYSIS ALGORITHM  COM S 511  3 CREDITS  
Prereq: 311  
2706005  MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
PROGRAMM LANGUAGES  COM S 541  3 CREDITS  
Prereq: 342 OR 440  
2711005  TR 12:40-2:00  
W 5:10-6:00PM  
MEETS: AUG 20-DEC 14  
INTRO BIOINFORMATCS  COM S 544  4 CREDITS  
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT  
8547005  1 MWF 10:00-10:50  
R 1:10-3:00  
MEETS: AUG 20-DEC 14  
8547010  2 MWF 10:00-10:50  
R 3:10-5:00  
MEETS: AUG 20-DEC 14  
SIMULATN:ALG&IMPLEM  COM S 555  3 CREDITS  
Prereq: 311, 330, STAT 330  
8124005  MW 3:10-4:30  
MEETS: AUG 20-DEC 14  
CPTR GRPHC&GEOM MOD  COM S 557  3 CREDITS  
Prereq: 228, 330, STAT 341, CREDIT OR ENROLLMENT IN BIOL 315, STAT 430  
5204005  A TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
PRIN&INTRNLNS DATABS  COM S 561  3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2715005  MWF 1:10-2:00  
T 4:10-5:00  
MEETS: AUG 20-DEC 14  
FUND GENOME INF RMTC  COM S 567  3 CREDITS  
Prereq: 228; 330, STAT 341, CREDIT OR ENROLLMENT IN BIOL 315, STAT 430  
3275005  TR 11:00-12:30  
MEETS: AUG 20-DEC 14  
STRUCT GENOM INF RMTC  COM S 569  3 CREDITS  
Prereq: 309, MATH 311, STAT 430  
3311005  TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
PRIN ARTIFICL INTELL  COM S 572  3 CREDITS  
Prereq: 311, 331, STAT 330, COM S 342 OR COMPARABLE PROGRAMMING EXPERIENCE  
9065005  MWF 11:00-11:50  
R 9:00-9:50  
MEETS: AUG 20-DEC 14  
PROB SOLV TCNQ APPL  COM S 577  3 CREDITS  
Prereq: 228, 330 OR CPR E 310, MATH 166, MATH 307 OR MATH 317, OR CONSENT OF THE INSTRUCTOR  
6264005  TR 2:10-3:25  
MEETS: AUG 20-DEC 14  
CPR SYS ARCHITECTUR  COM S 581  3 CREDITS  
Prereq: CPR S 381  
2341005  A TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
2341600  XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE TR 12:40-2 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus  
Course delivery is Videostreaming  
RECONFIG COMPTG SYS  COM S 583  3 CREDITS  
Prereq: BACKGROUND IN COMPUTER ARCHITECTURE, DESIGN, AND ORGANIZATION  
7019005  1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
7019600  XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE W 9:30-10:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus  
Course delivery is Videostreaming
CONSTRUCTION ENGINEERING (CONTINUED)

CONCRETE STEEL CONST CON E 340 3 CREDITS
Prereq: E M 324, CREDIT OR ENROLLMENT IN CON E 322
Note: Available for nonmajor graduate credit
2741005 1 R 5:10-6:00PM
MEETS: AUG 20-DEC 14

MECHAN SYS IN BLDGS CON E 352 3 CREDITS
Prereq: 251, PHYS 222
5313005 1 R 3:10-5:00
MEETS: AUG 20-DEC 14

ELECTR SYS IN BLDGS CON E 353 3 CREDITS
Prereq: PHYS 222 AND CREDIT OR ENROLLMENT IN CON E 352
Note: Available for nonmajor graduate credit
5317005 1 MF 10:00-10:50
MEETS: AUG 20-DEC 14

ENGINEERING LAW CON E 380 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
5102005 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: Section XE is off campus
Course delivery is Video streaming
5102005 1 A 3:10-4:30
MEETS: AUG 20-DEC 14
Note: Section 1A RESTRICTED TO CON E MAJORS ONLY
5102010 1B 3:10-4:30
MEETS: AUG 20-DEC 14
Note: Section 1B RESTRICTED TO MAJORS OTHER THAN CON E

BID CONST I: HVY & HWY CON E 381A 1 CREDIT
6244005 1 T 8:00-10:00PM
ARRANGED
MEETS: AUG 20-DEC 14
Note: There will be 7 MTGS. Dates to be ann.

ENGR INTERNSHIP CON E 397 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Note: See dept for reference numbers

CONSTRUCTION ENGINEERING (CONTINUED)

CONCRETE STEEL CONST CON E 340 3 CREDITS
Prereq: E M 324, CREDIT OR ENROLLMENT IN CON E 322
Note: Available for nonmajor graduate credit
2741005 1 R 5:10-6:00PM
MEETS: AUG 20-DEC 14

MECHAN SYS IN BLDGS CON E 352 3 CREDITS
Prereq: 251, PHYS 222
5313005 1 R 3:10-5:00
MEETS: AUG 20-DEC 14

ELECTR SYS IN BLDGS CON E 353 3 CREDITS
Prereq: PHYS 222 AND CREDIT OR ENROLLMENT IN CON E 352
Note: Available for nonmajor graduate credit
5317005 1 MF 10:00-10:50
MEETS: AUG 20-DEC 14

ENGINEERING LAW CON E 380 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
5102005 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: Section XE is off campus
Course delivery is Video streaming
5102005 1 A 3:10-4:30
MEETS: AUG 20-DEC 14
Note: Section 1A RESTRICTED TO CON E MAJORS ONLY
5102010 1B 3:10-4:30
MEETS: AUG 20-DEC 14
Note: Section 1B RESTRICTED TO MAJORS OTHER THAN CON E

BID CONST I: HVY & HWY CON E 381A 1 CREDIT
6244005 1 T 8:00-10:00PM
ARRANGED
MEETS: AUG 20-DEC 14
Note: There will be 7 MTGS. Dates to be ann.

ENGR INTERNSHIP CON E 397 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Note: See dept for reference numbers

CONSTRUCTION ENGINEERING (CONTINUED)

CONCRETE STEEL CONST CON E 340 3 CREDITS
Prereq: E M 324, CREDIT OR ENROLLMENT IN CON E 322
Note: Available for nonmajor graduate credit
2741005 1 R 5:10-6:00PM
MEETS: AUG 20-DEC 14

MECHAN SYS IN BLDGS CON E 352 3 CREDITS
Prereq: 251, PHYS 222
5313005 1 R 3:10-5:00
MEETS: AUG 20-DEC 14

ELECTR SYS IN BLDGS CON E 353 3 CREDITS
Prereq: PHYS 222 AND CREDIT OR ENROLLMENT IN CON E 352
Note: Available for nonmajor graduate credit
5317005 1 MF 10:00-10:50
MEETS: AUG 20-DEC 14

ENGINEERING LAW CON E 380 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
5102005 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: Section XE is off campus
Course delivery is Video streaming
5102005 1 A 3:10-4:30
MEETS: AUG 20-DEC 14
Note: Section 1A RESTRICTED TO CON E MAJORS ONLY
5102010 1B 3:10-4:30
MEETS: AUG 20-DEC 14
Note: Section 1B RESTRICTED TO MAJORS OTHER THAN CON E

BID CONST I: HVY & HWY CON E 381A 1 CREDIT
6244005 1 T 8:00-10:00PM
ARRANGED
MEETS: AUG 20-DEC 14
Note: There will be 7 MTGS. Dates to be ann.

ENGR INTERNSHIP CON E 397 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Note: See dept for reference numbers

CONSTRUCTION ENGINEERING (CONTINUED)

CONCRETE STEEL CONST CON E 340 3 CREDITS
Prereq: E M 324, CREDIT OR ENROLLMENT IN CON E 322
Note: Available for nonmajor graduate credit
2741005 1 R 5:10-6:00PM
MEETS: AUG 20-DEC 14

MECHAN SYS IN BLDGS CON E 352 3 CREDITS
Prereq: 251, PHYS 222
5313005 1 R 3:10-5:00
MEETS: AUG 20-DEC 14

ELECTR SYS IN BLDGS CON E 353 3 CREDITS
Prereq: PHYS 222 AND CREDIT OR ENROLLMENT IN CON E 352
Note: Available for nonmajor graduate credit
5317005 1 MF 10:00-10:50
MEETS: AUG 20-DEC 14

ENGINEERING LAW CON E 380 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
5102005 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: Section XE is off campus
Course delivery is Video streaming
5102005 1 A 3:10-4:30
MEETS: AUG 20-DEC 14
Note: Section 1A RESTRICTED TO CON E MAJORS ONLY
5102010 1B 3:10-4:30
MEETS: AUG 20-DEC 14
Note: Section 1B RESTRICTED TO MAJORS OTHER THAN CON E

BID CONST I: HVY & HWY CON E 381A 1 CREDIT
6244005 1 T 8:00-10:00PM
ARRANGED
MEETS: AUG 20-DEC 14
Note: There will be 7 MTGS. Dates to be ann.
CONSTRUCTION ENGINEERING  (CONTINUED)

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

CRIMINAL JUSTICE STUDIES

INTR CRIMNL JUSTIC  CJ ST 240   3 CREDITS
4719005  1 TR 11:00-12:15
MEETS: AUG-DEC 14

YOUTH & CRIME  CJ ST 241   3 CREDITS
Prereq: SOC S 130 OR 134
2576005  1 TR 9:30-10:50
MEETS: AUG-DEC 14

CRIMINOLOGY  CJ ST 341   3 CREDITS
Prereq: SOC 130 OR 134
3175005  A1 TR 11:00-12:20
MEETS: AUG-DEC 14
Note: SECTION A1 RESTRICTED TO SOC, P S A MAJORS

POLICE AND SOCIETY  CJ ST 351   3 CREDITS
Prereq: 240 OR 241
7751005  A1 TR 11:00-12:20
MEETS: AUG-DEC 14
Note: SECTION A1 RESTRICTED TO SOC, P S A MAJORS

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

CURRICULUM & INSTRUCTION

PK-6 CLSRM TECNOLGI  C I  201   3 CREDITS
Note: COURSE FOR TEACHER LICENSURE STUDENTS ONLY
3015005  1 TR 11:00-11:50
MEETS: AUG-DEC 14
Note: SECTION 1 RESTRICTED TO EL ED MAJORS ONLY

3015015  2 TR 11:00-11:50
MEETS: AUG-DEC 14
Note: SECTION 2 RESTRICTED TO EL ED MAJORS ONLY

3015020  3 TR 11:00-11:50
MEETS: AUG-DEC 14
Note: SECTION 3 RESTRICTED TO EL ED MAJORS ONLY

3015025  4 TR 11:00-11:50
MEETS: AUG-DEC 14
Note: SECTION 4 RESTRICTED TO ECE MAJORS ONLY

3015030  5 TR 11:00-11:50
MEETS: AUG-DEC 14
Note: SECTION 5 RESTRICTED TO EL ED MAJORS ONLY

7-12 CLSRM TECNOLGI  C I  202   3 CREDITS
Note: FOR SECONDARY EDUCATION MAJORS ONLY
2464005  1 TR 2:10-3:00
MEETS: AUG-DEC 14

2464010  2 TR 2:10-3:00
MEETS: AUG-DEC 14

2464015  3 TR 2:10-3:00
MEETS: AUG-DEC 14

2464020  4 TR 2:10-3:00
MEETS: AUG-DEC 14

CURRICULUM & INSTRUCTION  (CONTINUED)

SOC FOUND U.S. EDUC  C I  204   3 CREDITS
6278005  1 TR 8:00-9:15
MEETS: AUG-DEC 14

6278010  2 TR 9:30-10:45
MEETS: AUG-DEC 14

6278015  3 TR 11:00-12:15
MEETS: AUG-DEC 14

6278020  4 TR 12:10-1:25
MEETS: AUG-DEC 14

6278030  6 TR 3:40-5:00
MEETS: AUG-DEC 14

6278035  7 TR 11:00-12:15
MEETS: AUG-DEC 14

ERLY CHL HD ED ORIE  C I  208   1 CREDIT
4389005  W 1:10-2:00
MEETS: AUG-DEC 14

ORIENTAT TEACHR ED  C I  216   1 CREDIT
Prereq: FIRST SEMESTER FRESHMAN EL ED MAJOR OR OTHER MAJORS INTERESTED IN SEEKING PRE-K TO GRADE 12 TEACHER CERTIFICATION
Satisfactory-Fail Only.

ORIEN TCHR ED SCI,M  C I  219   1 CREDIT
Prereq: STUDENTS SEEKING TEACHER LICENSURE IN MATH, SCIENCE OR HISTORY/SOC STUDIES IN GRADES 7-12
1863005  1 W 12:10-1:00
MEETS: AUG-DEC 14

STRATEGIES IN TCHNG  C I  245   2 CREDITS
Prereq: 204; ED PS 220 OR 221 OR 226 FOR CONCURRENT ENROLLMENT IN ONE OF THESE COURSES; CONCURRENT ENROLLMENT IN CJ ST 126; ELIGIBILITY FOR ADMISSION TO TEACHER EDUCATION PROGRAM
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS. TAKE CONCURRENTLY WITH 324.
3238005  W 3:10-5:00
MEETS: AUG-DEC 14

STRATEGIES PRACTICM  C I  268   1 CREDIT
Prereq: TAKE CONCURRENTLY WITH 245, SAME SEC NUMBER. COURSE RESTRICTED TO EL ED, ECE MAJORS.
Department permission required 1st week.
Satisfactory-Fail Only.

3240015  1 F 8:00-9:30
MEETS: AUG-DEC 14

3240010  2 F 10:00-11:50
MEETS: AUG-DEC 14

3240015  3 F 1:10-3:00
MEETS: AUG-DEC 14

3240020  4 F 3:10-5:00
MEETS: AUG-DEC 14

3240025  5 F 1:10-3:00
MEETS: AUG-DEC 14

EXPRNC TEACHER AIDE  C I  280A   1-2 CREDITS
Prereq: 280A MAY BE TAKEN ALONE
Note: STUDENTS MUST RESERVE ONE MORNING OR ONE AFTERNOON PER CREDIT FOR SITE VISITS
Satisfactory-Fail Only.

6279010  2 ARRANGED
MEETS: AUG-DEC 14

MEETS: AUG-DEC 14

6279025  5 TR 2:10-3:25
MEETS: AUG-DEC 14

6279030  6 TR 3:40-5:00
MEETS: AUG-DEC 14

6279035  7 TR 11:00-12:15
MEETS: AUG-DEC 14

EXP MUSEUM EDUCAT  C I  280D   1 CREDIT
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN 280A
Satisfactory-Fail Only.

6280005  1 ARRANGED
MEETS: AUG-DEC 14

MEETS: AUG-DEC 14

6282005  1 ARRANGED
MEETS: AUG-DEC 14

MEETS: AUG-DEC 14

MEETS: AUG-DEC 14
CURRICULUM & INSTRUCTION (CONTINUED)

TEACHING OF SCIENCE C I 449 3 CREDITS
Prereq: 377, CONCURRENT ENROLLMENT IN 378, 468B
468D, JUNIOR CLASSIFICATION IN SP ED 365, 436; GRADUATE STUDENTS MUST HAVE A TEACHING LICENSE
Note: RESTRICTED TO EL ED MAJORS ONLY
Department permission required 1st week.
3261005 1 TR 11:00-12:15
MEETS: AUG 20-DEC 14
3261010 2 TR 8:30-10:20
MEETS: AUG 20-DEC 14
Note: NO MEETINGS SEPT 24-OCT 13
Note: NO MEETINGS SEPT 24-OCT 19

CORRECTIVE READING C I 452 3 CREDITS
Prereq: 378 OR EQUIV; UNDERGRAD STUDENTS MUST REGISTER CONCURRENTLY FOR SP ED 365, 436; GRADUATE STUDENTS MUST HAVE A TEACHING LICENSE
6584005 TR 12:40-2:00
MEETS: AUG 20-DEC 14

EMERG TOPC DGT LN C I 454 1-3 CREDITS
Prereq: 201 OR 202
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2012
9436005 1 ARRANGED
MEETS: AUG 20-SEP 21
Note: SECTION 1 TOPIC: INTEGRATING INTERACTIVE WHITEBOARDS INTO TEACHING AND LEARNING
9436010 2 ARRANGED
MEETS: OCT 1-26
Note: SEC 2 TOPIC - 1:1 SCHOOL SETTING: ARE YOU READY?
9436015 3 ARRANGED
MEETS: NOV 5-DEC 7
Note: SECTION 3 TOPIC: VIDEO REMIXING FOR LEARNING ENVIRONMENTS

RDNG&LANGUAG TCHNL C I 456 3 CREDITS
Prereq: 201 OR 202, 377
Note: Department permission required 1st week.
3257005 W 5:10-8:00PM
MEETS: AUG 20-DEC 14

PRA PRIMRY RDG&LANG C I 468A 1 CREDIT
Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PRG
Note: TAKE CONCURRENTLY WITH 377, 448 AND 468C - SAME SECTION NUMBER. RESTRICTED TO EL ED MAJORS. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
Department permission required 1st week.
Satisfactory-Fail Only.
3265005 1 TR 7:30-4:30
MEETS: OCT 22-NOV 14

PRA RDG&LANG INTRMD C I 468B 1 CREDIT
Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PRG
Note: TAKE CONCURRENTLY WITH 377, 448 AND 468C - SAME SECTION NUMBER. RESTRICTED TO EL ED MAJORS. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
Department permission required 1st week.
Satisfactory-Fail Only.
3266005 1 TR 7:30-4:30
MEETS: OCT 25-NOV 18

TCHG PRACTICUM MATH C I 468C 1 CREDIT
Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PRG
Note: TAKE CONCURRENTLY WITH 377, 448 AND 468A - SAME SECTION NUMBER. RESTRICTED TO EL ED MAJORS ONLY. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
Department permission required 1st week.
Satisfactory-Fail Only.
3267005 1 TR 7:30-4:30
MEETS: OCT 22-NOV 14

TCHG PRACTICUM SCI C I 468D 1 CREDIT
Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PRG
Note: TAKE CONCURRENTLY WITH 378, 449 AND 468B - SAME SECTION NUMBER. RESTRICTED TO EL ED MAJORS ONLY. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
Department permission required 1st week.
Satisfactory-Fail Only.
3268005 1 TR 7:30-4:30
MEETS: OCT 25-NOV 18

TCHG PRACTCM LANGUA C I 468E 1 CREDIT
Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PRG
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Satisfactory-Fail Only.
9382005 1 TR 7:30-4:00
MEETS: SEPT 14-OCT 5
Note: NO MEETING SEPT 28
9382010 2 TR 7:30-4:00
MEETS: OCT 12-26
9382015 3 TR 7:30-4:00
MEETS: NOV 2-16

CURRICULUM & INSTRUCTION (CONTINUED)

PRA PMRY LITRCY INC C I 468F 1 CREDIT
Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PRG
Note: CONCURRENT ENROLLMENT IN SP ED 368 REQUIRED. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
4518005 1 TR 7:30-12:30
MEETS: OCT 22-NOV 14

PRA PMRY MATH INCL C I 468G 1 CREDIT
Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PRG
Note: COURSE RESTRICTED TO ECE MAJORS. MUST ALSO REGISTER FOR SP ED 355 & 455. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
Satisfactory-Fail Only.
4524005 1 TR 7:30-4:30
MEETS: OCT 22-NOV 16

PRA PMRY SCI INCL C I 468I 1 CREDIT
Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PRG
Note: CONCURRENT ENROLLMENT IN C I 447 AND 418 IS REQUIRED. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
Satisfactory-Fail Only.
8222005 ARRANGED
MEETS: AUG 20-DEC 14

PRACT READNG ENDORS C I 468R 1 CREDIT
Prereq: PERMSSION OF DEPT; CONCURRENT ENR IN 378 ADMISSION TO TEACHER EDUCATION PROGRAM
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Department permission required 1st week.
4300005 TR 7:30-12:30
MEETS: SEPT 25-OCT 18

FLD EXP TCH HIS/SOC C I 480A .5-2 CREDITS
Prereq: PERMISION OF COORDINATOR REQUIRED PRIOR TO ENROLLMENT
Note: COURSE ONLY OFFERED FOR 2 CREDITS FALL 2012
6581005 R 4:10-5:00
BREMER J
ARRANGED
MEETS: AUG 20-DEC 14

FIELD EXP TCHG MATH C I 480C .5-2 CREDITS
Prereq: PERMISSION OF COORDINATOR REQUIRED PRIOR TO ENROLLMENT
Note: SEC 1 OFFERED FOR 1-2 CREDITS
9057005 1 ARRANGED
MEETS: AUG 20-DEC 14
Note: SEC 2 OFFERED FOR .5 CREDIT
9057010 2 ARRANGED
MEETS: AUG 20-DEC 14
Note: SEC 2 OFFERED FOR .5 CREDIT
9064005 1 ARRANGED
MEETS: AUG 20-DEC 14
Note: SEC 1 OFFERED FOR 1-2 CREDITS
9064010 2 ARRANGED
MEETS: AUG 20-DEC 14
Note: SEC 2 OFFERED FOR .5 CREDIT

WRLD LANGU MTHDS EL C I 486 3 CREDITS
Prereq: 25 CREDITS IN A WORLD LANGUAGE
Note: Available for nonmajor graduate credit
9655005 1 T 6:00-8:50PM
MEETS: AUG 20-DEC 14

WLD LANGU MTHDS SEC C I 487 3 CREDITS
Prereq: 25 CREDITS IN A WORLD LANGUAGE, ADMISSION TO TEACHER EDUCATION PROGRAM
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Instructor permission required.
4412005 1 R 6:10-8:50PM
MEETS: AUG 20-DEC 14

INDEP STDY MUSIC ED C I 490A VAR. CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
Note: INSTRUCTOR permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS
CURRICULUM & INSTRUCTION

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

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

IND STU METH TCHG C I 490E 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

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

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

IND STUDY HONORS C I 490H 1-3 CREDITS
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY

IND STU MULTICUL ED C I 490J 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

IND STU HIS/SC SC C I 490K 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

IND STU LITERACY ED C I 490L 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

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

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

IND STU FOUND EDUC C I 490O 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

TEACH LIT SECONDARY C I 494 3 CREDITS
Prereq: ENGL 310, 397, 9 OTHER CREDITS IN ENGLISH BEYOND 250, PSYCH 333, ADMISSION TO TEACHER EDUC PROG
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
6305005 A TR 10-3:30 MEETS: AUG 20-DEC 14
Note: Instructor permission required.

TEACHING SPEECH C I 495B 3 CREDITS
Prereq: SP CM 313; 9 CREDITS IN SP CM;
MINIMUM GPA OF 2.5 IN SP CM COURSES
7217005 ARRANGED MEETS: AUG 20-DEC 14
Note: Instructor permission required.

TEACH SEC SCHL MATH C I 497 3 CREDITS
Prereq: 15 CR IN COLLEGE MATH; IF IN A TEACHER LICENSURE PROGRAM, CONCURRENT ENROLLMENT IN C I 426 OR 526
6307005 1 M 5:10-8:00PM MEETS: AUG 20-DEC 14

MTDS TCHG HIST/SOC C I 498 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 480A; ADMISSION TO TEACHER EDUC; 30 CREDITS IN SUBJECT-MATTER FIELD
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
8504005 MW 4:10-5:30 MEETS: AUG 20-DEC 14

FOUND DIGITAL LEARNING C I 501 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
2792005 M 5:10-8:00PM MEETS: AUG 20-DEC 14

DSGN LEARNING ENVIR C I 503 3 CREDITS
Prereq: 501
2794005 T 5:10-8:00PM MEETS: AUG 20-DEC 14

ADV MULTICULT FOUND C I 506 3 CREDITS
Prereq: 6 GRADUATE CREDITS IN EDUCATION
2797005 1 M 5:10-8:00PM MEETS: AUG 20-DEC 14

CURRICULUM & INSTRUCTION

PRIN DISTANCE LEARN C I 507 3 CREDITS
Prereq: 501, CONVENIENT ACCESS TO THE WEB
4384005 M 4:10-7:00PM ARRANGED
MEETS: AUG 20-DEC 14

ALGEBRA K-12 CLSRMS C I 508 3 CREDITS
7172005 1 R 5:10-8:00PM MEETS: AUG 20-DEC 14

RES TRENDS DIGITAL LRN C I 512 3 CREDITS
Prereq: ADMISSION TO GRAD STUDY AND AT LEAST TWO CRSES IN RESEARCH AND FOUNDATIONS OF INSTRUCTIONAL TECHNOLOGY
4298005 R 5:10-8:00PM MEETS: AUG 20-DEC 14

MATH PROB SOLV K-12 C I 513 3 CREDITS
Prereq: 6 CR OF MATH, C I 448 OR 497 OR PERMISSION OF INSTRUCTOR
6988005 1 T 5:10-8:00PM MEETS: AUG 20-DEC 14

STUDENT TCH PHYS SCI C I 517B VAR. CREDITS
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
2466010 1 ARRANGED MEETS: AUG 20-NOV 9

STUDENT TEACH MATH C I 517C VAR. CREDITS
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
2466010 2 ARRANGED MEETS: SEPT 17-DEC 14

SCIENCE METHODS I C I 518 2 CREDITS
Prereq: 514; CONCURRENT ENROLLMENT IN 547 & 591D
8369005 M 5:10-8:00PM MEETS: AUG 20-DEC 14

BILINGUAL/L. MEXI C I 520 3 CREDITS
Prereq: 504
8570005 M 5:30-8:30PM MEETS: AUG 20-DEC 14

PRIN SECONDARY EDUC C I 526 3 CREDITS
Prereq: 6 CREDITS IN EDUCATION
7724005 W 5:30-8:30PM MEETS: AUG 20-DEC 14

EDUC PSYCH LEARNING C I 533 3 CREDITS
Prereq: 333 OR TEACHER LICENSURE
4363005 1 T 4:30-7:00PM MEETS: AUG 20-DEC 14

TCHR RECRUIT, RETENT C I 545X 3 CREDITS
4222005 ARRANGED MEETS: AUG 20-DEC 14

NATURE OF SCIENCE C I 547 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 518 OR PERMISSION OF INSTRUCTOR
7717005 1 T 5:10-8:00PM MEETS: AUG 20-DEC 14

FOUND RONG&LANG ART C I 551 3 CREDITS
Prereq: TEACHING LICENSE
3282005 T 5:30-8:30PM MEETS: AUG 20-DEC 14

TECHNOL IN READ&LANG C I 556 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 547 & 591D
1285005 W 5:10-8:00PM MEETS: AUG 20-DEC 14

NEW MEDIA LITERACY C I 568X 3 CREDITS
Prereq: GRADUATE STANDING
4223005 M 5:10-8:00PM MEETS: AUG 20-DEC 14

Note: THE ARRANGED TIME REPRESENTS WWW WORK

SPLIC TOP CURRICULUM C I 590A 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION

SPLIC TOP DIGITAL LANG C I 590B 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION

SP TOP SCIENCE EDUC C I 590C 1-3 CREDITS
SEE DEPT FOR REFERENCE NUMBERS

(Continued)
CURRICULUM & INSTRUCTION (CONTINUED)

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

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

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

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

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

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

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

FLD EXP WORLD LANGU C I 591B 1-6 CREDITS
Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA
8128005 ARRANGED
MEETS: AUG 20-DEC 14

FIELD EXP SECOND ED C I 591D 1-6 CREDITS
Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA
5058005 1 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 1 IS OFFERED FOR 1-2 CREDITS.
FOR MAT STUDENTS.
5058010 2 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 2 IS FOR MATH M.ED. STUDENTS

SCIENCE EDUC WSHOP C I 593C 1-3 CREDITS
Prereq: COURSE FOR RETAIL GROUP PARTICIPANTS ONLY
2812005 1 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 1 OFFERED FOR ONE CREDIT
Instructor permission required.
Tuition Category: Workshop

CURRIC THEORY 4PRIN C I 594 3 CREDITS
Prereq: GRADUATE STANDING
2816005 W 5:10-6:00PM
MEETS: AUG 20-DEC 14

TCHG READG MIDDLESEC C I 595 3 CREDITS
Prereq: GRADUATE STATUS AND TEACHING LICENSE
2932005 TR 8:00-9:20
MEETS: AUG 20-DEC 14

TEACH SEC SCHL MATH C I 597 3 CREDITS
Prereq: 15 CREDITS IN COLLEGE MATH; IF IN A
TEACHER LICENSURE PROGRAM, CONCURRENT ENROLLMENT
IN C I 426 OR C I 526
8440005 W 5:10-8:00PM
MEETS: AUG 20-DEC 14

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

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

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

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

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

CRTV COMP MATH EDUC C I 599G 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
************* SEE DEPT FOR REFERENCE NUMBERS
DANCE
MODERN DANCE I
DANCE 120
1 CREDIT
Satisfactory-Fail Only.
2838005
1 MW 11:00-12:15
MEETS: AUG 20-DEC 14
BALLET I
DANCE 130
1 CREDIT
Satisfactory-Fail Only.
2839005
1 TR 11:00-12:15
MEETS: AUG 20-DEC 14
JAZZ I
DANCE 140
1 CREDIT
Satisfactory-Fail Only.
2840005
1 TR 12:10-1:20
MEETS: AUG 20-DEC 14
TAP DANCE I
DANCE 150
1 CREDIT
Satisfactory-Fail Only.
2841005
1 MW 3:10-4:15
MEETS: AUG 20-DEC 14
BALLROOM DANCE I
DANCE 160
1 CREDIT
Satisfactory-Fail Only.
2842005
1 TR 10:10-10:50
MEETS: AUG 20-DEC 14
Note: SECTION 1 FOR MEN ONLY. MEETS WITH SECTION 2.
2842010
2 TR 10:10-10:50
MEETS: AUG 20-DEC 14
Note: SECTION 2 FOR WOMEN ONLY. MEETS WITH SECTION 1.
2842015
3 TR 11:10-11:50
MEETS: AUG 20-DEC 14
Note: SECTION 3 FOR MEN ONLY. MEETS WITH SECTION 4.
2842020
4 TR 11:10-11:50
MEETS: AUG 20-DEC 14
Note: SECTION 4 FOR WOMEN ONLY. MEETS WITH SECTION 3.
DANCE CONTINUUM
DANCE 199
.5-2 CREDITS
Prereq: Instructor Permission. Advance Registration Required.
Note: Course only offered for 1-2 credits fall 2012. Instructor permission required 1st week.
2845005
1 ARRANGED
MEETS: AUG 20-DEC 14
MODERN DANCE COMPOS
DANCE 220
2 CREDITS
Prereq: DSN S 102 OR PREVIOUS MODERN DANCE EXPERIENCE
2846005
1 TR 2:10-4:00
MEETS: AUG 20-DEC 14
MODERN DANCE II
DANCE 222
1 CREDIT
Prereq: DSN S 102 OR PREVIOUS MODERN DANCE EXPERIENCE
2847005
1 MW 2:10-3:15
MEETS: AUG 20-DEC 14
CONCERT&THTRE DANCE
DANCE 224
.5-2 CREDITS
Prereq: BY AUDITION ONLY
Note: Instructor permission required 1st week. Satisfactory-Fail Only.
2849005
1 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 1 OFFERED FOR .5 CREDIT ONLY
2849010
2 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 2 OFFERED FOR 1 CREDIT ONLY
2849015
3 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 3 OFFERED FOR 2 CREDITS ONLY
BALLET III
DANCE 233
1 CREDIT
Prereq: 232
2851005
1 MW 12:10-1:20
MEETS: AUG 20-DEC 14
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DESIGN STUDIES (CONTINUED)

2124195 39 TR 11:00-1:50 CHO Y
MEETS: AUG 20-DEC 14
TR 3:00-4:50 CHO Y
MEETS: AUG 20-DEC 14
DESIGN REPRESENTATN DSN S 131 4 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
MEETS: AUG 20-DEC 14

2124200 40 TR 11:00-1:50 CHO Y
MEETS: AUG 20-DEC 14
DESIGN CULTURES DSN S 183 3 CREDITS
1 TR 2:10-3:30 CUNNALLY J
MEETS: AUG 20-DEC 14
Note: SECTION 1 RESTRICTED TO COLLEGE OF DESIGN MAJORS

ARCHITECT HISTORY I DSN S 221 3 CREDITS
Note: Meets international perspectives reqmt
2089005 1A MWF 9:00-9:50
MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO ARC, ARCH MAJORS
2089010 1B MWF 9:00-9:50
MEETS: AUG 20-DEC 14
Note: SEC 1B RESTRICTED TO MAJORS OTHER THAN ARC, ARCH

HISTORY OF ART I DSN S 280 3 CREDITS
Note: Meets international perspectives reqmt
2628005 A1 TR 11:00-12:20
MEETS: AUG 20-DEC 14
Note: SECTION A1 RESTRICTED TO ART, ARTDN, ARTFA, ARTP, ARTPH, ARTS MAJORS
2628010 A2 TR 11:00-12:20
MEETS: AUG 20-DEC 14

HONORS ARTISTRY DSN S 280H 4 CREDITS
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
7193005 TR 12:40-2:00
MEETS: AUG 20-DEC 14

WORLD CITIES & GLOBALZ DSN S 291 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets international perspectives reqmt
3043005 MW 11:10-12:00
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~fowusu/courses.html

INTR VISU CULTR STU DSN S 292 3 CREDITS
Note: Meets U.S. diversity reqmt
2571010 A MW 10:10-11:55
F 9:00-9:50
MEETS: AUG 20-DEC 14
2571015 B MW 10:10-11:55
F 9:00-9:50
MEETS: AUG 20-DEC 14
2571025 D MW 10:10-11:55
F 10:00-10:50
MEETS: AUG 20-DEC 14
2571030 E MW 10:10-11:55
F 10:00-10:50
MEETS: AUG 20-DEC 14
2571035 F MW 10:10-11:55
F 10:00-10:50
MEETS: AUG 20-DEC 14
2571040 G MW 10:10-11:55
F 10:00-11:50
MEETS: AUG 20-DEC 14
2571045 J MW 10:10-11:55
F 11:00-11:50
MEETS: AUG 20-DEC 14
2571050 K MW 10:10-11:55
F 11:00-12:00
MEETS: AUG 20-DEC 14
2571055 L MW 10:10-11:55
F 11:00-12:00
MEETS: AUG 20-DEC 14

ENVIRONML PLANNING DSN S 293 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
3864005 TR 12:40-2:00
MEETS: AUG 20-DEC 14
STUDY ABROAD SEM DSN S 301 1 CREDIT
Satisfactory-Fail Only.
7396005 1 M 7:00-7:50PM
FRENCH E
MEETS: AUG 20-DEC 14
Note: SECTION 1 RESTRICTED TO ARC, ARCH MAJORS

DESIGN LEADRSPM SEM DSN S 302 2 CREDITS
Prereq: SELECTION AS A PEER MENTOR FOR THE CORE DESIGN PROGRAM
Satisfactory-Fail Only.
8568005 1 ARRANGED
MEETS: AUG 20-DEC 14
Note: Instructor permission required.

DESIGN STUDIES (CONTINUED)

DESIGN AMBASSADRS DSN S 303 1-2 CREDITS
Prereq: ADMITTANCE INTO ONE OF THE PROFESSIONAL PROGRAMS IN THE COLLEGE OF DESIGN
Satisfactory-Fail Only.
1677005 1 ARRANGED
JOHNSON C
MEETS: AUG 20-DEC 14
LNDSCP:ANTQ TO 1750 DSN S 373 3 CREDITS
Note: Meets international perspectives reqmt
4650005 1 TR 9:30-10:50
MEETS: AUG 20-DEC 14
Note: SECTION 1 RESTRICTED TO L A, P LA MAJORS ONLY
4650010 2 TR 9:30-10:50
MEETS: AUG 20-DEC 14
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN L A, P LA

MODERN ART & THEORY DSN S 388 3 CREDITS
Note: Available for nonmajor graduate credit
1162005 TR 9:00-10:50
MEETS: AUG 20-DEC 14

HIST OF PHOTOGRAPHY DSN S 396 3 CREDITS
Note: Available for nonmajor graduate credit
Instructor permission required 1st week.
1199005 TR 11:00-12:20
MEETS: AUG 20-DEC 14

INTERNSH SEARCH SEM DSN S 397 1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION
3952005 MW 12:40-2:00
MEETS: AUG 20-DEC 14

GROWTH MANAGEMENT DSN S 425 3 CREDITS
Prereq: JUNIOR CLASSIFICATION

TOPCS NATIVE AM ARC DSN S 426 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: NO MORE THAN 6 CREDITS OF ARCH/AM IN/DSN S 426 MAY BE APPLIED TO THE ARCHITECTURE DEGREE PROGRAM
6816005 1 T 7:00-9:00PM
MEETS: AUG 20-DEC 14

TOPIC HIST/THRY/CRT DSN S 478D 2-3 CREDITS
Prereq: L A 202 OR SENIOR OR GRADUATE CLASSIFICATION
8281005 MW 9:10-10:50
MEETS: AUG 20-DEC 14

INDEPN STUDY DESIGN DSN S 490D 1-4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REG'D FORM PRIOR TO SEMESTER OF ENROLLMENT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TP ITALIAN CULT DSN S 492 1 CREDIT
Prereq: ENROLLMENT IN THE COLLEGE OF DESIGN ROME PROGRAM OR DSN S 301
6821005 1 M 6:00-6:50PM
FRENCH F
6821800 IT ARRANGED
SCHNEIDER P
MEETS: SEPT 5-DEC 14

TOPCS NATIVE AM ARC DSN S 426 3 CREDITS
Note: Meets U.S. diversity reqmt
MAY BE APPLIED TO THE ARCHITECTURE DEGREE PROGRAM
1216005 TR 4:10-5:30
MEETS: AUG 20-DEC 14

TOPICS IN ART HIST DSN S 498 3 CREDITS
Note: Instructor permission required 1st week.
2788005 A TR 12:40-2:00
MEETS: AUG 20-DEC 14
Note: SECTION A TOPIC: PHOTOGRAPHY AT WAR
2788010 B TR 2:10-3:30
MEETS: AUG 20-DEC 14
Note: SECTION B TOPIC: FILM THEORY
2788015 C ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION C TOPIC: THE WORLD ON DISPLAY

GROWTH MANAGEMENT DSN S 525 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
6821800 IT ARRANGED
SCHNEIDER P
MEETS: SEPT 5-DEC 14

STUDY ABROAD PROGRAM OR DSN S 301

Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012

Note: Meets international perspectives reqmt

Note: Available for nonmajor graduate credit

Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit

Note: Instructor permission required 1st week.

Note: Available for nonmajor graduate credit

Note: Available for nonmajor graduate credit

Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit

Note: SEC IT TAUGHT IN ROME, ITALY. COLLEGE OF DESIGN FALL ROME PROGRAM STUDY ABROAD FALL 2012
Study Abroad Administrative Fee Applies

Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit

Note: Instructor permission required 1st week.

Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
TO WAIT UNTIL AUGUST 2 TO REGISTER, GIVEN THERE ARE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE INTO THE GPIDEA-DIETETICS PROGRAM WILL RECEIVE AT 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED
Note: CONTACT KAREN SCHMIDT FOR PERMISSION TO REGISTER
MEETS: AUG 27-DEC 12
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
PHYTOCHEMICALS        DIET  546       3 CREDITS
Course delivery is WWW
Section XG is off campus
Instructor permission required.
STILL SEATS AVAILABLE.
TO WAIT UNTIL AUGUST 2 TO REGISTER, GIVEN THERE ARE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE INTO THE GPIDEA-DIETETICS PROGRAM WILL RECEIVE AT 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED
Note: CONTACT KAREN SCHMIDT FOR PERMISSION TO REGISTER
MEETS: AUG 20-DEC 14
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
MEETS: AUG 20-DEC 14
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR OR REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMENT
Note: Instructor permission required.
MEETS: AUG 20-DEC 14
Prereq: CONCURRENT ENROLLMENT IN 586
AQUATIC ECOLOGY LAB EEOB  586L  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN 586
5643005  1 T 12:10-1:00 MEETS: AUG 20-DEC 14
Note: Instructor permission required.
MEETS: AUG 20-DEC 14
Prereq: 564 OR EQUIVALENT
AQUATIC ECOLOGY LAB EEOB  586L  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN 586
5643010  2 T 3:10-6:00PM MEETS: AUG 20-DEC 14
Note: Instructor permission required.
MEETS: AUG 20-DEC 14
Prereq: ARCH 221, 222 OR SR CLASSIF OR GRAD STANDING
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012
1716005  1 TR 9:30-10:50 MEETS: AUG 20-DEC 14
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012
1716010  2 R 8:00-10:50 MEETS: OCT 15-DEC 14
Note: SEC 3 TOPIC: THE SPACE OF FILM
1716015  3 T 6:30-9:00PM MEETS: AUG 20-DEC 14
Community plan studio DSN  532  3 CREDITS
Prereq: 564 OR EQUIVALENT
2440005  A TR 2:10-5:30 MEETS: AUG 20-DEC 14
plan amer metropolis DSN  563  3 CREDITS
9381005  M 11:00-8:00PM MEETS: AUG 20-DEC 14
Values&Decision MAK  DSN  566  3 CREDITS
2482005  TR 12:40-2:00 MEETS: AUG 20-DEC 14
DSGN FOR ALL PEOPLE DSN  571  3 CREDITS
4715005  1 TR 11:00-12:30 MEETS: AUG 20-DEC 14
topic hist/thry/crt  DSN  578D  2- 3 CREDITS
8294005  MW 9:30-10:50 MEETS: AUG 20-DEC 14
Topical ST Graphics  DSN  578G  2- 3 CREDITS
8296005  WM 10:00-11:50 MEETS: AUG 20-DEC 14
DSGN FOR ALL PEOPLE DSN  571  3 CREDITS
4715005  1 TR 11:00-12:30 MEETS: AUG 20-DEC 14
note: restricted to design college graduate students
3200005  A MWF 11:00-11:50 MEETS: AUG 20-DEC 14
ECOLOGY, EVOLUTION & ORGANISMAL BIOL
Evolutionary ecology EEOB  514  3 CREDITS
7105005  1 TR 11:10-2:00 MEETS: AUG 21-SEP 20
Intro DNA techniqs EEOB  542A  1 CREDIT
7119005  1 TR 1:10-2:00 MEETS: SEP 25-OCT 25
Intro Cell techniqs EEOB  542C  1 CREDIT
7121005  1 TR 1:10-2:00 MEETS: SEP 25-OCT 25
Special topics EEB  590  1- 3 CREDITS
5778005  TR 1:10-3:30 MEETS: SEP 25-OCT 25
plant evol&phylogny EEOB  551X  4 CREDITS
4912005  MWF 10:00-10:50 MEETS: AUG 20-DEC 14
Molecular evolution EEOB  566  3 CREDITS
6981005  1 TR 11:00-12:20 MEETS: AUG 20-DEC 14
landscape Ecology EEOB  570  3 CREDITS
1029005  1 TR 11:00-12:20 MEETS: AUG 20-DEC 14
Community Ecology EEOB  585  3 CREDITS
2133005  MW 10:00-10:50 MEETS: AUG 20-DEC 14
Aquatic ecology EEOB  586  3 CREDITS
5636005  TR 9:30-10:50 MEETS: AUG 20-DEC 14
AQUATIC ECOLOGY       EEOB  586       3 CREDITS
MEETS: AUG 20-DEC 14
Prereq: BIOL 312, GRADUATE STANDING
MEETS: AUG 20-DEC 14
Prereq: INSTRUCTR PERMSN; EEOB 588/589; CALCULUS
MEETS: AUG 20-DEC 14
Prereq: GRADUATE CLASSIFICATION
MEETS: AUG 20-DEC 14
Prereq: CONCURRENT ENROLLMENT IN 586
MEETS: AUG 20-DEC 14
Prereq: ARCH 221, 222 OR SR CLASSIF OR GRAD STANDING
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012
1716005  1 TR 9:30-10:50 MEETS: AUG 20-DEC 14
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012
1716010  2 R 8:00-10:50 MEETS: OCT 15-DEC 14
Note: SEC 2 TOPIC - CRAFT AND CRAFTY ACTION:
1716015  3 T 6:30-9:00PM MEETS: AUG 20-DEC 14
Note: SEC 3 TOPIC: THE SPACE OF FILM
1716015  3 T 6:30-9:00PM MEETS: AUG 20-DEC 14
Note: SEC 3 TOPIC: THE SPACE OF FILM
1716015  3 T 6:30-9:00PM MEETS: AUG 20-DEC 14
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1716015  3 T 6:30-9:00PM MEETS: AUG 20-DEC 14
Note: SEC 3 TOPIC: THE SPACE OF FILM
1716015  3 T 6:30-9:00PM MEETS: AUG 20-DEC 14
Note: SEC 3 TOPIC: THE SPACE OF FILM
ECONOMICS

**PRIN MICROECONOMICS**

**ECON 101** 3 CREDITS
Prereq: ECON 102

3100005 1 MWF 9:00-9:50 OZARIM P
MEETS: AUG 20-DEC 14

3100015 2 MWF 10:00-10:50 WINTERQ O
MEETS: AUG 20-DEC 14

3100010 3 MWF 11:00-11:50 HERRIGES J
MEETS: AUG 20-DEC 14

3100020 4 MWF 12:00-12:50
MEETS: AUG 20-DEC 14

3100025 5 MWF 1:00-1:50
MEETS: AUG 20-DEC 14

3100030 6 MWF 2:00-2:50
MEETS: AUG 20-DEC 14

3100040 7 TR 9:30-10:50 QUINN B
MEETS: AUG 20-DEC 14

3100045 8 TR 11:30-12:20 KLEIN C
MEETS: AUG 20-DEC 14

3100050 9 MWF 11:00-11:50 HAYES D
MEETS: AUG 20-DEC 14

Note: SECTION 9 RESTRICTED TO AG B, P S A MAJORS. STUDENTS ENROLLING IN DEC 9 MUST TAKE SECTION 1 OR 2 OF 101L.

3100065 XW ARRANGED GUNDERSEN L
MEETS: AUG 20-DEC 14
Note: Section XW is off campus Course delivery is WWW

3100055 10 TR 2:10-3:00 KREIDER B
MEETS: AUG 20-DEC 14

3100060 11 MW 6:10-7:00 LANCE S
MEETS: AUG 20-DEC 14

3100050 12 ARRANGED GUNDERSEN L
MEETS: AUG 20-DEC 14
Note: Course delivery is WWW

**PRIN MACROECONOMICS**

**ECON 102** 3 CREDITS
Prereq: ECON 101

3099005 1 MWF 10:00-10:50 MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu/undergraduate-programs/courses

3099010 2 MWF 11:00-11:50 MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu/undergraduate-programs/courses

3099015 3 TR 9:30-10:15 MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu/undergraduate-programs/courses

3099020 4 TR 12:40-1:00 MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu/undergraduate-programs/courses

3099025 5 MWF 2:10-3:00 WANG C
MEETS: AUG 20-DEC 14

3099030 6 ARRANGED GUNDERSEN L
MEETS: AUG 20-DEC 14

3099060 XW ARRANGED GUNDERSEN L
MEETS: AUG 20-DEC 14
Note: Course delivery is WWW

**ORIENTATION AG BUSI**

**ECON 110** .5 CREDIT
Prereq: MATH 151, MATH 160, MATH 165 OR EQUIVALENT

3172005 1 TR 2:10-3:00 MEETS: AUG 21-NOV 15
LUVAGE E

Section info: http://www.econ.iastate.edu/undergraduate-programs/courses

3172010 2 TR 2:10-3:00 LUVAGE E

Note: SECTION 2 FOR INCOMING TRANSFER STUDENTS

**APPL ECON OPTIMIZATION**

**ECON 207** 3 CREDITS
Prereq: MATH 151, MATH 160, MATH 165 OR

2753005 1 MWF 10:00-10:50 MEETS: AUG 20-DEC 14
R 8:00-9:50

2753010 2 MW 10:00-10:50 MEETS: AUG 20-DEC 14
W 3:10-4:00

Note: SECTION 2 FOR INCOMING TRANSFER STUDENTS

**FARM BUSINESS**

**MGT 230** 3 CREDITS
Prereq: ECON 101; ACCT 294

3177005 1 MWF 1:10-2:00 MEETS: AUG 20-DEC 14
KLEIBenstein J

3177010 2 MWF 1:10-2:00 JACOBS K
MEETS: AUG 20-DEC 14

**SMALL BUSINESS MGMT**

**ECON 234** 3 CREDITS
Prereq: ECON 101

4709005 1 TR 10:30-11:25 KIMLE K
MEETS: AUG 20-DEC 14

**INTRO AGRI MARKETS**

**ECON 235** 3 CREDITS
Prereq: ECON 101

3174005 1 TR 9:30-10:50 BEHAGH J
MEETS: AUG 20-DEC 14

3174010 2 TR 12:40-2:00 MEETS: AUG 20-DEC 14

**CAREER SEMINAR**

**ECON 292** 1 CREDIT
Prereq: CLASSIFICATION IN ECON OR AG BUSINESS

4875005 1 W 12:10-1:00 MEETS: AUG 20-DEC 14
DEITRE R

**INTERNSHIP**

**ECON 297** 2 CREDITS
Prereq: INSTRUCTOR PERMISSION, MAJOR IN AG BUSINESS OR ECONOMICS

2040005 1 W 3:10-5:00 MEETS: AUG 20-DEC 14
LUVAGE E

Note: NO MORE THAN 4 CREDITS OF ECON 297 MAY BE APPLIED TOWARD GRADUATION Satisfactory-Fail Only.
### ECONOMICS (CONTINUED)

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Type</th>
<th>Credits</th>
<th>Description</th>
<th>Prerequisites</th>
<th>Notes</th>
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<tbody>
<tr>
<td>4834005</td>
<td>ARRANGED</td>
<td>3-4 CREDITS</td>
<td>INTERMED MICROECON</td>
<td>ECON 101, ECON 102, MATH 160 or MATH 165</td>
<td>Available for nonmajor graduate credit.</td>
</tr>
<tr>
<td>3101005</td>
<td>1 TR 11:00-12:15</td>
<td>3 CREDITS</td>
<td>AGRICULTURAL SELLING</td>
<td>ECON 336</td>
<td>Section info: <a href="http://www.econ.iastate.edu/programs/courses">http://www.econ.iastate.edu/programs/courses</a></td>
</tr>
<tr>
<td>3119005</td>
<td>1 MWF 2:10-3:00</td>
<td>3 CREDITS</td>
<td>MANAGERIAL ECONOMICS</td>
<td>ECON 431</td>
<td>Note: Available for nonmajor graduate credit.</td>
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<tr>
<td>3173005</td>
<td>1 TR 12:40-2:00</td>
<td>3 CREDITS</td>
<td>AGRICULTURAL ACCOUNTING</td>
<td>ECON 333</td>
<td>Section info: <a href="http://www.econ.iastate.edu/programs/courses">http://www.econ.iastate.edu/programs/courses</a></td>
</tr>
<tr>
<td>3182005</td>
<td>1 TR 12:40-2:00</td>
<td>3 CREDITS</td>
<td>INDEPENDENT STUDY</td>
<td>ECON 490</td>
<td>Note: Instructors permission required.</td>
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</table>

### COOPERATIVE EDUCATION (Continued)

<table>
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<tr>
<th>Course ID</th>
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<tbody>
<tr>
<td>4835005</td>
<td>ARRANGED</td>
<td>3-4 CREDITS</td>
<td>INTL TRADING &amp; FINANCE</td>
<td>ECON 101, ECON 102</td>
<td>Available for nonmajor graduate credit.</td>
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<tr>
<td>319005</td>
<td>1 TR 2:10-3:00</td>
<td>3 CREDITS</td>
<td>INTRODUCTION TO ECONOMICS</td>
<td>ECON 101</td>
<td>Note: Graduate classification.</td>
</tr>
<tr>
<td>3110005</td>
<td>1 TR 11:00-12:15</td>
<td>3 CREDITS</td>
<td>PRINCIPLES OF ECONOMICS</td>
<td>ECON 101</td>
<td>Note: Instructor permission required.</td>
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</table>

### LABOR ECONOMICS (Continued)

<table>
<thead>
<tr>
<th>Course ID</th>
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<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3101010</td>
<td>2 TR 11:00-12:15</td>
<td>3 CREDITS</td>
<td>INTRO TO LABOR ECONOMICS</td>
<td>ECON 320</td>
<td>Section info: <a href="http://www.econ.iastate.edu/programs/courses">http://www.econ.iastate.edu/programs/courses</a></td>
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<tr>
<td>3101015</td>
<td>3 MWF 10:00-10:50</td>
<td>3 CREDITS</td>
<td>MANAGERIAL ECONOMICS</td>
<td>ECON 431</td>
<td>Note: Available for nonmajor graduate credit.</td>
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</table>

### MONEY, BANK, & FINANCE (Continued)

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<tr>
<th>Course ID</th>
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<th>Prerequisites</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>3183005</td>
<td>1 TR 13:00-14:00</td>
<td>3 CREDITS</td>
<td>FINANCIAL MANAGEMENT</td>
<td>ECON 301</td>
<td>Note: Available for nonmajor graduate credit.</td>
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<tr>
<td>3183010</td>
<td>2 TR 10:00-11:15</td>
<td>3 CREDITS</td>
<td>AGRICULTURAL ACCOUNTING</td>
<td>ECON 333</td>
<td>Section info: <a href="http://www.econ.iastate.edu/programs/courses">http://www.econ.iastate.edu/programs/courses</a></td>
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### RURAL & URBAN ECONOMICS (Continued)

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<th>Course ID</th>
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</thead>
<tbody>
<tr>
<td>3185005</td>
<td>1 TR 10:00-11:15</td>
<td>3 CREDITS</td>
<td>INTRODUCTION TO ECONOMICS</td>
<td>ECON 101</td>
<td>Note: Graduate classification.</td>
</tr>
<tr>
<td>3186005</td>
<td>2 TR 11:00-12:15</td>
<td>3 CREDITS</td>
<td>MANAGERIAL ECONOMICS</td>
<td>ECON 431</td>
<td>Note: Available for nonmajor graduate credit.</td>
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</table>

### INTRO ECONOMETRICS (Continued)

<table>
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<th>Course ID</th>
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<th>Prerequisites</th>
<th>Notes</th>
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<tbody>
<tr>
<td>2790005</td>
<td>1 MTW 9:00-9:50</td>
<td>3 CREDITS</td>
<td>INTRODUCTION TO ECONOMETRICS</td>
<td>ECON 230</td>
<td>Note: Available for nonmajor graduate credit.</td>
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</table>

### COOPERATIVE EDUCATION (Continued)

<table>
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<tr>
<th>Course ID</th>
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<tbody>
<tr>
<td>4836005</td>
<td>ARRANGED</td>
<td>3-4 CREDITS</td>
<td>AGRICULTURAL ECONOMICS</td>
<td>ECON 336</td>
<td>Section info: <a href="http://www.econ.iastate.edu/programs/courses">http://www.econ.iastate.edu/programs/courses</a></td>
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<tr>
<td>319005</td>
<td>1 TR 2:10-3:00</td>
<td>3 CREDITS</td>
<td>INTRODUCTION TO ECONOMICS</td>
<td>ECON 101</td>
<td>Note: Graduate classification.</td>
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<td>3110005</td>
<td>1 TR 11:00-12:15</td>
<td>3 CREDITS</td>
<td>MANAGERIAL ECONOMICS</td>
<td>ECON 431</td>
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### LABOR ECONOMICS (Continued)

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<tr>
<td>3101010</td>
<td>2 TR 11:00-12:15</td>
<td>3 CREDITS</td>
<td>INTRO TO LABOR ECONOMICS</td>
<td>ECON 320</td>
<td>Section info: <a href="http://www.econ.iastate.edu/programs/courses">http://www.econ.iastate.edu/programs/courses</a></td>
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<tr>
<td>3101015</td>
<td>3 MWF 10:00-10:50</td>
<td>3 CREDITS</td>
<td>MANAGERIAL ECONOMICS</td>
<td>ECON 431</td>
<td>Note: Available for nonmajor graduate credit.</td>
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### MONEY, BANK, & FINANCE (Continued)

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<td>3183005</td>
<td>1 TR 13:00-14:00</td>
<td>3 CREDITS</td>
<td>FINANCIAL MANAGEMENT</td>
<td>ECON 301</td>
<td>Note: Available for nonmajor graduate credit.</td>
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<td>3183010</td>
<td>2 TR 10:00-11:15</td>
<td>3 CREDITS</td>
<td>AGRICULTURAL ACCOUNTING</td>
<td>ECON 333</td>
<td>Section info: <a href="http://www.econ.iastate.edu/programs/courses">http://www.econ.iastate.edu/programs/courses</a></td>
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### RURAL & URBAN ECONOMICS (Continued)

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<tbody>
<tr>
<td>3185005</td>
<td>1 TR 10:00-11:15</td>
<td>3 CREDITS</td>
<td>INTRODUCTION TO ECONOMICS</td>
<td>ECON 101</td>
<td>Note: Graduate classification.</td>
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<td>3186005</td>
<td>2 TR 11:00-12:15</td>
<td>3 CREDITS</td>
<td>MANAGERIAL ECONOMICS</td>
<td>ECON 431</td>
<td>Note: Available for nonmajor graduate credit.</td>
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</table>
ECONOMICS (CONTINUED)

IND STRDY ENTREPRENR ECON 490E  1-5 CREDITS
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
Satisfactory-Fail Only.

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

INDEPENDENT HONORS ECON 490H  1-5 CREDITS
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.
AG COLLEGE MAJORS MAY USE NO MORE THAN 1 CR. OF ECON 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.
Note: AG LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 3 CR. OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CR. OF ECON 490 TOWARD GRADUATION.
COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM.
Satisfactory-Fail Only.

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

GRADUATING SR SURVEY ECON 492  R CREDIT
Prereq: GRADUATING SENIOR
Satisfactory-Fail Only.
6208005  1 R 4:10-5:00  DEITER R
MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses

COOPERATIVE EDUC ECON 498  R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
Note: Permission of adviser required.
4836005  1 ARRANGED  DEITER R
MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses

QUANTITATIVE EC ANALY I ECON 500  4 CREDITS
Prereq: ECON 301, 1 YEAR OF CALCULUS, STAT 401, AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION
3127005  1 MW 11:30-1:00  BUNZEL H
F 11:00-12:00  BUNZEL H
MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu
/graduate-programs/courses

MICROECONOMICS ECON 501  4 CREDITS
Prereq: ECON 301, CREDIT OR ENROLLMENT IN ECON 500 OR EQUIVALENT BACKGROUND IN CALCULUS AND STATISTICS
7913005  1 TR 1:10-3:00  QUIRMBACH H
F 10:10-12:00  QUIRMBACH H
MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu
/graduate-programs/courses

LABOR SUP & HUMAN RES ECON 520  3 CREDITS
Prereq: ECON 501 OR ECON 601
3191005  1 MF 11:00-12:00  HUFFMAN W
MEETS: AUG 20-DEC 14

MNGRL EC GLOBAL ORG ECON 532  3 CREDITS
Prereq: ECON 101 AND ENROLLMENT IN MBA OR BAS PROGRAM; NOT FOR ECONOMICS MAJORS
3128010  1 R 8:30-11:30  WOHLGEMUTH D
MEETS: AUG 30-NOV 15
Section info: http://www.econ.iastate.edu
/undergraduate-programs/courses

SPECIAL TOPICS ECON 590  1-5 CREDITS
Satisfactory-Fail Only.

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

CREATIVE COMPONENT ECON 599  1-5 CREDITS
Satisfactory-Fail Only.

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

QUANT MTH EC ANALY II ECON 600  4 CREDITS
Prereq: ECON 500
7911005  1 TR 11:00-1:00  SCHRÖTER J
F 11:00-12:00  SCHRÖTER J
MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu
/graduate-programs/courses

MICROCON ANALYSIS I ECON 601  4 CREDITS
Prereq: ECON 301, PREVIOUS OR CONCURRENT ENROLLMENT IN 600 AND PERMISSION OF DIRECTOR OF GRADUATE STUDIES REQUIRED.
Note: PERMISSION OF DIRECTOR OF ECON GRAD STUDIES REQUIRED.
Department permission required.
3124005  1 MW 9:00-10:50  LAPAN H
F 3:10-5:00  LAPAN H
MEETS: AUG 20-DEC 14
Section info: http://www.econ-iastate.edu
/graduate-programs/courses

ADVANCED TOPICS ECON 603  3 CREDITS
Prereq: ECON 603
3140005  1 TR 9:30-10:50  LAPAN H
MEETS: AUG 20-DEC 14

ADV MACROECON ANALYSIS ECON 604  4 CREDITS
Prereq: ECON 601, ECON 602 AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION
Note: Department permission required.
3156005  1 MW 1:10-3:00  FRANKEL D
F 1:10-2:00  FRANKEL D
MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu
/graduate-programs/courses

GAME THEORY ECON 618  3 CREDITS
Prereq: ECON 603, OR ECON 501 AND PERMISSION OF DIRECTOR
9532005  1 TR 11:00-12:15  MOBIEUS M
MEETS: AUG 20-DEC 14

AGRICULTURAL ECON ECON 620  3 CREDITS
2944005  1 TR 12:40-2:00  BABCOCK B
MEETS: AUG 20-DEC 14

FINANCIAL ECONOMICS ECON 653  3 CREDITS
Prereq: ECON 603, ECON 672. RECOMMENDED: ECON 674, STAT 551
3138005  1 TR 2:10-3:25  LENCE S
MEETS: AUG 20-DEC 14

INTERNATIONAL TRADE ECON 655  3 CREDITS
Prereq: ECON 603
3140005  1 TR 9:30-10:50  LAPAN H
MEETS: AUG 20-DEC 14

ECONOMETRICS I ECON 671  4 CREDITS
Prereq: ECON 501 AND STAT 447 OR STAT 542
3145005  1 TR 9:30-10:50  CALHOUN G
F 9:00-10:50  CALHOUN G
MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu
/graduate-programs/courses

MICROECONOMETRICS ECON 673  3 CREDITS
7404005  1 MF 9:00-9:50  HERRIGES J
MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu
/graduate-programs/courses

ADV RESOURCE ECON ECON 680  3 CREDITS
3204005  1 TR 8:00-9:15  WENINGER Q
MEETS: AUG 20-DEC 14
Section info: http://www.econ.iastate.edu
/graduate-programs/courses

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
8649005  1 ARRANGED  SCHROETER J
MEETS: AUG 20-DEC 14
Section info: Tuition Category: Workshop
http://www.econ.iastate.edu
/graduate-programs/courses

RESEARCH ECON 699  VAR. CREDITS
Satisfactory-Fail Only.

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

EDUCATIONAL ADMINISTRATION

SPECIAL TOPICS EDA 590  1-4 CREDITS
Prereq: 9 CREDITS IN EDUCATION

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

SEMINAR IN RESEARCH EDA 615B  1-3 CREDITS
3209005  1 W 5:30-8:30PM  MEETS: AUG 20-DEC 14
Note: Instructor permission required.
Tuition Category: Workshop

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

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

DISSECT RESEARCH EDA 699  VAR. CREDITS
Prereq: 9 CREDITS IN EDUCATION

********  SEE DEPT FOR REFERENCE NUMBERS
ELECTRICAL ENGINEERING (CONTINUED)

ELECTRIC CIRCUITS E E 201 4 CREDITS
2120045 K MWF 2:10-3:00
R 3:10-5:00
MEETS: AUG-DEC 14
2120050 L MWF 2:10-3:00
R 5:10-7:00PM
MEETS: AUG-DEC 14

SIGNALS & SYSTEMS I E E 224 4 CREDITS
2506405 A TR 4:10-5:30
W 4:10-7:00PM
MEETS: AUG-DEC 14
2506401 B TR 4:10-5:30
R 1:10-4:00
MEETS: AUG-DEC 14
2506405 C TR 4:10-5:30
R 1:10-4:00
MEETS: AUG-DEC 14
2506420 D TR 4:10-5:30
T 10:00-12:15
MEETS: AUG-DEC 14
2506425 E TR 4:10-5:30
T 1:10-4:00
MEETS: AUG-DEC 14

ELECTRON CIRCS&SYS E E 230 4 CREDITS
4639005 A MWF 8:00-8:50
MEETS: AUG-DEC 14
4639010 B MWF 8:00-8:50
T 5:10-8:00PM
MEETS: AUG-DEC 14
4639015 C MWF 8:00-8:50
R 8:00-10:50
MEETS: AUG-DEC 14
4639020 D MWF 8:00-8:50
W 11:00-1:50
MEETS: AUG-DEC 14
4639025 E MWF 8:00-8:50
T 8:00-10:50
MEETS: AUG-DEC 14

TRANSFER ORIENTATIO E E 261 R CREDIT
9197005 A W 11:00-11:50
MEETS: AUG-DEC 14
9197010 B T 11:00-11:50
MEETS: AUG-DEC 14

PROGRAM DISCOVERY E E 294 R CREDIT
Prereq: 166 OR CPR E 166
5380005 ARRANGED
MEETS: AUG-DEC 14

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

ENERGY SYS&PWR ELTRN E E 303 3 CREDITS
2889005 A MWF 8:00-10:50
MEETS: AUG-DEC 14
2889600 XE ARRANGED
MEETS: AUG-DEC 14
Note: Available for nonmajor graduate credit
3415005 B T 8:00-9:15
MEETS: AUG-DEC 14

COMMUNIC SYSTEMS II E E 324 4 CREDITS
2192005 A MWF 2:10-3:00
T 4:10-7:00PM
MEETS: AUG-DEC 14
2192010 B MWF 2:10-3:00
W 8:00-10:50
MEETS: AUG-DEC 14

COMMUNIC SYSTEMS I E E 321 3 CREDITS
2901005 A MWF 2:10-3:00
MEETS: AUG-DEC 14

PROBAB MTH,ELEC ENG E E 322 3 CREDITS
4342005 TR 11:00-12:15
MEETS: AUG-DEC 14

EDUCATIONAL LEADERSHIP & POLICY ST
ELECTRICAL ENGINEERING (CONTINUED)

INTEGRATED ELECTRONS E E  330  4 CREDITS
Prereq: 201, CREDIT OR REGISTRATION IN 230, CPR E
Note: CREDIT FOR EITHER CPR E/E E 330 OR E E 331,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Available for nonmajor graduate credit
5635005  A  MWF 12:10-1:00  MEETS: AUG 20-DEC 14
5635010  B  MWF 12:10-1:00  MEETS: AUG 20-DEC 14
5635015  C  MWF 12:10-1:00  MEETS: AUG 20-DEC 14
5635020  D  MWF 12:10-1:00  MEETS: AUG 20-DEC 14
5635025  E  MWF 12:10-1:00  MEETS: AUG 20-DEC 14
5635035  F  MWF 12:10-1:00  MEETS: AUG 20-DEC 14

SEMICOND MTRL&DEVICE E E  332  3 CREDITS
Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E
MAJORS: MAT E 230; ADDITIONAL PREREQ FOR E E AND
CPR E MAJORS: E E 230
Note: Available for nonmajor graduate credit
2195005  A  TR 12:40-2:00  MEETS: AUG 20-DEC 14

SUSTNBL E&INT'L DEV E E  388  3 CREDITS
Prereq: JUNIOR CLASSIFICATION IN ENGINEERING
Note: MEets international perspectives reqmt
8121005  A1  MM 3:10-4:00
8121010  A2  MM 3:10-4:00

PROGRAM EXPLORATION E E   394  R CREDIT
Prereq: 294 OR CPR E 294
Satisfactory-Pass Only.
5403005  ARRANGED  MEETS: AUG 20-DEC 14

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

MICROWAVE ENGINEERING E E   414  4 CREDITS
Prereq: 230, 311
Note: Available for nonmajor graduate credit
2897005  A  WFM 8:00-9:30  MEETS: AUG 20-DEC 14
2897010  B  WFM 8:00-9:30  MEETS: AUG 20-DEC 14

HI SPEED SYS MEASUR E E   418  4 CREDITS
Prereq: 230 and 311
Note: Available for nonmajor graduate credit
5759005  A  TR 11:00-12:30  MEETS: AUG 20-DEC 14
5759010  B  TR 11:00-12:30  MEETS: AUG 20-DEC 14
5759015  C  TR 11:00-12:30  MEETS: AUG 20-DEC 14

NANO-ELECTRONICS E E   439  3 CREDITS
Prereq: 332 OR MAT E 331
Note: Available for nonmajor graduate credit
7414005  A  MMF 11:00-12:30  MEETS: AUG 20-DEC 14

INTR CIRCUIT&INSTRM E E   442  2 CREDITS
Prereq: PHYS 222, MATH 267
Note: CREDIT FOR EITHER E E 421 OR E E 442, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR
E E 442 MAY NOT BE APPLIED TOWARD A DEGREE IN E E
OR CPR E. RESTRICTED TO MAJORS OTHER THAN E E, CPR E,
E CPE.
Available for nonmajor graduate credit
4723005  A  W 3:40-5:00  MEETS: AUG 20-OCT 12

ELECTRICAL ENGINEERING (CONTINUED)

INTGR CIRCUIT&INSTRM E E   442  2 CREDITS
4723010  B  MM 3:40-5:00
4723015  C  MM 3:40-5:00
4723020  D  MM 3:40-5:00
4723025  E  MM 3:40-5:00
4723030  F  MM 3:40-5:00
4723040  G  MM 3:40-5:00
4723045  H  MM 3:40-5:00
4723050  K  MM 3:40-5:00
4723055  L  MM 3:40-5:00
4723060  M  MM 3:40-5:00
4723065  N  MM 3:40-5:00

INTRO AC CIRC&MOTOR E E   448  2 CREDITS
Prereq: 303 OR 411 OR 442
Note: CREDIT FOR E E 448 MAY NOT BE APPLIED TOWARD A
DEGREE IN EITHER E E OR CPR E. COURSE RESTRICTED TO
MAJORS OTHER THAN E E, CPR E, E CPE.
Available for nonmajor graduate credit
4775005  A  MM 3:40-5:00
4775010  B  MM 3:40-5:00
4775015  C  MM 3:40-5:00
4775020  D  MM 3:40-5:00
4775025  E  MM 3:40-5:00
4775030  F  MM 3:40-5:00
4775035  G  MM 3:40-5:00
4775040  H  MM 3:40-5:00
4775045  I  MM 3:40-5:00
4775050  L  MM 3:40-5:00
4775055  M  MM 3:40-5:00
4775060  N  MM 3:40-5:00

INTRO ENRG DIST SYS E E   455  3 CREDITS
Prereq: 301, CREDIT OR REGISTRATION IN 324
Note: Available for nonmajor graduate credit
6595600  XE ARRANGED  MEETS: AUG 20-DEC 14
Note: Live viewing available MMF 12:10-1 PM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

POWER SYST ANALYS I E E   456  3 CREDITS
Prereq: 301, CREDIT OR REGISTRATION IN 324
Note: Available for nonmajor graduate credit
2912600  XE ARRANGED  MEETS: AUG 20-DEC 14
Note: Live viewing available MMF 12:10-1 PM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming
### ELECTRICAL ENGINEERING (CONTINUED)

**DIGITAL VLSI DESIGN** E E 465 4 CREDITS  
Prereq: 330  
Note: Available for nonmajor graduate credit  
8892005 A TR 8:00-9:10  
M 5:10-6:00PM  
MEETS: AUG 20-DEC 14  
8892010 B TR 8:00-9:10  
W 2:10-5:00  
MEETS: AUG 20-DEC 14  

**MULTIDISC ENGR DSGN** E E 466 3 CREDITS  
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION PERMISSION OF INSTRUCTOR  
1900005 A M 4:10-5:00, ARRANGED  
MEETS: AUG 20-DEC 14  

**AUTOMAT CONTROLL SYS** E E 475 3 CREDITS  
Prereq: 324  
Note: Available for nonmajor graduate credit  
2914005 A MWF 11:00-11:50  
MEETS: AUG 20-DEC 14  
2914600 XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE MWF 11-11:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
Section XE is off campus  
Course delivery is Videostreaming  

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

**INDEP STUDY HONORS** E E 490H VAR. CREDITS  
Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR  
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY  
Note: Instructor permission required 1st week.  
******* SEE DEPT FOR REFERENCE NUMBERS  

**SR DESIGN PROJ I&PRO** E E 491 3 CREDITS  
Prereq: 308 OR E E 322, COMPLETION OF 24 CREDITS IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGR 314  
Note: COURSE RESTRICTED TO CPR E, E E JUNIORS & SENIORS  
Instructor permission required 1st week.  
******* SEE DEPT FOR REFERENCE NUMBERS  

**PORTFOLIO ASSESSMT** E E 494 R CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 491  
Note: COURSE RESTRICTED TO CPR E, E E JUNIORS & SENIORS  
9515002 A R 2:10-3:00, ARRANGED  
MEETS: AUG 20-DEC 14  

**COOPERATIVE EDUC** E E 498 R CREDIT  
Prereq: 399, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
******* SEE DEPT FOR REFERENCE NUMBERS  

**ANALYSISIG VLSI TCNQ** E E 501 4 CREDITS  
Prereq: 435  
5328005 A MWF 2:10-3:30  
R 5:10-6:00PM  
MEETS: AUG 20-DEC 14  
5328600 XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE MW 2:10-3:30 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
Section XE is off campus  
Course delivery is Videostreaming  

**FILTER DESIGN &APPL** E E 508 4 CREDITS  
Prereq: 501  
1136005 MWF 10:00-10:50  
ARRANGED  
MEETS: AUG 20-DEC 14  
1136600 XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE MW 10-10:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
Section XE is off campus  
Course delivery is Videostreaming  

**TOPICS ELECTROMAGNT** E E 510 1-3 CREDITS  
Prereq: 311  
2929005 ARRANGED  
MEETS: AUG 20-DEC 14  
2929600 XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION XE OFFERED FOR 3 CR FALL 2012  

**ADV COMMUNICATIONS** E E 521 3 CREDITS  
Prereq: 422  
9207010 A MM 5:10-6:25PM  
T 8:00-10:50  
MEETS: AUG 20-DEC 14  
9207600 XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE MW 5:10-6:25 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
Section XE is off campus  
Course delivery is Videostreaming  

**DIG SIGNAL PROCESS** E E 524 3 CREDITS  
Prereq: 322, 424, MATH 317  
2939005 A MWF 10:00-10:50  
MEETS: AUG 20-DEC 14  
2939600 XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: SECTION XE OFFERED FOR 3 CR FALL 2012  

**DIGITAL IMAGE PROC** E E 528 3 CREDITS  
Prereq: 322, 424  
7323005 M WF 12:10-1:00  
MEETS: AUG 20-DEC 14  
7323600 XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE MW 12:10-1:00 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
Section XE is off campus  
Course delivery is Videostreaming  

**TOPICS ENGINEERING** E E 514 4 CREDITS  
Prereq: 311  
4791005 A MWF 8:00-8:50  
T 8:00-10:50  
MEETS: AUG 20-DEC 14  
4791010 B MWF 8:00-8:50  
F 11:00-1:00  
MEETS: AUG 20-DEC 14  

**MICROWAVE ENGINEERING** E E 519 3 CREDITS  
Prereq: 311, MAT 211 OR 271 OR 272 OR PHYS 364  
6250005 MF 9:00-9:50  
MEETS: AUG 20-DEC 14  
6250600 XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE MW 9:50-10:40 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
Section XE is off campus  
Course delivery is Videostreaming  

**TOPICS IN COMMUNICS** E E 520 3 CREDITS  
7695005 TR 12:10-1:30  
MEETS: AUG 20-DEC 14  
7695600 XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE MW 12:10-1:30 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
Section XE is off campus  
Course delivery is Videostreaming  

**MICROELECTRONICS** E E 530 3 CREDITS  
Prereq: 322, 332  
9526005 ARRANGED  
MEETS: AUG 20-DEC 14  

**SEMICONDUCTOR PHYSICS** E E 535 4 CREDITS  
Prereq: 311 AND 332  
2941005 A M 6:10-7:30PM  
MEETS: AUG 20-DEC 14
ENGINEERING (CONTINUED)

ENGR PROB & CPR LAB ENGR 160 3 CREDITS
Prereq: MATH 142 OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR ENROLLMENT IN MATH 160
Note: COURSE RESTRICTED TO A E, BSE, C E, CR E, CON E, CPR E, E E, ENGR, ENGS, ENG, I E, M E, MAY E, S E MAJORS

MEETS: AUG 20-DEC 14
3946050 A1 MW 8:00-9:50
MEETS: AUG 20-DEC 14
3946010 B1 MW 10:00-11:50
MEETS: AUG 20-DEC 14
3946011 B2 MW 10:00-11:50
MEETS: AUG 20-DEC 14
3946015 C1 MW 12:10-2:00
MEETS: AUG 20-DEC 14
3946016 C2 MW 12:10-2:00
MEETS: AUG 20-DEC 14
3946020 D1 MW 2:10-4:00
MEETS: AUG 20-DEC 14
3946021 D2 MW 2:10-4:00
MEETS: AUG 20-DEC 14
3946025 E1 TR 8:00-9:50
MEETS: AUG 20-DEC 14
3946040 F1 TR 10:00-11:50
MEETS: AUG 20-DEC 14
3946046 G1 TR 11:10-1:00
MEETS: AUG 20-DEC 14
3946047 G2 TR 1:10-3:00
MEETS: AUG 20-DEC 14
3946050 J2 TR 2:10-4:00
MEETS: AUG 20-DEC 14
3946055 J3 TR 2:10-4:00
MEETS: AUG 20-DEC 14
3946600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: Section XE is off campus
Course delivery is WWW

HONR ENGR W/CPR LAB ENGR 160H 3 CREDITS
Prereq: SATISFACTORY SCORES ON MATHEMATICS PLACEMENT EXAM; CREDIT OR ENROLLMENT IN MATH 142, 165; MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: RESTRICTED TO ENGR STUDENTS IN THE UNIVERSITY HONORS PROGRAM

3797005 1 TR 10:00-11:50
MEETS: AUG 20-DEC 14
3797010 2 TR 12:10-2:00
MEETS: AUG 20-DEC 14

E2020 SEMINR:PILLAR ENGR 210 1 CREDIT
Prereq: 115, E2020 SCHOLARS RECIPIENT
Note: CREDIT IN ENGR 210 MAY NOT BE APPLIED TOWARD GRADUATION IN ANY ENGINEERING COLLEGE CURRICULUM

9443005 W 5:10-6:00PM
MEETS: AUG 20-DEC 14

ENGR:THOT TO THING ENGR 260 3 CREDITS

5528005 6 R 1:10-3:00
MEETS: AUG 20-DEC 14

SURV IMPCT OF ENGRG ENGR 265 3 CREDITS

2212005 ARRANGED
MEETS: AUG 20-DEC 14

INT'L EXPRNC REPORT ENGR 320 3 CREDITS
Prereq: SATISFACTORY COMPLETION OF INTERNATIONAL EXPERIENCE OF AT LEAST 10 WEEKS OR 9 CREDITS OF APPROVED COURSE WORK TAKEN ABROAD
Note: Meets international perspectives reqmt
Satisfactory-Fail Only.

7283005 ARRANGED
MEETS: AUG 20-DEC 14
Note: College permission required.

INTRO WIND ENERGY ENGR 340 3 CREDITS
Prereq: MATH 156, PHYS 222

2219600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE TR 5:10-6:25 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

DEANS LDRSHIP SEMNAR ENGR 350 1 CREDIT
Prereq: SELECTION BASED ON DEMONSTRATED COMMITMENT TO LEADERSHIP DEVELOPMENT; CREDIT OR ENGR 350 MAY NOT BE APPLIED TOWARD A DEGREE IN ENGINEERING
Instructor permission required.
Satisfactory-Fail Only.

9494005 t TR 1:10-2:00
MEETS: AUG 20-DEC 14

ENGINEERING (CONTINUED)

PROFSSNL INTERNSHIP ENGR 397 R CREDIT
Prereq: PERMISSION OF ADVISER AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

****** SEE DEPT FOR REFERENCE NUMBERS

MULTIDISC ENGR DSGN ENGR 466 3 CREDITS
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR

8893005 1 M 4:10-5:00
MEETS: AUG 20-DEC 14

IND STY ENTREPRENURS ENGR 490E 1-3 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN ENGINEERING, COLLEGE APPROVAL
Note: College permission required.
2529005 ARRANGED
MEETS: AUG 20-DEC 14

INDEP STU LEADRSHIP ENGR 490L 1-3 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN ENGINEERING, COLLEGE APPROVAL

5006005 MEETS: AUG 20-DEC 14

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
Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS

3004005 1 MNF 10:00-10:50
MEETS: AUG 20-DEC 14
3004010 2 MNF 12:10-1:00
MEETS: AUG 20-DEC 14
3004015 3 MNF 3:10-4:00
MEETS: AUG 20-DEC 14

HONORS ENGR STATICS E M 274H 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 166; CR OR ENR IN PHYS 111 OR 221; MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO ENGR COLLEGE MAJORS

6086010 MNF 9:00-9:50
MEETS: AUG 20-DEC 14

MECHAN OF MATERIALS E M 324 3 CREDITS
Prereq: 274
Note: COURSE RESTRICTED TO ENGR COLLEGE SOPHOMORES, JUNIORS AND SENIORS
Available for nonmajor graduate credit
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/exams/nitexam.html.

3007005 1 MF 8:00-8:50
MEETS: AUG 20-DEC 14
3007010 2 MF 10:00-10:50
MEETS: AUG 20-DEC 14
3007015 3 MF 1:10-2:00
MEETS: AUG 20-DEC 14

MECH OF MATERLS LAB E M 327 1 CREDIT
Prereq: 274
Note: Available for nonmajor graduate credit

3008005 1 T 8:00-9:50
MEETS: AUG 20-DEC 14
3008010 2 T 10:00-11:50
MEETS: AUG 20-DEC 14
3008015 3 R 8:00-9:50
MEETS: AUG 20-DEC 14
3008020 4 R 10:00-11:50
MEETS: AUG 20-DEC 14
3008025 5 T 1:10-3:00
MEETS: AUG 20-DEC 14
3008030 6 R 1:10-3:00
MEETS: AUG 20-DEC 14
3008035 7 R 3:10-5:00
MEETS: AUG 20-DEC 14
3008040 8 T 3:10-5:00
MEETS: AUG 20-DEC 14

DYNAMICS E M 345 3 CREDITS
Prereq: 274, CR OR ENROLLMENT IN MATH 266 OR 267
Note: COURSE RESTRICTED TO ENGR COLLEGE SOPHOMORES, JUNIORS AND SENIORS
Available for nonmajor graduate credit
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/exams/nitexam.html.

3010005 1 MF 8:00-8:50
MEETS: AUG 20-DEC 14
3010010 2 MF 12:10-1:00
MEETS: AUG 20-DEC 14
MECHANICS OF FLUIDS E M 378 3 CREDITS
Prereq: 274
Note: LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB IS HELD. RESTRICTED TO ENGR COLLEGE SOPHOMORES, JUNIORS AND SENIORS. AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
Night exams scheduled. For dates go to http://www.registrar.laastate.edu/exams/nitexam.html.
3013005 1 MW 10:00-10:50
M 3:10-5:00
MEETS: AUG 20-DEC 14
3013010 2 MW 10:00-10:50
R 10:00-11:50
MEETS: AUG 20-DEC 14
3013015 3 MW 10:00-10:50
W 11:00-1:00
MEETS: AUG 20-DEC 14
3013020 4 MW 10:00-10:50
R 3:10-5:00
MEETS: AUG 20-DEC 14
3013025 5 MW 10:00-10:50
T 1:10-3:00
MEETS: AUG 20-DEC 14
3013030 6 MW 9:00-9:50
T 3:10-5:00
MEETS: AUG 20-DEC 14
3013035 7 MW 9:00-9:50
R 8:00-9:50
MEETS: AUG 20-DEC 14
3013040 8 MW 9:00-9:50
R 1:10-3:00
MEETS: AUG 20-DEC 14
3013045 9 MW 9:00-9:50
T 10:00-11:50
MEETS: AUG 20-DEC 14
3013055 10 MW 9:00-9:50
W 3:10-5:00
MEETS: AUG 20-DEC 14
INDEPENDENT STUDY E M 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
INDEPENDENT STUDY HONORS E M 490H VAR. CREDITS
Prereq: INSTRUMENT PERMISSION, HONORS PROGRAM MEMBERSHIP
Note: Course restricted to students in the University Honors Program only
******* SEE DEPT FOR REFERENCE NUMBERS
CONTINUUM MECHANICS E M 510 3 CREDITS
Prereq: MATH 385
3026005 1 MW 10:00-11:50
MEETS: AUG 20-DEC 14
ADV MECH OF MATERIALS E M 514 3 CREDITS
Prereq: 322
3027005 1 MW 3:10-4:00
MEETS: AUG 20-DEC 14
BOUNDARY ELEMENT METH E M 526 3 CREDITS
Prereq: 514 or 516
3035005 1 MW 2:10-3:00
MEETS: AUG 20-DEC 14
FUNDAMENTAL EVALUATION E M 550 4 CREDITS
Prereq: 324, MATH 385
8180805 1 MW 10:00-10:50
ARRANGED
MEETS: AUG 20-DEC 14
8180800 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MWF 10-10:50 AM (LECTURE) AND M 4:10-6 PM (LAB) OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AND LABS AT A LATER TIME. Section XE is off campus.
Course delivery is Videoconferencing.
FRACTURE & FATIGUE OF MATERIALS E M 564 3 CREDITS
Prereq: 324, MAT E 216 or 226 or 392. UNDERGRADS: PERMISSION OF INSTRUCTOR.
3046005 1 MW 1:10-2:00
MEETS: AUG 20-DEC 14
MACH COMPOSITE MATERIALS E M 569 3 CREDITS
Prereq: 324
3049005 1 MW 11:00-11:50
MEETS: AUG 20-DEC 14
SPECIAL TOPICS IN THIN FILMS E M 590H 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
SPECIAL TOPICS IN COMPUTER MATERIALS ENGINEERING E M 590I 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
SPECIAL TOPICS IN RELIABILITY AND PROBABILITY E M 690R 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
SPECIAL TOPICS IN ADVANCED COMPUTATIONAL MATHEMATICS E M 690Q 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
SPECIAL TOPICS IN ADVANCED WAVE PROPAGATION E M 690O 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
SPECIAL TOPICS IN ADVANCED EXPERIMENTAL MATHEMATICS E M 690N 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
CREATIVE COMPONENT E M 599 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
SPECIAL TOPICS E M 590J 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
CREATIVE COMPONENT E M 599 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
ENGINEERING INTERNSHIP E M 697 1 CREDIT
Prereq: PERMISSION OF DOGE, GRAD CLASSIFICATION
Satisfactory-Fail Only.
8134003 ARRANGED
MEETS: AUG 20-DEC 14
RESEARCH E M 699 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
ENGLISH
INTENSIVE ENGLISH ENGL 10 0 CREDITS
Prereq: RECOMMENDATION OF THE ENGLISH DEPT
Note: Department permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS
INTENSIVE ENGLISH ENGL 10A 0 CREDITS
Note: Department permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS
INTENSIVE ENGLISH ENGL 10B 0 CREDITS
Note: Department permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS
INTENSIVE ENGLISH ENGL 10C 0 CREDITS
Note: Department permission required.
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS
NONNATIVE LISTENING ENGL 99L 0 CREDITS
Prereq: RECOMMENDATION OF ENGLISH DEPT; PLACEMENT IS DETERMINED BY EXAMINATION
Note: DEVELOPMENTAL ENGL FEE APPLIES. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEE.
7774005 1 MW 2:10-3:00
MEETS: AUG 20-DEC 14
7774010 2 TR 3:40-5:30
MEETS: AUG 20-DEC 14
7774015 3 MN 11:00-1:00
MEETS: AUG 20-DEC 14
7774020 4 TR 3:40-5:30
MEETS: AUG 20-DEC 14
7774025 5 MN 3:40-5:00
MEETS: AUG 20-DEC 14
7774030 6 MN 11:00-1:00
MEETS: AUG 20-DEC 14
7774035 7 TR 9:00-9:50
MEETS: AUG 20-DEC 14
7774040 8 TR 1:10-3:00
MEETS: AUG 20-DEC 14
NONNATIVE READING ENGL 99R 0 CREDITS
Prereq: RECOMMENDATION OF ENGLISH DEPT; PLACEMENT IS DETERMINED BY EXAMINATION
Note: DEVELOPMENTAL ENGL FEE APPLIES. SEE TUITION AND FEES WEBSITE FOR MORE INFORMATION ON FEE.
7877005 1 MW 12:10-1:00
MEETS: AUG 20-OCT 12
7877010 2 MN 1:10-2:00
MEETS: AUG 20-OCT 12
7877015 3 MN 3:10-4:00
MEETS: AUG 20-OCT 12
7877020 4 MN 4:10-5:00
MEETS: AUG 20-OCT 12
ENGLISH (CONTINUED)

NONNATIVE READING ENGL 99R 0 CREDITS
7877025 5 TR 2:10-3:00
MEETS: AUG 20-20 OCT 12
7877030 6 MW 9:00-9:50
MEETS: AUG 20-20 OCT 12
7877035 7 TR 8:00-8:50
MEETS: AUG 20-20 OCT 12

NONNATIVE SPEAKING ENGL 99S 0 CREDITS
Prereq: RECOMMENDATION OF ENGLISH DEPARTMENT
Note: DEVELOPMENTAL ENGLISH Fee applies. See Tuition and Fees website for more information on Fee.
9180005 1 MF 12:10-1:00
MEETS: AUG 20-DEC 14

ENGLISH NONNATIVE I ENGL 101B 3 CREDITS
Prereq: RECOMMENDATION OF ENGLISH DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION
Note: ENGL 101B DOES NOT APPLY TOWARD GRADUATION
3294005 1 MWF 10:00-10:50
MEETS: AUG 20-DEC 14
3294010 2 MWF 10:00-10:50
MEETS: AUG 20-DEC 14
3294015 3 TR 8:00-9:00
MEETS: AUG 20-DEC 14
3294020 4 TR 11:00-12:00
MEETS: AUG 20-DEC 14
3294025 5 TR 1:00-2:00
MEETS: AUG 20-DEC 14

ENGLISH NONNATIVE II ENGL 101C 3 CREDITS
Prereq: RECOMMENDATION OF ENGLISH DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION
Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION
3295005 1 MWF 9:00-9:50
MEETS: AUG 20-DEC 14
3295010 2 MWF 9:00-9:50
MEETS: AUG 20-DEC 14
3295015 3 TR 8:00-9:00
MEETS: AUG 20-DEC 14
3295020 4 TR 9:00-10:00
MEETS: AUG 20-DEC 14
3295025 5 TR 12:10-1:00
MEETS: AUG 20-DEC 14
3295030 6 TR 11:00-12:20
MEETS: AUG 20-DEC 14
3295035 7 MWF 11:00-11:50
MEETS: AUG 20-DEC 14
3295040 8 MWF 11:00-11:50
MEETS: AUG 20-DEC 14
3295045 9 TR 8:00-9:00
MEETS: AUG 20-DEC 14
3295050 10 MWF 2:10-3:00
MEETS: AUG 20-DEC 14
3295055 11 ARRANGED
MEETS: AUG 20-DEC 14
Note: Course delivery is WNN

ENGLISH NONNATIVE II ENGL 101D 3 CREDITS
Prereq: RECOMMENDATION OF ENGLISH DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION
Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY. ENGL 101D DOES NOT APPLY TOWARD GRADUATION
3296605 1 MWF 12:10-1:00
MEETS: AUG 20-DEC 14
3296610 2 MWF 12:10-1:00
MEETS: AUG 20-DEC 14
3296615 3 TR 11:00-12:20
MEETS: AUG 20-DEC 14

COMPUTERS & LANGUAGE ENGL 120 3 CREDITS
6170005 A TR 11:00-12:20
MEETS: AUG 20-DEC 14

ENGLISH (CONTINUED)

CRICTL THINK&MUSIC ENGL 150 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN LIB 160
Note: EVERY SECTION MEETS IN A COMPUTER WRITING LAB ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A TRADITIONAL CLASSROOM.
3298100 DA MWF 10:00-10:50
MEETS: AUG 20-DEC 14
Note: SEC. DA IS LIKELY TO MEET SOME OF THE FRIDAYS IN THE DURHAM HALL COMPUTER ROOM
3298105 DB MWF 11:00-11:50
MEETS: AUG 20-DEC 14
Note: SEC. DB IS LIKELY TO MEET SOME OF THE FRIDAYS IN THE DURHAM HALL COMPUTER ROOM
3298110 DC MWF 12:10-1:00
MEETS: AUG 20-DEC 14
Note: SEC. DC IS LIKELY TO MEET SOME OF THE FRIDAYS IN THE DURHAM HALL COMPUTER ROOM
3298300 FA M 9:00-9:50
MEETS: AUG 20-DEC 14
Note: SEC. FA IS LIKELY TO MEET IN THE FRILEY HALL COMPUTER ROOM
3298305 FB M 10:00-10:50
MEETS: AUG 20-DEC 14
Note: SEC. FB IS LIKELY TO MEET IN THE FRILEY HALL COMPUTER ROOM
3298310 FC M 11:00-11:50
MEETS: AUG 20-DEC 14
Note: SEC. FC IS LIKELY TO MEET IN THE FRILEY HALL COMPUTER ROOM
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**Note:** Instructor permission required.
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<td>Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB.</td>
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<td>Note: FOR PERMISSION TO REGISTER, CONTACT JESLYN JACKSON AT <a href="mailto:JESLYN@IASTATE.EDU">JESLYN@IASTATE.EDU</a>. Department permission required. Section XW is off campus.</td>
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<td>AUG 20-DEC 14</td>
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<td>MEETS: AUG 20-DEC 14</td>
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<td>3356085</td>
<td>17</td>
<td>TR 3:40-5:00</td>
<td>AUG 20-DEC 14</td>
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<td>MEETS: AUG 20-DEC 14</td>
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<td>HONORS-TECHNCL COMM ENGL 314H</td>
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<td>CREDIT RESTRICTED TO JUNIORS AND SENIORS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.</td>
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<td>3357005 TR 9:30-10:50</td>
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<td>MEETS: AUG 20-DEC 14</td>
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<td>CRTV WRT:SCREENPLAY ENGL 315</td>
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<td>Prereq: 250, NOT OPEN TO FRESHMEN</td>
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<td>Note: COURSE NOT OPEN TO FRESHMEN</td>
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<td>Available for nonmajor graduate credit</td>
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<td>3322005 A TR 11:00-12:20</td>
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<td>MEETS: AUG 20-DEC 14</td>
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<td>SCIENCE FICTION ENGL 330</td>
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<td>Prereq: 250</td>
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<td>Note: COURSE NOT OPEN TO FRESHMEN</td>
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<td>3322025 A1 T 6:00-9:00PM</td>
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<td>MEETS: AUG 20-DEC 14</td>
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<td>STUDIES IN FILM ENGL 335</td>
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<td>Prereq: 250</td>
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<td>Note: FILM SHOWINGS MAY EXTEND SCHEDULED TIME Available for nonmajor graduate credit</td>
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<td>3322010 A2 T 6:00-9:00PM</td>
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<td>MEETS: AUG 20-DEC 14</td>
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<td>LIT THR&amp;CRITICISM ENGL 339</td>
<td>3</td>
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<tr>
<td>Prereq: 265 &amp; 3 ADDITIONAL CREDITS IN LITERATURE</td>
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<td>3361005 A1 MF 10:00-10:50</td>
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<td>MEETS: AUG 20-DEC 14</td>
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<td>Note: SEC A1 RESTRICTED TO OTHER THAN ENGL, TCOMM</td>
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<td>3361010 A2 MF 10:00-10:50</td>
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<td>MEETS: AUG 20-DEC 14</td>
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<td>Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM</td>
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MEETS: OCT 15-DEC 14
7786015 3 ARRANGED
Note: SECTION 2 OFFERED FOR 8 CREDITS

MEETS: AUG 20-OCT 12
7786010 2 ARRANGED

MEETS: AUG 20-DEC 14
7786005 1 ARRANGED
Note: COURSE RESTRICTED TO ENGL SENIORS WITH FULL
TEACHING APPROVAL OF COORDINATOR SEMESTER PRIOR TO STUDENT
Prereq: 494, ADMISSION TO TEACHER EDUCATION,
STUDNT TCH ENGL&LIT ENGL 417E VAR. CREDITS
Prereq: 494, ADMISSION TO TEACHER EDUCATION,
APPROVAL OF COORDINATOR SEMESTER PRIOR TO STUDENT
TEACHING
Note: COURSE RESTRICTED TO ENGL SENIORS WITH FULL
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
7786005 1 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 1 OFFERED FOR 16 CREDITS

7786010 2 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 2 OFFERED FOR 8 CREDITS

7786015 3 ARRANGED
MEETS: OCT 15-DEC 14
ENGLISH (CONTINUED)

IND STU CREATIV WRIT ENGL 490F VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION
Department permission required.

*** SEE DEPT FOR REFERENCE NUMBERS

IND STU BUS/TCHR COMM ENGL 490G VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION
Department permission required.

*** SEE DEPT FOR REFERENCE NUMBERS

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

*** SEE DEPT FOR REFERENCE NUMBERS

TEACH LIT SECONDARY ENGL 494 3 CREDITS
Prereq: ENGL 310, 397, 9 OTHER CREDITS IN ENGLISH BEYOND 250, PSYCH 391, ADMISSION TO TEACHER EDUC PROGRAM
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
3379005 A TR 2:10-3:30 MEETS: AUG 20-DEC 14
Note: Instructor permission required.

CAPSTONE ASSESSMENT ENGL 497 1 CREDIT
Prereq: JUNIOR STATUS

*** SEE DEPT FOR REFERENCE NUMBERS

PROSEM; TCHR COMPOS ENGL 500 3 CREDITS
Prereq: REQUIRED OF ALL NEW TEACHING ASSISTANTS
NO MORE THAN 3 CREDITS APPLICABLE
TO THE SECT TAKEN, JUNIOR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3385005 A TR 9:30-10:30 MEETS: AUG 20-DEC 14
3385010 A2 TR 9:30-10:30 MEETS: AUG 20-DEC 14
3385015 A3 TR 9:30-10:30 MEETS: AUG 20-DEC 14
3385020 A4 TR 9:30-10:30 MEETS: AUG 20-DEC 14

TCHR BUS/TECHN COMM ENGL 504 3 CREDITS
Prereq: M.A. IN ENGLISH OR CLOSELY RELATED FIELD; MUST BE TEACHING ENGL 302, 309 OR 314 CONCURRENTLY
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3388005 A ARRANGED MEETS: AUG 20-DEC 14

WRITANLY PRO DOCUM ENGL 507 3 CREDITS
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3391005 A W 6:00-9:00PM MEETS: AUG 20-DEC 14

INTR CPRS&APPL LIN ENGL 510 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
5189005 A W 11:00-12:20 MEETS: AUG 20-DEC 14

INTR LINGUIST ANALY ENGL 511 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
3395005 A ARRANGED MEETS: AUG 20-DEC 14

LIVG ANAL ASSESS PRACMT ENGL 513 3 CREDITS
Prereq: 519
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
8728005 A ARRANGED MEETS: AUG 20-DEC 14

2ND LANGUAGE ACQUIS ENGL 517 3 CREDITS
Prereq: 511 OR AN INTRO COURSE IN LINGUISTICS
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
3400005 A TR 12:40-2:00 MEETS: AUG 20-DEC 14

TESL METHODS&MATERIALS ENGL 518 3 CREDITS
Prereq: 511 OR AN INTRO COURSE IN LINGUISTICS
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
5190005 A R 6:00-9:00PM MEETS: AUG 20-DEC 14
5190010 B R 6:00-9:00PM MEETS: AUG 20-DEC 14
Note: Instructor permission required.

ENGLISH (CONTINUED)

TCHR LIT & LIT CURR ENGL 521 3 CREDITS
Prereq: 6 CREDITS IN LITERATURE
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3404005 A M 6:10-9:00PM MEETS: AUG 20-DEC 14

LITRACY: NONNATIVE SPK ENGL 524 3 CREDITS
Prereq: 511 OR INTRODUCTORY COURSE IN LINGUISTICS
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
2211005 A W 6:00-9:00PM MEETS: AUG 20-DEC 14

AMERICAN LIT TO 1865 ENGL 532 3 CREDITS
Prereq: 6 CREDITS IN LITERATURE
MEETS: AUG 20-DEC 14
MEETS: AUG 20-DEC 14

GRAMMATICAL ANALYSIS ENGL 537 3 CREDITS
Prereq: 220; 219 OR 511 OR INTRODUCTORY COURSE IN LINGUISTICS; JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
7992005 A TR 2:10-3:30 MEETS: AUG 20-DEC 14

POETRY ENGL 539 3 CREDITS

3417005 TR 11:00-12:20 MEETS: AUG 20-DEC 14

ISS IN STUDY OF LIT ENGL 546 3 CREDITS
Prereq: 6 CREDITS IN LITERATURE
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
2268005 A W 11:00-12:20 MEETS: AUG 20-DEC 14

HIST RHET THEORY I ENGL 547 3 CREDITS
Prereq: 6 CREDITS IN ENGL
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
8392005 A M 6:10-9:00PM MEETS: AUG 20-DEC 14

CRTV WRIT: CRAFT&PROC ENGL 550 3 CREDITS
Prereq: ADMISSION INTO MFA PROGRAM IN CREATIVE WRITING AND ENVIRONMENT

8354005 A M 6:00-9:00PM MEETS: AUG 20-DEC 14

ADV IMAG WRIT: NONFIC ENGL 555 3 CREDITS
Prereq: 6 CREDITS IN ENGL
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
2244005 A T 6:00-9:00PM MEETS: AUG 20-DEC 14

2244010 B T 6:00-9:00PM MEETS: AUG 20-DEC 14

STUDIES CREATIV WRIT ENGL 557 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
9075005 A W 6:00-9:00PM MEETS: AUG 20-DEC 14

Note: SECTION A RESTRICTED TO GRADUATE ENGLISH MAJORS
9075010 B W 6:00-9:00PM MEETS: AUG 20-DEC 14

Note: Instructor permission required.

CRTV WRIT TCGRH INTNR ENGL 559 1-3 CREDITS
Prereq: PERMISSION OF PARTICIPATING INSTRUCTORS
7431005 A ARRANGED MEETS: AUG 20-DEC 14

Note: Instructor permission required.

ENVIRON FIELD EXPR ENGL 560 3 CREDITS
Prereq: 550, GRAD CLASSIFICATION, OPEN TO GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND ENVIRONMENT ONLY WITH PERMISSION.
8229005 A ARRANGED MEETS: AUG 20-DEC 14

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 OR DOCTORAL DEGREE CANDIDATES IN FIELD OF RHETORIC AND PRO COMMUNICATION
3425005 A ARRANGED MEETS: AUG 20-DEC 14

PRA TCHR ENG 2ND LNG ENGL 588 3 CREDITS
Prereq: 15 CREDITS TOWARD TCHR CERT., OR COMPLETION OF ALL OTHER REQUIREMENTS FOR K-12 ESL TEACHER ENDORSEMENT
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND LINGUISTICS MAJORS
3426005 A ARRANGED MEETS: AUG 20-DEC 14
ENGLISH                                       (CONTINUED)

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

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

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

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

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

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

STDI RHETRC SCI123 ENGL 592A 3 CREDITS
Prereq: 12 HOURS IN RHETORIC, LINGUISTICS, OR LITERATURE, EXCLUDING 150 AND 250
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
       MEETS: AUG 20-DEC 14
       2277005 W 6:10-9:00PM

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

RSRC MTHD APP LING ENGL 623 3 CREDITS
Prereq: 511,517,519
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND
       LINGUISTICS MAJORS
       MEETS: AUG 20-DEC 14
       6692005 A M 6:00-9:00PM

PRACTCM TEC &LINGUI ENGL 688 3 CREDITS
Prereq: 510, 626, or EQUIV; AT LEAST 2ND YR
PH.D. STUDENT IN APPLIED LINGUISTICS & TECHNOLOGY
Note: COURSE RESTRICTED TO GRADUATE ENGLISH AND
       LINGUISTICS MAJORS
       MEETS: AUG 20-DEC 14
       7633005 ARRANGED

RESEARCH ENGL 699 VAR. CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
       MAJOR PROFESSOR
          SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

INTRO TO INSECTS ENT 201 1 CREDIT
Prereq: 201
       MEETS: AUG 20-SEPT 21
       Note: Course delivery is WWW
       Syllabus: http://www.ent.iastate.edu/courses
       Section info: http://www.ent.iastate.edu/courses
       5197005 W ARRANGED

INSECTS AND SOCIETY ENT 211 2 CREDITS
Prereq: 201
       MEETS: SEPT 24-DEC 14
       Note: Course delivery is WWW
       Syllabus: http://www.agde.iastate.edu/support

ENTOMOLOGY                                       (CONTINUED)

INSECT BIOLOGY ENT 370 3 CREDITS
Prereq: BIOL 101 OR BIOL 211
       Note: Available for nonmajor graduate credit
       3443005 A TR 11:00-11:50
               W 12:10-1:00
               MEETS: AUG 20-DEC 14
       Section info: http://www.ent.iastate.edu/courses
       Syllabus: http://www.ent.iastate.edu/dept/courses

INSECT ECOLOGY ENT 471 3 CREDITS
Prereq: 9 CREDITS IN BIOLOGICAL SCIENCES
       5498005 WN 1:10-2:00
               F 10:00-1:00
               MEETS: AUG 20-DEC 14

MOLEC BIOI PROTOZOA ENT 478 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
       Available for nonmajor graduate credit
       1141005 TR 11:00-12:15
               BEETHAM J
               MEETS: AUG 20-DEC 14

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

IND STDY LAB TEACHG ENT 490U 1- 3 CREDITS
Prereq: 15 CR IN BIOLOGICAL SCIENCES, JUNIOR
       OR SENIOR CLASSIFICATION. FOR STUDENTS REGISTERING TO
       BE UNDERGRADUATE LABORATORY ASSISTANTS.
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED
       TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
       GRADUATION
       Instructor permission required 1st week
          SEE DEPT FOR REFERENCE NUMBERS

ECOL BASED PEST MGT ENT 530 3 CREDITS
Prereq: SUSAG 509
       MEETS: AUG 20-DEC 14
       4966005 TR 9:30-10:50

INSECT ECOLOGY ENT 571 3 CREDITS
Prereq: 9 CR BIOLOGICAL SCIENCES
       MEETS: AUG 20-DEC 14
       3466005 WN 1:10-2:00
               F 10:00-1:00

SYSTEMATIC ENTOMOLG ENT 576 5 CREDITS
Prereq: 9 CR BIOLOGICAL SCIENCES
       MEETS: AUG 20-DEC 14
       3457005 MF 9:00-9:50
               TR 12:10-3:00
               R 9:00-11:50
       1142005 TR 11:00-12:15
               BEETHAM J
               MEETS: AUG 20-DEC 14

MOLEC BIOI PROTOZOA ENT 578 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
       MEETS: AUG 20-DEC 14
       1141005 TR 11:00-12:15

SP TOP BIOL CONTROL ENT 590A 1- 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
       SEE DEPT FOR REFERENCE NUMBERS

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

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

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

SP TOP RSRCH TOPICS ENT 590E 1- 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
       SEE DEPT FOR REFERENCE NUMBERS
### ENVIRONMENTAL SCIENCE

**ORIENT ENVIRNMT SCI**  
**ENSCI 110** 1 CREDIT  
*Pre: FRESHMAN CLASSIFICATION IN ENSCI*  
*Note: Course Restricted to ENSCI, ENSCI FRESHMEN only.*  
Satisfactory-Fail Only.  
6089005 1 T 2:10-3:00 GREEN D  
MEETS: AUG-DEC 14  

**ENVIRONML GEOGRAPHY**  
**ENSCI 250** 3 CREDITS  
6127005 1 MF 10:00-10:50 BURRAS C  
MEETS: AUG-DEC 14  
*Note: Section 1 Restricted to ENSCA, ENSCS Majors Only.*  
6127010 2 MF 10:00-10:50 BURRAS C  
MEETS: AUG-DEC 14  
*Note: Section 2 Restricted to A ECL, AGX, AGRON, BIO, BIOL, ENVR, ENVS, FIN, MTEOR, OPEN MAJORS.*  

**FOREST ECOLOGY/SOILS**  
**ENSCI 301** 4 CREDITS  
*Pre: BIOL 211, 211L For 201 or A 2nd Course in Biology*  
Note: Available for nonmajor graduate credit.  
4973005 A T 3:10-4:00 SCHULTZ R  
T 3:10-6:00PM SCHULTZ R  
MEETS: AUG-DEC 14  

**ECOLOGY**  
**ENSCI 312** 4 CREDITS  
*Pre: BIOL 211L and 221L*  
4996005 1 TR 8:00-9:15 JURIK T  
MEETS: AUG-DEC 14  
4996010 2 TR 8:00-9:15  
M 12:10-3:00 JURIK T  
MEETS: AUG-DEC 14  
4996015 3 TR 8:00-9:15  
M 3:10-6:00PM JURIK T  
MEETS: AUG-DEC 14  
4996020 4 TR 8:00-9:15  
T 9:25-12:15 JURIK T  
MEETS: AUG-DEC 14  
4996025 5 TR 8:00-9:15  
T 12:15-3:00 JURIK T  
MEETS: AUG-DEC 14  
4996030 6 TR 8:00-9:15  
T 3:10-6:00PM JURIK T  
MEETS: AUG-DEC 14  
4996040 7 TR 8:00-9:15 W 9:00-11:15 JURIK T  
MEETS: AUG-DEC 14  
4996045 8 TR 8:00-9:15 W 12:10-3:00 JURIK T  
MEETS: AUG-DEC 14  

**WATERSCAPE HYDROLOGY**  
**ENSCI 402** 4 CREDITS  
*Pre: Four Courses in Physical or Biological Sciences or Engineering, Junior Standing*  
3164005 1 MF 12:10-1:00 FRANZ K  
R 3:10-6:00PM MEETS: AUG-DEC 14  

**GLOBAL CHANGE**  
**ENSCI 404** 3 CREDITS  
*Pre: Four Courses in Physical or Biological Sciences or Engineering, Junior Standing*  
3386600 1X ARRANGED GUTOWSKI W  
MEETS: AUG-DEC 14  

**WORLD CLIMATES**  
**ENSCI 406** 3 CREDITS  
*Pre: AKRON 206/MEET 206*  
Note: Available for nonmajor graduate credit.  
2824005 1 MF 10:10-10:50 ARRITT R  
MEETS: AUG-DEC 14  

**GIS & NAT RESRC MGT**  
**ENSCI 408** 3 CREDITS  
*Pre: Working Knowledge of CPR & Windows ENVIR*  
3535005 R 1:10-3:00 SIMPKINS W  
T 1:10-3:00 MEETS: AUG-DEC 14  

**HYDROGEOLOGY**  
**ENSCI 411** 4 CREDITS  
*Pre: Four Courses in Physical or Biological Sciences*  
5014005 A MF 9:00-10:50 SIMPKINS W  
R 1:10-3:00 MEETS: AUG-DEC 14  

**GIS FOR GEOSCIENTIST**  
**ENSCI 452** 3 CREDITS  
*Pre: GEOL 100, 201 or Equivalent*  
3093005 A MW 1:10-10:50 SWANSON C  
MEETS: AUG-DEC 14
ENVIRONMENTAL SCIENCE  (CONTINUED)

ENVIRO SOIL&WTR CHEM  ENSCI 459  4 CREDITS  
Prereq: AGRON 354 OR ENSCI 360; CHEM 178; MATH 140. CHEM 100 OR CHEM 232 RECOMMENDED  
Note: Available for nonmajor graduate credit  
5017005  1 MWF 11:00-11:50  THOMPSON M  
T 11:00-11:50  THOMPSON M  
MEETS: AUG 20-DEC 14  

SURFICIAL PROCESSES  ENSCI 479  3 CREDITS  
Prereq: 100 OR 201 OR EQUIVALENT EXPERIENCE  
Note: Available for nonmajor graduate credit  
5026005  1 MW 10:00-10:50  F 11:10-12:15  
MEETS: AUG 20-DEC 14  

ENGR ANALY BIOL SYS  ENSCI 480  3 CREDITS  
Prereq: A E 216; MATH 266; BIOL 211 OR 212;  
MEETS: AUG 20-DEC 14  
7086005  1 TR 11:00-12:15  
MEETS: AUG 20-DEC 14  

SOIL&ENVIR MICROBIO  ENSCI 485  3 CREDITS  
Prereq: AGRON 154 OR AGRON402, MICRO 201 (MICRO 201 RECOMMENDED)  
Note: Available for nonmajor graduate credit  
2001005  1 TR 1:10-2:00  LOYNACHAN T  
W 12:10-1:00  LOYNACHAN T  
MEETS: AUG 20-DEC 14  
2001010  2 TR 1:10-2:00  LOYNACHAN T  
W 3:10-6:00PM  LOYNACHAN T  
MEETS: AUG 20-DEC 14  

AQUATIC ECOLOGY  ENSCI 486  3 CREDITS  
Prereq: BIOL 312 OR ENSCI 383 OR ENSCI 402 OR NRWM 301  
Note: Available for nonmajor graduate credit  
5000005  1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
5000600  XW ARRANGED  DONNING J  
MEETS: AUG 20-DEC 14  
Note: Section XW is off campus  
Course delivery is WWW  
Cmtr regmt: http://www.agde.iastate.edu/support  

AQUATIC ECOLOGY LAB  ENSCI 486L  1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN 486  
Note: Available for nonmajor graduate credit  
5012005  1 T 12:10-3:00  
MEETS: AUG 20-DEC 14  
5012010  2 T 3:10-6:00PM  
MEETS: AUG 20-DEC 14  

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

COOPERATIVE EDUCAT  ENSCI 498  R CREDIT  
Prereq: PERMISSION OF ENSCI COORDINATOR  
6276005  ARRANGED  
MEETS: AUG 20-DEC 14  

WATERSHED HYDROLOGY  ENSCI 502  4 CREDITS  
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING  
4409005  1 MWF 12:10-1:00  FRANZ K  
R 3:10-6:00PM  
MEETS: AUG 20-DEC 14  

GIS&NAT RESOURC MGT  ENSCI 508  3 CREDITS  
Prereq: WORKING KNOWLEDGE OF CMTR&S & WINDOWS ENV  
4447005  1 T 1:10-3:00  
R 1:10-3:00  
MEETS: AUG 20-DEC 14  

HYDROGEOLOGY  ENSCI 509  4 CREDITS  
Prereq: FOUR COURSES IN BIOLOGICAL OR PHYSICAL SCIENCES  
3129005  A MWF 9:00-9:50  SIMPKINS W  
R 1:10-3:00  
MEETS: AUG 20-DEC 14  

ENVIRONMT ENGR CHEM  ENSCI 520  3 CREDITS  
Prereq: CHEM 177, 178, MATH 146  
4511005  1 WF 11:00-11:50  
110. CHEM 100 OR CHEM 232 RECOMMENDED  
R 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
4511600  XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE WF 11-11:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus  
Course delivery is Videostreaming  

ENVIRON BIOTECHNOLOG  ENSCI 521  3 CREDITS  
Prereq: C E 326  
4516005  1 T 9:00-10:50  R 9:00-10:50  
MEETS: AUG 20-DEC 14  
Section info: http://www.public.iastate.edu/~tge/courses/ce521/homepage.html  

SOLID WASTE MGMT  ENSCI 527  3 CREDITS  
4547005  1 ARRANGED  
MEETS: AUG 20-DEC 14  

SOIL&WTR CONSERV SY  ENSCI 531  3 CREDITS  
Prereq: E M 378 OR CH E 356  
4641005  MM 11:00-11:50  T 3:10-6:00PM  
MEETS: AUG 20-DEC 14  
4641600  XE ARRANGED  KALEITA-FORBES A  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE MM 11-11:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus  
Course delivery is Videostreaming  

EROSION&SED TRANSIT  ENSCI 533  3 CREDITS  
4696005  MM 5:10-6:30PM  
MEETS: AUG 20-DEC 14  

GIS FOR GEOSCIENTIST  ENSCI 552  3 CREDITS  
Prereq: GEOL 100, 201 OR EQUIVALENT  
3217005  MW 3:10-4:00  HARDING C  
F 3:10-5:00  
MEETS: AUG 20-DEC 14  

SOIL-PLANT RELATION  ENSCI 553  3 CREDITS  
6258005  MNF 9:00-9:50  
MEETS: AUG 20-DEC 14  

LAB MTHDS SOIL CHEM  ENSCI 558  3 CREDITS  
Prereq: AGRON 354 AND CHEM 178; CHEM 211 OR CHEM 231 RECOMMENDED  
3228005  ARRANGED  TABATABAI M  
MEETS: AUG 20-DEC 14  

MODEL AQUATC ENVIR  ENSCI 572  3 CREDITS  
4572005  1 ARRANGED  
MEETS: AUG 20-DEC 14  

GRNDWATER HYDROLOGY  ENSCI 573  3 CREDITS  
Prereq: C E 372  
4573005  1 MNF 10:00-10:50  
MEETS: AUG 20-DEC 14  
4573600  XE ARRANGED  
MEETS: AUG 20-DEC 14  
Note: LIVE VIEWING AVAILABLE MNF 10-10:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus  
Course delivery is Videostreaming  

SOIL ORG&TRANSFORM  ENSCI 575  3 CREDITS  
4635005  MM 3:10-4:30  BURRAS C  
MEETS: AUG 20-DEC 14  

EROSION&SED TRANSIT  ENSCI 576  3 CREDITS  
3465005  MM 3:10-4:30  BURRAS C  
MEETS: AUG 20-DEC 14  

MODEL AQUATC ENVIR  ENSCI 577  3 CREDITS  
4572005  1 ARRANGED  
MEETS: AUG 20-DEC 14  

SURFICIAL PROCESSES  ENSCI 579  3 CREDITS  
Prereq: GEOL 100, 201 OR EQUIVALENT  
3226005  1 MNF 10:00-10:50  
MEETS: AUG 20-DEC 14  

SOIL & PLANT RELN  ENSCI 583  3 CREDITS  
Prereq: ENSCI 354 OR ENSCI 360; CHEM 178; MATH 140; CHEM 211 OR CHEM 231 RECOMMENDED  
7367010  1 MFN 11:00-11:50  T 3:10-6:00PM  
MEETS: AUG 20-DEC 14  

ENVIRONMENTAL SCIENCE  (CONTINUED)
ENVIRONMENTAL SCIENCE (CONTINUED)

AQUATIC ECOLOGY ENSCI 586 3 CREDITS
Prereq: ENSCI 301 OR 312 OR 381 OR 402
5644005 1 TR 9:30-10:50 MEETS: AUG 20-DEC 14

AQUATIC ECOLOGY LAB ENSCI 586L 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN 586
5663005 1 12:10-1:50 MEETS: AUG 20-DEC 14
Note: Instructor permission required.
5663010 2 3:10-6:00PM MEETS: AUG 20-DEC 14
Note: Instructor permission required.

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

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

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

ENVIRONMENTAL STUDIES

ENVIRONMNTL GEOLOGY ENV S 101 3 CREDITS
3418005 A MWF 10:00-10:50 DAWSON J
MEETS: AUG 20-DEC 14
3418600 XW ARRANGED MEETS: AUG 20-DEC 14
Note: Section XW is off campus
Course delivery is WWW

INTRO OCEANOGRAPHY ENV S 108 3 CREDITS
3044005 TR 2:10-3:125 WANAMAKER A
MEETS: AUG 20-DEC 14

GEOL/IGC DISASTERS ENV S 111 1 CREDIT
9170600 XW ARRANGED MEETS: OCT 15-DEC 14
Note: Section XW is off campus
Course delivery is WWW

INTR RENEW RESOURCES ENV S 120 3 CREDITS
5141005 MWF 12:10-1:00 HALL R
MEETS: AUG 20-DEC 14

ENVIRONMNTL BIOLOGY ENV S 173 3 CREDITS
2022005 1 ARRANGED PLEASANTS J
MEETS: AUG 20-DEC 14
Note: Course delivery is WWW
Section info: http://lasonline.iastate.edu/biol173
2022600 XW ARRANGED PLEASANTS J
MEETS: AUG 20-DEC 14
Note: Section XW is off campus
Course delivery is WWW
Section info: http://lasonline.iastate.edu/biol173

INTRO ENVIRNMNTL SYS ENV S 201 2 CREDITS
2282005 1A TR 8:00-9:20 ARRANGED HARPOLE W
MEETS: OCT 15-DEC 14
Note: SECTION 1A RESTRICTED TO ENSCA, ENCS MAJORS ONLY
2282010 1B TR 8:00-9:20 ARRANGED HARPOLE W
MEETS: OCT 15-DEC 14

ENVIRONMNTL GEOGRAPHY ENV S 250 3 CREDITS
6155005 1 MWF 10:00-10:50 BURRAS C
MEETS: AUG 20-DEC 14
Note: SECTION 1 RESTRICTED TO ENSCA, ENCS MAJORS ONLY
6155010 2 MWF 10:00-10:50 BURRAS C
MEETS: AUG 20-DEC 14
Note: SECTION 2 RESTRICTED TO A ECL, AG X, AGRON, BIOI, BIOA, ENV S, FOR, GEOI, MTEOR, OPEN MAJORS

SOILS&ENVIR QUALITY ENV S 260 3 CREDITS
5508005 1 MWF 9:00-9:50 BURRAS C
MEETS: AUG 20-DEC 14

ENVIRONMNTL PLANNING ENV S 293 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
7576005 TR 12:40-2:00 MEETS: AUG 20-DEC 14

ECOFEMINISM ENV S 320 3 CREDITS
Preq: W S 201 OR 3 CREDITS IN WOMEN'S STUDIES
AT THE 300 LEVEL OR ABOVE
Note: Available for nonmajor graduate credit
2865005 W 3:10-5:40 MEETS: AUG 20-DEC 14

ENVIRONMENTAL STUDIES (CONTINUED)

ENVIRONMENTAL ETHICS ENV S 334 3 CREDITS
Prereq: THREE CREDITS IN PHIL OR JR CLASSIFICATION
5142050 TR 2:10-3:25 HOLMGREN M
MEETS: AUG 20-DEC 14

WORLD FOOD ISSUES ENV S 342 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
1733005 1 MWF 11:00-11:50 FORD C
MEETS: AUG 20-DEC 14
Note: SECTION 1 RESTRICTED TO AGRON, CS A, CS H, DIET, DIETN, FS A, FS H, NS A, NS H, PDEKA, PDEKH MAJORS ONLY
1733010 2 MWF 11:00-12:00 FORD C
MEETS: AUG 20-DEC 14
1733015 3 TR 8:00-9:20 FALES S
MEETS: AUG 20-DEC 14
Note: CONTACT CLARK FORD FOR PERMISSION TO REGISTER AT 515-294-0343/CFORD@IASTATE.EDU.
Instructor permission required.
Section XW is off campus
Course delivery is WWW

ENVIR &RESOURC ECON ENV S 380 3 CREDITS
Prereq: ECON 101
7578005 1 TR 9:30-10:50 MIRANOWSKI J
MEETS: AUG 20-DEC 14

INTRO ENVIRNMNTL SYS ENV S 381 3-4 CREDITS
Preq: 12 CREDITS OF NATURAL SCIENCE INCLUDING BIOLOGY AND CHEMISTRY
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012.
5510005 A1 TR 12:40-2:00 MEETS: AUG 20-DEC 14
5510010 A2 TR 12:40-2:00 MEETS: AUG 20-DEC 14
Note: SEC A2 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

ENVIRMS ENV IR STDI ENV S 390 VAR. CREDITS
Prereq: APPROVAL OF THE ENV S COORDINATOR Satisfactory-Fail Only.
Note: SECTION A2 FOR MAJORS OTHER THAN SOC, P S A
MEETS: AUG 20-DEC 14
7579005 A2 TR 1:10-3:00 MEETS: AUG 20-DEC 14
7579010 A1 TR 1:10-3:00 MEETS: AUG 20-DEC 14
7579015 A2 TR 1:10-3:00 MEETS: AUG 20-DEC 14
7579020 A1 TR 1:10-3:00 MEETS: AUG 20-DEC 14

ENVIRONMNTL SOCIOl ENV S 382 3 CREDITS
Prereq: SOC 130, 134, OR 3 CREDITS OF ENV S
7579005 A1 R 4:10-7:00PM MEETS: AUG 20-DEC 14
Note: SECTION A1 RESTRICTED TO SOC, P S A MAJORS ONLY
7579010 A2 R 4:10-7:00PM MEETS: AUG 20-DEC 14
Note: SECTION A2 FOR MAJORS OTHER THAN SOC, P S A

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS
Prereq: APPROVAL OF THE ENV S COORDINATOR
Satisfactory-Fail Only
Note: CONTACT CLARK FORD FOR PERMISSION TO REGISTER AT 515-294-0343/CFORD@IASTATE.EDU.
Instructor permission required.
Section XW is off campus
Course delivery is WWW

GLOBAL CHANGE ENV S 404 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING
Note: Available for nonmajor graduate credit
8673600 XW ARRANGED GUTOWSKI W
MEETS: AUG 20-DEC 14
Note: Section XW is off campus
Course delivery is WWW

URBN WATRSHD ASEMST ENV S 417 3 CREDITS
Prereq: JUNIOR CLASSIFICATION AND 6 CREDITS OF NATURAL SCIENCE
9090005 T 1:10-2:00 R 12:40-1:30 MEETS: AUG 20-DEC 14
FALL 2012

ENVIRONMENTAL STUDIES (CONTINUED)

ISSUES SUSTAIN AGRI ENV S 450 3 CREDITS
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
9429005 1 MWF 11:00-11:50 ZDORKOWSKI G
MEETS: AUG 20-DEC 14
9429010 2 MWF 11:00-11:50 ZDORKOWSKI G
MEETS: AUG 20-DEC 14

CONTR NAT RSRC MGT ENV S 460 3 CREDITS
Prereq: 120, and a B C 312 or NREM 301, and
JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
2880005 TR 11:00-12:10 MEETS: AUG 20-DEC 14
INDEPENDENT STUDY ENV S 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF
ENV & COORDINATOR
****** SEE DEPT FOR REFERENCE NUMBERS

EVENT MANAGEMENT

P R & EVENT MGMT I EVENT 271 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR. COURSE MUST
BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN
BE REPEATED FOR 1 CREDIT.
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012
4556005 1A ARRANGED MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO EVENT MAJORS ONLY
Course delivery is WWW
4556010 1B ARRANGED MEETS: AUG 20-DEC 14
Note: SECTION 1B RESTRICTED TO A M D, HRI, HSP M
MAJORS ONLY
Course delivery is WWW
4556015 1C ARRANGED MEETS: AUG 20-DEC 14
Note: SECTION 1C RESTRICTED TO MAJORS OTHER THAN
EVENT, A M D, AMDP, HRI, HSP M, T C
Course delivery is WWW

CONFNC4MTG PLANNNG EVENT 371 1-3 CREDITS
Prereq: 2
1350005 1A ARRANGED MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO EVENT MAJORS ONLY
1350010 1B ARRANGED MEETS: AUG 20-DEC 14
Note: SECTION 1B RESTRICTED TO A M D, AMDP, HRI,
HSP M, T C MAJORS ONLY
1350015 1C ARRANGED MEETS: AUG 20-DEC 14
Note: SECTION 1C RESTRICTED TO MAJORS OTHER THAN
A M D, AMDP, EVENT, HRI, HSP M, T C

SPECIAL EVENTS COORD EVENT 471 1-3 CREDITS
Prereq: EVENT 371; APPLICATION AND INSTRUCTOR
PERMISSION REQUIRED FOR SPRING ENROLLMENT; FORM
AVAILABLE FROM THE AESHM DEPARTMENT OFFICE
Note: COURSE ONLY OFFERED FOR 3 CREDITS FALL 2012
4612005 ARRANGED MEETS: AUG 20-DEC 14
Note: Instructor permission required.

FAMILY & CONSUMER SCIENCES ED & STUDIES

PRO ROLES FAMILY SCI FCEDS 206 2 CREDITS
3974005 A M 10:00-10:50 ARRANGED
MEETS: AUG 20-DEC 14

PRE-TCHG PRCTCM LAB FCEDS 280A 1 CREDIT
Prereq: ADMISSION TO TEACHER EDUCATION
Satisfactory-Fail Only.
9460005 ARRANGED MEETS: AUG 20-DEC 14

PRE-TCHG PRA:DV SET FCEDS 280B 1 CREDIT
Satisfactory-Fail Only.
9484005 ARRANGED MEETS: AUG 20-DEC 14

EDU PRIN FAMILY SCI FCEDS 306 4 CREDITS
Prereq: 15 CREDITS IN FAMILY AND CONSUMER
SCIENCES SUBJET MATTER; ENROLLMENT IN SP ED 401
3982005 T 3:10-5:00, R 3:10-5:00, ARRANGED
MEETS: AUG 20-DEC 14

SUPR TCHG VOC FAMILY FCEDS 417A 8 CREDITS
Prereq: 413, 24 CREDITS IN FAMILY & CONSUMER SCI
SUBJET MATTER, 2.50 CUM GPA, FULL ADMISSION TO
TEACHER EDUCATION, ADVANCE RESERVATION REQUIRED
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
3987005 ARRANGED MEETS: AUG 20-DEC 14

FAMILY & CONSUMER SCIENCES ED & STUDIES (CONTINUED)
SUPV TCHG FAMILY SCI FCEDS 417B 3-8 CREDITS
Prereq: 413, 24 CREDITS IN FAMILY & CONSUMER SCI
SUBJET MATTER, 2.50 CUM GPA, FULL ADMISSION TO
TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
3988005 ARRANGED MEETS: AUG 20-DEC 14
INDEPENDENT STUDY GENERAL FCEDS 490G VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SUPV EXPNCE COMMUNC FCEDS 491A 3 CREDITS
Prereq: HD PS 449; 24 CREDITS IN FAMILY AND
CONSUMER SCIENCES; RESERVATION REQUIRED
2261005 ARRANGED MEETS: AUG 20-DEC 14

SPL TOPICS ADULT ED FCEDS 590A VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS ADMINIST FCEDS 590B VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP CURRICULUM FCEDS 590C VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP EVALUATION FCEDS 590D VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP RES METHDOL FCEDS 590H VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP INTL EDUC FCEDS 590I VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
CREEATIVE COMPONENT FCEDS 599 VAR. CREDITS
Prereq: 6 CREDITS IN FCS OR EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP RSRC MTHDL FCEDS 690U VAR. CREDITS
Enrollment in doctoral program,
permission of instructor; approval of doge
8983015 BT ARRANGED MEETS: AUG 20-DEC 14

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

FAMILY FINANCIAL PLANNING

FAMILY SYSTEMS FFP 520 3 CREDITS
Note: CONTACT KAREN SCHMIDT FOR PERMISSION TO REGISTER
AT 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED
INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY
515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER
8201600 XG ARRANGED MEETS: AUG 21-DEC 14

FAMILY & CONSUMER SCIENCES ED & STUDIES (CONTINUED)
SUPV TCHG FAMILY SCI FCEDS 417B 3-8 CREDITS
Prereq: 413, 24 CREDITS IN FAMILY & CONSUMER SCI
SUBJET MATTER, 2.50 CUM GPA, FULL ADMISSION TO
TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
3988005 ARRANGED MEETS: AUG 20-DEC 14
INDEPENDENT STUDY GENERAL FCEDS 490G VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SUPV EXPNCE COMMUNC FCEDS 491A 3 CREDITS
Prereq: HD PS 449; 24 CREDITS IN FAMILY AND
CONSUMER SCIENCES; RESERVATION REQUIRED
2261005 ARRANGED MEETS: AUG 20-DEC 14

SPL TOPICS ADULT ED FCEDS 590A VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS ADMINIST FCEDS 590B VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP CURRICULUM FCEDS 590C VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP EVALUATION FCEDS 590D VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP RES METHDOL FCEDS 590H VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP INTL EDUC FCEDS 590I VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
CREEATIVE COMPONENT FCEDS 599 VAR. CREDITS
Prereq: 6 CREDITS IN FCS OR EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS
ADV TOP RSRC MTHDL FCEDS 690U VAR. CREDITS
Enrollment in doctoral program,
permission of instructor; approval of doge
8983015 BT ARRANGED MEETS: AUG 20-DEC 14

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

FAMILY SYSTEMS FFP 520 3 CREDITS
Note: CONTACT KAREN SCHMIDT FOR PERMISSION TO REGISTER
AT 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED
INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY
515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER
8201600 XG ARRANGED MEETS: AUG 21-DEC 14

FAMILY SYSTEMS FFP 520 3 CREDITS
Note: CONTACT KAREN SCHMIDT FOR PERMISSION TO REGISTER
AT 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED
INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY
515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER
8201600 XG ARRANGED MEETS: AUG 21-DEC 14

FAMILY SYSTEMS FFP 520 3 CREDITS
FINANCE (CONTINUED)

PRINCIPAL OF FINANCE FIN 301 3 CREDITS
MKT 340. 3698080 J2 MWF 12:10-1:00 MEETS: AUG 20-DEC 14

CORPORATE FINANCE FIN 310 3 CREDITS
Prereq: FIN 301. Note: SEC A1,A2,C2 RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2,C2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, LSCM, MGMT, MIS, MKT, OCSM, SCM MAJORS ONLY. 3691005 A1 MWF 12:10-1:00 MEETS: AUG 20-DEC 14
3691010 A2 MWF 12:10-1:00 MEETS: AUG 20-DEC 14
3691015 B1 MWF 10:00-10:50 MEETS: AUG 20-DEC 14
3691020 B2 MWF 10:00-10:50 MEETS: AUG 20-DEC 14
3691025 C1 MWF 11:00-11:50 MEETS: AUG 20-DEC 14
3691030 C2 MWF 11:00-11:50 MEETS: AUG 20-DEC 14

INVESTMENTS FIN 320 3 CREDITS
Prereq: FIN 301. Note: SECTIONS A1,B1,C1 RESTRICTED TO FIN MAJORS ONLY. SECTIONS A2,B2,C2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, LSCM, MGMT, MIS, MKT, OCSM, SCM, SCMA MAJORS ONLY. COURSE NOT OPEN TO P BUS. 3692005 A1 MWF 9:00-9:50 MEETS: AUG 20-DEC 14
3692010 A2 MWF 9:00-9:50 MEETS: AUG 20-DEC 14
3692015 B1 MWF 10:00-10:50 MEETS: AUG 20-DEC 14
3692020 B2 MWF 10:00-10:50 MEETS: AUG 20-DEC 14
3692025 C1 TR 3:40-4:55 MEETS: AUG 20-DEC 14
3692030 C2 TR 3:40-4:55 MEETS: AUG 20-DEC 14

FIXD INCOME SECURTI FIN 327 3 CREDITS
Prereq: FIN 301. Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, LSCM, MGMT, MIS, MKT, OCSM, SCM, SCM MAJORS ONLY. 3693005 A1 MWF 11:00-11:50 MEETS: AUG 20-DEC 14
3693010 A2 MWF 12:10-1:00 MEETS: AUG 20-DEC 14
3693015 B1 MWF 1:10-2:00 MEETS: AUG 20-DEC 14

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FINAN MKTS&INSITUT FIN 330 3 CREDITS
Prereq: FIN 301. Note: COURSE RESTRICTED TO FIN MAJORS ONLY. 6829005 A MWF 12:10-1:00 MEETS: AUG 20-DEC 14
6829010 B MWF 1:10-2:00 MEETS: AUG 20-DEC 14

PERSNL RISK MGT&INS FIN 361 3 CREDITS
Prereq: ECOM 101. Note: COURSE RESTRICTED TO FIN MAJORS ONLY. 3693005 A1 MWF 11:00-11:50 MEETS: AUG 20-DEC 14
Note: SECTION A1 RESTRICTED TO FIN MAJORS ONLY. 3693010 A2 MWF 11:00-11:50 MEETS: AUG 20-DEC 14
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN FIN, P BUS. 3693015 B1 MWF 1:10-2:00 MEETS: AUG 20-DEC 14

REAL ESTATE PRINCIP FIN 371 3 CREDITS
Prereq: ECOM 101. Note: SECTIONS A1,B1 RESTRICTED TO FIN MAJORS ONLY. SECTIONS A2,B2 RESTRICTED TO MAJORS OTHER THAN FIN, P BUS. 3690005 A1 T 6:10-9:00PM MEETS: AUG 20-DEC 14
3690010 A2 T 6:10-9:00PM MEETS: AUG 20-DEC 14
3690015 B1 W 6:10-9:00PM MEETS: AUG 20-DEC 14
3690020 B2 W 6:10-9:00PM MEETS: AUG 20-DEC 14

BUS FINANC DECISNS FIN 415 3 CREDITS
Prereq: FIN 301 AND STAT 326. Note: SECTIONS A1,B1 RESTRICTED TO FIN MAJORS ONLY. SECTIONS A2,B2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, I BUS, LSCM, MGMT, MIS, MKT, OCSM, SCM, SCAM MAJORS ONLY. COURSE NOT OPEN TO P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD. Available for nonmajor graduate credit. 3698005 A1 M 6:10-9:00PM MEETS: AUG 20-DEC 14
3698010 A2 M 6:10-9:00PM MEETS: AUG 20-DEC 14
3698015 B1 T 6:10-9:00PM MEETS: AUG 20-DEC 14
3698020 B2 T 6:10-9:00PM MEETS: AUG 20-DEC 14

FINANCE (CONTINUED)

FIN FUTURES&OPTIONS FIN 424 3 CREDITS
Prereq: FIN 320 AND STAT 326. Note: COURSE NOT OPEN TO P BUS MAJORS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD. Available for nonmajor graduate credit. 3697015 A1 TR 11:00-12:15 MEETS: AUG 20-DEC 14
3697010 A2 TR 11:00-12:15 MEETS: AUG 20-DEC 14

SECU ANALY&PORTFOL FIN 425 3 CREDITS
Prereq: FIN 320, STAT 326 AND PERMISSION OF INSTRUCTOR. 7201005 A M 6:10-9:00PM MEETS: AUG 20-DEC 14
Note: Instructor permission required.

BANK MGT DECISIONS FIN 445 3 CREDITS
Prereq: STAT 326 AND FIN 330 OR ECON 353. Note: COURSE NOT OPEN TO P BUS MAJORS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD. Available for nonmajor graduate credit. 3696005 A1 T 6:10-9:00PM MEETS: AUG 20-DEC 14
3696010 A2 T 6:10-9:00PM MEETS: AUG 20-DEC 14

CORPOR RISK MGT&INS FIN 462 3 CREDITS
Prereq: FIN 301 AND STAT 326. Note: COURSE NOT OPEN TO P BUS MAJORS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD. Available for nonmajor graduate credit. 9268005 A1 MWF 9:00-9:50 MEETS: AUG 20-DEC 14
9268010 A2 MWF 9:00-9:50 MEETS: AUG 20-DEC 14

REAL ESTATE FINANCE FIN 472 3 CREDITS
Prereq: FIN 301 AND STAT 326. Note: SECTIONS A1,B1 RESTRICTED TO FIN MAJORS ONLY. SECTIONS A2,B2 RESTRICTED TO MAJORS OTHER THAN FIN, P BUS. GRADUATE STUDENTS BY SIGNATURE FROM 1200 GERDIN. Available for nonmajor graduate credit. 4555005 A1 W 5:10-8:00PM MEETS: AUG 20-DEC 14
4555010 A2 W 5:10-8:00PM MEETS: AUG 20-DEC 14
4555015 B1 R 5:10-8:00PM MEETS: AUG 20-DEC 14
4555020 B2 R 5:10-8:00PM MEETS: AUG 20-DEC 14

INTERNL FINANCE FIN 480 3 CREDITS
Prereq: FIN 301 AND STAT 326. Note: SECTIONS A1,B1 RESTRICTED TO FIN MAJORS ONLY. SECTIONS A2,B2 RESTRICTED TO MAJORS OTHER THAN FIN, P BUS. 5131005 A1 MWF 11:00-11:50 MEETS: AUG 20-DEC 14
Note: SECTION A1 RESTRICTED TO FIN MAJORS ONLY. 5131010 A2 MWF 11:00-11:50 MEETS: AUG 20-DEC 14
Note: SECTION A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, LSCM, MGMT, MIS, MKT, OCSM, SCM, SCMA MAJORS ONLY. 5131015 B1 M 11:00-11:50 MEETS: AUG 20-DEC 14
Note: SECTION A1 RESTRICTED TO FIN MAJORS ONLY. 5131020 B2 M 11:00-11:50 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY FIN 490 1-3 CREDITS
Prereq: FIN 301 AND PERMISSION OF INSTRUCTOR. Note: Instructor permission required. ****** SEE DEPT FOR REFERENCE NUMBERS

BANKING INTERNSHIP FIN 499A 1-3 CREDITS
Prereq: STAT 326 AND GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR. Satisfactory-Fail only. 9403005 ARRANGED MEETS: AUG 20-DEC 14
Note: Department permission required.

INSURANCE INTERNSHIP FIN 499B 1-3 CREDITS
Prereq: STAT 326; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR. Satisfactory-Fail only. 9555005 ARRANGED MEETS: AUG 20-DEC 14
Note: Department permission required.
FOOD SCIENCE & HUMAN NUTRITION

FOOD & THE CONSUMER FS HN 101 3 CREDITS
Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR 3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
3669005 MWF 11:00-11:50
MEETS: AUG 20-DEC 14
3659600 XW ARRANGED WILSON L
MEETS: AUG 20-DEC 14
Note: COURSE RESTRICTED TO BUSINESS COLLEGE STUDENTS
Note: SECTION XW IS OFF-CAMPUS
Instructor permission required.

INTRO CULINARY SKILLS FS HN 104 1 CREDIT
ADV FINANCIAL MGT FIN 510 3 CREDITS
Prereq: FIN 501
3703600 XA R 5:50-6:10 PM SAPP T
MEETS: AUG 30-NOV 15
Note: NON-BUSINESS GRADUATE STUDENTS ONLY
Note: RESTRICTED TO BUSINESS GRADUATE STUDENTS
Note: COURSE RESTRICTED TO DIET/A, DIETH, PDEXA, PDEXH

FOOD CHEMISTRY LAB FS HN 311L 1 CREDIT
Prereq: FS HN 167, CHEM 231 AND CHEM 231L OR CHEM 331 OR CHEM 331L
JUNIORS AND SENIORS ONLY
Note: COURSE RESTRICTED TO DIETA, DIETH, PDEXA, PDEXH
Basic Science Only

FOOD PREPARATION LAB FS HN 115 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN FS HN 111 OR FS HN 111 OR FS HN 111 OR FS HN 111 OR FS HN 111
2922005 M 2:10-5:00
MEETS: AUG 20-DEC 14
2922010 W 2:10-5:00
MEETS: AUG 20-DEC 14
2922015 3 T 1:10-4:00
MEETS: AUG 20-DEC 14
2922020 4 R 9:00-11:50
MEETS: AUG 20-DEC 14

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD PREPARATION LAB FS HN 115 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN FS HN 111 OR FS HN 111 OR FS HN 111 OR FS HN 111 OR FS HN 111
2922005 M 2:10-5:00
MEETS: AUG 20-DEC 14
2922010 W 2:10-5:00
MEETS: AUG 20-DEC 14
2922015 3 T 1:10-4:00
MEETS: AUG 20-DEC 14
2922020 4 R 9:00-11:50
MEETS: AUG 20-DEC 14

FOOD PREPARATION LAB FS HN 115 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN FS HN 111 OR FS HN 111 OR FS HN 111 OR FS HN 111 OR FS HN 111
2922005 M 2:10-5:00
MEETS: AUG 20-DEC 14
2922010 W 2:10-5:00
MEETS: AUG 20-DEC 14
2922015 3 T 1:10-4:00
MEETS: AUG 20-DEC 14
2922020 4 R 9:00-11:50
MEETS: AUG 20-DEC 14
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<th>Credits</th>
<th>Time</th>
<th>Days</th>
<th>Prerequisites</th>
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<td>2</td>
<td>11:00-2:00</td>
<td>M</td>
<td>FSHN 265; 3 CREDITS IN STATISTICS; 3 CREDITS IN PHYSIOLOGY RECOMMENDED</td>
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<td>1:10-4:00</td>
<td>M</td>
<td>BIOL 256, BIOL 256L OR BIOL 306</td>
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<td>FS HN 410</td>
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<td>8:00-8:50</td>
<td>W</td>
<td>FSHN 214 OR FS HN 311 OR AN S 366; 3 CREDITS IN STATISTICS</td>
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<td>FS HN 411</td>
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<td>FSHN 214 OR FS HN 311, FS HN 215 OR FS HN 311L</td>
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<td>MICRO 201 OR MICRO 302</td>
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<td>FS HN 421</td>
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<td>MEMBERS OF THE UNIVERSITY HONORS PROGRAM</td>
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<td>FS HN 450</td>
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<td>FS HN 451</td>
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<td>FS HN 452</td>
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<td>FS HN 453</td>
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<td>FS HN 455</td>
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<td>FS HN 457</td>
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<td>FS HN 458</td>
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<td>FS HN 459</td>
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<td>FS HN 460</td>
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<td>FS HN 461</td>
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<td>FS HN 463</td>
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<td>FS HN 464</td>
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<td>FS HN 465</td>
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<td>FS HN 466</td>
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<td>FS HN 467</td>
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<td>FS HN 468</td>
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<td>FS HN 470</td>
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<td>FS HN 471</td>
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<td>FS HN 474</td>
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<td>FS HN 475</td>
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<td>FS HN 480</td>
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Note: Available for nonmajor graduate credit.
FOOD SCIENCE & HUMAN NUTRITION

REGULATORY TOXICOLG  FS HN 515  1 CREDIT
Prereq: BBMB 404 OR FS HN 403
5650005  ARRANGED  MEETS: AUG 20-DEC 14

FOOD TOXICOLOGY  FS HN 519  3 CREDITS
Prereq: A COURSE IN BIOCHEMISTRY
Note: CREDIT FOR EITHER FS HN/TOX/MICRO 519 OR FS HN/TOX/MICRO 419, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
7758005  TR 8:00-9:15  MEETS: AUG 20-DEC 14

FOOD SAFETY OVERVIEW  FS HN 523  2 CREDITS
Prereq: A COURSE IN BIOLOGY OR CHEMISTRY; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
9441600  XG ARRANGED  MEETS: AUG 20-DEC 7
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT 515-294-7656/LYOUNG@IASTATE.EDU.
Available for nonmajor graduate credit
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium
PRINCIPLES OF HACCP  FS HN 525  2 CREDITS
Prereq: UNDERGRADUATE BIOLOGY AND CHEMISTRY COURSES; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
9442600  XG ARRANGED  MEETS: AUG 20-DEC 7
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT 515-294-7656/LYOUNG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium
FOOD DEFENS CONCEPTS  FS HN 528  2 CREDITS
Prereq: ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR INSTRUCTOR PERMISSION
9448600  XG ARRANGED  MEETS: AUG 20-DEC 7
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT 515-294-7656/LYOUNG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium
FOODBORNE TOXICANTS  FS HN 529  2 CREDITS
Prereq: A COURSE IN BIOCHEMISTRY; ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR.
8339005  ARRANGED  MEETS: AUG 20-DEC 14
8339600  XF ARRANGED  HENDRICH S  MEETS: AUG 20-DEC 14
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT 515-294-7656/LYOUNG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XF is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium
Cmtr reqmt: http://www.agde.iastate.edu/support /comp.reqs.php
8339605  XH ARRANGED  HENDRICH S  MEETS: AUG 20-DEC 14
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT 515-294-7656/LYOUNG@IASTATE.EDU.
College permission required.
Section XH is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium
Cmtr reqmt: http://www.agde.iastate.edu/support /comp.reqs.php
8339610  XW ARRANGED  HENDRICH S  MEETS: AUG 20-DEC 14
Note: Section XW is off campus
Course delivery is WWW
Cmtr reqmt: http://www.agde.iastate.edu/support /comp.reqs.php
INTRO DNA TECHNIQS  FS HN 542A  1 CREDIT
Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
7123005  1 TR 1:10-2:00  TR 2:10-4:00  MEETS: AUG 21-SEPT 20

INTRO CELL TECHNIQS  FS HN 542C  1 CREDIT
Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
7130005  1 TR 1:10-2:00  TR 2:10-4:00  MEETS: OCT 30-DEC 6
FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

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

GRANT PROPOSAL WRIT FS HN 695 1 CREDIT
Prereq: 3 CREDITS OF GRADUATE COURSE WORK IN FOOD SCIENCE AND/OR NUTRITION
Satisfactory-Fail Only.
1274005 1 F 11:00-11:50 MEETS: AUG 20-DEC 14
RESRCH FOOD SCI&TEC FS HN 699 VAR. CREDITS
Satisfactory-Fail Only.
------- SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

FOREST BIOLOGY FOR 201 2 CREDITS
Prereq: CONCURRENT ENROLLMT IN 202, 203, 204, 205, 206
Note: Instructor permission required 1st week.
3709005 A MWF 9:00-9:50 THOMPSON J
MEETS: AUG 20-DEC 14
Note: MEETS 12 WEEKS

WOOD UTILIZATION FOR 202 2 CREDITS
Prereq: CONCURRENT ENROLLMT IN 201, 202, 204, 205, 206
Note: Instructor permission required 1st week.
3710005 A MWF 11:00-11:50 KUO M
MEETS: AUG 20-DEC 14
Note: MEETS 12 WEEKS

RESOUR MEASUR/EVAL FOR 203 2 CREDITS
Prereq: CONCURRENT ENROLLMT IN 201, 202, 204, 205, 206
Note: Instructor permission required 1st week.
3711005 A M 1:10-4:00 MCMULLEN C
MEETS: AUG 20-DEC 14
Note: MEETS 12 WEEKS

F ECOSYS DECISN MAK FOR 204 2 CREDITS
Prereq: CONCURRENT ENROLLMT IN 201, 202, 204, 205, 206
Note: Instructor permission required 1st week.
3712005 A MWF 10:00-10:50 TINDALL J
MEETS: AUG 20-DEC 14
Note: MEETS 12 WEEKS

INTEGR FORESTRY LAB FOR 205 3 CREDITS
Prereq: CONCURRENT ENROLLMT IN 201, 202, 203, 204, 205, 206
Note: Instructor permission required 1st week.
9556005 A R 9:00-5:00 STOKKE D
MEETS: AUG 20-DEC 14
Note: MEETS 12 WEEKS

FALL FORESTRY CAMP FOR 206 4 CREDITS
Prereq: CONCURRENT ENROLLMT IN 201, 202, 203, 204, 205, 206
Note: Instructor permission required 1st week.
9557005 A ARRANGED HALL R
MEETS: AUG 20-DEC 14

SPL PROB LEADERSHIP FOR 290A 1-4 CREDITS
Prereq: FS OR SOHP CLASS IN FORESTRY
------- SEE DEPT FOR REFERENCE NUMBERS

SPL PROB ECOSYS MGT FOR 290B 1-4 CREDITS
Prereq: FS OR SOHP CLASS IN FORESTRY
------- SEE DEPT FOR REFERENCE NUMBERS

SPL PRB RESRC MNSVR FOR 290C 1-4 CREDITS
Prereq: FS OR SOHP CLASS IN FORESTRY
------- SEE DEPT FOR REFERENCE NUMBERS

SPL PRB URB&COMMN FOR 290D 1-4 CREDITS
Prereq: FS OR SOHP CLASS IN FORESTRY
------- SEE DEPT FOR REFERENCE NUMBERS

DYNAM FOREST STANDS FOR 342 3 CREDITS
Prereq: 201, STAT 101
Note: Available for nonmajor graduate credit
3720005 A MW 10:00-10:50 SCHULTE-MOORE L
M 3:10-6:00PM SCHULTE-MOORE L
MEETS: AUG 20-DEC 14

DENDROLOGY FOR 356 4 CREDITS
Prereq: BIOL 211
Note: Available for nonmajor graduate credit
Instructor permission required 1st week.
3714010 1 TR 11:00-11:50 MCMULLEN C
MEETS: AUG 20-DEC 14
3714015 2 TR 11:00-11:50 MCMULLEN C
MEETS: AUG 20-DEC 14

FORESTRY INSCT&DIS EC FOR 416 4 CREDITS
Prereq: 8 CR IN BIOL SCI, INCLUDING BIOL 211
------- Available for nonmajor graduate credit
3729005 MW 2:10-3:00 M 3:10-6:00PM
MEETS: AUG 20-DEC 14

ECOSYSTEM MANAGEMENT FOR 452 3 CREDITS
Prereq: JUNIOR CLASSIFICATION, NREM 301 OR A ECL 312
------- Available for nonmajor graduate credit
3732010 A MW 1:10-2:00 SCHULTE-MOORE L
F 11:00-2:00 SCHULTE-MOORE L
MEETS: AUG 20-DEC 14

URBAN FORESTRY FOR 475 3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 3 CR IN BIOLOGY
Note: Available for nonmajor graduate credit
5125005 A TR 10:00-10:50 THOMPSON J
R 3:10-6:00PM THOMPSON J
MEETS: AUG 20-DEC 14

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

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

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

CRTV COMPO WOOD SCI FOR 599E 1-12 CREDITS
Note: Instructor permission required 1st week.
------- SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR FOR 696 1 CREDIT
Satisfactory-Fail Only.
8834005 W 4:10-5:10 MEETS: AUG 20-DEC 14

FRENCH

ELEMENTARY FRENCH I FRENCH 101 4 CREDITS
Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS
OF HIGH SCHOOL FRENCH MAY NOT ENROLL IN 101.
TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
3803005 1 MTWR 9:00-9:50 MEETS: AUG 20-DEC 14
3803010 2 MTWR 10:00-10:50 MEETS: AUG 20-DEC 14
3803020 3 MTWR 11:00-11:50 MEETS: AUG 20-DEC 14
3803025 4 MTWR 12:00-12:50 MEETS: AUG 20-DEC 14
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GENETICS

(Continued)

LAB TCHG EXPERIENCE GEN 490U 1-2 CREDITS
Prereq: GEN/BIOI 313, JR/SR CLASSIFICATION, PERMISSIOIN OF INSTRUCTOR
Note: AS LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS LA COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEN 491 1 CREDIT
Prereq: JUNIOR CLASSIFICATION
3837005 A W 3:10-4:00
MEETS: AUG 20-DEC 14
3837010 B W 4:10-5:00
MEETS: AUG 20-DEC 14

COOPERATIVE EDUC GEN 498 R CREDIT
Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4281005 ARRANGED
MEETS: AUG 20-DEC 14

GENETICS - INTERDISCIPLINARY

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

WORKSHOP IN GENETICS GENET 591 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9313005
MEETS: AUG 20-DEC 14

GRAD STU SEMN R GENE GENET 690 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9682005 I W 12:10-1:00
MEETS: AUG 20-DEC 14

FACULTY RESEARCH SEMINAR GENET 691 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9314005 M W 12:10-1:00
MEETS: AUG 20-DEC 14

CONCEPTUAL FOUNDATION GENETICS GENET 692 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9315005 W 12:10-1:00
MEETS: AUG 20-DEC 14

GRAD RESEARCH ROTATION GENET 697 VAR. CREDITS
9316005 CB ARRANGED
MEETS: AUG 20-DEC 14

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

GENETICS, DEVELOPMENT & CELL BIOLOGY

TRANSMISSION GENETICS GDCB 510 3 CREDITS
Prereq: GEN 410 OR GRADUATE STANDING
2908005 A TR 11:00-12:30
MEETS: AUG 20-DEC 14

PLANT METABOLISM GDCB 513 2 CREDITS
Prereq: BIO 330, PHYS 111, CHEM 331; ONE SEMESTER OF BIOCHEMISTRY RECOMMENDED
2115005 1 TR 12:40-1:30
MEETS: AUG 20-DEC 14

ADVANCED MOLECULAR BIOLOGY GDCB 528 3 CREDITS
Prereq: COURSES IN GENERAL CELL BIOLOGY AND BIOCHEMISTRY
7122005 TR 3:40-5:00
MEETS: AUG 20-DEC 14

PRINCIPLES OF BIOL GDCB 533 3 CREDITS
Prereq: BIOL 314
9565005 TR 12:40-2:00
MEETS: AUG 20-DEC 14

STATISTICAL GENETICS GDCB 536 3 CREDITS
Prereq: STAT 401, STAT 447, GEN 320 OR BIOI 313
5783005 TR 3:40-5:00
MEETS: AUG 20-DEC 14

INTRA DNA TECHNOLOGY GDCB 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Pass Only.
7089005 1 TR 1:10-2:00
MEETS: AUG 21-SEPT 20

INTRA CELL TECHNOLOGY GDCB 542C 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Pass Only.
7096005 1 TR 1:10-2:00
MEETS: OCT 30-DEC 6

GENETICS, DEVELOPMENT & CELL BIOLOGY (Continued)

INTRA PROTEOMICS TCQ GDCB 542E 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Pass Only.
7212005 1 TR 1:10-2:00
MEETS:aug 25-Oct 25

INTRO BIOINFORMATICS GDCB 544 4 CREDITS
Prereq: MATH 165 OR STAT 401 OR EQUIVALENT
8556005 1 MWF 10:00-10:50
R 1:10-3:00
MEETS: AUG 20-DEC 14
8556010 2 MWF 10:00-10:50
R 3:10-5:00
MEETS: AUG 20-DEC 14

PLANT MOLECULAR BIOLOGY GDCB 545 3 CREDITS
Prereq: BIOL 335 OR 436, PHYSICS RECOMMENDED.
3872005 A TR 2:10-3:30
MEETS: AUG 20-DEC 14

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

SEMINAR IN GDCB GDCB 690 1 CREDIT
******** ARRANGED
MEETS: AUG 20-DEC 14

FACULTY SEMINAR GDCB 691 1 CREDIT
4705005 R 12:40-2:00
MEETS: AUG 20-DEC 14

RESEARCH SEMINAR GDCB 696 1 CREDIT
8832005 W 4:10-5:00
MEETS: AUG 20-DEC 14

SEMINAL MOLECULAR BIOLOGY GDCB 698 1-2 CREDITS
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2012
3856005 1 M 3:30-5:00
MEETS: AUG 20-DEC 14
Note: SECTION 1 WILL NOT MEET EVERY WEEK. MEETING DATES TO BE ANNOUNCED.

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

GEOLOGY

THE EARTH GEOL 100 3 CREDITS
3870005 A MWF 11:00-11:50
CERVATO C
MEETS: AUG 20-DEC 14
3870010 B MWF 1:10-2:00
CERVATO C
MEETS: AUG 20-DEC 14

THE EARTH: LAB GEOL 100L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN GEOL 100
7595005 1 TR 10:00-11:50
MEETS: AUG 20-DEC 14
7595010 2 TR 1:10-3:00
MEETS: AUG 20-DEC 14
7595015 3 R 1:10-3:00
MEETS: AUG 20-DEC 14
7595020 4 R 3:10-5:00
MEETS: AUG 20-DEC 14

ENVIRONMENTAL GEOLOGY GEOL 101 3 CREDITS
7596000 A MWF 10:00-10:50
DAWSON J
MEETS: AUG 20-DEC 14
7596600 WX ARRANGED
MEETS: AUG 20-DEC 14
Note: Section WX is off campus. Course delivery is WWW.

GEMS AND GEMSTONES GEOL 105 1 CREDIT
8854005 TR 9:30-10:20
SPRY P
MEETS: OCT 15-DEC 14

EARTH & SPACE SCIENCE LAB GEOL 106L 1 CREDIT
Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD EDUCATION; CONCURRENT ENROLLMENT IN 106L
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
8582005 1 M 3:30-5:00
MEETS: AUG 20-DEC 14
8582010 2 R 3:10-5:00
MEETS: AUG 20-DEC 14
GEOL 108 3 CREDITS
MEETS: AUG 20-DEC 14
5022005 TR 2:10-3:25 WANNAMAKER A

GEOL 111 1 CREDIT
MEETS: OCT 15-DEC 14
9152600 XW ARRANGED
Note: Section XW is off campus

SCIENCES
Prereq: FOUR COURSES IN BIOLOGICAL OR PHYSICAL HYDROGEOLOGY GEOL 411 4 CREDITS
Note: Available for nonmajor graduate credit
3092005 TR 3:10-4:00 HARDING C
MEETS: AUG 20-DEC 14

SURFICIAL PROCESSES GEOL 479 3 CREDITS
Note: Available for nonmajor graduate credit
8804005 TR 1:10-3:30 MEETS: AUG 20-DEC 14

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

MINERAL RESOURCES GEOL 420 3 CREDITS
Prereq: 100 OR 201 OR EQUIVALENT EXPERIENCE
8025005 TR 3:10-4:00 SPRY P
MEETS: AUG 20-DEC 14

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<td>Prereq: Junior or Senior in the GLOBE Major; Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
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<td>SENIOR PROJECT</td>
<td>3</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>8684005</td>
<td>Note: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
</tr>
<tr>
<td>GLOBE 404A</td>
<td>INDEPENDENT STUDY</td>
<td>1-4</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>8851005</td>
<td>Prereq: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
</tr>
<tr>
<td>GLOBE 409</td>
<td>INDEPENDENT STUDY</td>
<td>1-4</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>7770005</td>
<td>Note: No more than 4 credits of GLOBE 490 may be applied toward graduation</td>
</tr>
<tr>
<td>GLOBE 501</td>
<td>ISSU GLBL RSRC SYS</td>
<td>1</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>6651010</td>
<td>Note: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
</tr>
<tr>
<td>GER 535</td>
<td>ECON, PUB POLCY&amp;AGIN</td>
<td>3</td>
<td>XG</td>
<td>8324000</td>
<td>Prereq: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
</tr>
<tr>
<td>GER 538</td>
<td>ISSU GLBL RSRC SYS</td>
<td>3</td>
<td>ARRANGED</td>
<td>6679005</td>
<td>Prereq: Credit or enrollment in GLOBE 201</td>
</tr>
<tr>
<td>GER 539</td>
<td>SPECIAL TOPICS</td>
<td>3</td>
<td>ARRANGED</td>
<td>3059005</td>
<td>Prereq: Credit or enrollment in GLOBE 201</td>
</tr>
<tr>
<td>GER 590</td>
<td>SPECIAL TOPICS</td>
<td>3</td>
<td>ARRANGED</td>
<td>3059005</td>
<td>Prereq: Credit or enrollment in GLOBE 201</td>
</tr>
<tr>
<td>GLOBE 211</td>
<td>ISSU GLBL RSRC SYS</td>
<td>3</td>
<td>ARRANGED</td>
<td>6651005</td>
<td>Prereq: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
</tr>
<tr>
<td>GLOBE 221</td>
<td>APPRENTICESHIP</td>
<td>3</td>
<td>ARRANGED</td>
<td>6652005</td>
<td>Note: Instructor permission required.</td>
</tr>
<tr>
<td>GLOBE 321</td>
<td>INTERNSHIP - GLOBAL</td>
<td>3-6</td>
<td>ARRANGED</td>
<td>8684005</td>
<td>Prereq: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
</tr>
<tr>
<td>GLOBE 322</td>
<td>INTERNSHIP - U.S.</td>
<td>3-6</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>8684005</td>
<td>Note: No more than 12 credits of GLOBE 321 and 322 may be applied toward degree requirements.</td>
</tr>
<tr>
<td>GLOBE 401</td>
<td>SENIOR PROJECT</td>
<td>3</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>8684005</td>
<td>Note: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
</tr>
<tr>
<td>GLOBE 404A</td>
<td>INDEPENDENT STUDY</td>
<td>1-4</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>7770005</td>
<td>Note: No more than 4 credits of GLOBE 490 may be applied toward graduation</td>
</tr>
<tr>
<td>GLOBE 501</td>
<td>ISSU GLBL RSRC SYS</td>
<td>1</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>6651010</td>
<td>Note: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
</tr>
<tr>
<td>GER 535</td>
<td>ECON, PUB POLCY&amp;AGIN</td>
<td>3</td>
<td>XG</td>
<td>8324000</td>
<td>Prereq: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
</tr>
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<td>GER 538</td>
<td>ISSU GLBL RSRC SYS</td>
<td>3</td>
<td>ARRANGED</td>
<td>6679005</td>
<td>Prereq: Credit or enrollment in GLOBE 201</td>
</tr>
<tr>
<td>GER 539</td>
<td>SPECIAL TOPICS</td>
<td>3</td>
<td>ARRANGED</td>
<td>3059005</td>
<td>Prereq: Credit or enrollment in GLOBE 201</td>
</tr>
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<td>ISSU GLBL RSRC SYS</td>
<td>3</td>
<td>ARRANGED</td>
<td>6651005</td>
<td>Prereq: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
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<td>GLOBE 221</td>
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<td>3</td>
<td>ARRANGED</td>
<td>6652005</td>
<td>Note: Instructor permission required.</td>
</tr>
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<td>GLOBE 321</td>
<td>INTERNSHIP - GLOBAL</td>
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<td>ARRANGED</td>
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<td>Prereq: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
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<tr>
<td>GLOBE 322</td>
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<td>3-6</td>
<td>MEETS: AUG 20-DEC 14</td>
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<td>MEETS: AUG 20-DEC 14</td>
<td>8684005</td>
<td>Note: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
</tr>
<tr>
<td>GLOBE 404A</td>
<td>INDEPENDENT STUDY</td>
<td>1-4</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>7770005</td>
<td>Note: No more than 4 credits of GLOBE 490 may be applied toward graduation</td>
</tr>
<tr>
<td>GLOBE 501</td>
<td>ISSU GLBL RSRC SYS</td>
<td>1</td>
<td>MEETS: AUG 20-DEC 14</td>
<td>6651010</td>
<td>Note: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
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<td>XG</td>
<td>8324000</td>
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<td>ISSU GLBL RSRC SYS</td>
<td>3</td>
<td>ARRANGED</td>
<td>6651005</td>
<td>Prereq: Instructor permission; approval by the Global Resource Systems Faculty Coordinator</td>
</tr>
</tbody>
</table>
GLOBAL RESOURCE SYSTEMS

IND STDY SERVE LRN GLOBE 490Z 1-4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACILITY COORDINATOR.
Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE APPLIED TOWARD GRADUATION. COURSE ONLY OFFERED 1 CR.
6823005 ARRANGED
MEETS: AUG 20-DEC 14

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS
6903005 ARRANGED
MEETS: AUG 20-DEC 14

GRADUATE STUDIES

RSPBL RSCH CONDUCT GR ST 565 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
7866005 1 T 11:00-11:50
MEETS: AUG 20-DEC 14
7866010 2 W 11:00-11:50
MEETS: AUG 20-DEC 14

GRANT WRITING GR ST 569 1 CREDIT
Prereq: AT LEAST TWO PRIOR YEARS OF GRADUATE CLASSIFICATION.
T 4:10-5:00
MEETS: AUG 20-DEC 14

EXAMINATION ONLY GR ST 600 R CREDIT
3972005 ARRANGED
MEETS: AUG 20-DEC 14

REQUIRE ENROLLMENT GR ST 601 R CREDIT
Note: Instructor permission required.
4482005 ARRANGED
MEETS: AUG 20-DEC 14

DOCE PRELIM REGESTRA GR ST 680 R CREDIT
7349005 ARRANGED
MEETS: AUG 20-DEC 14

PRACTICAL TRAINING GR ST 697 R CREDIT
6905005 ARRANGED
MEETS: AUG 20-DEC 14

Note: THE REQUIRED APPROVAL SIGNATURE SHOULD BE OBTAINED IN 1137 PEARSON HALL.
College permission required.

GREEK

INTERMD CLASS GREEK GREEK 201 VAR. CREDITS
Prereq: 102
Note: TEST NOT AVAILABLE IF ALSO REGISTERED.
Meets international perspectives reqmt.
2375600 XW MWF 9:30-10:10
MEETS: AUG 20-DEC 14
Note: THIS COURSE IS OFFERED IN PARTNERSHIP WITH THE UNIVERSITY OF IOWA AND MEETS ON THE ISU CAMPUS. LIVE VIEWING IS REQUIRED. SECTION XX IS OFFERED FOR 3 CR FALL 2012.
Section XX is off campus.
Course delivery is Videostreaming.

INDEPENDENT STUDY GREEK 490 1-6 CREDITS
Prereq: 6 CR in GREEK; PERMISSION OF DEPT CHAIR.
Note: NO MORE THAN 6 CREDITS OF GREEK 490 MAY BE APPLIED TOWARD GRADUATION.
Permission of department chair required.
****** SEE DEPT FOR REFERENCE NUMBERS.

HEALTH STUDIES

1ST AID & EMERG CARE H S 105 2 CREDITS
4081005 1A MWF 10:00-10:50
MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO KIN H MAJORS.

4081010 1B MWF 10:00-10:50
MEETS: AUG 20-DEC 14

4081015 2A MWF 11:00-11:50
MEETS: AUG 20-DEC 14

4081020 2B MWF 11:00-11:50
MEETS: AUG 20-DEC 14

4081025 3A MWF 1:10-2:00
MEETS: AUG 20-DEC 14

4081030 3B MWF 1:10-2:00
MEETS: AUG 20-DEC 14

4081035 4A TR 11:00-12:15
MEETS: AUG 20-DEC 14
Note: SECTION 4A RESTRICTED TO KIN H MAJORS.

4081040 4B TR 11:00-12:15
MEETS: AUG 20-DEC 14

4081045 5A TR 12:40-2:00
MEETS: AUG 20-DEC 14
Note: SECTION 5A RESTRICTED TO KIN H MAJORS.

PERS & CONSUMER HLTH H S 110 3 CREDITS
4082005 1A MWF 9:00-9:50
MEETS: AUG 20-DEC 14

4082010 1A MWF 9:00-9:50
MEETS: AUG 20-DEC 14

4082015 2A MWF 11:00-11:50
MEETS: AUG 20-DEC 14

4082020 2A TR 10:00-11:15
MEETS: AUG 20-DEC 14

4082040 4A TR 12:40-2:00
MEETS: AUG 20-DEC 14

4082045 4B TR 12:40-2:00
MEETS: AUG 20-DEC 14

4082055 5A TR 2:10-3:30
MEETS: AUG 20-DEC 14

4082065 6A MWF 10:00-10:50
MEETS: AUG 20-DEC 14

DRUG EDUCATION H S 215 3 CREDITS
4083005 1A TR 9:30-10:50
MEETS: AUG 20-DEC 14

4083010 1B MWF 10:00-10:50
MEETS: AUG 20-DEC 14

4083015 2A TR 8:00-9:20
MEETS: AUG 20-DEC 14

4083020 3B MWF 11:00-11:50
MEETS: AUG 20-DEC 14

4083025 4B TR 12:40-2:00
MEETS: AUG 20-DEC 14

4083030 5B MWF 1:10-2:00
MEETS: AUG 20-DEC 14

HEALTH ED ELEM SCHL H S 275 3 CREDITS
Prereq: HD FS 102 OR 226
Note: CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Instructor permission required 1st week.
4084005 1 MWF 10:00-10:50
MEETS: AUG 20-DEC 14

4084010 2 MWF 11:00-11:50
MEETS: AUG 20-DEC 14

4084015 3B MWF 12:40-2:00
MEETS: AUG 20-DEC 14

4084020 4B MWF 1:10-2:00
MEETS: AUG 20-DEC 14

4084025 5A TR 12:40-2:00
MEETS: AUG 20-DEC 14

4084030 6A MWF 10:00-10:50
MEETS: AUG 20-DEC 14

COMMUN & PUBLIC HEALTH H S 310 3 CREDITS
4087005 1A MWF 11:00-11:50
MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO KIN H MAJORS.

4087010 1B MWF 11:00-11:50
MEETS: AUG 20-DEC 14

4088005 1A TR 12:40-2:00
MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO KIN H, D EXA, D EXH, PDXA, PDEXH JUNIORS AND SENIORS.

4088010 1B TR 12:40-2:00
MEETS: AUG 20-DEC 14
HEALTH STUDIES (CONTINUED)

TEACH–LEARN HLT ED H S 375 3 CREDITS
Prereq: 105, 110, 215
Note: Credit for either H S 375 or H S 375, but not both, may be applied toward graduation.
Instructor permission required 1st week.
4089005 1 MW 10:00–10:50
MEETS: AUG 20–DEC 14

WRKSITE HLT HLR PROMOT H S 380 3 CREDITS
Prereq: KIN 258, 366, FS HH 167
Note: Course restricted to D EXA, D EXH, PEEXA, PEKHX, KIN H JUNIORS AND SENIORS
3795005 1 MW 11:00–11:50
MEETS: AUG 20–DEC 14

SEARCH STRAT EMPLOY H S 385 R CREDIT
Prereq: JUNIOR CLASSIFICATION, TO BE TAKEN
Minimum of two semesters prior to KIN 485
Satisfactory-Fail Only.
3799005 1 F 11:10–2:00
MEETS: AUG 20–DEC 14
3789010 2 R 11:10–3:00
MEETS: AUG 20–DEC 14

SCHOOL HEALTH PROG H S 390 3 CREDITS
Prereq: 310
4090005 1 TR 1:10–3:25
MEETS: AUG 20–DEC 14

SUPV TCHG HLT SCDY H S 417A 14 CREDITS
Prereq: 375, ADVANCE REGISTRATION REQUIRED
Note: SPECIAL CREDIT FEE OF $210 APPLIES.
Instructor permission required 1st week.
9508005 ARRANGED
MEETS: AUG 20–DEC 14

TEACH HLT SEC ADDL H S 417B VAR. CREDITS
Prereq: 375, ADVANCE REGISTRATION REQUIRED
Note: SPECIAL COURSE FEE OF $210 APPLIES.
Instructor permission required 1st week.
9507005 ARRANGED
MEETS: AUG 20–DEC 14

COMM HLT HLR PRG DEV H S 430 3 CREDITS
Prereq: 383
4093005 MW 10:00–10:50
MEETS: AUG 20–DEC 14

FIELD EXPERIENCE H S 485 1–16 CREDITS
Prereq: ALL REQUIRED K H COURSES, PERMISSION OF COORDINATOR
Note: Instructor permission required. Satisfactory-Fail Only.
4095005 ARRANGED
MEETS: AUG 20–DEC 14

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

HONORS INDEPENDENT STUDY H S 490W 1–3 CREDITS
Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Instructor: Instructor permission required 1st week.
See Dept for Reference Numbers

HIGHER EDUCATION

LDGRP SELF & INTERACT H G ED 540 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
7956005 1 T 11:10–12:00
MEETS: AUG 20–DEC 14

LDN & TEAM KNOW, DO, BE H G ED 542 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
7952005 1 T 11:10–12:00
MEETS: AUG 20–DEC 14

FOUND LEADSHIP & LRNG H G ED 544 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
5438005 T 11:00–2:00
MEETS: AUG 20–DEC 14

COLLEGE TEACHING H G ED 561 3 CREDITS
Prereq: GRADUATE CREDITS
4112005 F 11:10–12:00PM
S 9:00–10:50
MEETS: AUG 24–SEPT 22

HIGH EDUCATION STUDIES (CONTINUED)

STUDENT AFFAIRS PRAC HG ED 574 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, ADMISSION TO HIGHER EDUCATION PROGRAM
Note: COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
4116005 1 T 4:30–7:00PM
MEETS: AUG 20–DEC 14

ORG & ADM STUD AFFAIR HG ED 575 3 CREDITS
Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM, HG 574
Note: COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
4117005 1 R 2:10–5:00
MEETS: AUG 20–DEC 14

STUDENT DEVELOPMENT HG ED 576 3 CREDITS
Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM
Note: COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
4118005 1 M 2:10–5:00
4118010 2 M 2:10–5:00
MEETS: AUG 20–DEC 14
MEETS: AUG 20–DEC 14

CAMPUS ENVIRONMENTS HG ED 577 3 CREDITS
Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM
Note: COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
5613005 1 W 2:10–5:00
5613010 2 W 6:00–9:00PM
MEETS: AUG 20–DEC 14
MEETS: AUG 20–DEC 14

COUNSELING POST-SEC HG ED 579 3 CREDITS
Note: COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
6274005 1 M 9:00–11:50
MEETS: AUG 20–DEC 14

SPL TOP STDT SERVIC HG ED 590A 1–4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
See Dept for Reference Numbers

SPL TOP COMM UN COL 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 590D 1–4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
See Dept for Reference Numbers

SPL TOP INSTITL RES HG ED 590E 1–4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
See Dept for Reference Numbers

SPL TOP COMMUN AFFAIR HG ED 590F 1–4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
See Dept for Reference Numbers

SPL TOP INSTITL RES HG ED 590G 1–4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
See Dept for Reference Numbers

SUPV FIELD EXPERIEN HG ED 591 1–4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
See Dept for Reference Numbers

CRED CREATIVE COMPONENT HG ED 599 VAR. CREDITS
Prereq: 9 CREDITS IN EDUCATION
See Dept for Reference Numbers

SEM RESEARCH DESIGNS HG ED 615H 1–4 CREDITS
4145005 1 W 5:30–8:30PM
MEETS: AUG 20–DEC 14
Note: SECTION 1 OFFERED FOR 1–3 CREDITS
Instructor permission required. Tuition Category: Workshop

COLLEGE ORG & ADMIN HG ED 664 3 CREDITS
Prereq: 504
4146005 W 5:30–8:30PM
MEETS: AUG 20–DEC 14
Note: SECTION FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY

ADV SPECIAL TOPICS HG ED 690 1–4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
See Dept for Reference Numbers
HISTORICAL, PHILOSOPHICAL & COMP ED

SPLC TOP HIST OF ED  H P C 590A  1 - 5 CREDITS
Prereq: 9 CREDITS IN EDUCATION
*******  SEE DEPT FOR REFERENCE NUMBERS

SPLC TOP PHIL OF ED  H P C 590B  1 - 5 CREDITS
Prereq: 9 CREDITS IN EDUCATION
*******  SEE DEPT FOR REFERENCE NUMBERS

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

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

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

INTRO WESTERN CIV I   HIST  201 3 CREDITS
Note: Meets international perspectives reqmt

INTRO HIST OF SCI I   HIST  280 3 CREDITS
Note: Meets international perspectives reqmt
HONORS

FIRST-YR HONORS SEM HON 121 1 CREDIT
4623045 C1 MW 12:10-1:00
MEETS: AUG 20-DEC 14
4623050 C2 MW 12:10-1:00
MEETS: AUG 20-DEC 14
4623055 C3 MW 12:10-1:00
MEETS: AUG 20-DEC 14
4623060 D1 MW 1:10-2:00
MEETS: AUG 20-DEC 14
4623065 D2 MW 1:10-2:00
MEETS: AUG 20-DEC 14
4623070 D3 MW 1:10-2:00
MEETS: AUG 20-DEC 14
4623075 E1 MW 2:10-3:00
MEETS: AUG 20-DEC 14
4623080 E2 MW 2:10-3:00
MEETS: AUG 20-DEC 14
4623085 E3 MW 2:10-3:00
MEETS: AUG 20-DEC 14
4623090 F1 MW 3:10-4:00
MEETS: AUG 20-DEC 14
4623095 F2 MW 3:10-4:00
MEETS: AUG 20-DEC 14
4623100 F3 MW 3:10-4:00
MEETS: AUG 20-DEC 14
4623105 G1 TR 10:00-10:50
MEETS: AUG 20-DEC 14
4623110 G2 TR 10:00-10:50
MEETS: AUG 20-DEC 14
4623115 G3 TR 10:00-10:50
MEETS: AUG 20-DEC 14
4623120 H1 TR 11:00-11:50
MEETS: AUG 20-DEC 14
4623125 H2 TR 11:00-11:50
MEETS: AUG 20-DEC 14
4623130 H3 TR 11:00-11:50
MEETS: AUG 20-DEC 14
4623135 J1 TR 12:10-1:00
MEETS: AUG 20-DEC 14
4623140 J2 TR 12:10-1:00
MEETS: AUG 20-DEC 14
4623145 J3 TR 12:10-1:00
MEETS: AUG 20-DEC 14
4623150 K1 TR 1:10-2:00
MEETS: AUG 20-DEC 14
4623155 K2 TR 1:10-2:00
MEETS: AUG 20-DEC 14
4623160 K3 TR 1:10-2:00
MEETS: AUG 20-DEC 14
4623165 L1 TR 3:10-4:00
MEETS: AUG 20-DEC 14
4623170 L2 TR 3:10-4:00
MEETS: AUG 20-DEC 14
4623175 L3 TR 3:10-4:00
MEETS: AUG 20-DEC 14
4623180 M1 TR 4:10-5:00
MEETS: AUG 20-DEC 14
4623185 M2 TR 4:10-5:00
MEETS: AUG 20-DEC 14
4623190 M3 TR 4:10-5:00
MEETS: AUG 20-DEC 14
4623195 N1 MW 5:10-6:00
MEETS: AUG 20-DEC 14
SPL PRB HONORS RESR HON 290U VAR. CREDITS
Prereq: Membership in and permission of the University Honors Program
satisfactory-Fail Only.
4040005 ARRANGED
MEETS: AUG 20-DEC 14
HONOR LEADERSHIP SEM HON 302 2 CREDITS
Prereq: SELECT AS LEADER OF FRESHMEN HONORS SEM
Note: 2-PART COURSE. STUDENTS NOT REGISTERED FOR BOTH
PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE
DUE TO INCOMPLETE REGISTRATION.
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS
UNIV HONS SEMINAR HON 321 1-2 CREDITS
Prereq: Membership in University Honors Program
Note: CONTACT 2130 JISCHE BLDG FOR REFERENCE NUMBERS
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS
UNIV HONS SEMINAR HON 323 1-2 CREDITS
Prereq: Membership in University Honors Program
Note: CONTACT 2130 JISCHE BLDG FOR REFERENCE NUMBERS
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY HONS HON 490 VAR. CREDITS
Prereq: Membership in University Honors Program
PERMISSION OF FACULTY DIRECTOR OF UNIV HONORS PROGRAM
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

ORIENTATION IN HORT HORT 110 1 CREDIT
Note: COURSE RESTRICTED TO HORT MAJORS ONLY
4291005 R 2:10-3:00
MEETS: AUG 20-DEC 14
Section info: http://www.hort.iastate.edu/courses/syllabi/hort110.htm
Syllabus: http://www.hort.iastate.edu/courses/syllabi/hort110.htm
4291010 T F 12:10-1:00
MEETS: AUG 20-DEC 14
Note: SECTION T IS FOR HORT TRANSFER STUDENTS ONLY
OREN LEARNING&TEAM HORT 112 2 CREDITS
Prereq: 112
1363005 A TR 10:10-11:50
MEETS: AUG 20-DEC 14
1363010 B TR 11:00-12:00
MEETS: AUG 20-DEC 14
HOME HORTICULTURE HORT 121 2 CREDITS
Note: HORT JUNIORS & SENIORS WHO WISH TO REGISTER
FOR THIS CLASS MUST OBTAIN ADVANCE APPROVAL FROM
THE INSTRUCTOR
4292005 MW 3:10-4:00
MEETS: AUG 20-DEC 14
HANDS-ON HOME HORTI HORT 122 1 CREDIT
5497005 A W 9:00-9:50
MEETS: AUG 20-DEC 14
5497010 B W 9:00-9:50
MEETS: AUG 20-DEC 14
PRIN HORTICULTUR SCI HORT 221 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN BIOL 211
4296005 A MW 10:00-10:50
T 2:10-4:00
MEETS: AUG 20-DEC 14
4296010 B MW 10:00-10:50
R 2:10-4:00
MEETS: AUG 20-DEC 14
LANDSCAP TREES,SHRUB HORT 240 3 CREDITS
6183005 W 10:00-1:00
MEETS: AUG 20-DEC 14
LANDSCAPE GRAPHICS HORT 281 2 CREDITS
9233005 A MF 8:00-8:50
MEETS: AUG 20-DEC 14
9233010 B MF 9:00-9:50
MEETS: AUG 20-DEC 14
HORTICUL PHYSIOLOGY HORT 321 3 CREDITS
Prereq: HORT 221 OR BIOL 211
6421005 TR 8:00-9:00
MEETS: AUG 20-DEC 14
HERBA ORNMTL PLANTS HORT 330 3 CREDITS
Prereq: HORT 221 OR BY PERMISSION OF INSTRUCTOR
4436005 A TR 11:00-11:50
T 2:10-4:00
MEETS: AUG 20-DEC 14
4436010 B TR 11:00-11:50
R 2:10-4:00
MEETS: AUG 20-DEC 14
SEED SCIENCE & TECHNL HORT 338 3 CREDITS
Prereq: AGRON 114 OR HORT 221, BIOL 211
7262005 1 TR 9:30-10:45
MEETS: AUG 20-DEC 14
MOORE J
GOGGI S
R 2:10-4:00
MEETS: AUG 20-DEC 14
LANDSCP PLANT ESTAB HORT 342 3 CREDITS
Prereq: HORT 221 OR BY PERMISSION OF INSTRUCTOR
4436005 A TR 11:00-11:50
T 2:10-4:00
MEETS: AUG 20-DEC 14
4436010 B TR 11:00-11:50
R 2:10-4:00
MEETS: AUG 20-DEC 14
TURFGRASS ESTAB&MGT HORT 351 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN HORT 221
4309005 MFN 9:00-9:50
MEETS: AUG 20-DEC 14
4309600 WX ARRANGED
MEETS: AUG 20-DEC 14
Note: Section WX is off campus
Course delivery is WWW
NOTES: http://www.hort.iastate.edu/support
comp.reqs.php
TURFGRE ESTAB&MGT LAB HORT 351L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN HORT 351
4310005 A M 2:10-5:00
MEETS: AUG 20-DEC 14
4310010 B W 2:10-5:00
MEETS: AUG 20-DEC 14
SOILS & PLANT GROWTH HORT 354 3 CREDITS
Prereq: AGRON 154 AND BIOL 101 OR BIOL 211
Note: Available for nonmajor graduate credit.
8494015 1 MWF 8:00-8:50 LOYANCHAN T
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~teloynac/354out1.html
8494010 2 MWF 11:00-11:50 MEETS: AUG 20-DEC 14

SOILS & PLANT GROWTH LB HORT 354L 1 CREDIT
Prereq: AGRON OR HORT MAJOR WITH CREDIT OR
ENROLLMENT IN AGRON 211
8496005 A R 12:10-3:00 CHUA T
MEETS: AUG 20-DEC 14
8496010 B R 3:10-6:00PM HASSELMAN E
MEETS: AUG 20-DEC 14

HORT MGT EXPERIENCE HORT 391 1 CREDIT
Prereq: HORT 221 OR PERMISSION OF INSTRUCTOR
Note: No more than 2 credits of HORT 391 may be applied
between the horticultural sciences course requirements.
2 additional credits of hort 391 may be applied
between the lab credits required for graduation.
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HORT 398 R CREDIT
Satisfactory-Fail Only.
3652005 ARRANGED MEETS: AUG 20-DEC 14

INTRO PLANT BREEDING HORT 421 3 CREDITS
Prereq: GEN 320 OR BIOL 313
Note: Available for nonmajor graduate credit.
6158005 1 TR 8:00-9:15 FEHR W
MEETS: AUG 20-DEC 14

NURSERY & GARDEN CNTR HORT 442 2 CREDITS
Prereq: HORT 221
Note: Available for nonmajor graduate credit.
4318005 A MW 11:00-11:50 MEETS: AUG 20-DEC 14

LANDSCP CONSTR MGT HORT 444 3 CREDITS
1037005 A MW 11:00-11:50 MEETS: AUG 20-DEC 14

SPORTS TURF MANAGMT HORT 453 3 CREDITS
Prereq: HORT 351
Note: Available for nonmajor graduate credit.
7422005 MEETS: AUG 20-DEC 14

ENTRPRIS MGT:MARKTG HORT 465C 3 CREDITS
Prereq: ECON 230; 6 CR HORT; JUNIOR CLASSIFIANT
2174005 MEETS: AUG 20-DEC 14

URBAN FORESTRY HORT 475 3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 3 CR IN BIOLOGY
Note: Available for nonmajor graduate credit.
5130005 A TR 10:00-10:50 THOMPSON J
R 3:10-6:00PM THOMPSON J
MEETS: AUG 20-DEC 14

ADV GARDEN COMPSITN HORT 481 2 CREDITS
Prereq: HORT 240 AND HORT 330 AND HORT 380 AND
HORT 391
Note: Restricted to hort majors - for hort design
option majors only. Others by permission of
INSTRUCTOR.
7236005 TR 11:00-1:00 MEETS: AUG 20-DEC 14

IND ST GREENHS CROP HORT 490A VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: No more than 4 credits of HORT 490 and an
additional 2 credits of 490 from outside horticulture
may be used toward the total of 128 credits required
for graduation.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STY NURS CROPS HORT 490B VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: No more than 4 credits of hort 490 and an
additional 2 credits of 490 from outside horticulture
may be used toward the total of 128 credits required
for graduation.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: No more than 4 credits of HORT 490 and an
additional 2 credits of 490 from outside horticulture
may be used toward the total of 128 credits required
for graduation.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU VEG CROPS HORT 490E VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: No more than 4 credits of HORT 490 and an
additional 2 credits of 490 from outside horticulture
may be used toward the total of 128 credits required
for graduation.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU TURFGRASS HORT 490F VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: No more than 4 credits of HORT 490 and an
additional 2 credits of 490 from outside horticulture
may be used toward the total of 128 credits required
for graduation.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU ENTREPRENR HORT 490G VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: No more than 4 credits of HORT 490 and an
additional 2 credits of 490 from outside horticulture
may be used toward the total of 128 credits required
for graduation.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU DOMESTC HORT 494B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
3163005 ARRANGED MEETS: AUG 20-DEC 14

RESEARCH ORIENTATN HORT 530 2 CREDITS
2306005 M 11:00-11:50 T 2:10-5:00
MEETS: AUG 20-DEC 14

INTRO DNA TECHNIQS HORT 542A 1 CREDIT
Prereq: Graduate classification
Satisfactory-Fail Only.
3106005 1 TR 1:10-2:00 MEETS: AUG 21-SEPT 20

INTRO DB TECHNIQS HORT 542B 1 CREDIT
Prereq: Graduate classification
Satisfactory-Fail Only
3107005 1 TR 1:10-2:00 MEETS: OCT 30-DEC 6

INTRO PROTEOMIC TCNO HORT 542E 1 CREDIT
Prereq: Graduate classification
Satisfactory-Fail Only
3168005 1 TR 1:10-2:00 MEETS: SEPT 25-OCT 25
### FAL 2012

#### HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</tr>
</thead>
<tbody>
<tr>
<td>383</td>
<td>Intro Hosp Indus HRI</td>
<td>3</td>
<td>Prereq: 352</td>
</tr>
<tr>
<td>385</td>
<td>Advanced Topics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>386</td>
<td>Hospitality Info Tech HRI</td>
<td>3</td>
<td>Prereq: 437</td>
</tr>
<tr>
<td>387</td>
<td>Fine Dining Mgmt HRI</td>
<td>3</td>
<td>Prereq: 438</td>
</tr>
<tr>
<td>389</td>
<td>Private Club Operations HRI</td>
<td>2</td>
<td>Prereq: 101</td>
</tr>
<tr>
<td>390</td>
<td>Intro Wine, Beer, SPI HRI</td>
<td>2</td>
<td>Prereq: Must be at least 21 years old</td>
</tr>
<tr>
<td>391</td>
<td>Food Service Sys Mgt I HRI</td>
<td>3</td>
<td>Note: Credit in HR 391 may not be applied toward degree</td>
</tr>
<tr>
<td>392</td>
<td>Strategic Marketing HRI</td>
<td>3</td>
<td>Prereq: AESHM 340</td>
</tr>
<tr>
<td>393</td>
<td>Indep Study Honors HRI</td>
<td></td>
<td>Note: Course restricted to students in the University</td>
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<td>394</td>
<td>Coop Educatin HRI</td>
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<td>Prereq: Permission of Department Chair</td>
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<td>395</td>
<td>Fine Dining Managmt HRI</td>
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<td>Prereq: 380, 380L, AESHM 287</td>
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<td>396</td>
<td>Pro Exprnc FDSALODG HRI</td>
<td>2</td>
<td>Prereq: Accepted in HRM Grad Program</td>
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<td>397</td>
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<td>Prereq: Permission of Department Chair</td>
</tr>
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<td>398</td>
<td>Fine Dining Managmt HRI</td>
<td>3</td>
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</tr>
<tr>
<td>399</td>
<td>Special Topics</td>
<td></td>
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</tr>
</tbody>
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#### HOTEL MANAGEMENT & INSTITUTION MGMT (CONTINUED)

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<tr>
<td>388</td>
<td>Hosp Sanitation &amp; Safety HRI</td>
<td>3</td>
<td>Prereq: For Either HR 392, or HR 233 and HR 333 may be</td>
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<td>389</td>
<td>Lodging Oper Mgt I HRI</td>
<td>3</td>
<td>Prereq: CR or Enrollment in 101, 233, AESHM 287</td>
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<td>390</td>
<td>Quant Food Prod Mgt HRI</td>
<td>3</td>
<td>Prereq: 233 or 2 Cr Micro; FS HR 111 or 211, Junior</td>
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HUMAN COMPUTER INTERACTION

CPTR GAME DSIGN&DEV HCI 409 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR. PROGRAMMING EMPHASIS: ARTIS 309.
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
MEETS: AUG 20-DEC 14

CPTR GAME DSIGN&DEV HCI 409H 3-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR. PROGRAMMING EMPHASIS: ARTIS 309.
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
MEETS: AUG 20-DEC 14

PRIN 3D CHARANIMAT HCI 507 3 CREDITS
Prereq: ARTIS 309
MEETS: AUG 20-DEC 14

COGNI PSY HUMN&CPTR HCI 521 3 CREDITS
Prereq: GRADUATE CLASSIFICATION OR INSTRUCTOR PERMISSION
MEETS: AUG 20-DEC 14

VIRTUAL ENVIRONAPP HCI 580 3 CREDITS
Prereq: GRADUATE STATUS
MEETS: AUG 20-DEC 14

DEVELPMT BIRTH-8YRS HD FS 224 1 CREDIT
Prereq: HD FS 110
MEETS: AUG 20-DEC 14

HUMAN DEVELOPMENT & FAMILY STUDIES

INDV&FAM LIFE DEVEL HD FS 102 3 CREDITS
Prereq: HD FS 102
MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/

PRO PRINCIP & ETHICS HD FS 103X .5 CREDIT
Note: COURSE RESTRICTED TO ECE, EL ED, CH FS, FCEDS MAJORS ONLY
Satisfactory-Fail Only.
MEETS: AUG 20-DEC 14

DIRECTOR OF GRADUATE EDUCATION

HUMAN COMPUTER INTERACTION (CONTINUED)

CREATIVE COMPONENT HCI 599 3 CREDITS
Satisfactory-Fail Only.
6700005 ARRANGED MEETS: AUG 20-DEC 14

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

MEETS: AUG 20-DEC 14
HUMAN DEVELOPMENT & FAMILY STUDIES

DEVELPMT BIRTH-4YRS HD FS 224 3 CREDITS
Prereq: HD FS 102 OR PSYCH 230
Note: Section XW is off campus

7011035 7 TR 12:40-2:00
MEETS: AUG 20-DEC 14

7011040 8 TR 12:40-2:00
W 11:00-12:30
MEETS: AUG 20-DEC 14

7011045 9 TR 12:40-2:00
R 3:10-4:00
MEETS: AUG 20-DEC 14

7011050 10 TR 12:40-2:00
F 3:10-4:00
MEETS: AUG 20-DEC 14

7011055 11 TR 12:40-2:00
M 4:10-5:00
MEETS: AUG 20-DEC 14

7011060 12 TR 12:40-2:00
T 4:10-5:00
MEETS: AUG 20-DEC 14

7011065 13 TR 12:40-2:00
W 4:10-5:00
MEETS: AUG 20-DEC 14

7011070 14 TR 12:40-2:00
R 4:10-5:00
MEETS: AUG 20-DEC 14

7011075 15 TR 12:40-2:00
F 4:10-5:00
MEETS: AUG 20-DEC 14

DEV&GUID MID CHILDHD HD FS 226 3 CREDITS
Prereq: HD FS 102 OR PSYCH 230
Note: Lab Placement locations assigned at first lecture class.

Note: Proof of Liability Insurance and a background check are required - associated costs are the responsibility of the student.

2193010 1 TR 9:30-10:45
M 3:10-6:00PM
MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/

2193015 2 TR 9:30-10:45
T 3:10-6:00PM
MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/

2193020 3 TR 9:30-10:45
W 3:10-6:00PM
MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/

2193025 4 TR 9:30-10:45
R 3:10-6:00PM
MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/

2193030 5 TR 9:30-10:45
F 3:10-6:00PM
MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/

ADOLESCENT DEVELPMT HD FS 227 3 CREDITS
Prereq: HD FS 102 OR PSYCH 230
Note: Section XV is off campus

6972005 1 TR 12:40-1:50
MEETS: AUG 20-DEC 14

HOUSING&CONSUMR ISS HD FS 239 3 CREDITS
Note: Meets U.S. diversity reqmt

3494005 1 TR 11:00-12:00
MEETS: AUG 20-DEC 14

LIT FOR CHILDREN HD FS 240 3 CREDITS
Prereq: HD FS 102 OR PSYCH 230
Satisfactory-Fail Only

2194005 1 TR 3:40-4:55
MEETS: AUG 20-DEC 14
Note: Section 1 restricted to CH FS, ECE, EL ED majors
Syllabus: http://www.hs.iastate.edu/online/

2194010 2 TR 3:40-4:55
MEETS: AUG 20-DEC 14
Note: Section 1 restricted to majors other than CH FS, ECE, EL ED
Syllabus: http://www.hs.iastate.edu/online/

7012005 1 TR 11:00-11:50
MEETS: AUG 20-DEC 14

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN SEXUALITY HD FS 276 3 CREDITS
Note: Meets U.S. diversity reqmt

3496005 1 TR 12:40-1:15
MEETS: AUG 20-DEC 14
Note: SEC 1 restricted to CH FS, FCEDS majors
Syllabus: http://www.hs.iastate.edu/online/

3496010 2 TR 12:40-1:15
MEETS: AUG 20-DEC 14
Note: SEC 2 restricted to majors other than CH FS, ECE, FCEDS, FPMP
Syllabus: http://www.hs.iastate.edu/online/

3496015 3 TR 11:00-12:20
MEETS: AUG 20-DEC 14

3496600 XW ARRANGED
Note: Section XW is off campus
Course delivery is MMM

3499005 XW ARRANGED
Note: Section XW is off campus
Course delivery is MMM

FAMILY CMM&RELATNSH HD FS 270 3 CREDITS
Prereq: HD FS 102 OR PSYCH 230
Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FPMP

7012005 1 TR 11:00-11:50
MEETS: AUG 20-DEC 14

PRNT&FAM DVRSTY ISS HD FS 270 3 CREDITS
Prereq: HD FS 102 OR PSYCH 230
Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FPMP

7012005 1 TR 12:40-1:50
MEETS: AUG 20-DEC 14
FALL 2012

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HOUSING FINANCE & POLICY
HD FS 341 3 CREDITS
Prereq: 6 CREDITS IN SOCIAL SCIENCES
Syllabus: http://www.hs.iastate.edu/online/

ASS'T MTR & PROC
AGE 3-6
HD FS 343 4 CREDITS
Prereq: HD FS 224; HD FS 240; HD FS 269 OR PSYCH 332 OR PSYCH 333
Note: COURSE RESTRICTED TO ECE AND CH FS SOPHOMORES, JUNIORS AND SENIORS ONLY. LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST LECTURE CLASS.

MEETS: AUG 20-DEC 14
3506005 1 TR 3:40-4:55 M 9:00-12:30 MEETS: AUG 20-DEC 14
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

MEETS: AUG 20-DEC 14
3505005 1 I 3:40-4:55 T 9:00-12:30 MEETS: AUG 20-DEC 14
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

CHILD EARLY CARE & ED
HD FS 344 4 CREDITS
Prereq: HD FS 224
Note: COURSE RESTRICTED TO CH FS MAJORS ONLY

1351005 1 TR 11:00-12:20 M 2:10-6:00 PM MEETS: AUG 20-DEC 14

1351010 2 TR 11:00-12:20 T 2:10-6:00 PM MEETS: AUG 20-DEC 14

1351015 3 TR 3:40-4:55 W 9:00-12:30 MEETS: AUG 20-DEC 14

1351020 4 TR 3:40-4:55 R 9:00-12:30 MEETS: AUG 20-DEC 14

1351025 5 TR 3:40-4:55 F 9:00-12:30 MEETS: AUG 20-DEC 14
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

ADAPT PROG INCL SET
HD FS 345 3 CREDITS
Prereq: 6 CREDITS IN SOCIAL SCIENCES
Note: COURSE RESTRICTED TO CH FS, ECE JUNIORS & SENIORS

4449005 1 TR 12:40-3:15 4 CREDIT ARRANGED MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/

HOUSE & SERV FAM & CHILD
HD FS 360 3 CREDITS
Prereq: 6 CREDITS IN SOCIAL SCIENCES
Note: Meets U.S. diversity reqmt

3501005 1 MWF 9:00-9:50 MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/

ABUSE & INJ IN FAM
HD FS 367 3 CREDITS
Prereq: HD FS 102 OR PSYCH 230; HD FS 270
Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP MAJORS ONLY

9193005 1 MWF 11:00-11:50 MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/

9193600 XW ARRANGED MEETS: AUG 20-DEC 14
Note: Section XW is off campus
Course delivery is WWW

DEATH PART OF LIVING
HD FS 373 3 CREDIT
Prereq: HD FS 102

3505005 1 I 3:40-4:55 MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/

SUP TCH EARLY SP ED
HD FS 417C 8 CREDITS
Prereq: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION PROGRAM, 455; 456
MEETS: AUG 20-DEC 14

4952005 1 TR 9:00-10:15 MEETS: AUG 20-DEC 14
Satisfactory-Fail Only.
Syllabus: http://www.hs.iastate.edu/online/

STU TCH DSCUS & REFLCT
HD FS 418X .5 CREDIT
Syllabus: http://www.hs.iastate.edu/online/

BUILD PARTNERSH & FAM
HD FS 456 3 CREDITS
Prereq: HD FS 340, HD FS 345, SP ED 355 AND SP ED 455
Note: LAB PLACEMENT ASSIGNED AT FIRST LECTURE
Available for nonmajor graduate credit

2221005 1 TR 2:10-3:30 ENLOE L MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/

CURR--AGES 3 THRU 6
HD FS 455 4 CREDITS
Prereq: HD FS 343, HD FS 455, SP ED 355 AND SP ED 455
Note: LAB PLACEMENT ASSIGNED AT FIRST LECTURE
Available for nonmajor graduate credit

2222005 1 TR 2:10-3:25 M 8:00-11:50 MEETS: AUG 20-DEC 14
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

2222010 2 TR 2:10-3:25 T 8:00-11:50 MEETS: AUG 20-DEC 14
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

2222015 3 TR 2:10-3:25 R 8:00-11:50 MEETS: AUG 20-DEC 14
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

2222020 4 TR 2:10-3:25 F 8:00-11:50 MEETS: AUG 20-DEC 14
Note: Department permission required 1st week.
Syllabus: http://www.hs.iastate.edu/online/

ADMIN PRGS CHLD & FAM
HD FS 486 3 CREDITS
Prereq: JUNIOR CLASSIFICATION; 6 CREDITS IN HD FS AT 300 LEVEL AND ABOVE

3619005 1 TR 11:00-12:00 MEETS: AUG 20-DEC 14
Syllabus: http://www.hs.iastate.edu/online/
HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

FINANCIAL COUNSELING HD FS 489 3 CREDITS
Prereq: HD FS 283
Note: Available for nonmajor graduate credit
3537005 1 MWF 10:00-10:50 MEETS: AUG-20 DEC-14
FINANC COUNSEL LAB HD FS 489L 1- 4 CREDITS
Prereq: 489
8102005 ARRANGED MEETS: AUG-20 DEC-14
Note: Instructor permission required.

FAMILY STRESS, ABUSE HD FS 567 3 CREDITS
Prereq: 3 CREDITS IN SOCIAL SCIENCES
MEETS: AUG 20-DEC 14

PUB POLICY IMPACT FAM HD FS 566 3 CREDITS
Prereq: 3 CREDITS IN SOCIAL SCIENCES
3553005 R 6:00-8:40PM MEETS: AUG-20 DEC-14

FAMILY POLICY ANALY HD FS 585 3 CREDITS
5806005 M 6:00-8:40PM MEETS: AUG-20 DEC-14

FINANCIAL COUNSELING HD FS 589 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
7583005 1 MWF 10:00-10:50 MEETS: AUG-20 DEC-14

FAMILY POLICY ANALY HD FS 589L 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
3510005 ARRANGED MEETS: AUG-20 DEC-14

SP TOP HUMAN, FAMILY HD FS 590I 3 CREDITS
Prereq: 9 CREDITS IN HD FS
MEETS: AUG 20-DEC 14

ADL TOP HUMAN, FAMILY HD FS 690I 3 CREDITS
Prereq: INSTR. PERMISSION, ENROLLMENT IN PH.D. PROG
******* SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSH HD FS 691A 3 CREDITS
Prereq: 6 CREDITS IN HD FS
SEND PATHWAY 1-10 IN LRN-IMISP
******* SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I 3 CREDITS
Prereq: 9 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY ENTREPRNSH H SCI 490E 1- 4 CREDITS
MEETS: OCT 15-DEC 14

DIALOG ON DIVERSITY H SCI 150 1 CREDIT
4876005 TR 8:00-8:50 MEETS: AUG-20 OCT-12

ORIEN4CAREER EXPLOR H SCI 110X 1 CREDIT
Prereq: DECLARED AS OPEN OPTION IN THE COLLEGE OF HUMAN SCIENCES
4876005 TR 8:00-8:50 MEETS: AUG-20 OCT-12

INTERNSHIP HD FS 499 1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR;
SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN, FAMILY HD FS 691B 3 CREDITS
Prereq: 6 CREDITS IN HD FS
SEND PATHWAY 1-10 IN LRN-IMISP
******* SEE DEPT FOR REFERENCE NUMBERS

PRO EXPER INTERNSHP HD FS 691D 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I 3 CREDITS
Prereq: 9 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY EMPL HD FS 490C 3 CREDITS
Prereq: 9 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H 3 CREDITS
Prereq: 3 CR IN HD FS, MEMBERSHIP IN HONORS PROG
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
******* SEE DEPT FOR REFERENCE NUMBERS

PRO EXPER INTERNSHP HD FS 691D 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSH HD FS 691B 3 CREDITS
Prereq: 6 CREDITS IN HD FS
SEND PATHWAY 1-10 IN LRN-IMISP
******* SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I 3 CREDITS
Prereq: 9 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY EMPL HD FS 490C 3 CREDITS
Prereq: 9 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY EMPL HD FS 490C 3 CREDITS
Prereq: 9 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY EMPL HD FS 490C 3 CREDITS
Prereq: 9 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

PRESENTATION HD FS 490C 3 CREDITS
Prereq: 9 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN, FAMILY HD FS 691B 3 CREDITS
Prereq: 6 CREDITS IN HD FS
SEND PATHWAY 1-10 IN LRN-IMISP
******* SEE DEPT FOR REFERENCE NUMBERS

PRO EXPER INTERNSHP HD FS 691D 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I 3 CREDITS
Prereq: 9 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

HUMAN SCIENCES

ORIEN4CAREER EXPLOR H SCI 110X 1 CREDIT
Prereq: DECLARED AS OPEN OPTION IN THE COLLEGE OF HUMAN SCIENCES
4876005 TR 8:00-8:50 MEETS: AUG-20 OCT-12

DIALOG ON DIVERSITY H SCI 150 1 CREDIT
Note: Meets U.S. diversity reqmt
6929010 A 1:10-3:00 MEETS: OCT 15-DEC 14
6929015 A 1:10-3:00 MEETS: OCT 15-DEC 14
6929020 A 1:10-3:00 MEETS: OCT 15-DEC 14
6929025 A 3:10-5:00 MEETS: OCT 15-DEC 14
6929030 A 3:10-5:00 MEETS: OCT 15-DEC 14
6929035 A 3:10-5:00 MEETS: OCT 15-DEC 14

IND STU ENTREPRNSH H SCI 490E 1- 4 CREDITS
3510005 ARRANGED MEETS: AUG-20 DEC-14
Note: Instructor permission required.

FAMILY STRESS, ABUSE HD FS 567 3 CREDITS
Prereq: 3 CREDITS IN SOCIAL SCIENCES
8127005 R 2:10-4:40 MEETS: AUG-20 DEC-14
INDUSTRIAL DESIGN

INDUST DSGN STDIO I  IND D 201  6 CREDITS
Prereq: ADMISSION TO THE INDUSTRIAL DESIGN PROGRAM, CONCURRENT ENROLLMENT IN IND D 231
9365005  1 MWF 1:10-4:30
MEETS: AUG 20-DEC 14
9365010  2 MWF 9:00-12:20
MEETS: AUG 20-DEC 14
INTRO INDUST DSGN IND D 231  3 CREDITS
Prereq: ADMISSION TO THE INDUSTRIAL DESIGN PROGRAM, CONCURRENT ENROLLMENT IN IND D 201
9366005  TR 2:10-3:30
MEETS: AUG 20-DEC 14
INDUS DSN STDIO III IND D 301  6 CREDITS
Prereq: IND D 202
9259005  1 MWF 9:00-12:20
MEETS: AUG 20-DEC 14
9259010  2 MWF 1:10-4:30
MEETS: AUG 20-DEC 14
DSGN RESCH MTHDS IND D 332  3 CREDITS
Prereq: IND D 232
9260005  TR 9:30-10:50
MEETS: AUG 20-DEC 14

CPR-T AID INDUS DS I IND D 341  3 CREDITS
Prereq: IND D 301
6026005  1 ARRANGED
MEETS: AUG 20-DEC 14
6026010  2 ARRANGED
MEETS: AUG 20-DEC 14
INDUS DSN INTERNSHP IND D 397  6 CREDITS
Prereq: IND D 202, 18 CR IN INDUSTRIAL DESIGN, PERMISSION OF INSTRUCTOR
6164005
MEETS: AUG 20-DEC 14
INDUS DESIGN STUDIO IND D 401  6 CREDITS
Prereq: IND D 301
2817005  MWF 1:10-4:20
MEETS: AUG 20-DEC 14
INDUST DSGN STDIO I IND D 501  6 CREDITS
Prereq: ADMISSION TO THE INDUSTRIAL DESIGN PROGRAM, INTRODUCTORY TRACK OR GRADUATE STANDING IN THE INDUSTRIAL DESIGN PROGRAM
9394005  MWF 9:00-12:20
MEETS: AUG 20-DEC 14
INDUS DSN PRACTICUM IND D 507  6 CREDITS
Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN AREA OF SPECIALIZATION; ADMITTANCE BY APPLICATION AND WRITTEN PERMISSION OF INSTRUCTOR ONLY
6966005
MEETS: AUG 20-DEC 14
COLLOQUIUM IND D 511  1 CREDIT
3089005
ARRANGED
MEETS: AUG 20-DEC 14
DESIGN THINKING IND D 532  3 CREDITS
Prereq: ADMISSION TO THE GRADUATE INTEGRATIVE TRACK OR GRADUATE STANDING IN THE INDUSTRIAL DESIGN PROGRAM
3113005  MWF 1:10-4:20
MEETS: AUG 20-DEC 14
INDUS VISUAL COMM IND D 540  3 CREDITS
Prereq: ADMISSION TO THE GRADUATE INTEGRATIVE TRACK OR GRADUATE STANDING IN THE INDUSTRIAL DESIGN PROGRAM
9393005  TR 9:30-11:10
R 9:30-11:10
MEETS: AUG 20-DEC 14

INDUSTRIAL DESIGN PROGRAM

Prereq: ADMISSION TO THE GRADUATE INTENSIVE
IND D 540  3 CREDITS
MEETS: AUG 20-DEC 14
IND D 532  3 CREDITS
MEETS: AUG 20-DEC 14
IND D 507  6 CREDITS
MEETS: AUG 20-DEC 14
IND D 511  1 CREDIT
MEETS: AUG 20-DEC 14
IND D 533  3 CREDITS
MEETS: AUG 20-DEC 14
IND D 540  3 CREDITS
MEETS: AUG 20-DEC 14

INDUSTRIAL ENGINEERING

INDUS ENGR PROFESSN I E 101  R CREDIT
Satisfactory-Fail Only.
4402005 A T 3:40-5:00
MEETS: AUG 20-DEC 14
INFO ENGINEERING I E 148  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 142
5037005  1 MW 8:00-9:50
MEETS: AUG 20-DEC 14
ENGR SYS DSGN,MANUF I E 248  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 101 AND MAT E 273
Note: COURSE RESTRICTED TO I E MAJORS ONLY - OTHER MAJORS BY PERMISSION OF INSTRUCTOR
5808005  1 MWF 10:00-10:50
MEETS: AUG 20-DEC 14
5808010  2 MWF 10:00-10:50
R 8:00-9:50
MEETS: AUG 20-DEC 14
5808015  3 MWF 10:00-10:50
T 10:00-11:50
MEETS: AUG 20-DEC 14
5808020  4 MWF 10:00-10:50
R 10:00-11:50
MEETS: AUG 20-DEC 14
5808023  5 MWF 10:00-10:50
MEETS: AUG 20-DEC 14
5808030  6 MWF 10:00-10:50
W 8:00-9:50
MEETS: AUG 20-DEC 14
5808037  7 MWF 10:00-10:50
W 8:00-9:50
MEETS: AUG 20-DEC 14
COOPERATIVE EDUC I E 298  R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

ENGR ECONOMIC ANALY I E 305  3 CREDITS
Prereq: MATH 266
Note: SECTIONS A1,B1 RESTRICTED TO I E MAJORS ONLY.
Note: SECTIONS A2,B2 RESTRICTED TO MAJORS OTHER THAN I E.
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
Night exams scheduled. For dates go to
4425005 A1 MWF 1:10-2:00
MEETS: AUG 20-DEC 14
4425010 A2 MWF 1:10-2:00
MEETS: AUG 20-DEC 14
4425015 B1 TR 12:40-2:00
MEETS: AUG 20-DEC 14
4425020 B2 TR 12:40-2:00
MEETS: AUG 20-DEC 14
4425600 XE ARRANGED
SLY D
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
Note: SECTION XE is off campus
Course delivery is Videostreaming

OPTIMIZATION I E 312  3 CREDITS
Prereq: MATH 267
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
4410005 A1 MWF 11:00-11:50
MEETS: AUG 20-DEC 14
Note: SECTION A1 RESTRICTED TO I E MAJORS ONLY
4410010 A2 MWF 11:00-11:50
MEETS: AUG 20-DEC 14
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN I E

PRODUCTION SYSTEMS I E 341  3 CREDITS
Prereq: STAT 231 OR ENROLLMENT IN MATH 312
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
4413005 A1 MWF 9:00-9:50
MEETS: AUG 20-DEC 14
Note: SECTION A1 RESTRICTED TO I E MAJORS ONLY
4413010 A2 MWF 9:00-9:50
MEETS: AUG 20-DEC 14
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN I E

STAT QUALITY ASSURN I E 361  3 CREDITS
Prereq: STAT 231 OR STAT 401
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
4416005 A1 ARRANGED, T 3:40-5:00
MEETS: AUG 20-DEC 14
Note: SEC A1 TWO-HOUR LECTURE DELIVERY IS WWW.
A LIVE LECTURE WILL ALSO BE AVAILABLE W 8-9:50 - ATTENDANCE OPTIONAL - CLASSROOM TO BE ANNOUNCED AT THE FIRST TUESDAY LAB MEETING. RESTRICTED TO I E MAJORS ONLY.
4416010 A2 ARRANGED, T 3:40-5:00
MEETS: AUG 20-DEC 14
Note: SEC A2 TWO-HOUR LECTURE DELIVERY IS WWW.
A LIVE LECTURE WILL ALSO BE AVAILABLE W 8-9:50 - ATTENDANCE OPTIONAL - CLASSROOM TO BE ANNOUNCED AT THE FIRST TUESDAY LAB MEETING. RESTRICTED TO MAJORS
STAT QUALITY ASSUR. I E 361 3 CREDITS
OTHER THAN I E.

ENGR INTERNSHIP I E 397 R CREDIT
PreReq: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

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

INDEPENDENT RESEARCH I E 490C 1-5 CREDITS
PreReq: SR CLASSIFICATION, PERMISSION OF INSTR
Satisfactory-Fail Only.

INDEPENDENT STUDY HONORS I E 490H 1-5 CREDITS
PreReq: SR CLASSIFICATION, PERMISSION OF INSTR
UNIV HONORS PROGRAM MEMBERSHIP
Note: Course Restricted to Students in the University
HONORS PROGRAM ONLY
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATION I E 498 R CREDIT
PreReq: 298, PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.

INDEPENDENT STUDY MGT I E 490E 1-5 CREDITS
PreReq: SR CLASSIFICATION, PERMISSION OF INSTR
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATION I E 499 R CREDIT
PreReq: 299, PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.

CONTRACT MECHANISMS I E 500 3 CREDITS
PreReq: 312, 341, MATH 307

ALLOCATION MECHANISMS I E 501 3 CREDITS
PreReq: 298, SR CLASSIFICATION, PERMISSION OF INSTR

MULTI-DISCiplinary ENGR DESIGN I E 441 3 CREDITS
PreReq: 248, 271, 361; CREDIT OR ENROLLMENT IN
341, 413, AND 488
Note: COURSE RESTRICTED TO I E, MS&E MAJORS ONLY
Available for nonmajor graduate credit

CONTRACT MECHANISMS I E 501 3 CREDITS
PreReq: 312, 341

TOTAL CREDITS: 78
INDUSTRIAL ENGINEERING (CONTINUED)

SYST ENGR & ANALYSIS I E 565 3 CREDITS
Prereq: COURSEWORK IN BASIC STATISTICS
Note: I E MAJORS MAY NOT APPLY CREDIT IN I E/E/AM E 565 TOWARD DEGREE REQUIREMENTS.
8932005  A TR 8:00-9:15
MEETS: AUG 20-DEC 14
8932805  A TR 8:00-9:15
MEETS: AUG 20-DEC 14

OCCUPATN BIOMECHNCS I E 571 3 CREDITS
Prereq: EM 274, STAT 231
Note: LIVE VIEWING AVAILABLE TR 8:00-9:15 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus.
2545005  T 4:10-7:00PM
MEETS: AUG 20-DEC 14
2545600  XE ARRANGED
MEETS: AUG 20-DEC 14 STONE R

HUMAN FACTORS I E 577 3 CREDITS
Prereq: IE 271, STAT 340 OR STAT 401
Note: LIVE VIEWING AVAILABLE T 4:10-7 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus.
5442005  M 3:10-6:00PM
MEETS: AUG 20-DEC 14
5442600  XE ARRANGED
MEETS: AUG 20-DEC 14 STONE R

E-COMMERCE SYR SYE 581 3 CREDITS
Prereq: 148
7617005  A TR 11:00-12:15
MEETS: AUG 20-DEC 14

KNOWLEDGE DISCOVERY I E 583 3 CREDITS
Prereq: 148, 312, STAT 231
Note: Section XE is off campus.
7176005  A MW 10:00-10:50
MEETS: AUG 20-DEC 14

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

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

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

PH.D.RES BASICSC/MM I E 601 R CREDIT
3662005  W 4:10-5:00
MEETS: AUG 20-DEC 14
3662600  XE ARRANGED
MEETS: AUG 20-DEC 14 RYAN S
Note: Section XE is off campus.

NONLINEAR PROGRAMNG I E 631 3 CREDITS
Prereq: 534
4483005  MWF 3:10-4:00
MEETS: AUG 20-DEC 14

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.
7999005  ARRANGED
MEETS: AUG 20-DEC 14

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

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

INFORMATION ASSURANCE

INTR CMPT SECURITY INFAS 131 1 CREDIT
Satisfactory-Fail Only.
3495005  1 MWF 11:00-11:50
MEETS: AUG 20-OCT 12
3495010  2 MWF 11:00-11:50
MEETS: OCT 15-DEC 14

ADV PROTOCOL SECURITY INFAS 530 3 CREDITS
Prereq: CM 301
8088010  A TR 8:00-9:15
MEETS: AUG 20-DEC 14
8088600  XE ARRANGED
MEETS: AUG 20-DEC 14

INFO SYST SECURITY INFAS 531 3 CREDITS
Prereq: CPR E 489 OR 530 OR COM S 586 OR MIS 535
Note: COURSE RESTRICTED TO CPR E, COM S, GR ST, INFAS, LOMS, SCIS GRAD STUDENTS ONLY.
8086005  A MWF 12:10-1:00
MEETS: AUG 20-DEC 14
8086600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE TR 9:30-10:15 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus.

INFO SYST SECURITY INFAS 536 3 CREDITS
Prereq: CPR E 431 AND CPR E 489 OR 530
5554005  TR 9:30-10:15
MEETS: AUG 20-DEC 14
5554600  XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE TR 9:30-10:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus.

INFO SYST SECURITY INFAS 622 3 CREDITS
Prereq: 531, 532, 534
1893005  ARRANGED
MEETS: AUG 20-DEC 14
Note: Department permission required.
1893600  XA ARRANGED
MEETS: AUG 20-DEC 14
Note: Section XA is off campus.

INFO SYST SECURITY INFAS 632 3 CREDITS
Prereq: 531, 532, 534
1893005  ARRANGED
MEETS: AUG 20-DEC 14

CREATIVE COMPONENT IGS 599 VARI. CREDITS
4480005  ARRANGED
MEETS: AUG 20-DEC 14

THESIS RESEARCH IGS 699 VARI. CREDITS
4481005  ARRANGED
MEETS: AUG 20-DEC 14

INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CREDITS
Note: Meets international perspectives reqmt.
9582005  1A TR 2:10-3:25
MEETS: AUG 20-DEC 14
9582010  1B TR 2:10-3:25
MEETS: AUG 20-DEC 14
Note: Section 1B RESTRICTED TO MAJORS OTHER THAN INTST MAJORS.
3719005  ARRANGED
MEETS: AUG 20-DEC 14
Note: Permission of department chair required.

INDEPENDENT STUDY INTST 490 1-3 CREDITS
Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD AND/OR INTERNSHIP ABROAD
TOWARD GRADUATION IN THE INTERNATIONAL STUDIES MAJOR OR MINOR
3467005  TR 2:10-3:30
MEETS: AUG 20-OCT 12

JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS
4656005  1 MWF 1:10-2:00
MEETS: AUG 20-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html

JOURNALISM & COMMUNICATION OREINT JL MC 110 R CREDIT
4657005  1 T 2:10-3:25
MEETS: AUG 20-OCT 12
Note: SECTION 1 RESTRICTED TO STUDENTS ENTERING ISU SUMMER 2012 OR FALL 2012.
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4657010  2 R 2:10-3:30
MEETS: AUG 20-OCT 12
Note: SECTION 2 FOR STUDENTS WHO ARE NOT NEW TO ISU. ONLY 2-4 CLASSROOM MEETINGS. REMAINDER OF COURSEWORK IS ONLINE.
JOURNALISM & MASS COMMUNICATION (CONTINUED)

REPORT & WRIT MD JLMC 201 3 CREDITS
Prereq: ENGL 250 (or testout); A score of 20 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: Use of Computer Test Required. Course is for JLMC, ADVRT, P JMC, P ADV MAJORS.
Department permission required.
4658005 1 MW 8:00-10:10
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4658015 2 TR 8:00-10:10
MEETS: AUG-DEC 14
4658020 3 TR 11:00-1:10
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4658025 4 MW 10:30-12:40
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
INT REPORT MASS MED JLMC 202 3 CREDITS
Prereq: 201 WITH A GRADE OF C+ OR BETTER
Note: COURSE RESTRICTED TO ADVRT, JLMC, P ADV, P JMC MAJORS ONLY
4659005 1 MW 1:10-3:20
MEETS: AUG-DEC 14
4659010 2 TR 8:00-10:10
MEETS: AUG-DEC 14
PRIN PUBLIC RELATNS JLMC 220 3 CREDITS
Prereq: ADVRT 230 OR JLMC 220; SOCIOLOGY
Note: COURSE RESTRICTED TO ADVRT, JLMC, P ADV, P JMC, P ADV MAJORS ONLY
3838005 1A MW 9:30-10:45
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
3838010 1B MW 9:30-10:45
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
3838015 2A TR 9:30-10:45
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
3838020 2B TR 9:30-10:45
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
3838025 3A TR 11:00-12:15
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
3838030 3B TR 11:00-12:15
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
3838035 4A TR 12:40-2:00
MEETS: AUG-DEC 14
3838040 4B TR 12:40-2:00
MEETS: AUG-DEC 14
3838045 5A TR 12:40-2:00
MEETS: AUG-DEC 14
3838050 5B TR 12:40-2:00
MEETS: AUG-DEC 14
PUBLICITY METHODS JLMC 305 3 CREDITS
Prereq: ENGL 250 OR ENGL 105, SOCIOLOGY
Note: JLMC & ADVRT MAJORS ARE NOT TO ENROLL IN JLMC 305. CREDIT DOES NOT APPLY TOWARD A DEGREE IN JLMC OR ADVRT.
4660005 1 TR 9:30-10:45
MEETS: AUG-DEC 14
4660010 2 TR 12:40-2:00
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4660015 3 MW 2:10-3:20
MEETS: AUG-DEC 14
4660020 4 TR 11:00-1:10
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
ELECTRON MEDIA PROD JLMC 306 3 CREDITS
Prereq: C+ OR BETTER IN 201
Note: COURSE RESTRICTED TO JLMC, ADVRT, P JMC, P ADV MAJORS
8513005 1 TR 2:10-4:00
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
8513010 1 TR 2:10-4:00
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
JOURNALISM & MASS COMMUNICATION (CONTINUED)

ELECTR NV NEWS PRODUC JLMC 308 3 CREDITS
Prereq: C+ OR BETTER IN 202 OR 321; C+ OR BETTER IN 321
Note: COURSE RESTRICTED TO JLMC, ADVRT MAJORS ONLY
4665005 1 TR 10:45-12:35
MEETS: AUG-DEC 14
FUND PHOT JOURNALISM JLMC 310 3 CREDITS
Prereq: C+ OR BETTER IN 201
Note: EQUIPMENT PURCHASE MAY BE REQUIRED.
RESTRICTED TO ADVRT, JLMC MAJORS ONLY.
8688005 1 TR 10:45-12:35
MEETS: AUG-DEC 14
MULTIMEDIA PRODUCTN JLMC 315 3 CREDITS
Prereq: 306 OR 342L OR EQUIVALENT COMPUTER DESIGN PROFICIENCY
Note: COURSE RESTRICTED TO JLMC, ADVRT, P JMC, P ADV MAJORS ONLY
4663005 1 TR 3:10-4:50
MEETS: AUG-DEC 14
PUBLIC RELATNS WRIT JLMC 321 3 CREDITS
Prereq: 342 OR 342L OR EQUIVALENT COMPUTER DESIGN PROFICIENCY
Note: COURSE RESTRICTED TO JLMC, ADVRT, P JMC, P ADV MAJORS ONLY
4666005 1 MW 1:10-3:20
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4666010 2 TR 3:10-5:20
MEETS: AUG-DEC 14
CONTEM MAGAZINE PUB JLMC 341 3 CREDITS
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4672005 1 MF 9:00-9:50
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
VISUAL PRIN MASS CM JLMC 342 3 CREDITS
Prereq: Sophomore Classification
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4673010 1A MF 10:00-10:50
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
4673010 1B MF 10:00-10:50
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
LAB BAS VISUAL PRIN JLMC 342L 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 342
Note: COURSE RESTRICTED TO JLMC, ADVRT, P JMC, P ADV MAJORS ONLY
5325005 1 MN 8:00-10:10
MEETS: AUG-DEC 14
5325010 2 TR 1:10-3:20
MEETS: AUG-DEC 14
5325015 3 MN 1:10-3:20
MEETS: AUG-DEC 14
FEATURE WRITING JLMC 344 3 CREDITS
Prereq: C+ OR BETTER IN 202 OR 321;
Note: CREDIT FOR EITHER JLMC 344 OR ENGL 303, BUT NOT BOTH, MAY BE APPLIED TOWARD JLMC AND ADVRT DEGREE REQUIREMENTS. COURSE RESTRICTED TO JLMC, ADVRT MAJORS ONLY.
4674005 1 MN 11:00-12:15
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
SCIENCE COMMUNICATN JLMC 347 3 CREDITS
Prereq: C+ OR BETTER IN 202 OR 306 OR 321;
Note: COURSE RESTRICTED TO JLMC, ADVRT MAJORS;
C+ OR BETTER IN JLMC 201 AND ADVRT 134 OR 336 FOR ADVRT MAJORS; NONMAJORS BY PERMISSION OF INSTRUCTOR
4676005 1 MN 11:00-12:15
MEETS: AUG-DEC 14
Syllabus: http://www.jlmc.iastate.edu/undergrad/syllabi.html
ADV ELE MEDIA PRODU JLMC 354 3 CREDITS
Prereq: 306, 308
Note: COURSE RESTRICTED TO JLMC, ADVRT MAJORS ONLY
1804005 1 TR 2:10-4:00
MEETS: AUG-DEC 14
http://www.jlmc.iastate.edu/undergrad/syllabi.html
PRO SKILL DEVELOP:MAP JLMC 390A 2 CREDITS
Note: Instructor permission required.
7991005 1 T 8:00-9:20
MEETS: AUG-DEC 14
**JOURNALISM & MASS COMMUNICATION (CONTINUED)**

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<td>Requires junior classification and credit in junior or senior level</td>
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<td>9580005</td>
<td>Creative Writing</td>
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**KINESIOLOGY**

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## KINESIOLOGY

### FALL 2012

**BOWLING**
- **KIN 129** 1 CREDIT
  - Satisfactory-Fail Only.
  - 5675005 1 MW 9:00-9:50 MEETS: AUG 20-DEC 14
  - 5675010 2 MW 10:00-10:50 MEETS: AUG 20-DEC 14
  - 5675015 3 TR 9:30-10:20 MEETS: AUG 20-DEC 14
  - 5675020 4 TR 11:00-11:50 MEETS: AUG 20-DEC 14

**GOLF**
- **KIN 135** 1 CREDIT
  - Satisfactory-Fail Only.
  - 5678005 1 MW 8:00-9:00 MEETS: AUG 20-OCT 12
  - 5678010 2 MW 9:30-10:10 MEETS: AUG 20-OCT 12
  - 5678015 3 MW 11:00-12:00 MEETS: AUG 20-OCT 12
  - 5678020 4 MW 12:30-1:20 MEETS: AUG 20-OCT 12

**ICE SKATING**
- **KIN 153** 1 CREDIT
  - Note: COURSE TAUGHT AT AMES/ISU ICE ARENA, SOUTHEAST OF THE TOWERS. MUST ALLOW EXTRA TIME BETWEEN THIS AND OTHER CLASSES FOR TRAVEL TO AND FROM AMES/ISU ICE ARENA. MUST PROVIDE OWN TRANSPORTATION.
  - Satisfactory-Fail Only.
  - 5689005 1 TR 1:10-3:00 MEETS: SEP 15-DEC 14

**RACQUETBALL**
- **KIN 144** 1 CREDIT
  - Satisfactory-Fail Only.
  - 5683005 1 MW 9:00-9:50 MEETS: AUG 20-DEC 14

**WEIGHT TRAINING**
- **KIN 166** 1 CREDIT
  - Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: ATH 101, SKILL TECHNIQUE COURSE IN THE SAME SPORT AS THE ATH 101, KIN 166
  - Satisfactory-Fail Only.
  - 5696005 1 MW 9:00-9:50 MEETS: AUG 20-DEC 14
  - 5696010 2 MW 10:00-10:50 MEETS: AUG 20-DEC 14
  - 5696015 3 MW 11:00-11:50 MEETS: AUG 20-DEC 14
  - 5696020 4 MW 12:30-1:20 MEETS: AUG 20-DEC 14
  - 5696025 5 MW 1:30-2:20 MEETS: AUG 20-DEC 14
  - 5696030 6 MW 2:30-3:20 MEETS: AUG 20-DEC 14

**JUDO**
- **KIN 168X** 1 CREDIT
  - 4038005 1 TR 9:00-10:50 MEETS: AUG 20-DEC 14

**TAEKWONDO/KARATE I**
- **KIN 170** 1 CREDIT
  - Satisfactory-Fail Only.
  - 5700005 1 MW 9:00-9:50 MEETS: AUG 20-DEC 14
  - 5700010 2 MW 10:00-10:50 MEETS: AUG 20-DEC 14
  - 5700015 3 MW 11:00-11:50 MEETS: AUG 20-DEC 14

## KINESIOLOGY (CONTINUED)

### FALL 2012

**TAEKWONDO/KARATE II**
- **KIN 171** 1 CREDIT
  - Prereq: 170
  - 5701005 1 TR 10:00-10:50 MEETS: AUG 20-DEC 14

**HAPKIDO/MARTL DFNSE**
- **KIN 173** 1 CREDIT
  - 5702005 1 TR 11:00-11:50 MEETS: AUG 20-DEC 14

**VOLLEYBALL**
- **KIN 182** 1 CREDIT
  - 5710005 1 TR 9:00-9:50 MEETS: AUG 20-DEC 14

**SOCCER**
- **KIN 185** 1 CREDIT
  - 5712005 1 TR 9:30-10:45 MEETS: AUG 20-DEC 14

**CNCTS FITNSS&WELLN**
- **KIN 210X** 2 CREDITS
  - Note: COURSE RESTRICTED MAJORS OTHER THAN KIN
  - 4263005 1 ARRANGED MEETS: AUG 20-DEC 14

**CLN PRACTM ATH TRNG**
- **KIN 219** 1 CREDIT
  - 9511005 TR 11:00-12:20 MEETS: AUG 20-DEC 14

**BASIC ATHLETIC TRAIN**
- **KIN 220** 2 CREDITS
  - Prereq: BIOC 250 OR 255 AND 216
  - Note: Instructor permission required 1st week.
  - 5729005 1 M 8:00-9:50 W 8:00-9:50 MEETS: AUG 20-DEC 14
  - Note: SEC 1 RESTRICTED TO KIN H, D EXA, D EXH, PDEXA, PDEXH MAJORS ONLY
  - 5729010 2 M 8:00-9:50 F 8:00-9:50 MEETS: AUG 20-DEC 14
  - Note: SECTION 2 RESTRICTED TO MAJORS OTHER THAN KIN H, D EXA, D EXH, PDEXA, PDEXH
  - 5729015 3 M 8:00-9:50 T 8:00-9:50 MEETS: AUG 20-DEC 14

**ATHL TRAIN CL PRACT**
- **KIN 223** 1 CREDIT
  - Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
  - 7395005 1 ARRANGED MEETS: AUG 20-DEC 14

**EVAL ATHLE INJUR II**
- **KIN 226** 3 CREDITS
  - Prereq: PERMISSION OF ATHLETIC TRAIN PROG DIRECTOR
  - 6673005 TR 9:00-10:45 MEETS: AUG 20-DEC 14

**ATH INJ II CLN PRACT**
- **KIN 227** 1 CREDIT
  - Prereq: PERMISSION OF ATHLETIC TRAIN PROG DIRECTOR
  - 6674005 ARRANGED MEETS: AUG 20-DEC 14

**FUND TUMBLING/GYMNNS**
- **KIN 231** 1 CREDIT
  - Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
  - 9615005 1 M 9:00-10:45 MEETS: OCT 15-DEC 14

**FND OUTDOOR TEAM SP**
- **KIN 233** 1 CREDIT
  - Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
  - Note: COURSE RESTRICTED TO KIN H MAJORS. STUDENTS MUST BE ELIGIBLE FOR ADMISSION TO KINESIOLOGY TEACHER EDUCATION PROGRAM.
  - Instructor permission required 1st week.
  - 9617005 1 TR 9:30-10:45 MEETS: AUG 20-DEC 14

**FUND RACQUET SPORTS**
- **KIN 235** 1 CREDIT
  - Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
  - Note: COURSE RESTRICTED TO KIN H MAJORS. STUDENTS MUST BE ELIGIBLE FOR ADMISSION TO KINESIOLOGY TEACHER EDUCATION PROGRAM.
  - Instructor permission required 1st week.
  - 9619005 1 TR 12:40-2:00 MEETS: AUG 20-DEC 14
FUND ADVENTUR ACTIV  KIN 238 1 CREDIT  
Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM  
Note: STUDENTS MUST BE ELIGIBLE FOR ADMISSION TO KINESIOLOGY TEACHER EDUCATION PROGRAM  
3218005 1 MW 10:00-10:50  
MEETS: AUG 20-OCT 12  

KINESIOLOGY PROFSNS  KIN 252 1 CREDIT  
7415005 1 M 12:10-1:00  
MEETS: AUG 20-DEC 14  

ORIEN KINESIO/LHTH  KIN 253 1 CREDIT  
Prereq: Concurrent Enrollment or Credit in 252  
Satisfactory-Fail Only.  
7498005 1 W 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: Section 1 Restricted to KIN H Freshmen Only  
7498010 2 F 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: Section 2 Restricted to KIN H Freshmen Only  
7498015 3 W 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: Section 3 Restricted to KIN H Majors Only  
7498020 4 F 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: Section 4 Restricted to KIN Majors Only  
7498025 5 ARRANGED  
MEETS: AUG 20-DEC 14  
Note: Section 5 Restricted to KIN Majors Only  

LARG CMNT KIN/LHTH  KIN 254 .5 CREDIT  
Prereq: Concurrent Enrollment or Credit in 253  
Note: Course Restricted to KIN H Freshmen Only  
Satisfactory-Fail Only.  
7417005 1 M 1:10-2:00  
MEETS: AUG 20-DEC 14  
7417010 2 T 9:30-10:20, ARRANGED  
MEETS: AUG 20-DEC 14  

PHYS FITNESS & COND  KIN 258 2 CREDITS  
Prereq: Major in Kinesiology or Health  
Note: Course Restricted to PDEXA, PDEXH, D EXA, D EXH, KIN H Majors. Credit for Either KIN 163 or KIN 258, but not both, may be applied toward graduation.  
5732005 1 TR 10:00-10:50  
MEETS: AUG 20-DEC 14  
5732010 2 TR 11:00-11:50  
MEETS: AUG 20-DEC 14  
5732015 3 TR 1:10-2:00  
MEETS: AUG 20-DEC 14  
5732020 4 TR 2:10-3:00  
MEETS: AUG 20-DEC 14  

LDRSHIP TECH FITNESS  KIN 259 2 CREDITS  
Prereq: 258  
Note: Course Restricted to D EXA, D EXH, PDEXA, PDEXH, KIN H Majors Only  
9622005 1 F 9:30-10:55  
MEETS: AUG 20-DEC 14  

ADV STRENGTH TRAINING  KIN 266 2 CREDITS  
Prereq: KIN 258  
Note: Instructor permission required.  
7421005 1 T 9:30-10:50  
R 9:30-10:50  
MEETS: AUG 20-DEC 14  

FIELD EXP PHYS EDUC  KIN 281 1 CREDIT  
Prereq: Admission to University Teacher Education Program  
Note: Restricted to Students with Full Admission to the University Teacher Education Program  
Satisfactory-Fail Only.  
7699005 1 F 9:30-11:50  
MEETS: AUG 20-DEC 14  

ELEM/PRESCH MVM MT KIN 284 3 CREDITS  
Prereq: 3 Credits in Human Dev & Family Studies  
Note: Open to Non Physical Education Teacher Licensee Students Only. Credit for Either KIN 275/312 or KIN 284, but not both, may be applied toward graduation.  
5737005 1 MW 1:10-3:00  
MEETS: AUG 20-DEC 14  

PRE-INTERN KINESIO/L  KIN 285 1-2 CREDITS  
Prereq: Kinesiology and Health Major, and Permission of Internship Coordinator  
Satisfactory-Fail Only.  
8750005 ARRANGED  
MEETS: AUG 20-DEC 14  

COACH THY/ADMIN ISS  KIN 315 3 CREDITS  
5372005 1 TR 11:00-12:20  
MEETS: AUG 20-DEC 14  

THERAP MODALT ATHLE  KIN 323 3 CREDITS  
Prereq: Permission of Athletic Training Program Director  
2632005 1 MW 8:00-9:50  
MEETS: AUG 20-DEC 14  
Note: Instructor permission required.  

THERAP MODALT PRACTM  KIN 324 1 CREDIT  
Prereq: Permission of Athletic Training Program Director  
5843005 F 8:00-9:50  
MEETS: AUG 20-DEC 14  

MGMT HEALTH-FIT PROG  KIN 345 3 CREDITS  
7697005 TR 9:30-10:45  
MEETS: AUG 20-DEC 14  

BIOMECHANICS  KIN 355 3 CREDITS  
Prereq: PHYS 111 or PHYS 115  
Note: Available for nonmajor graduate credit  
5752005 1 MFN 8:00-8:50  
MEETS: AUG 20-DEC 14  
Note: Section 1 Restricted to D EXA, D EXH, KIN, KIN H, PDEXA, PDEXH Juniors and Above  
5752010 2 MFN 8:00-8:50  
MEETS: AUG 20-DEC 14  
Note: Section 2 Restricted to Majors Other Than D EXA, D EXH, KIN, KIN H, PDEXA, PDEXH Juniors and Above Only.  

PHYSIOLOGY EXERCISE  KIN 358 3 CREDITS  
Prereq: BIOC 255, 255L, 256 and 256L  
Note: Available for nonmajor graduate credit  
5766005 A MFN 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: Section A Restricted to D EXA, D EXH, KIN, KIN H, PDEXA, PDEXH Juniors and Above Only.  
5766010 B MFN 12:10-1:00  
MEETS: AUG 20-DEC 14  
Note: Section B Restricted to Majors Other Than D EXA, D EXH, KIN, KIN H, PDEXA, PDEXH Juniors and Above Only.  

SOC SPORT EXERCISE  KIN 360 3 CREDITS  
Prereq: SOC 134, STA 101 or 104 or 226/326, or KIN 475  
Note: Available for nonmajor graduate credit  
5753005 1 MFN 10:00-10:50  
MEETS: AUG 20-DEC 14  
5753010 2 MFN 10:00-10:50  
MEETS: AUG 20-DEC 14  

BASIC ELECTROGRAPH  KIN 363X 2 CREDITS  
Note: Available for nonmajor graduate credit  
4297005 1 MFN 8:00-8:50  
MEETS: AUG 20-DEC 14  

SPORT PSYCHOLOGY  KIN 365 3 CREDITS  
Prereq: PSYCH 101 or PSYCH 230  
Note: Available for nonmajor graduate credit  
5754005 1A TR 9:30-10:45  
MEETS: AUG 20-DEC 14  
Note: Section 1A Restricted to EXD A, EXD H, KIN H, PDEXH Juniors and Seniors Only  
5754010 1B TR 9:30-10:45  
MEETS: AUG 20-DEC 14  
Note: Section 1B Is for Kinesiology Department Minors  

EXERCISE PSYCHOLOGY  KIN 366 3 CREDITS  
Prereq: PSYCH 101 or PSYCH 230  
Note: Available for nonmajor graduate credit  
7190005 1 TR 2:10-3:25  
MEETS: AUG 20-DEC 14  
Note: Section 1 Restricted to D EXA, D EXH, KIN, KIN H, PDEXA, PDEXH Juniors and Above Only.  
7190010 2 TR 2:10-3:25  
MEETS: AUG 20-DEC 14  
Note: Section 2 Restricted to Majors Other Than D EXA, D EXH, KIN, KIN H, PDEXA, PDEXH Juniors and Above Only.  

MOTOR CNTRL LIFESP  KIN 372 3 CREDITS  
Prereq: PSYCH 101 or PSYCH 230, BIOC 255, 256  
Note: Available for nonmajor graduate credit  
9623005 A MFN 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: Section A Restricted to D EXA, D EXH, KIN, KIN H, PDEXA, PDEXH Juniors and Above Only.  
9623010 B MFN 2:10-3:00  
MEETS: AUG 20-DEC 14  
Note: Section B Restricted to Majors Other Than D EXA, D EXH, KIN, KIN H, PDEXA, PDEXH Juniors and Above Only.  

DE A, D EXH, KIN, KIN H, PDEXA, PDEXH Juniors and Above Only.
KINESIOLOGY  (CONTINUED)

SEARCH STRAT EMPLOY  KIN  385  R CREDIT
Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN MINIMUM OF TWO SEMESTERS PRIOR TO KIN 485
Satisfactory-Fail Only.
5761005  1  F  1:10-2:00
MEETS: AUG 20-DEC 14
5761010  2  R  2:10-3:00
MEETS: AUG 20-DEC 14

SRV LRN LEADSHP EXP  KIN  391X  1- 3 CREDITS
Satisfactory-Fail Only.
4927005  1 ARRANGED
MEETS: AUG 20-DEC 14

ADAPTED PHYSICAL ED  KIN  393  3 CREDITS
Prereq: 312
Note: CREDIT FOR EITHER EX SP/KIN 395 OR HPE/KIN 595, BUT NOT BOTH, MAY BE APPLIED TOWARDS GRADUATION.
5760005  1  M  7:00-9:00PM
F 1:10-3:00
MEETS: AUG 20-DEC 14
5760010  2  M  7:00-9:00PM
F 9:00-10:30
MEETS: AUG 20-DEC 14

RECREATNL SPORT MGT  KIN  399  3 CREDITS
Prereq: SUC 134
Note: COURSE RESTRICTED TO KIN N, JMC, MGMT, MKT JUNIORS AND SENIORS. MINORS ARE ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD SLIP SIGNED BY THE INSTRUCTOR.
6217005  1 MWF 10:00-10:50
MEETS: AUG 20-DEC 14

SUPR TCHG-SECONDARY  KIN  417  VAR. CREDITS
Prereq: KIN 355, KIN 358, KIN 375, KIN 395, KIN 471, KIN 475; ADMISSION TO TEACHER EDUCATION; APPROVAL BEFORE ENROLLING IN THE COURSE.
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM - MUST APPLY FOR APPROVAL TO ENROLL AT BEGINNING OF THE SEMESTER PRIOR TO REGISTRATION.
5764005  1A ARRANGED
MEETS: AUG 20-DEC 14
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
Department permission required.
5764010  1R ARRANGED
MEETS: AUG 20-DEC 14
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
Department permission required.

SUPR TCHG-ELEMENTRY  KIN  418  8 CREDITS
Prereq: 280, 312, 355, 358, 375, 395, 471, 475, FULLY ADMITTED TO TEACHER EDUCATION, MUST APPLY FOR APPROVAL TO ENROLL AT BEGIN OF SEMESTER PRIOR TO REGISTRATION.
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM - MUST APPLY FOR APPROVAL TO ENROLL AT BEGINNING OF THE SEMESTER PRIOR TO REGISTRATION.
5765005  1A ARRANGED
MEETS: AUG 20-DEC 14
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
Department permission required.
5765010  1R ARRANGED
MEETS: AUG 20-DEC 14
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
Department permission required.

ADMN ATHLET TRAING  KIN  425  3 CREDITS
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR; SENIOR CLASSIFICATION
1154005  1 TR  8:00-9:15
MEETS: AUG 20-DEC 14

MED CNCRN ATHL TRNR  KIN  450  3 CREDITS
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
Note: PROCESS APPROVED ADD SLIP IN 10 EMRL SC
4879005  1 TR  9:30-10:45
MEETS: AUG 20-DEC 14
Note: Department permission required.

PRIN FITNESS ASSESS  KIN  458  4 CREDITS
Prereq: 358
Note: COURSE RESTRICTED TO KIN H, D EXA, D EXH JUNIORS AND ABOVE; AND FSHNA, FSHNH, KIN GRADUATE STUDENTS
Instructor permission required 1st week.
5767005  1A MW 1:10-2:00
T 1:10-3:00
MEETS: AUG 20-DEC 14
5767010  1B MW 1:10-2:00
T 3:10-5:00
MEETS: AUG 20-DEC 14
5767015  1C MW 1:10-2:00
R 1:10-3:00
MEETS: AUG 20-DEC 14
5767020  1D MW 1:10-2:00
R 3:10-5:00
MEETS: AUG 20-DEC 14

KINESIOLOGY  (CONTINUED)

INTERN EXER LEADSHR  KIN  459  1 CREDIT
Prereq: C- OR BETTER IN 259, CPR CERTIFICATION, CONCURRENT ENROLLMENT IN 158
Note: COURSE RESTRICTED TO KIN H JUNIORS AND ABOVE;
AND FSHNA, FSHNH, KIN GRADUATE STUDENTS
3473005  1 ARRANGED
MEETS: AUG 20-DEC 14

MEDIC ASPECTS EXERC  KIN  462  3 CREDITS
Prereq: 358
Note: COURSE RESTRICTED TO D EXA, D EXH, KIN, KIN H, FPDXA, FPDXH JUNIORS AND ABOVE
Available for nonmajor graduate credit.
5763005  1 TR 11:00-12:15
MEETS: AUG 20-DEC 14

FE CURRIC DSN & ORG  KIN  475  3 CREDITS
Prereq: ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
5771005  1 TR  9:30-10:45
MEETS: AUG 20-DEC 14

FUNCTIONAL ANATOMY  KIN  480  3 CREDITS
Prereq: KIN 355; BIOL 155 OR BIOL 255 AND BIOL 256
Note: Available for nonmajor graduate credit.
6175005  TR 11:00-12:15
MEETS: AUG 20-DEC 14

BIOMECHANICS LAB  KIN  481  1 CREDIT
6288005  1 T  8:00-9:40
MEETS: AUG 20-DEC 14

EXERCISE PHYSIO LAB  KIN  482  1 CREDIT
6298005  1 T  12:10-2:00
MEETS: AUG 20-DEC 14

INTERNSH FITNSS MGT  KIN  485A  8-16 CREDITS
Prereq: SENIOR CLASSIFICATION, ADVANCE REGISTRATION, C- OR BETTER IN 458 AND 459, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0
Satisfactory-Fail Only.
5772005  ARRANGED
MEETS: AUG 20-DEC 14
Note: Instructor permission required.

INTERNSHIP SPORT & ACT  KIN  485B  8-16 CREDITS
Prereq: SENIOR CLASSIFICATION, ADVANCE REGISTRATION, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0
Satisfactory-Fail Only.
5773005  ARRANGED
MEETS: AUG 20-DEC 14
Note: Instructor permission required.

RSRC TOPCS ATH TRN  KIN  488  1- 2 CREDITS
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2012
Satisfactory-Fail Only.
5775005  M  12:10-1:00
MEETS: AUG 20-DEC 14
Note: Instructor permission required.

INTERNSH FITNSS MGT  KIN  485A  8-16 CREDITS
Prereq: SENIOR CLASSIFICATION, ADVANCE REGISTRATION, C- OR BETTER IN 458 AND 459, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0
Satisfactory-Fail Only.
5772005  ARRANGED
MEETS: AUG 20-DEC 14
Note: Instructor permission required.

RSRC TOPCS ATH TRN  KIN  488  1- 2 CREDITS
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2012
Satisfactory-Fail Only.
5775005  M  12:10-1:00
MEETS: AUG 20-DEC 14
Note: Instructor permission required.

ATHL TRAIN COMPNHC  KIN  489  1 CREDIT
Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR, SENIOR CLASSIFICATION
Satisfactory-Fail Only.
3220005  1 ARRANGED
MEETS: AUG 20-DEC 14

IND STUDY EXER&SPORT  KIN  490A  1- 3 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR
Note: Instructor permission required 1st week.

IND STUDY COACHING  KIN  490B  1- 3 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR
Note: Instructor permission required 1st week.

INDEP STUDY HONORS  KIN  490H  1- 3 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
Instructor permission required 1st week.

RESRCH MPH ACTV  KIN  501  3 CREDITS
Prereq: GRAD CLASSIFICATION IN KINESIOLOGY AND HEALTH
KINESIOLOGY

(Continued)

EXER PHYSIO LAB TEC KIN 505 2 CREDITS
Prereq: KIN 358 OR EQUIVALENT COURSE WITH BASIC
LAB EXPERIENCE
5781005 1 M 4:10-6:00PM
ARRANGED
MEETS: AUG 20-DEC 14
MUSCULOSKEL MODELNG KIN 517 3 CREDITS
Prereq: 355 OR PERMISSION OF INSTRUCTOR
7434005 1 ARRANGED
MEETS: AUG 20-DEC 14
ADV TOP EX&SP PSYCH KIN 521 3 CREDITS
Prereq: 365 OR 366, 3 COURSES IN PSYCHOLOGY,
MAJOR IN KINESIOLOGY OR PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
5785005 1 T 6:00-9:00PM
MEETS: AUG 20-DEC 14
ADV VERTB PHYSIOL I KIN 549 4 CREDITS
Prereq: BIOL 335; CREDIT OR ENROLLMENT IN BBMB
404 OR BBMB 420
2329005 1 TR 8:00-9:50
MEETS: AUG 20-DEC 14
ADV PHYSIOL EXERC I KIN 550 3 CREDITS
Prereq: 505
5791005 1 T 4:40-6:40PM
ARRANGED
MEETS: AUG 20-DEC 14
PRIN MOTR CNTRL&RN KIN 560 3 CREDITS
Prereq: 372
5794005 1 M 4:30-7:30PM
MEETS: AUG 20-DEC 14
PE CURRIC DSN & ORG KIN 575 3 CREDITS
7460005 1 TR 9:30-10:50
MEETS: AUG 20-DEC 14
SPECIAL TOPICS P E KIN 590A 1-3 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP EXERC PHYSYL KIN 590D 1-3 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP SPORT SOCIO KIN 590E 1-3 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP MOTOR PSYCH KIN 590F 1-3 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP MOTOR BEHAV KIN 590G 1-3 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS
SPL TOP BIOMECHANICS 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.
5796005 1 M 7:00-9:00PM
ARRANGED
MEETS: AUG 20-DEC 14
5796010 2 M 7:00-9:00PM
F 1:10-2:55
MEETS: AUG 20-DEC 14
CREATIVE COMPONENT KIN 599 1-3 CREDITS
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

STUDIO: LANDSCP INTRO LA 201 6 CREDITS
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
Note: COURSE RESTRICTED TO LA MAJORS ONLY
Instructor permission required 1st week.
4765005 ARRANGED
MEETS: AUG 20-DEC 14
NATIV PLANTS MIDWEST LA 221 3 CREDITS
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
Note: COURSE RESTRICTED TO LA MAJORS ONLY
6091005 ARRANGED
MEETS: AUG 20-DEC 14
DEVEL ID AS L ARCHI LA 241 1 CREDIT
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
Note: COURSE RESTRICTED TO LA MAJORS ONLY
Satisfactory-Fail Only.
3447005 ARRANGED
MEETS: AUG 20-DEC 14
CULTURAL LANDSC STU LA 272 3 CREDITS
Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
Note: COURSE RESTRICTED TO LA MAJORS ONLY
6095005 ARRANGED
MEETS: AUG 20-DEC 14
SITE DESIGN II LA 301 6 CREDITS
Prereq: LA 202
F 1:10-5:20
MEETS: AUG 20-DEC 14
FUND PLANTN DESIGN LA 322 3 CREDITS
Prereq: LA 221
6430005 1 TR 11:00-3:30
MEETS: AUG 20-DEC 14
SHAPING THE LAND LA 381 3 CREDITS
Prereq: LA 281 AND MATH 141
Note: Instructor permission required 1st week.
4782005 1 MN 11:00-3:30
F 10:00-11:50
MEETS: AUG 20-DEC 14
COMMUNITY DESIGN LA 401 6 CREDITS
Prereq: LA 402
4787005 1 F 1:10-5:20
MN 1:10-5:20
MEETS: AUG 20-DEC 14
4787010 2 F 1:10-5:20
MN 1:10-5:20
MEETS: AUG 20-DEC 14
COMMUNITY DESIGN LA 401H 7 CREDITS
Prereq: LA 402
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY
Satisfactory-Fail Only.
6401005 1 F 1:10-5:20
MN 1:10-5:20, ARRANGED
MEETS: AUG 20-DEC 14
URBAN DESIGN LA 402 6 CREDITS
Prereq: LA 302
6174005 A F 1:10-5:20
MN 1:10-5:20
MEETS: AUG 20-DEC 14
LANDSCAPE ARCHITECTURE (CONTINUED)

URBAN DESIGN     L A  402H  7 CREDITS
Prereq: L A 302
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY
Instructor permission required.
6415005 A 11:10-5:20
MW 1:10-5:20, ARRANGED
MEETS: AUG 20-DEC 14
SR THESIS PREP TUTR     L A  403R  2 CREDITS
Prereq: L A 402, PERMISSION OF TThesis ADVISOR, ENROLLMENT IN HONORS PROGRAM
6176005 ARRANGED
MEETS: AUG 20-DEC 14
URBAN WATERSHR ASESMT     L A  417  3 CREDITS
Prereq: JUNIOR CLASSIFICATION AND 6 CREDITS OF NATURAL SCIENCE
1013005 T 12:40-2:00
W 12:40-3:10, MEETS: AUG 20-DEC 14
LAND ARCH INTERNSHIP     L A  444A  R CREDIT
Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
3036005 ARRANGED
MEETS: AUG 20-DEC 14
L ARCH STUDY ABROAD     L A  444B  R CREDIT
Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
6212005 ARRANGED
MEETS: AUG 20-DEC 14
LA NAT'L STDT XCHNG     L A  444C  R CREDIT
Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
6213005 ARRANGED
MEETS: AUG 20-DEC 14
TOPIC HIST/THRY/CRT     L A  478D  2-3 CREDITS
Prereq: L A 202 OR SENIOR OR GRADUATE CLASSIFICATION
Note: COURSE OFFERED FOR 3 CREDITS FALL 2012
3917005 MW 9:30-10:30, MEETS: AUG 20-DEC 14
TOPICAL ST GRAPHICS     L A  478G  2-3 CREDITS
Prereq: L A 202 OR SENIOR OR GRADUATE CLASSIFICATION
Note: COURSE OFFERED FOR 3 CREDITS FALL 2012
3921005 MF 10:00-11:50, MEETS: AUG 20-DEC 14
LANDSCAP CONSTRUCTN     L A  481  3 CREDITS
Prereq: 381
6222005 TR 3:40-5:00
MEETS: AUG 20-DEC 14
IND STDY LAND DSIGN     L A  490A  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STDY PLNTNG DSIGN     L A  490B  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STUDY CONSTRUCT     L A  490C  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY HISTORY     L A  490D  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STUDY LANDSC PLAN     L A  490E  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STDY URBAN DSIGN     L A  490F  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
INDEP STDY GRAPHICS     L A  490G  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY HONORS     L A  490H  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
LANDSCAPE ARCHITECTURE (CONTINUED)

IND STDY INTERDISC     L A  490I  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STDY INT'L STUDY     L A  490J  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STDY CMPLT APPL     L A  490K  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STDY ECO DESIGN     L A  490L  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STDY SOCIAL/Bhv     L A  490M  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
IND STDY NATU RESRC     L A  490N  1-6 CREDITS
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
URBAN WATERSHD ASESMT     L A  517  3 CREDITS
Prereq: 381
1018005 T 12:40-2:00
R 12:40-3:30, MEETS: AUG 20-DEC 14
PRIN RESEARCH     L A  541  3 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
4806005 1 ARRANGED
MEETS: AUG 20-DEC 14
ADV GIS LANDS MODEL     L A  567  3 CREDITS
Prereq: L A 302 OR C R P 451/551
5684005 1 MW 8:00-9:50, MEETS: AUG 20-DEC 14
TOPIC HIST/THRY/CRT     L A  578D  2-3 CREDITS
Prereq: SENIOR OR GRADUATE STANDING
Note: COURSE OFFERED FOR 3 CREDITS FALL 2012
4182005 MW 9:30-10:50, MEETS: AUG 20-DEC 14
TOPICAL ST GRAPHICS     L A  578G  2-3 CREDITS
Prereq: SENIOR OR GRADUATE STANDING
Note: COURSE OFFERED FOR 3 CREDITS FALL 2012
4200005 WE 10:00-11:50, MEETS: AUG 20-DEC 14
GRADUATE SEMINAR     L A  582  3 CREDITS
Prereq: ADMISSION TO GRAD PROGRAM OR PERMISSION OF INSTRUCTOR
8975005 T 5:10-8:00PM, MEETS: AUG 20-DEC 14
SPL TOP LANDSC DSIGN     L A  590A  1-6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOPC PLNTNG DSIGN     L A  590B  1-6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOPC CONSTRUCTN     L A  590C  1-6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOPICS HISTORY     L A  590D  1-6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
SPL TOP LANDSC PLAN     L A  590E  1-6 CREDITS
Prereq: GRADUATE STANDING
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
### FALL 2012

#### LANDSCAPE ARCHITECTURE (CONTINUED)

<table>
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#### LIBERAL ARTS & SCIENCES (CONTINUED)

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### LATIN

#### ELEMENTARY LATIN I

- **Latin 101** 4 credits
  - **PreReq:** Students who have completed one or more years of high school Latin may not enroll in 101. TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
  - **Sections:**
    - 4854035: T 9:00-9:50, M 10:00-10:50
    - 4854030: W 9:00-9:50

#### INTERMEDIATE LATIN

- **Latin 201** 3 credits
  - **PreReq:** TESTOUT NOT AVAILABLE IF ALSO REGISTERED
  - **Sections:**
    - 4856600: W 10:30-11:20

#### INDEPENDENT STUDY

- **Latin 490** 1-6 credits
  - **PreReq:** 6 cr in Latin; permission of department chair.
  - **Permission of department chair required.**

### ORIENTATION

- **LAS 101** .5 credit
  - **Satisfactory-Fail Only.**
  - **Sections:**
    - 6241005: T 8:00-8:50
    - 6241010: R 8:00-8:50

### HUMANITIE CONNECTNS

- **LAS 125B** 1 credit
  - **PreReq:** FIRST-YEAR STUDENT
  - **Sections:**
    - 7470005: W 4:10-5:00
    - 7470015: 3 W 4:10-5:00
    - 7470020: 4 W 4:10-5:00

### CONNECTIONS

- **LAS 125A** 1 credit
  - **PreReq:** FIRST-YEAR STUDENT
  - **Sections:**
    - 7473005: W 4:10-5:00
    - 7475005: 1 W 4:10-5:00
    - 7475010: 2 W 4:10-5:00

### CONNCTNS MATH & SCI

- **LAS 125C** 1 credit
  - **PreReq:** FIRST-YEAR STUDENT
  - **Sections:**
    - 7475005: 1 W 4:10-5:00
    - 7475010: 2 W 4:10-5:00

### LIBERAL ARTS & SCIENCES

- **LAS 101** .5 credit
  - **Satisfactory-Fail Only.**
  - **Sections:**
    - 6241005: T 8:00-8:50
    - 6241010: R 8:00-8:50
**SCM 301.**

Next semester enrollment block includes FIN 301 and MKT 340 is recommended for this enrollment block.

Note: Concurrent enrollment or prior credit in MKT 340 is recommended for this enrollment block. Next semester enrollment block includes FIN 301 and SCM 301.

**INR SPN-ENG INTERP** LING 554 3 CREDITS

Prereq: SPAN 351

Note: Meets international perspectives reqmt. Available for nonmajor graduate credit.

**PRA TCH ENG 2ND LNG** LING 588 3 CREDITS

Prereq: 9 credits toward the TESL certificate; 15 credits toward the teaching of the second language; or completion of all other requirements for K-12 ESL/TEFL endorsement.

Note: Course restricted to graduate English and linguistics majors.

**SRSC MTND APP LING** LING 623 3 CREDITS

Prereq: 511, 517, 519

Note: Course restricted to graduate English and linguistics majors.

**PRACTCM TEC &LINGUI** LING 688 3 CREDITS

Prereq: 510, ENGL 626, or equivalent; at least second yr Ph.D. student in Applied Ling & Technology.

Note: Course restricted to graduate English and linguistics majors.

**FEASIB ANLY&BUS FIN** MGMT 313 3 CREDITS

Prereq: 315

Note: Sections A1, B1, C1 restricted to acct, bus s, bus u, busec, FIN, LSCM, MGMT, MIS, MGT, OCSM, SCM undergraduate majors.

**MANAGMT ORGANIZATNS MGMT 370 3 CREDITS**

Prereq: JUNIOR CLASSIFICATION

Note: Meets U.S. diversity reqmt. Available for nonmajor graduate credit.

**FIN, LSCM, MGMT, MIS, MGT, OCSM, SCM Majors Only**

Note: Sections A1, B1 restricted to acct, bus s, bus u, busec, FIN, LSCM, MGMT, MIS, MGT, OCSM, SCM majors only.

**INTERNATIONAL MGMT MGMT 414 3 CREDITS**

Prereq: 370

Note: Sections A1, B1 restricted to acct, bus s, bus u, busec, FIN, LSCM, MGMT, MIS, MGT, OCSM, SCM majors only. Sections A2, B2 restricted to colleges other than business.

**MANAGEMENT ORGANIZATNS MGMT 370 3 CREDITS**

Prereq: ECON 101 or 102 or EQUIVALENT

Note: Sections A1, B1 restricted to acct, AG B, AN S, AST, BUS S, BUS U, BUSEC, DY S, FIN, FS A, HORT, I TEC, LSCM, MGMT, MIS, MGT, OCSM, SCM undergraduate majors only. Section A2 restricted to colleges other than business.

**MANAGE OF DIVERSITY MGMT 472 3 CREDITS**

Prereq: JUNIOR CLASSIFICATION

Note: Meets U.S. diversity reqmt. Available for nonmajor graduate credit.

**PERS&HUM RESOUR MGT MGMT 471 3 CREDITS**

Prereq: JUNIOR CLASSIFICATION

Note: Sections A1, B1 restricted to acct, bus s, bus u, busec, FIN, LSCM, MGMT, MIS, MGT, OCSM, SCM majors only.

**MANAGE MT ORGANIZATNS MGMT 370 3 CREDITS**

Prereq: ECON 101 or 102 or EQUIVALENT

Note: Course restricted to graduate English and linguistics majors.

**MANAGEMENT ORGANIZATNS MGMT 370 3 CREDITS**

Prereq: ECON 101 or 102 or EQUIVALENT

Note: Course restricted to graduate English and linguistics majors.

**PRSCTMC TEC &LINGUI** LING 688 3 CREDITS

Prereq: 510, English 626, or equivalent; at least second yr Ph.D. student in Applied Ling & Technology.

Note: Course restricted to graduate English and linguistics majors.
### FALL 2012

#### MANAGEMENT

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<td>Prereq: GRADUATE STANDING OR PERMISSION OF INSTRUCTOR</td>
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<td>Prereq: PERMISSION OF INSTRUCTOR</td>
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Electronic Commerce
Prereq: MIS 330, MKT 340, SCM 301
Note: Graduates must go to 1200 GERDIN for permission to add.
Available for nonmajor graduate credit.
MEETS: AUG 20-DEC 14
Note: Section A1 restricted to MIS majors only.
7405005 A1 M 6:10-9:00PM
MEETS: AUG 20-DEC 14
Note: Section A1 restricted to MIS majors only.
7405010 A2 M 6:10-9:00PM
Note: SEC A2 restricted to acct., bus s, bus u, bus ec, FIN, LSCM, MGMT, MKT, OSCM, SCM undergrad majors only.
INFO SYS INFRASTRUCTURE
Prereq: MIS 330
Note: Section A1,B1 restricted to MIS majors only. Section A2 restricted to acct., bus s, bus u, bus ec, FIN, LSCM, MGMT, MKT, OSCM, SCM undergrad majors only.
Graduates must go to 1200 GERDIN for permission to add.
Available for nonmajor graduate credit.
6396005 A1 TR 9:30-10:50
MEETS: AUG 20-DEC 14
6396015 A2 TR 9:30-10:50
MEETS: AUG 20-DEC 14
Note: Section A2 restricted to acct., bus s,.bus u, bus ec, FIN, LSCM, MGMT, MKT, OSCM, SCM undergrad majors only.
INFO SYS INFRASTRUCTURE
Prereq: MIS 330
Note: Section A1,B1 restricted to MIS majors only. Section A2 restricted to acct., bus s, bus u, bus ec, FIN, LSCM, MGMT, MKT, OSCM, SCM undergrad majors only.
Graduates must go to 1200 GERDIN for permission to add.
Available for nonmajor graduate credit.
4561005 A1 MWF 9:00-9:50
MEETS: AUG 20-DEC 14
4561010 B1 MWF 9:00-9:50
MEETS: AUG 20-DEC 14
4561020 B2 MWF 10:00-10:50
MEETS: AUG 20-DEC 14
PROJECT MANAGEMENT
Prereq: MIS 330
Note: Sec A1,B1 restricted to acct., bus s, bus u, bus ec, FIN, LSCM, MGMT, MKT, OSCM, SCM undergrad majors only.
Graduates must go to 1200 GERDIN for permission to add.
Available for nonmajor graduate credit.
5291005 A1 TR 3:40-5:00
MEETS: AUG 20-DEC 14
5291010 A2 M 6:10-9:00PM
MEETS: AUG 20-DEC 14
SUPPLY CHAIN MANAGEMENT
Prereq: MIS 330, SCM 301
Note: Section A1 restricted to MIS majors only.
6850005 A1 TR 8:00-9:15
MEETS: AUG 20-DEC 14
6850010 A2 TR 8:00-9:15
MEETS: AUG 20-DEC 14
Note: Section A2 restricted to acct., bus s, bus u, bus ec, FIN, LSCM, MGMT, MKT, OSCM, SCM undergrad majors only.
INDEPENDENT STUDY
Prereq: MIS 330, senior classification, permission of instructor.
Note: Department permission required.
**SEE DEPT FOR REFERENCE NUMBERS**
DATA MANAGEMENT
Prereq: MIS 330
Note: Restricted to business college graduate students.
2271005 A M 6:00-9:20PM
MEETS: AUG 27-NOV 12
BUSINESS SYSTEMS
Prereq: MIS 538
Note: Restricted to business college graduate students.
2259010 A M 6:00-9:20PM
MEETS: AUG 30-NOV 15
PERSONAL SALES
Prereq: Mkt 340
Note: SEC A1,B2 restricted to college of business undergrads only. SEC A2,B2 for all other colleges.
Course not open to P bus.
8540405 A1 TR 9:00-9:50
MEETS: AUG 20-DEC 14
8540410 A2 TR 9:00-9:50
MEETS: AUG 20-DEC 14
8540415 B1 TR 11:00-11:50
MEETS: AUG 20-DEC 14
RESERCH PRACTICUM I
Prereq: Enrollment in the PhD program.
Note: Must be a busad ph.d. student, or have departmental permission.
7515005 A TR 2:10-5:00
MEETS: AUG 20-DEC 14
RESEARCH PRACTICUM II
Prereq: Graduate classification, permission of supervisory committee chair.
**SEE DEPT FOR REFERENCE NUMBERS**
MARKETING
PRINCIPLES OF MARKETING
Prereq: Credit or enrollment in ECON 101.
Note: Sections A-G restricted to acct., acct b, AN s, AST, bus s, bus u, bus ec, DT s, FIN, FS A, FS H, HORT, I, TEC, LSCM, MGMT, MKT, OSCM, P S A, SCM undergrad majors only. Section J for other majors.
Next semester enrollment block includes Fin 301 and SCM 301.
5352015 A TR 8:00-9:15
MEETS: AUG 20-DEC 14
5352020 D TR 9:30-10:45
MEETS: AUG 20-DEC 14
5352025 E TR 2:10-3:30
MEETS: AUG 20-DEC 14
Note: Concurrent enrollment or prior credit in MGMT 370 is recommended for this enrollment block.
Next semester enrollment block includes Fin 301 and SCM 301.
5352030 F MW 10:00-10:50
MEETS: AUG 20-DEC 14
Note: Concurrent enrollment or prior credit in MGMT 370 is recommended for this enrollment block.
Next semester enrollment block includes Fin 301 and SCM 301.
5352035 G MWF 11:00-11:50
MEETS: AUG 20-DEC 14
Note: Concurrent enrollment or prior credit in MGMT 370 is recommended for this enrollment block.
Next semester enrollment block includes Fin 301 and SCM 301.
5352040 H TR 11:00-11:50
MEETS: AUG 20-DEC 14
Note: Concurrent enrollment or prior credit in MGMT 370 is recommended for this enrollment block.
Next semester enrollment block includes Fin 301 and SCM 301.
PERSONAL SALES MKT 343 3 CREDITS  
5354020 B2 MF 11:00-11:50  
MEETS: AUG 20-DEC 14  

PROMOTIONAL STRATEG MKT 410 3 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN MKT 447  
Note: Sections A1, B1 RESTRICTED TO MKT MAJORS ONLY.  
Section A2, B2 FOR ALL OTHER MAJORS. COURSE NOT OPEN TO  
P BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR  
PERMISSION TO ADD.  
Available for nonmajor graduate credit  
5355005 A1 TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
5355010 A2 TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
5355015 B1 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  
5355020 B2 TR 12:40-2:00  
MEETS: AUG 20-DEC 14  

SALES MANAGEMENT MKT 442 3 CREDITS  
Prereq: MKT 340  
Note: COURSE RESTRICTED TO MKT MAJORS ONLY.  
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
Available for nonmajor graduate credit  
5357005 A MW 1:10-2:00  
MEETS: AUG 20-DEC 14  

STRATEGC MKTG MGT MKT 443 3 CREDITS  
Prereq: MKT 340, STAT 226  
Note: COURSE RESTRICTED TO MKT SENIORS GRADUATING F’12  
5358005 A MW 3:40-5:00  
MEETS: AUG 20-DEC 14  
5358010 B W 6:10-9:00  
MEETS: AUG 20-DEC 14  

MARKTG RSEARCH TCNQ MKT 444 3 CREDITS  
Prereq: MKT 340, STAT 226  
Note: COURSE RESTRICTED TO MKT MAJORS ONLY.  
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD.  
Available for nonmajor graduate credit  
5359005 A T 6:10-9:00  
MEETS: AUG 20-DEC 14  
5359010 B T 6:10-9:00  
MEETS: AUG 20-DEC 14  

CUSTOMER RELATN MGT MKT 445 3 CREDITS  
Prereq: MKT 340  
Note: Sections A1, B1 RESTRICTED TO MKT MAJORS ONLY.  
Sections A2, B2 RESTRICTED TO MAJORS OTHER THAN  
P BUS.  
9068005 A1 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
9068010 A2 TR 9:30-10:50  
MEETS: AUG 20-DEC 14  
9068015 B1 TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
9068020 B2 TR 11:00-12:15  
MEETS: AUG 20-DEC 14  

CONSUMER BEHAVIOR MKT 447 3 CREDITS  
Prereq: MKT 340  
Note: Sections A1, B1, C1 RESTRICTED TO MKT, AST,  
PS, A, FS R, RC UNDERGRADS ONLY. Sections A2, B2 FOR  
OTHER MAJORS. NOT OPEN TO P BUS. GRADUATE  
STUDENTS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR  
PERMISSION TO ADD.  
Available for nonmajor graduate credit  
5362005 A1 TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
5362010 A2 TR 2:10-3:30  
MEETS: AUG 20-DEC 14  
5362015 B1 TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
5362020 B2 TR 11:00-12:15  
MEETS: AUG 20-DEC 14  
5362025 C1 MWF 11:10-12:00  
MEETS: AUG 20-DEC 14  
5362030 C2 MWF 11:10-12:00  
MEETS: AUG 20-DEC 14  

GLOBAL MARKETING MKT 448 3 CREDITS  
Prereq: MKT 340  
Note: COURSE RESTRICTED TO MKT, I BUS MAJORS ONLY.  
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION  
TO ADD.  
Available for nonmajor graduate credit  
9609005 A MW 6:10-9:00  
MEETS: AUG 20-DEC 14  
9609010 B MW 3:40-5:00  
MEETS: AUG 20-DEC 14  

INDEPENDENT STUDY MKT 490 1-3 CREDITS  
Prereq: MKT 340, SENIOR CLASSIFICATION;  
PERMISSION OF INSTRUCTOR  
Note: Department permission required.  
****** SEE DEPT FOR REFERENCE NUMBERS  

PRIN MTRLS SCI&ENG PLANNI MAT E 201 1 R CREDIT  
Prereq: SOPHMORE CLASSIFICATION IN MAT E  
Note: Course delivery is On-site instruction  
Taught at, in or by DES MOINES  
Course delivery is On-field instruction  
Taught at, in or by IOWA CITY  
5726005 TN 3:10-4:30  
MEETS: AUG 20-OCT 12  

INTRO MTRLS SCI&ENG M 215 3 CREDITS  
Prereq: CHEM 177 OR 167, MAJOR IN MATERIALS ENGR  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY  
BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 272,  
MAT E 392. CREDIT FOR EITHER MAT E 211 OR MAT E 215  
(AND 215L), BUT NOT BOTH, MAY BE APPLIED TOWARD  
GRADUATION. RESTRICTED TO MAT E MAJORS ONLY.  
7495005 MWF 10:00-11:00  
MEETS: AUG 20-DEC 14  

INTRO MTRLS SCI&ENG S&E LAB I MAT E 215L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 215 OR 272 OR 392; MAJOR IN MATERIALS ENGINEERING  
Note: CREDIT FOR EITHER MAT E 211 OR MAT E 215  
(AND 215L), BUT NOT BOTH, MAY BE APPLIED TOWARD  
GRADUATION. RESTRICTED TO MAT E MAJORS ONLY.  
7496005 A R 3:10-4:30  
MEETS: NOV 7-DEC 14  

PRIN MTRLS SCI&ENG M 273 3 CREDITS  
Prereq: SOPHMORE CLASSIFICATION; CHEM 167 OR 177; MATR 165  
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY  
BE APPLIED TOWARD GRADUATION: 215, 272, 273, 392.  
Sections A1, B1 RESTRICTED TO M E, A S SOPH, JUNIORS,  
AND SENIORS. Sections A2, B2 RESTRICTED TO C ENG,  
CON E, CPR E, E E, ENGR, MAT E, S E SOPH, JUNIORS,  
AND SENIORS AND ENGRS MAJORS. Sec A3, B3 RESTRICTED  
TO AB 2, 3 SOPHOMORES, JUNIORS AND SENIORS.  
3814005 A1 MF 11:00-11:50  
MEETS: AUG 20-DEC 14  

SMNR CONSUMER BEHAV M 601 3 CREDITS  
Prereq: MKT 401  
Note: MUST BE A BUSINESS PH.D. STUDENT, OR HAVE  
DEPARTMENTAL PERMISSION  
7625005 A R 5:10-8:00  
MEETS: AUG 20-DEC 14  

ISS INTER-ORG RELAT M 604 3 CREDITS  
Prereq: ENROLLMENT IN THE PH D PROGRAM  
Note: MUST BE A BUSINESS PH.D. STUDENT, OR HAVE  
DEPARTMENTAL PERMISSION  
7640005 A W 12:10-3:00  
MEETS: AUG 20-DEC 14  

RESEARCH METHODS M 644 3 CREDITS  
Prereq: KNOWLEDGE OF INTRODUCTORY STATISTICS,  
STAT 401, ENROLLMENT IN THE PH D PROGRAM  
Note: MUST BE A PH.D. STUDENT, OR HAVE DEPARTMENTAL  
PERMISSION  
7653005 A R 5:10-8:00  
MEETS: AUG 20-DEC 14  

RESEARCH PRACTICUM I M 650 1 CREDIT  
Prereq: ENROLLMENT IN THE PH D PROGRAM  
Note: MUST BE A BUSAD PH.D. STUDENT, OR HAVE  
DEPARTMENTAL PERMISSION  
7655005 A ARRANGED  
MEETS: AUG 20-DEC 14  

RESEARCH PRACTICUM II M 651 1 CREDIT  
Prereq: ENROLLMENT IN THE PH D PROGRAM  
Note: MUST BE A BUSINESS PH.D. STUDENT, OR HAVE  
DEPARTMENTAL PERMISSION  
7669005 A ARRANGED  
MEETS: AUG 20-DEC 14
PRIN MATRLS SCI/ENG MAT E 273  3 CREDITS
PREREQ: MAT E 211 OR 211L, PHYS 221, CHEM 178, CHEM 179, OR ENG 110.
MEETS: AUG 20-DEC 14
6316005  MF 10:00-10:50
MEETS: AUG 20-DEC 14

SEMICON MTRLS/DEVIC MAT E 332  3 CREDITS
PREREQ: PHY 222, ADDITIONAL PREREQ FOR E E AND E NS.
MAJORS: E E 134; ADDITIONAL PREREQ FOR E E AND E NS.
CPR M A JORS: E E 130.
MEETS: AUG 20-DEC 14
5970005  A TR 1:10-2:00
MEETS: AUG 20-DEC 14

INTRO POLYMER MATRLS MAT E 351  3 CREDITS
PREREQ: 216.
MEETS: AUG 20-DEC 14
6650005  TR 2:10-3:30
MEETS: AUG 20-DEC 14

SUSTNBL E & INT'T DEV MAT E 388  3 CREDITS
PREREQ: JUNIOR CLASSIFICATION IN ENGINEERING.
MEETS: AUG 20-DEC 14
8826005  A1 MW 3:10-4:00
MEETS: AUG 20-DEC 14
TUE 4:10-6:00PM
MEETS: AUG 20-DEC 14
SECTION A1 RESTRICTED TO A E, ABE A, A B E, C E,
CCE E, CON E, CPR E, E E, E CPE, S E MAJORS ONLY.
SECTION A2 RESTRICTED TO M E, M S E,
AER E, BSE, C B E, CH E, ENGR, ENGRS, 1' E, IMSE,
NUC E, SYS E MAJORS ONLY.
MEETS: AUG 20-DEC 14
8826010  A2 MW 3:10-4:00
MEETS: AUG 20-DEC 14
TUE 4:10-6:00PM
MEETS: AUG 20-DEC 14
SECTION A2 RESTRICTED TO M E, M S E,
AER E, BSE, C B E, CH E, ENGR, ENGRS, 1' E, IMSE,
NUC E, SYS E MAJORS ONLY.
MEETS: AUG 20-DEC 14
ENGR INERNSHIP MAT E 397  3 CREDITS
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING.
CAREER SERVICES.

COOPERATIVE EDUC MAT E 398  3 CREDITS
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING.
CAREER SERVICES.

PRO PRACTICE I MAT E 413  3 CREDITS
PREREQ: SENIOR STATUS IN MAT E.
MEETS: AUG 20-DEC 14
6628005  A2 MW 2:10-3:00, ARRANGED
MEETS: AUG 20-DEC 14

GLASSE & ADV CERAM MAT E 425  3 CREDITS
PREREQ: 321
MEETS: AUG 20-DEC 14
7501005  1 TR 10:00-10:50
MEETS: AUG 20-DEC 14

ADV ELECTRN MATERLS MAT E 433  3 CREDITS
PREREQ: 334.
MEETS: AUG 20-DEC 14
6676005  MF 9:00-9:50
MEETS: AUG 20-DEC 14
MATHEMATICS

HIGH SCHOOL ALGEBRA  MATH 10  0 CREDITS
Note: Credit for either Math 141 or Math 142, but not both, may be applied toward graduation. Credits earned in Math 141 cannot be applied toward graduation by Math majors. Students in the Las College may not apply Math 141 toward Group III of the General Education Requirements for graduation.

TRIGONOMETRY  MATH 141  2 CREDITS
Note: Credit for either MATH 141 or MATH 142, but not both, may be applied toward graduation. Credits earned in MATH 141 cannot be applied toward graduation by Math majors. Students in the Las College may not apply MATH 141 toward Group III of the General Education Requirements for graduation. Night exams scheduled. For dates go to http://www.registrar.iastate.edu/exams/nitexam.html.

TRIG ANALYSIS GEOMETRY  MATH 142  3 CREDITS
Note: The two scheduled hours on Tuesday and Thursday are for exams and help sessions only. Course delivery is WWW.

TRIGONOMETRY  MATH 141  2 CREDITS
Note: Satisfactory performance on placement exam, 2 years of high school algebra, 1 year of high school geometry, or enrollment in Math 140.

TRIG ANALYSIS GEOMETRY  MATH 142  3 CREDITS
Note: Satisfactory performance on placement exam, 2 years of high school algebra, 1 year of high school geometry, or enrollment in Math 140.
TRIG&ANALY GEOMETRY MATH 142 3 CREDITS

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### Mathematics (Continued)

#### BUS & SOC SCI CALC  MATH 151  3 CREDITS

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#### DISC MATH  BUS & SOC SCI CALC  MATH 150  3 CREDITS

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#### DISC MATH  BUS & SOC SCI CALC  MATH 160  4 CREDITS

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#### SURVEY OF CALCULUS  MATH 180  4 CREDITS

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#### SURVEY OF CALCULUS  MATH 181  4 CREDITS

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#### SURVEY OF CALCULUS  MATH 182  4 CREDITS

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#### SURVEY OF CALCULUS  MATH 183  4 CREDITS

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### MATHEMATICS

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### MATHEMATICS (CONTINUED)

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### HONORS--CALCULUS II MATH 166H 4 CREDITS

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### LIFE SCI CALC/GDL MATH 181 4 CREDITS

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### MATH FOR ELEM ED MATH 195 3 CREDITS

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### MATH FOR ELEM ED II MATH 196 3 CREDITS

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### INTRO TO PROOFS MATH 201 3 CREDITS

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MATHEMATICS (CONTINUED)

CALCULUS III MATH 265 4 CREDITS
5151045 D1 MWF 10:00-10:50
T 10:00-10:50
MEETS: AUG 20-DEC 14
5151050 D2 MWF 10:00-10:50
T 10:00-10:50
MEETS: AUG 20-DEC 14
5151055 E1 MWF 10:00-10:50
T 11:00-11:50
MEETS: AUG 20-DEC 14
5151060 E2 MWF 10:00-10:50
T 11:00-11:50
MEETS: AUG 20-DEC 14
5151070 F1 MTRF 11:00-11:50
MEETS: AUG 20-DEC 14
5151080 G1 MTRF 11:00-11:50
MEETS: AUG 20-DEC 14
5151085 J1 MTRF 11:00-11:50
MEETS: AUG 20-DEC 14
5151100 K2 MWF 10:00-10:50
R 12:10-1:00
MEETS: AUG 20-DEC 14
5151110 L1 MWF 11:00-11:50
R 12:10-1:00
MEETS: AUG 20-DEC 14
5151115 L2 MWF 11:00-11:50
R 12:10-1:00
MEETS: AUG 20-DEC 14
5151120 M1 MWF 11:00-11:50
R 1:10-2:00
MEETS: AUG 20-DEC 14
5151125 M2 MWF 11:00-11:50
R 1:10-2:00
MEETS: AUG 20-DEC 14
5151135 N1 MTRF 11:00-11:50
MEETS: AUG 20-DEC 14
5151140 N2 MTRF 11:00-11:50
MEETS: AUG 20-DEC 14
5151155 P1 MTRF 11:00-11:50
MEETS: AUG 20-DEC 14
HONORS CALCULUS III MATH 265H 4 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR; AND MATH 166 OR MATH 166H
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM. OTHER STUDENTS MAY SEEK PERMISSION OF THE INSTRUCTOR OR ELIZABETH JOHNSTON OR JENNIFER DAVIDSON; BUT PREFERENCE WILL BE GIVEN TO STUDENTS INT THE UNIVERSITY HONORS PROGRAM.
2073005 MTRF 8:00-8:50
MEETS: AUG 20-DEC 14
ELEM DIFF EQUATNS MATH 266 3 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5152010 B MWF 9:00-9:50
MEETS: AUG 20-DEC 14
5152015 C MTRF 10:00-10:50
MEETS: AUG 20-DEC 14
5152030 F MTRF 11:00-12:00
MEETS: AUG 20-DEC 14
5152035 G MTRF 12:10-1:00
MEETS: AUG 20-DEC 14
DIFF EQ & TRANSFS MATH 267 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5153005 A MTRF 8:00-8:50
MEETS: AUG 20-DEC 14
5153010 B MTRF 9:00-9:50
MEETS: AUG 20-DEC 14
5153015 C MTRF 10:00-10:50
MEETS: AUG 20-DEC 14
5153020 D MTRF 11:00-11:50
MEETS: AUG 20-DEC 14
5153025 E MTRF 12:10-1:00
MEETS: AUG 20-DEC 14
5153030 F MTRF 1:10-2:00
MEETS: AUG 20-DEC 14
5153035 G MTRF 2:10-3:00
MEETS: AUG 20-DEC 14
5153040 J MTRF 3:10-4:00
MEETS: AUG 20-DEC 14
LAPLACE TRANSFORMS MATH 268 1 CREDIT
Prereq: MATH 266
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5154005 ARRANGED
MEETS: OCT 29-DEC 14
Note: EXACT START DATE MAY VARY FROM SECTION TO SECTION Department permission required.
INDEPENDENT STUDY MATH 290 1-3 CREDITS
Note: Department permission required.
5156005 MEETS: AUG 20-DEC 14
INDEP STUDY HONORS MATH 290H 1-3 CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
Note: Department permission required.
5157005 ARRANGED
MEETS: AUG 20-DEC 14
INTMED TOPIC ELEM MATH 297 3 CREDITS
Prereq: ENROLLMENT IN ELEMENTARY EDUCATION AND GRADE OF C- OR BETTER IN MATH 196
4437005 MWF 9:00-10:15
MEETS: AUG 20-DEC 14
ABSTRACT ALGEBRA I MATH 301 3 CREDITS
Prereq: MATH 166 OR MATH 166H, MATH 307 OR MATH 317, AND MATH 300
Note: Available for nonmajor graduate credit
5158005 A MWF 10:00-10:50
MEETS: AUG 20-DEC 14
5158010 B MWF 11:00-11:50
MEETS: AUG 20-DEC 14
MATRESLINEAR ALGB MATH 307 3 CREDITS
Prereq: 2 SEMESTERS OF CALCULUS
Note: CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION Available for nonmajor graduate credit
5161005 A TR 2:10-3:25
MEETS: AUG 20-DEC 14
5161010 B MWF 9:00-9:50
MEETS: AUG 20-DEC 14
THY LINEAR ALGEBRA MATH 317 4 CREDITS
Prereq: MATH 166, CREDIT OR ENROLLMENT IN MATH 201
Note: CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
7872005 A MTRF 10:00-10:50
MEETS: AUG 20-DEC 14
7872010 B MTRF 12:10-1:00
MEETS: AUG 20-DEC 14
INTR THY PROBAB&I MATH 341 3 CREDITS
Prereq: MATH 265 OR MATH 265H
Note: CREDIT FOR EITHER MATH/STAT 341 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5166005 A MWF 10:00-10:50
MEETS: AUG 20-DEC 14
INTR THY PR&STAT II MATH 342 3 CREDITS
Prereq: STAT 341; MATH 307 OR MATH 317
5167005 A MWF 10:00-10:50
MEETS: AUG 20-DEC 14
INTR SCIENTF CMPNG MATH 373 3 CREDITS
Prereq: MATH 265
Note: Available for nonmajor graduate credit
2626005 TR 11:00-12:15
MEETS: AUG 20-DEC 14
INTR PART DIFF EQUA MATH 385 3 CREDITS
Prereq: MATH 265 AND ONE OF MATH 266, MATH 267
Note: Available for nonmajor graduate credit
5170005 TR 11:00-12:15
MEETS: AUG 20-DEC 14
COOPERATIVE EDUC MATH 398 R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4551005 ARRANGED
MEETS: AUG 20-DEC 14
Note: Department permission required.
ANALYSIS I MATH 414 3 CREDITS
Prereq: MATH 201; MATH 265; AND MATH 307 OR MATH 317
Note: Available for nonmajor graduate credit
5171005 A MWF 11:00-11:50
MEETS: AUG 20-DEC 14
MATHEMATICS

MATH METHD PHYS SCI MATH 426 3 CREDITS
Prereq: MATH 266 OR MATH 267
Note: 266 OR 267
Available for nonmajor graduate credit
5174005 MWF 1:10-2:00
MEETS: AUG 20-DEC 14

GEOMETRY I MATH 435 3 CREDITS
Prereq: MATH 307 OR MATH 317
Note: Available for nonmajor graduate credit
5175005 MWF 9:00-9:50
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY MATH 490 1-3 CREDITS
Prereq: 301 OR 317; 6 CREDITS IN MATH
Note: No more than 9 credits of MATH 490 may be applied toward graduation
5182005 DD ARRANGED
MEETS: AUG 20-DEC 14
Note: Department permission required.
5182015 JW ARRANGED
MEETS: AUG 20-DEC 14
Note: Section JW offered for 2 credits
5182105 LS ARRANGED
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY HONORS MATH 490H 1-3 CREDITS
Prereq: 301 OR 317; 6 CREDITS IN MATH, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: No more than 9 credits of MATH 490 may be applied toward graduation. Restricted to members of the University Honors Program only.
5183005 ARRANGED
MEETS: AUG 20-DEC 14

UNDERGRAD THESIS MATH 491 2-3 CREDITS
Note: Department permission required.
5184005 ARRANGED
MEETS: AUG 20-DEC 14
5184015 AR ARRANGED
MEETS: AUG 20-DEC 14
Note: Section AR offered for 3 credits only
5184015 LL ARRANGED
MEETS: AUG 20-DEC 14

TEACH SEC SCHL MATH MATH 497 3 CREDITS
Prereq: 15 credits in college mathematics; if in a Teacher Licensure Program, concurrent enrollment in C I 426 OR 526
5185005 1 M 5:10-8:00PM
MEETS: AUG 20-DEC 14

COOPERATIVE EDUCATN MATH 498 R CREDIT
Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4552005 ARRANGED
MEETS: AUG 20-DEC 14

INTRO REAL ANALYSIS MATH 501 3 CREDITS
Prereq: MATH 265 AND (MATH 307 OR MATH 317)
7394005 MWF 11:00-11:50
MEETS: AUG 20-DEC 14

ABSTRACT ALGEBRA I MATH 504 3 CREDITS
Prereq: MATH 302
5186005 MWF 12:10-1:00
MEETS: AUG 20-DEC 14

LINEAR ALGEBRA MATH 510 3 CREDITS
Prereq: MATH 307 OR MATH 317
5191005 MWF 9:00-9:50
MEETS: AUG 20-DEC 14

REAL ANALYSIS I MATH 515 3 CREDITS
5196005 A M 11:00-11:50
MEETS: AUG 20-DEC 14

MTHD APPLIED MATH I MATH 519 3 CREDITS
Prereq: MATH 414 OR MATH 501
2281005 MWF 2:10-3:00
MEETS: AUG 20-DEC 14

INTRO STOCHAST PROC MATH 554 3 CREDITS
Prereq: STAT 542
5214005 MWF 1:10-2:00
MEETS: AUG 20-DEC 14

NUMERICL ANALYSIS I MATH 561 3 CREDITS
Prereq: MATH 414 OR MATH 501
7502005 TR 12:40-2:00
MEETS: AUG 20-DEC 14

MATHEMATICS

DISCRETE OPTIMIZATION MATH 566X 3 CREDITS
Prereq: MATH 317 OR MATH 510
4953005 TR 2:10-3:25
MEETS: AUG 20-DEC 14

LINEAR SYSTEMS MATH 577 3 CREDITS
Prereq: E E 324 OR E E 413 OR M E 414 OR MATH 415; AND MATH 307
7904005 A TR 2:10-3:30
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY MATH 590 VAR. CREDITS
5229052 HH ARRANGED
MEETS: AUG 20-DEC 14
5229153 SB ARRANGED
MEETS: AUG 20-DEC 14
5229172 TB ARRANGED
MEETS: AUG 20-DEC 14
Note: Department permission required.

MATH GRAD ORIENTN I MATH 591 0.5 CREDIT
Satisfactory-Fail Only.
6385005 W 4:10-5:00
MEETS: AUG 20-DEC 14

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

MATHEMATICAL LOGIC I MATH 601 3 CREDITS
5222005 TR 9:30-10:45
MEETS: AUG 20-DEC 14

MODERN GRAPH THEORY MATH 607 3 CREDITS
5376005 TR 12:40-2:00
MEETS: AUG 20-DEC 14

CATEGORY THEORY MATH 617 3 CREDITS
5226005 MWF 10:00-10:50
MEETS: AUG 20-DEC 14

ADV PROBABILITY THEORY MATH 642 4 CREDITS
3530005 A MWF 8:30-9:45
MEETS: AUG 20-DEC 14

PARTIAL DIFF EQUA I MATH 655 3 CREDITS
5227005 TR 12:40-2:00
MEETS: AUG 20-DEC 14

ADV TOPICS ALGEBRA MATH 680A 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
5232005 ARRANGED
MEETS: AUG 20-DEC 14

ADV TOPICS ANALYSIS MATH 680B 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
5233005 ARRANGED
MEETS: AUG 20-DEC 14

ADV TOPCS DIFF EQUA MATH 680E 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
5243005 ARRANGED
MEETS: AUG 20-DEC 14

ADV TOPIC LOGIC&FND MATH 680G 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
5245005 ARRANGED
MEETS: AUG 20-DEC 14

ADV TOPCS PROBABILITY MATH 680K 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
9603005 ARRANGED
MEETS: AUG 20-DEC 14
Note: Department permission required.

ADV TOPICS TOPOLOGY MATH 680L 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5222005 ARRANGED
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY MATH 710 VAR. CREDITS
Note: Course only offered for 1-3 credits Fall 2012
5231005 LU TR 2:10-3:25
MEETS: AUG 20-DEC 14

REAL ANALYSIS MATH 751 3 CREDITS
Prereq: MATH 517 OR MATH 519
4953005 TR 2:10-3:25
MEETS: AUG 20-DEC 14

LINEAR SYSTEMS MATH 757 3 CREDITS
Prereq: E E 324 OR E E 413 OR M E 414 OR MATH 415; AND MATH 307
7904005 A TR 2:10-3:30
MEETS: AUG 20-DEC 14
INSTR MCH ENG DESIGN M E 270 3 CREDITS
Prereq: M E 170 or EQUIVALENT, PHYS 221
Note: COURSE RESTRICTED TO M E MAJORS ONLY
6270005 A T 2:10-3:00
6270010 B T 2:10-3:00
6270015 C T 2:10-3:00
MEETS: AUG 20-DEC 14

MANUFACTURING ENGR M E 324 4 CREDITS
Prereq: M E 270, M E 324, MAT E 273
Note: COURSE RESTRICTED TO M E AND A E MAJORS ONLY
Available for nonmajor graduate credit
6277005 T MF 3:10-4:00
T 10:00-11:50
MEETS: AUG 20-DEC 14
6277010 2 T MF 3:10-4:00
R 10:00-11:50
MEETS: AUG 20-DEC 14
6277015 3 MF 3:10-4:00
T 1:10-3:00
MEETS: AUG 20-DEC 14
6277020 4 MF 3:10-4:00
R 1:10-3:00
MEETS: AUG 20-DEC 14
6277025 5 MF 3:10-4:00
R 3:10-5:00
MEETS: AUG 20-DEC 14
6277030 6 MF 3:10-4:00
MEETS: AUG 20-DEC 14
6277035 7 MF 3:10-4:00
T 8:00-9:50
MEETS: AUG 20-DEC 14
6277040 8 MF 3:10-4:00
R 8:00-9:50
MEETS: AUG 20-DEC 14
6277045 9 MF 3:10-4:00
W 10:00-11:50
MEETS: AUG 20-DEC 14
6277050 10 MF 3:10-4:00
W 1:10-3:00
MEETS: AUG 20-DEC 14

MECH ENGR PRO PLAN M E 202 R CREDIT
Prereq: SOPHMORE CLASSIFICATION
Satisfactory-Pass Only.
4870005 A R 2:10-3:00
MEETS: AUG 20-DEC 14

ENGR THERMODYNMS II M E 332 3 CREDITS
Prereq: M E 231
Note: CREDIT RESTRICTED TO M E MAJORS ONLY
Available for nonmajor graduate credit
4878005 A MF 11:00-12:50
MEETS: AUG 20-DEC 14
4878010 B NF 2:10-3:00
MEETS: AUG 20-DEC 14
4878600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MW 1:10-2 PM OR STUDENTS
 HAVE THE OPTION TO VIEW COURSES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

FLUID FLOW M E 335 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 332, E M 345,
MATH 265 OR MATH 267
Note: COURSE RESTRICTED TO M E MAJORS ONLY
Available for nonmajor graduate credit
5703005 T TR 12:40-2:00
M 10:00-11:50
MEETS: AUG 20-DEC 14
5703010 2 TR 12:40-2:00
MEETS: AUG 20-DEC 14
5703015 3 TR 12:40-2:00
T 10:00-11:50
MEETS: AUG 20-DEC 14
5703020 4 TR 12:40-2:00
T 8:00-9:50
MEETS: AUG 20-DEC 14
5703025 5 TR 12:40-2:00
T 3:10-5:00
MEETS: AUG 20-DEC 14
5703030 6 TR 12:40-2:00
W 10:00-11:50
MEETS: AUG 20-DEC 14
5703035 7 TR 12:40-2:00
W 1:10-3:00
MEETS: AUG 20-DEC 14
5703040 8 TR 12:40-2:00
W 3:10-5:00
MEETS: AUG 20-DEC 14
### Fluid Flow

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### Mechanical Engineering

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### ENGR Internship

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### Computer-Aided Design

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### Thermodynamics

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### Creativity & Imagination

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### Mechanical Systems Design

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### Fluid Power

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### Mechanical Engineering (Continued)

### Ethical Responsibility Engineering

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### Heat Transfer

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### System Dynamics

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### Thermophysical Processes

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MECHANICAL ENGINEERING (CONTINUED)

HEAT TRANSFER M E 436 4 CREDITS
5711040 8 MWF 8:00-8:50
T 10:00-11:15 MEETS: AUG 20-DEC 14
5711045 9 MWF 8:00-8:50
R 10:00-11:15 MEETS: AUG 20-DEC 14
5711050 10 MWF 8:00-8:50
T 11:00-12:15 MEETS: AUG 20-DEC 14
5711055 11 MWF 8:00-8:50
M 11:00-12:15 MEETS: AUG 20-DEC 14
5711060 12 MWF 8:00-8:50
R 11:00-12:15 MEETS: AUG 20-DEC 14

FUND HEAT, VENT, AIR M E 441 3 CREDITS
Prereq: CR OR ENROLLMENT IN 436
Note: Available for nonmajor graduate credit
4892005 A MWF 1:10-2:00
MEETS: AUG 20-DEC 14

INT COMB ENGN DESGN M E 449 3 CREDITS
Note: COURSE RESTRICTED TO M E MAJORS ONLY
Available for nonmajor graduate credit
4899005 1 MWF 4:10-5:00
MEETS: AUG 20-DEC 14
4899010 2 MWF 4:10-5:00
W 4:10-5:00 MEETS: AUG 20-DEC 14
4899015 3 MWF 4:10-5:00
F 4:10-5:00 MEETS: AUG 20-DEC 14

MULTIDISC ENGR DESGN M E 466 3 CREDITS
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
1903005 1 M 4:10-5:00, ARRANGED
MEETS: AUG 20-DEC 14

TECH, GLOBAL & CULTUR M E 484 3 CREDITS
Prereq: SENIOR CLASSIFICATION
Note: Meets international perspectives reqmt
6320005 A M 6:00-7:30PM
W 6:00-7:30PM MEETS: AUG 20-DEC 14
6320600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE TW 6-7:30 PM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

INDEP STUDY HONORS M E 490H 1-6 CREDITS
Prereq: SR CLASSIFICATION, MEMBERSHIP IN HONORS HPG
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
HONORS PROGRAM ONLY.
******** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN M E 490J 1-6 CREDITS
Prereq: SENIOR CLASSIFICATION
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU NUCL ENGR M E 490M 1-6 CREDITS
Prereq: SENIOR CLASSIFICATION
******** SEE DEPT FOR REFERENCE NUMBERS

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

MATL&MFG CONSIS DSN M E 520 3 CREDITS
Prereq: 324, 325
4925005 A MWF 9:00-9:50
MEETS: AUG 20-DEC 14
4925600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MWF 9:00-9:50 AM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

ADV THERMODYNAMICS M E 530 3 CREDITS
Prereq: 322
4928005 A MWF 2:10-3:00
MEETS: AUG 20-DEC 14
4928600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MWF 2:10-3:00 PM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

MECHANICAL ENGINEERING (CONTINUED)

ADVANCED FLUID FLOW M E 538 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 436
4935005 A M 3:10-4:30 MEETS: AUG 20-DEC 14
4935600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MW 3:10-4:30 PM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

SOLAR ENERGY SYSMTS M E 540 3 CREDITS
Prereq: 436
4936600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: Section XE is off campus
Course delivery is Videostreaming

THERMAL SYST DESIGN M E 545 3 CREDITS
Prereq: 436
8702005 TR 9:10-10:25 MEETS: AUG 20-DEC 14

FLUID MECH&HEAT TR I M E 546 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 538 OR AER E 541
4939005 A MWF 10:00-10:50
MEETS: AUG 20-DEC 14

CPTR GRPHC&GEO MOD M E 557 3 CREDITS
Prereq: 421, PROGRAMMING EXPERIENCE IN C
4889005 A TR 2:10-3:30
MEETS: AUG 20-DEC 14

SCAN PROBE MICROSCPY M E 561 3 CREDITS
Prereq: FIRST YEAR PHYSICS, CHEMISTRY
5797005 A M 2:10-4:00 W 4:10-6:00 PM
MEETS: AUG 20-DEC 14

MICRONANO MECNICS M E 563 3 CREDITS
Prereq: 324 OR AER E 331 OR M E 525
8148005 TR 3:40-5:00
MEETS: AUG 20-DEC 14
8148600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE TR 3:40-5:00 PM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

FRACTURE & FATIGUE M E 564 3 CREDITS
Prereq: 324 AND EITHER MAT E 216 OR 272 OR 392.
UNDERGRADUATES: PERMISSION OF INSTRUCTOR
4944005 1 MWF 1:10-2:00
MEETS: AUG 20-DEC 14

LINEAR SYSTEMS M E 577 3 CREDITS
Prereq: 415; AND MATH 307
8199005 A TR 6:00-7:30PM
MEETS: AUG 20-DEC 14

VIRTUAL ENVIRON&APP M E 580 3 CREDITS
Prereq: SENIOR OR GRADUATE STATUS
9419005 MW 11:30-12:45
MEETS: AUG 20-DEC 14
9419600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MW 11:30-12:45 PM OR
STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

TECH, GLOBAL & CULTUR M E 584 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: Meets international perspectives reqmt
6336010 X A MW 3:00-4:15
W 3:00-4:15 MEETS: AUG 20-DEC 14
6336600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE W 3:00-4:15 PM OR
STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming

SP TOP LIT INVESTIG M E 590Q 1-8 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR M E 600 R CREDIT
4964005 A ARRANGED
MEETS: AUG 20-DEC 14
MECHANICAL ENGINEERING (CONTINUED)

CONVECTN HEAT TRANS M E 637 3 CREDITS
Prereq: 436
4969000 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: Section XE is off campus
Course delivery is Videostreaming

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 TOP THERMODYN M E 690D VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ADV MACH DSN M E 690G VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AUTO CONTOL 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 TRIBOLOGY M E 690M VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SENSTV MTHD M E 690N VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR COMPUT M E 690P VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR MEASUR M E 690Q VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTG 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: AUG 20-DEC 14
Note: Department permission required.

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

METEOROLOGY

SEVERE&HD WEATHER MTEOR 107 1 CREDIT
9205005 1 TR 1:10-2:00 GALLUS W
MEETS: OCT 15-DEC 14

SYNOPTIC APPLICATNS MTEOR 111 1 CREDIT
Prereq: CREDIT OR ENROLL IN MATH 165. ENROLLMENT RESTRICTED TO MTEOR MAJORS ONLY, OR INSTRUCTOR PERMISSION
Note: COURSE RESTRICTED TO MTEOR MAJORS. OTHERS BY SIGNATURE OF THE METEOROLOGY DEPARTMENT ADVISING STAFF.
5641005 1 T 12:10-1:00 FLORY D
MEETS: AUG 20-DEC 14
Section info: http://www.meteor.iastate.edu/classes/mt111/index.html
Syllabus: http://www.meteor.iastate.edu/classes/mt111/index.html

GEOSCIENCE ORIENT MTEOR 112 1 CREDIT
6630005 1 R 4:10-5:00 BURT H
MEETS: AUG 20-DEC 14

INTRODUCTRY SEMINAR MTEOR 201 R CREDIT
Satisfactory-Fail Only.
5374005 T 11:10-2:00 FLORY D
MEETS: AUG 20-DEC 14
Section info: http://www.meteor.iastate.edu/classes mt201
Syllabus: http://www.meteor.iastate.edu/classes/mt201

INTRO WEATHER/CLIMT MTEOR 206 3 CREDITS
5375005 1 WRF 11:10-3:00 HORNBUCKLE B
MEETS: AUG 20-DEC 14

SCI BALLOON ENGR&OP MTEOR 265 1 CREDIT
8103005 R 4:10-5:00 MEETS: AUG 20-DEC 14

METEOROLOGY (CONTINUED)

COOPERATIVE EDUCATN MTEOR 298 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
4810005 ARRANGED
MEETS: AUG 20-DEC 14

INTR SYNOPTIC MTEOR MTEOR 311 2 CREDITS
Prereq: 301
Note: Available for nonmajor graduate credit
5379005 1 M 11:00-11:50 FLORY D
T 2:10-4:00 FLORY D
F 11:00-11:50 FLORY D
MEETS: AUG 20-DEC 14
Section info: http://www.meteor.iastate.edu/classes/mt311/
Syllabus: http://www.meteor.iastate.edu/classes/mt311

MTEOROLOG INTERNSHIP MTEOR 321 1-2 CREDITS
Prereq: 311; JR OR SR STANDING; PERMISSION OF COOP PROGRAM COORD; ACCEPTANCE BY SPONSORING AGENCY
Satisfactory-Fail Only.
5381005 ARRANGED
MEETS: AUG 20-DEC 14

ATMOSP PHYSICS I MTEOR 341 3 CREDITS
Prereq: PHYS 222, CREDIT OR ENROLLMENT IN MATH 266
Note: Available for nonmajor graduate credit
5382005 MF 9:00-9:50 WU X
MEETS: AUG 20-DEC 14
Section info: http://www.meteor.iastate.edu/classes/mt341
Syllabus: http://www.meteor.iastate.edu/classes/mt341

COOPERATIVE EDUCATN MTEOR 398 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4823005 ARRANGED
MEETS: AUG 20-DEC 14

WATERSHED HYDROLOGY MTEOR 402 4 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING, JUNIOR STANDING
Note: Available for nonmajor graduate credit
3442005 1 MF 1:10-2:00 FRANZ K
R 3:10-4:00
MEETS: AUG 20-DEC 14

GLOBAL CHANGE MTEOR 404 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING, JUNIOR STANDING
Note: Available for nonmajor graduate credit
8141600 XW ARRANGED GUTOWSKI W
MEETS: AUG 20-DEC 14
Note: Section XW is off campus
Course delivery is WWW

WORLD CLIMATES MTEOR 406 3 CREDITS
Prereq: AGRON 206/MTEOR 206
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
5384005 MF 10:10-10:50 ARITT R
MEETS: AUG 20-DEC 14

SYNOPTIC METEOROLOGY MTEOR 411 3 CREDITS
Prereq: MTEOR 311, CREDIT OR ENROLLMENT IN 454
Note: Available for nonmajor graduate credit
5387005 W 11:00-11:50 GALLUS W
MF 4:10-4:50 GALLUS W
R 9:00-10:00 GALLUS W
MEETS: AUG 20-DEC 14
Section info: http://www.meteor.iastate.edu/classes/mt411
Syllabus: http://meteor.iastate.edu/classes/mt411 /outlinell.pdf

DYNAMIC METEOROL II MTEOR 454 3 CREDITS
Prereq: 443
Note: Available for nonmajor graduate credit
5386005 MF 3:10-4:00 GUTOWSKI W
MEETS: AUG 20-DEC 14
Section info: http://www.meteor.iastate.edu/classes/mt454/
Syllabus: http://www.meteor.iastate.edu/classes/mt454

IND STU 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 GALLUS W
MEETS: AUG 20-DEC 14

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 GUTOWSKI W
MEETS: AUG 20-DEC 14
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<td>MTEOR 590B</td>
<td>Spl Topcs Tropical</td>
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### Microbiology (continued)

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<td>MEDICAL MICROBIOLOGY MICRO 310</td>
<td>3 Credits</td>
<td>Prereq: 302 (OR 201 IF A B OR BETTER WAS OBTAINED)</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
<td>MWF 9:00-9:50</td>
<td>MEETS: AUG 20-DEC 14</td>
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<tr>
<td>MEDICL MICROBIO LAB MICRO 310L</td>
<td>1 Credit</td>
<td>Prereq: 201L OR 302L, CREDIT OR ENROLLMENT IN 310</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
<td>Note: Available for nonmajor graduate credit</td>
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<tr>
<td>MICROB GENETC&amp;GENOM MICRO 402</td>
<td>3 Credits</td>
<td>Prereq: 302, BIOL 313</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
<td>MWF 9:00-9:50</td>
<td>MEETS: AUG 20-DEC 14</td>
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<td>VIROLOGY MICRO 408</td>
<td>3 Credits</td>
<td>Prereq: BIOL 313 OR BBMB 301; RECOMMEND BIOL 314</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
<td>MWF 2:10-3:00</td>
<td>MEETS: AUG 20-DEC 14</td>
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<td>FOOD MICROBIOLOGY MICRO 420</td>
<td>3 Credits</td>
<td>Prereq: MICRO 201 OR MICRO 302</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
<td>MWF 10:00-10:50</td>
<td>MEETS: AUG 20-DEC 14</td>
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<tr>
<td>FOOD MICROBIOL LAB MICRO 421</td>
<td>3 Credits</td>
<td>Prereq: MICRO 201 OR MICRO 302; MICRO 201L OR MICRO 302L, CREDIT OR ENROLLMENT IN FS RN/MICRO 420</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
<td>1 MWF 2:10-4:00</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
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<td>LAB MICR PHYSL,DRVS MICRO 440</td>
<td>4 Credits</td>
<td>Prereq: 302, 302L, CHEM 332, BIOL 313L</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
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<tr>
<td>MICRO SENIOR SURVEY MICRO 451</td>
<td>R Credit</td>
<td>Prereq: JH OR JR STANDING IN MICROBIOLOGY</td>
<td><strong>Satisfactory-Fail Only.</strong></td>
<td>T 11:00-11:50</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
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<tr>
<td>PRINCIP OF MYCOLOGY MICRO 456</td>
<td>3 Credits</td>
<td>Prereq: 10 CREDITS IN BIOLOGICAL SCIENCES</td>
<td><strong>Satisfactory-Fail Only.</strong></td>
<td>1 MW 11:00-11:50</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
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<tr>
<td>SOILENVIR MICROBIO MICRO 485</td>
<td>3 Credits</td>
<td>Prereq: AGRON 154 OR AGRON402, MICRO 201 (MICRO 201L RECOMMENDED)</td>
<td><strong>Satisfactory-Fail Only.</strong></td>
<td>T 11:00-11:50</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
</tr>
<tr>
<td>INDEPENDENT STUDY MICRO 490</td>
<td>1-5 Credits</td>
<td>Prereq: A MINIMUM OF 6 CRH BODS OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, PERMISSION OF INSTRUCTOR</td>
<td><strong>Note:</strong> No more than 6 Credits of MICRO 490 May Be Used Toward the Total of 128 Credits Required for Graduation</td>
<td>1 TR 1:10-2:00</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
</tr>
<tr>
<td>HONORS INDEP STUDY MICRO 490H</td>
<td>1-5 Credits</td>
<td>Prereq: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM</td>
<td><strong>Note:</strong> No more than 6 Credits of MICRO 490 May Be Used Toward the Total of 128 Credits Required for Graduation, Restricted to Students in the University HONORS Program Only.</td>
<td>1 TR 1:10-2:00</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
</tr>
<tr>
<td>INTERNSHIP MICRO 495</td>
<td>1-2 Credits</td>
<td>Prereq: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
<td>9679005</td>
<td><strong>ARRANGED</strong></td>
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</table>

### Military Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Meeting Times</th>
<th>Instructor</th>
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<tr>
<td>INTRO MILITARY SCI M S 101</td>
<td>1 Credit</td>
<td><strong>Prereq:</strong> CONCURRENT ENROLLMENT IN M S 101L Required</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
<td>4993005</td>
<td>1 T 12:40-1:30</td>
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<td>4993010</td>
<td>2 W 10:00-10:50</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
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<tr>
<td>4993015</td>
<td>3 W 3:10-4:00</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
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</tr>
<tr>
<td>BASC LEADERSHIP LAB I M S 101L</td>
<td>1 Credit</td>
<td><strong>Prereq:</strong> CONCURRENT ENROLLMENT IN M S 101L Required</td>
<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
<td>4994005</td>
<td>1 W 4:10-5:30</td>
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<td><strong>MEETS:</strong> AUG 20-DEC 14</td>
<td></td>
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</tr>
</tbody>
</table>
MEETS: AUG 20-DEC 14
5443005     TR 4:10-6:00PM
Prereq: Audition, Permission of Instructor
Note: Additional expenses may apply
**Note: Instructor permission required 1st week.**
MEETS: AUG 20-DEC 14
5441005   1 MWF 12:10-1:00
Prereq: Audition, Permission of Instructor
Note: Additional expenses may apply
**Note: Instructor permission required 1st week.**
MEETS: AUG 20-DEC 14
5440005   1 MWF 11:00-11:50
Prereq: Audition, Permission of Instructor
**Note: Instructor permission required 1st week.**
MEETS: AUG 20-DEC 14
5439005   A MW 12:10-1:00
MEETS: AUG 20-DEC 14
5438005   B TR 10:00-10:50
Note: Instructor permission required 1st week.
MUSIC (CONTINUED)

SP PROB COMPOSITION MUSIC 290C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.

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.

SPL PROB APPLIED MUSIC MUSIC 290F VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR

SPECIAL PROB HONORS MUSIC 290H VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN UNIVERSITY HONORS PROGRAM
Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
Instructor permission required 1st week.

APPLIED MUSIC BRASS MUSIC 319G 1-3 CREDITS
Prereq: AUDITION, INSTRUCTOR PERMISSION, MUSIC MAJOR

APPLIED MUSIC WOODWIND MUSIC 319F 1-3 CREDITS
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR

APPLIED MUSIC CARILLON MUSIC 319E 1-3 CREDITS
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR

APPLIED MUSIC STRINGS MUSIC 319D 1-3 CREDITS
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR

APPLIED MUSIC ORGAN MUSIC 319C 1-3 CREDITS
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR

APPLIED MUSIC PIANO MUSIC 319B 1-3 CREDITS
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR

APPLIED MUSIC VOICE MUSIC 319A 1-3 CREDITS
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR

APPLIED MUSIC PERCUSSION MUSIC 319I 1-3 CREDITS
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR

APPLIED MUSIC BRASS MUSIC 318G 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC WOODWIND MUSIC 318F 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC ORGAN MUSIC 318C 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC PIANO MUSIC 318B 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC BRASS MUSIC 318G 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC ORGAN MUSIC 318C 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC PIANO MUSIC 318B 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC ORGAN MUSIC 318C 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC PIANO MUSIC 318B 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC BRASS MUSIC 318G 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC ORGAN MUSIC 318C 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC PIANO MUSIC 318B 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC BRASS MUSIC 318G 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC ORGAN MUSIC 318C 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC PIANO MUSIC 318B 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC BRASS MUSIC 318G 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS

APPLIED MUSIC ORGAN MUSIC 318C 1-2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS
**MUSIC**

**METHODS MUSIC EDUC**

**MUSIC 366**

2 CREDITS

Prereq: CONCURRENT ENROLLMENT (1 CR) IN 480K AND SP ED 401; 246 AND ADMISSION INTO TEACHER EDUCATION

Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

4596005

MEETS: AUG 20-DEC 14

**HISTORY OF MUSIC I**

**MUSIC 383**

3 CREDITS

Prereq: 12C; MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR

Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY. OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.

Meets international perspectives reqmt

5511005

MEETS: AUG 20-DEC 14

**LIT & PEDAGOGY VOICE**

**MUSIC 415A**

1- 4 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

*******

SEE DEPT FOR REFERENCE NUMBERS

**LIT & PEDAGOGY PIANO**

**MUSIC 415B**

1- 4 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

*******

SEE DEPT FOR REFERENCE NUMBERS

**LIT & PEDAGOGY ORGAN**

**MUSIC 415C**

1- 4 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

*******

SEE DEPT FOR REFERENCE NUMBERS

**LIT & PEDAG STRINGS**

**MUSIC 415D**

1- 4 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

*******

SEE DEPT FOR REFERENCE NUMBERS

**LIT & PEDAG WOODWIND**

**MUSIC 415F**

1- 4 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

*******

SEE DEPT FOR REFERENCE NUMBERS

**LIT & PEDAG BRASS**

**MUSIC 415G**

1- 4 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

*******

SEE DEPT FOR REFERENCE NUMBERS

**LIT & PEDAG PERCUSSN**

**MUSIC 415I**

1- 4 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

*******

SEE DEPT FOR REFERENCE NUMBERS

**LIT & PEDAG JAZZ PERF**

**MUSIC 415J**

1- 4 CREDITS

Prereq: PERMISSION OF INSTRUCTOR

*******

SEE DEPT FOR REFERENCE NUMBERS

**STUDNT TCH ELEM MUS**

**MUSIC 417R**

VAR. CREDITS

Student teacher

6710005

1 ARRANGED

MEETS: AUG 20-OCT 12

6741010

2 ARRANGED

MEETS: OCT 15-DEC 14

**STUDNT TCH SEC MUS**

**MUSIC 417S**

VAR. CREDITS

Student teacher

6690005

1 ARRANGED

MEETS: AUG 20-OCT 12

6690010

2 ARRANGED

MEETS: OCT 15-DEC 14

**APPLIED MUSIC VOICE**

**MUSIC 419A**

1- 3 CREDITS

Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY

*******

SEE DEPT FOR REFERENCE NUMBERS

**APPLIED MUSIC PIANO**

**MUSIC 419B**

1- 3 CREDITS

Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY

*******

SEE DEPT FOR REFERENCE NUMBERS

**APPLIED MUSIC ORGAN**

**MUSIC 419C**

1- 3 CREDITS

Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY

*******

SEE DEPT FOR REFERENCE NUMBERS

**APPLIED MUSIC STRINGS**

**MUSIC 419D**

1- 3 CREDITS

Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY

*******

SEE DEPT FOR REFERENCE NUMBERS

**APPLIED MUSIC CARILLON**

**MUSIC 419E**

1- 3 CREDITS

Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY

*******

SEE DEPT FOR REFERENCE NUMBERS

**APPLIED MUSIC WOODWIND**

**MUSIC 419F**

1- 3 CREDITS

Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY

*******

SEE DEPT FOR REFERENCE NUMBERS

**APPLIED MUSIC BRASS**

**MUSIC 419G**

1- 3 CREDITS

Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY

*******

SEE DEPT FOR REFERENCE NUMBERS

**APPLD MUSIC PERCUSS**

**MUSIC 419I**

1- 3 CREDITS

Prereq: AUDITION, INSTR PERMISN, MUSIC MAJORS ONLY

*******

SEE DEPT FOR REFERENCE NUMBERS

**JR/SRNER RECITAL**

**MUSIC 420**

1 R CREDIT

Prereq: ADVANCED PERFORMING ABILITY, PERMISSION OF INSTRUCTOR, CONCURRENT REGISTRATION IN 319 OR 419

Note: ADDITIONAL EXPENSES MAY APPLY

Satisfactory-Pass Only.

5584005

ARRANGED

MEETS: AUG 20-DEC 14

**ELEC MUSIC SYNTHESI**

**MUSIC 446**

3 CREDITS

Prereq: 246 OR PERMISSION OF INSTRUCTOR

Note: Available for nonmajor graduate credit

5524005

MEETS: AUG 20-OCT 12

**CHORAL MATERL&METHD**

**MUSIC 456**

2 CREDITS

Prereq: CONCURRENT ENROLLMENT IN 38A AND 141, 91, OR 161

5526005

MEETS: OCT 10-16:50

**PGM DEVAEVAL MUS ED**

**MUSIC 466**

2 CREDITS

Prereq: CONTINUATION EXAM PASSED, 362, 366, CONCURRENT REGISTRATION IN 319 OR 419

Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

5527005

A TR 10:00-10:50

MEETS: AUG 20-DEC 14

**ROMANTIC ERA MUSIC**

**MUSIC 475**

3 CREDITS

Prereq: 383, 384

Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.

5532005

MEETS: AUG 20-OCT 12

**FLD EXP TRACH MUSIC**

**MUSIC 480K**

.5- 2 CREDITS

7691005

1 ARRANGED

MEETS: AUG 20-DEC 14

Note: SEC 1 OFFERED FOR 1-2 CREDITS. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.

7691010

2 ARRANGED

MEETS: AUG 20-DEC 14

Note: SEC 2 OFFERED FOR .5 CREDIT

**INDEP STDY MUSIC ED**

**MUSIC 490A**

VAR. CREDITS

Prereq: COURSE OFFERED FOR 8 CREDITS FALL 2012.

Note: SEC 1 OFFERED FOR 1-2 CREDITS. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.

********

SEE DEPT FOR REFERENCE NUMBERS

**INDEP STDY THEORY**

**MUSIC 490B**

VAR. CREDITS

Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR

Note: Instructor permission required 1st week.

********

SEE DEPT FOR REFERENCE NUMBERS

**IND STU COMPOSITION**

**MUSIC 490C**

VAR. CREDITS

Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR

Note: Instructor permission required 1st week.

********

SEE DEPT FOR REFERENCE NUMBERS

**IND STU THEORY**

**MUSIC 490D**

VAR. CREDITS

Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR

Note: Instructor permission required 1st week.

********

SEE DEPT FOR REFERENCE NUMBERS

**INDEP STU LITERATURE**

**MUSIC 490E**

VAR. CREDITS

Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR

Note: Instructor permission required 1st week.

********

SEE DEPT FOR REFERENCE NUMBERS

**IND STU CONDUCTG**

**MUSIC 490G**

VAR. CREDITS

Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR

Note: Instructor permission required 1st week.

********

SEE DEPT FOR REFERENCE NUMBERS

**INDEP STU HONORS**

**MUSIC 490H**

VAR. CREDITS

Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM

Note: COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY

Instructor permission required 1st week.

********

SEE DEPT FOR REFERENCE NUMBERS
**MUSIC**

**IND STUDY ELECTRONIC MUSIC 490I VAR. CREDITS**
PreReq: Instructor Permission, 12 Credits in Music, Approval of Department Chair
Note: Instructor permission required 1st week.

*** SEE DEPT FOR REFERENCE NUMBERS

**SPECIAL TOPICS THEORY MUSIC 590B VAR. CREDITS**
PreReq: Permission of Instructor, Approval of Department Head
Note: Instructor permission required 1st week.

*** SEE DEPT FOR REFERENCE NUMBERS

**SPL TOPICS COMPOSIT MUSIC 590C VAR. CREDITS**
PreReq: Permission of Instructor, Approval of Department Head
Note: Instructor permission required 1st week.

*** SEE DEPT FOR REFERENCE NUMBERS

**SPECIAL TOPICS LIT MUSIC 590E VAR. CREDITS**
PreReq: Permission of Instructor, Approval of Department Head
Note: Instructor permission required 1st week.

*** SEE DEPT FOR REFERENCE NUMBERS

**SPL TOPC APPL MUSIC MUSIC 590F VAR. CREDITS**
PreReq: Permission of Instructor, Approval of Department Head
Note: Instructor permission required 1st week.

*** SEE DEPT FOR REFERENCE NUMBERS

**SPL TOP ELECTRNC MU MUSIC 590I VAR. CREDITS**
PreReq: Permission of Instructor, Approval of Department Head
Note: Instructor permission required 1st week.

*** SEE DEPT FOR REFERENCE NUMBERS

**NATURAL RESOURCE ECOLOGY AND MGMT**

**NAT RES RSC MGT NREM 315 3 CREDITS**
PreReq: BIOL 211 AND BIOL 212, AND NREM 301, AND A STAT COURSE Note: Available for nonmajor graduate credit

**NAT RES PHOTOGR & GIS NREM 345 3 CREDITS**
PreReq: JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit

**FIRE ECOLOGY & MGT NREM 390 3 CREDITS**
PreReq: Available for nonmajor graduate credit

**WATERSHED HYDROLOGY NREM 402 4 CREDITS**
PreReq: Four courses in physical or biologicalecol sciences or engineering; Junior Standing
Note: Available for nonmajor graduate credit

**ECOSYSTEM MANAGEMENT NREM 452 3 CREDITS**
PreReq: JR CLASSIFICATION, NREM 301 OR A ECL 312

**CONTR NAT RSC MGT NREM 460 3 CREDITS**
PreReq: 120, AND A ECL 312 OR NREM 301, AND MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: Available for nonmajor graduate credit

**INDEP STUDY FORESTRY NREM 490B 1-4 CREDITS**
PreReq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISSION

*** SEE DEPT FOR REFERENCE NUMBERS

**IND STUDY HONORS NREM 490H 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

*** SEE DEPT FOR REFERENCE NUMBERS

**COOPERATIVE EDUC NREM 498 1-3 CREDITS**
PreReq: Permission of department chair required.

**IND STUDY ELECTRONIC MUSIC 490I VAR. CREDITS**
PreReq: SOPHOMORE CLASSIFICATION
Satisfactory-Fail Only.

**FOREST ECOLOGY & SOILS NREM 301 4 CREDITS**
PreReq: BIOL 211, 212, OR A SECOND COURSE IN BIOLOGY
Note: Available for nonmajor graduate credit

**FOREST ECOLOGY & SOILS NREM 301 4 CREDITS**
PreReq: BIOL 211, 212, OR A SECOND COURSE IN BIOLOGY
Note: Available for nonmajor graduate credit

**INTERNSHIP NREM 303 1-3 CREDITS**
PreReq: Permission of Instructor, Sophomores Only

*** SEE DEPT FOR REFERENCE NUMBERS

**SEMINAR NREM 305 1-3 CREDITS**
PreReq: Permission of Instructor

**IND STUDY ELECTRONIC MUSIC 490I VAR. CREDITS**
PreReq: SOPHOMORE CLASSIFICATION
Satisfactory-Fail Only.

**SEMINAR NREM 305 1-3 CREDITS**
PreReq: Permission of Instructor

**SEMINAR NREM 305 1-3 CREDITS**
PreReq:Permission of Instructor

**SEMINAR NREM 305 1-3 CREDITS**
PreReq:Permission of Instructor
NEUROSCIENCE

NEUROSCI JOURNAL CLB NEURO 690 1 CREDIT
Prereq: 556
8554005 ARRANGED
MEETS: AUG 20-DEC 14

NEUROSCIENCE SEMINR NEURO 696 1 CREDIT
Pre req: 556
8555005 ARRANGED
MEETS: AUG 20-DEC 14

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

NUCLEAR ENGINEERING

NUCL RAD THRY&ENGR NUC E 401 3 CREDITS
Prereq: PHYS 222, MATH 266 or 267
Note: Available for nonmajor graduate credit
7741005 A MF 10:00-10:50
MEETS: AUG 20-DEC 14

7741600 XE ARRANGED
MEETS: AUG 20-DEC 14
Note: Live viewing available MF 10:00-10:50 AM or
students have the option to view lectures at a later
time. Section XE is off campus.
Course delivery is Video streaming

INDEPENDENT STUDY NUC E 490 1-3 CREDITS
Prereq: JUNIOR CLASSIFICATION

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

NUTRITIONAL SCIENCES

NUTRI BIOCHEM&PHYSiol NUTRS 501 4 CREDITS
Pre req: CREDIT OR ENROLLMENT IN BBMB 404 OR BBMB 420
Note: CREDIT FOR EITHER DIET 558 OR NUTRS 501,
but NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
8646005 1 TR 10:00-10:50
MEETS: AUG 20-DEC 14

FOOD TOXICOLOGY NUTRS 519 3 CREDITS
Pre req: A COURSE IN BIOCHEMISTRY
Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR
FS HN/TOX/NUTRS 519, BUT NOT BOTH, MAY BE APPLIED
TOWARD GRADUATION
8654005 TR 8:00-9:15
MEETS: AUG 20-DEC 14

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT
Pre req: GRADUATE CLASSIFICATION
Satisfactory-Fail Only
8628005 1 TR 1:10-2:00
TR 2:10-4:00
MEETS: AUG 21-SEPT 20

INTRO CELL TECHNIQS NUTRS 542C 1 CREDIT
Pre req: GRADUATE CLASSIFICATION
Satisfactory-Fail Only
8633005 1 TR 1:10-2:00
TR 2:10-4:00
MEETS: OCT 30-DEC 6

INTR PROTEOMCS TCNQ NUTRS 542E 1 CREDIT
Pre req: GRADUATE CLASSIFICATION
Satisfactory-Fail Only
8645005 1 TR 1:10-2:00
TR 2:10-4:00
MEETS: SEPT 25-OCT 25

ADV VERTB PHYSIOL I NUTRS 549 4 CREDITS
Pre req: BIOL 335, CREDIT OR ENROLLMENT IN
BBMB 404 OR BBMB 420
3819005 TR 8:00-9:50
MEETS: AUG 20-DEC 14

MED NUTRIT&DISEASE 1 NUTRS 561 4 CREDITS
Pre req: FS HN 265 OR FS HN 360; FS HN 366
Recommended
8581005 1 TR 10:00-11:50
MEETS: AUG 20-DEC 14

COMMUNITY NUTRITION NUTRS 563 3 CREDITS
Pre req: FS HN 265 OR FS HN 360; FS HN 366
Recommended
7794005 1 TR 12:40-2:00
MEETS: AUG 20-DEC 14

ADV NUTRI--PROTEIN NUTRS 619 2 CREDITS
Pre req: BBMB 405
Note: Instructor permission required 1st week.
5596005 ARRANGED
MEETS: AUG 20-DEC 14
## NUTRITIONAL SCIENCES

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>7814005</td>
<td>MODERN VIEWS NUTRIT NUTRS 680</td>
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<tr>
<td>6201005</td>
<td>SPECIAL PROBLEMS NUTRS 690</td>
<td>VAR.</td>
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<td>7544005</td>
<td>RESRCH NUTRITIONL SCI NUTRS 699</td>
<td>VAR.</td>
<td>CREDIT</td>
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## ORGANIZATION FOR TROPICAL STUDIES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>7535005</td>
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<tr>
<td>7544005</td>
<td>TOPICS TROPICAL BIOL OTS 515</td>
<td>1-8</td>
<td>CREDIT</td>
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## PERFORMING ARTS

<table>
<thead>
<tr>
<th>Course Code</th>
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<tr>
<td>3706005</td>
<td>PERFORM ARTS SEMINAR PERF 401</td>
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## PHILOSOPHY

### INTRO TO PHILOSOPHY PHIL 201

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PHYSICS FOR LIFE SCI PHYS 115 4 CREDITS 9212005 1 MF 11:00-12:50 AM MEETS: AUG 20-DEC 14 9212010 2 MF 12:10-1:00 PM MEETS: AUG 20-DEC 14 9212015 3 MF 12:10-1:00 PM MEETS: AUG 20-DEC 14 9212020 4 MF 1:10-2:00 PM MEETS: AUG 20-DEC 14 9212023 6 MF 12:10-1:00 PM R 3:10-4:00 PM MEETS: AUG 20-DEC 14 9212025 A T 8:00-9:50 AM MEETS: AUG 20-DEC 14 9212030 B T 10:00-11:50 AM MEETS: AUG 20-DEC 14 9212035 C T 12:10-2:00 PM MEETS: AUG 20-DEC 14 9212040 D T 2:10-4:00 PM MEETS: AUG 20-DEC 14 9212045 E W 10:00-11:50 AM MEETS: AUG 20-DEC 14 9212050 F W 2:10-4:00 PM MEETS: AUG 20-DEC 14 9212055 G T 4:10-6:00 PM MEETS: AUG 20-DEC 14
### PHYSICS

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Note: DO NOT ENROLL IN A THURSDAY DISCUSSION (ON SEC 1-29) THAT MEETS AT THE SAME TIME AS THIS LAB
5861350 GG R 12:10-2:00
MEETS: AUG 20-DEC 14
Note: DO NOT ENROLL IN A THURSDAY DISCUSSION (ON SEC 1-29) THAT MEETS AT THE SAME TIME AS THIS LAB
5861355 HH R 2:10-4:00
MEETS: AUG 20-DEC 14
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5861360 KK W 10:00-11:50
MEETS: AUG 20-DEC 14
5861365 LL T 7:00-8:50PM
MEETS: AUG 20-DEC 14
Note: SEC LW ONLY FOR STUDENTS RETAKING PHYS 221 WHO SUCCESSFULLY COMPLETED THE LAB. APPLY FOR A LAB WAIVER DURING FIRST WEEK OF CLASSES. LAB WAIVER FORM AVAILABLE ON BLACKBOARD BEGINNING THE FIRST WEEK OF CLASSES.

HONORS-CLASSIC PH I  PHYS 221H  5 CREDITS
Prereq: CR OR ENROLLMENT IN MATH 166, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Night exams scheduled. For dates go to:
5862005 1 MWF 10:00-10:50
TR 12:10-1:00
W 12:10-2:00
MEETS: AUG 20-DEC 14
Note: PHYS 221H IS NOT A 2-PART COURSE - REGISTRATION IS COMPLETE WITH ENROLLMENT IN SECTION 1. THE THURSDAY DISCUSSION MEETS ALTERNATE WEEKS. LAB DOES NOT MEET EVERY WEEK.

INTR CLASSCL PHYS II  PHYS 222  5 CREDITS
Prereq: 221, MATH 166
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS WILL BE DROPPED. STUDENTS WHO TOOK PHYS 222 IN Spring 2012 MUST REGISTER FOR
LAB SECTION LW.
Night exams scheduled. For dates go to:
5863005 1 MWF 1:10-2:00
T 8:00-8:50
MEETS: AUG 20-DEC 14
5863010 2 MWF 1:10-2:00
T 9:00-9:50
MEETS: AUG 20-DEC 14
5863015 3 MWF 1:10-2:00
T 10:00-10:50
MEETS: AUG 20-DEC 14
5863020 4 MWF 1:10-2:00
T 11:00-11:50
MEETS: AUG 20-DEC 14
5863025 5 MWF 1:10-2:00
T 12:10-1:00
MEETS: AUG 20-DEC 14
5863030 6 MWF 1:10-2:00
T 10:00-11:50
MEETS: AUG 20-DEC 14
5863035 7 MWF 1:10-2:00
T 2:10-3:00
MEETS: AUG 20-DEC 14
5863040 8 MWF 1:10-2:00
T 3:10-4:00
MEETS: AUG 20-DEC 14
5863045 9 MWF 1:10-2:00
T 4:10-5:00
MEETS: AUG 20-DEC 14
5863065 10 MWF 1:10-2:00
T 11:00-11:50
MEETS: AUG 20-DEC 14
Note: SECTION 10 RESTRICTED TO PHYSICS MAJORS ONLY
5863055 11 MWF 1:10-2:00
W 7:00-7:50PM
MEETS: AUG 20-DEC 14
5863090 15 MWF 2:10-3:00
T 8:00-9:00
MEETS: AUG 20-DEC 14
5863095 16 MWF 2:10-3:00
T 9:00-9:50
MEETS: AUG 20-DEC 14
5863100 17 MWF 2:10-3:00
T 10:00-10:50
MEETS: AUG 20-DEC 14
5863105 18 MWF 2:10-3:00
T 11:00-11:50
MEETS: AUG 20-DEC 14
5863118 19 MWF 2:10-3:00
T 12:10-1:00
MEETS: AUG 20-DEC 14
5863110 20 MWF 2:10-3:00
T 13:10-1:00
MEETS: AUG 20-DEC 14

Note: SECTION 10 RESTRICTED TO PHYSICS MAJORS ONLY
PHYSICS (CONTINUED)

5863345 G F 12:10-2:00 MEETS: AUG 20-DEC 14
5863350 J T 8:00-9:50 MEETS: AUG 20-DEC 14
5863320 LW ARRANGED MEETS: AUG 20-DEC 14
Note: SEC LW ONLY FOR STUDENTS RETAKING PHYS 222 WHO SUCCESSFULLY COMPLETED THE LAB. APPLY FOR LAB WAIVER DURING FIRST WEEK OF CLASSES. LAB WAIVER FORM AVAILABLE ON BLACKBOARD BEGINNING THE FIRST WEEK OF CLASSES.

HONORS-CLASS PHYS II PHYS 222H 5 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 166 OR 166H; MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM.

Night exams scheduled. For dates go to http://www.registrar.iastate.edu/exams/nitexam.html.

PHYSICS (CONTINUED)

5864005 1 MWF 1:10-2:00 T 11:00-11:50 MEETS: AUG 20-DEC 14
5864010 2 MWF 1:10-2:00 T 11:00-11:50 MEETS: AUG 20-DEC 14
5864025 A W 10:00-11:50 MEETS: AUG 20-DEC 14
5864030 B R 2:10-4:00 MEETS: AUG 20-DEC 14

PRIN SYMME CLS PH I PHYS 241 6 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 166 OR 166H; NON-PHYSICS MAJORS MUST HAVE INSTRUCTOR PERMISSION
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
COURSE FOR PHYS MAJORS AND OTHER STUDENTS WHO NEED A STRONG PHYSICS FOUNDATION.

5994005 1 MWF 1:10-2:00 TR 11:00-11:50 MEETS: AUG 20-DEC 14
5994010 2 MWF 1:10-2:00 TR 11:00-11:50 MEETS: AUG 20-DEC 14
5994025 3 MWF 1:10-2:00 TR 11:00-11:50 MEETS: AUG 20-DEC 14
5994020 B F 10:00-11:50 MEETS: AUG 20-DEC 14
5994030 C F 2:10-4:00 MEETS: AUG 20-DEC 14

PRIN SYMME CLS PH I PHYS 241H 5 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 166 OR 166H; NON-PHYSICS MAJORS MUST HAVE INSTRUCTOR PERMISSION;
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
COURSE RESTRICTED TO STUDENTS WHO ARE MEMBERS OF THE UNIVERSITY HONORS PROGRAM.

9402005 1 MWF 1:10-2:00 TR 11:00-11:50 MEETS: AUG 20-DEC 14
9402010 2 MWF 1:10-2:00 TR 11:00-11:50 MEETS: AUG 20-DEC 14
9402025 3 MWF 1:10-2:00 TR 1:00-2:00 MEETS: AUG 20-DEC 14
9402015 A R 4:10-6:00PM MEETS: AUG 20-DEC 14
9402020 B F 10:00-11:50 MEETS: AUG 20-DEC 14
9402030 C F 2:10-4:00 MEETS: AUG 20-DEC 14

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

5890005 1 MWF 1:10-2:00 MEETS: AUG 20-DEC 14

INDEP STUDY HONORS PHYS 490H 1-4 CREDITS
Prereq: 6 CREDITS IN PHYS, PERMISSION OF INSTRUCTOR;
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE APPLIED TOWARD GRADUATION.
RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM.
****** SEE DEPT FOR REFERENCE NUMBERS

Note: Available for nonmajor graduate credit

PHYSICS (CONTINUED)

ORAL COMM PHYS SEMN  PHYS 501  1 CREDIT
Satisfactory-Fail Only.
7408005  A TR 1:10-2:00
MEETS: AUG 20-DEC 14
7408010  B TR 2:10-3:00
MEETS: AUG 20-DEC 14
INTRO RESARCH SEMN  PHYS 502  R CREDIT
Satisfactory-Fail Only.
2189005  R 1:10-3:00
MEETS: AUG 20-DEC 14
CONDENSED MATTER II PHYS 512  3 CREDITS
Prereq: 511
5897005  M 9:30-10:50
MEETS: AUG 20-DEC 14
ULTRAFAST LASER & SPECT PHYS 521  3 CREDITS
Prereq: 321, 365, or equivalent with permission
of Instructor
9358005  MWF 2:10-3:00
MEETS: AUG 20-DEC 14
GROUP THEORY APPL PHYS 534  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 481
5098005  TR 12:40-2:00
MEETS: AUG 20-DEC 14
SEMICONDCTR PHYSICS PHYS 535  4 CREDITS
Prereq: E 311, E 332
5903005  A MT 6:10-7:30PM
ARRANGED
MEETS: AUG 20-DEC 14
GENERAL RELATIVITY PHYS 541  3 CREDITS
Prereq: 362, MATH 307 OR 317
5906005  MWF 10:00-10:50
MEETS: AUG 20-DEC 14
ADV ELECT & MAGNET I PHYS 571  3 CREDITS
Prereq: 365, MATH 426
5908005  MWF 11:00-11:50
MEETS: AUG 20-DEC 14
SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5910005  ARRANGED
MEETS: AUG 20-DEC 14
SPL TOP COND MATTER PHYS 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5911005  1 MW 9:00-9:50
MEETS: AUG 20-DEC 14
Note: SEC 1 OFFERED FOR 3 CREDITS
5911010  2 ARRANGED
MEETS: AUG 20-DEC 14
Note: SEC 2 OFFERED FOR 1 CREDIT. TOPIC: MODERN
SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5912005  ARRANGED
MEETS: AUG 20-DEC 14
SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5913005  ARRANGED
MEETS: AUG 20-DEC 14
SPL TOPICS APPL PHYS PHYS 590E VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5914005  ARRANGED
MEETS: AUG 20-DEC 14
QUANTUM PHYSICS I PHYS 591  4 CREDITS
Prereq: 481
5915005  1 MF 10:00-10:50
W 9:00-10:50
MEETS: AUG 20-DEC 14
CREATIVE COMPONENT PHYS 599 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*******
SEE DEPT FOR REFERENCE NUMBERS
PH STRONG INTERACTN PHYS 625  3 CREDITS
Prereq: 681
3150005  ARRANGED
MEETS: AUG 20-DEC 14
Satisfactory-Fail Only.
ELEM PARTICLE PH II PHYS 638  3 CREDITS
Prereq: 637
5922005  ARRANGED
MEETS: AUG 20-DEC 14
ADV SEMINAR NUCLEAR PHYS 650A  1 CREDIT
Satisfactory-Fail Only.
5923005  W 4:10-5:00
MEETS: AUG 20-DEC 14
ADV SEM COND MATTER PHYS 650B  1 CREDIT
Satisfactory-Fail Only.
5924005  R 4:10-5:00
MEETS: AUG 20-DEC 14
ADV SEM HIGH ENERGY PHYS 650C  1 CREDIT
Satisfactory-Fail Only.
5925005  W 4:10-5:00
MEETS: AUG 20-DEC 14
ADV SEMINAR PHYSICS PHYS 650D  1 CREDIT
Satisfactory-Fail Only.
5926005  F 12:10-1:00
MEETS: AUG 20-DEC 14
ADV SEMINAR APPLIED PHYS 650E  1 CREDIT
Satisfactory-Fail Only.
5927005  ARRANGED
MEETS: AUG 20-DEC 14
ADV TOPICS NUCLEAR PHYS 660A  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5928005  ARRANGED
MEETS: AUG 20-DEC 14
ADV TOP COND MATTER PHYS 660B  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5929005  ARRANGED
MEETS: AUG 20-DEC 14
ADV TOP HIGH ENERGY PHYS 660C  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5930005  ARRANGED
MEETS: AUG 20-DEC 14
ADV TOPICS PHYSICS PHYS 660D  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5931005  ARRANGED
MEETS: AUG 20-DEC 14
ADV TOPICS APPLIED PHYS 660E  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5932005  ARRANGED
MEETS: AUG 20-DEC 14
QUANTUM FLD THEOR I PHYS 681  3 CREDITS
Prereq: 572, 573
5935005  TR 11:00-12:30
MEETS: AUG 20-DEC 14
RESEARCH PHYS 699 VAR. CREDITS
Satisfactory-Fail Only.
8855005  ARRANGED
MEETS: AUG 20-DEC 14
PLANT BIOLOGY
PLANT METABOLISM PLBIO 513  2 CREDITS
Prereq: BIOL 330, PHYS 111, CHEM 331; ONE
SEMESTER OF BIOCHEMISTRY RECOMMENDED
6806005  1 TR 12:10-1:30
MEETS: AUG 20-DEC 14
PLANT MOLECULR BIOL PLBIO 545  3 CREDITS
Prereq: BIOL 314, 330
6807005  TR 9:30-10:50
MEETS: AUG 20-DEC 14
RESEARCH SEMINAR PLBIO 696  1 CREDIT
Satisfactory-Fail Only.
8828005  W 4:10-5:30
MEETS: AUG 20-DEC 14
RESEARCH PLBIO 699 VAR. CREDITS
Note: Instructor permission required 1st week.
*******
SEE DEPT FOR REFERENCE NUMBERS
PLANT PATHOLOGY
PRACTL PLANT HEALTH PLP 391  2 CREDITS
Prereq: 6 CREDITS IN BIOLOGICAL SCIENCES
6812005  MN 12:10-2:00
MEETS: AUG 20-DEC 14
PRIN OF PLANT PATH PLP 408  3 CREDITS
Prereq: 6 CREDITS IN LIFE SCIENCES, INCLUDING
PLP 211
3898005  1 TR 11:00-11:50
R 12:10-1:00
MEETS: AUG 20-DEC 14
3898010  2 TR 11:00-11:50
R 12:10-1:00
MEETS: AUG 20-DEC 14
POLITICAL SCIENCE (CONTINUED)

AMER INSTI: PRESIDENT POL S 361 3 CREDITS
Prereq: 215
5981005 1A R 6:00-9:00PM MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO POL S MAJORS ONLY
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.

AMER INSTITI: MEDIA POL S 363 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
5809005 1A MW 12:10-1:00 MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO POL S MAJORS ONLY
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.

INTR PUBLIC ADMINIST POL S 371 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
5982005 1 TR 12:40-2:00 MEETS: AUG 20-DEC 14
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.

WOMEN IN POLITICS POL S 385 3 CREDITS
Note: Meets U.S. diversity reqmt
5983005 1A MW 10:00-10:50 MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO POL S MAJORS ONLY
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.

ADV WRITING POL SCI POL S 395 R CREDIT
Satisfactory-Fail Only.

INTERGOVNTL RELATS POL S 413 3 CREDITS
Prereq: 6 CREDITS IN AMERICAN GOVERNMENT
Note: Available for nonmajor graduate credit
5987005 W 6:00-9:00PM MEETS: AUG 20-DEC 14
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.

CONSTITUTIONAL LAW POL S 420 3 CREDITS
Prereq: 215; JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
5988005 1A MW 10:00-10:50 MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO POL S JUNIORS AND SENIORS
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.

FND WST POL THOUGHT POL S 430 3 CREDITS
Prereq: 6 CR IN POL S, PHIL, OR EUROPEAN HIST
Note: Available for nonmajor graduate credit
5992005 MW 9:00-9:50 MEETS: AUG 20-DEC 14

INT'L ORGANIZATIONS POL S 453 3 CREDITS
Prereq: 251
6001005 1A MW 10:10-11:00 MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO POL S MAJORS ONLY
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.

GOVT, BUSINESS&SOCIE POL S 477 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
9288005 R 6:10-9:00PM MEETS: AUG 20-DEC 14
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.

POL SCI INTERNSHIP POL S 499 3 CREDITS
Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR
Note: USE OF POL S 499 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS. Instructor permission required 1st week.

Instructor permission required 1st week.

POLITICAL SCIENCE (CONTINUED)

IND STU AMER GOVT POL S 490A VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS. Instructor permission required 1st week.

IND STU HRMTHED POL S 490B VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS. Instructor permission required 1st week.

IND STU 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.

IND STU 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.

IND STU 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.

IND STU 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.

INDEP STUDY HONORS POL S 490H VAR. CREDITS
Prereq: 6 CR IN POL S; MEMBERSHIP IN HONORS PROG
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS. Instructor permission required 1st week.

COOPERATIVE EDUCAT POL S 498 R CREDIT
Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4568005 1 ARRANGED MEETS: AUG 20-DEC 14
Note: Permission of coordinator required.
ACAD LEARNING SKILLS  PSYCH 131  1 CREDIT
Prereq: Instructor permission required 1st week.
Note: Satisfactory-Fail Only.
6071030  AP TR 2:10-3:00
MEETS: AUG 20-DEC 14
Section info: http://www.dso.iastate.edu/asc/psych131/

LAB INTRODUCE PSYCH  PSYCH 102  1 CREDIT
Prereq: CR OR ENROLLMENT IN 101
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY
4786005  A T 3:10-4:50
MEETS: AUG 20-DEC 14
4786010  B W 8:00-9:10
MEETS: AUG 20-DEC 14
4786015  C T 1:10-2:50
MEETS: AUG 20-DEC 14
4786020  D R 1:10-2:50
MEETS: AUG 20-DEC 14
4786025  E R 3:10-4:50
MEETS: AUG 20-DEC 14

ACCOUNTING  PSYCH 111  .5 CREDIT
Prereq: PARTICIPATION IN FRESHMAN LEARNING COMMUNITY
Satisfactory-Fail Only.
9388005  A T 2:10-3:00
MEETS: AUG 20-DEC 14
Course delivery is WWW

MEETS: AUG 20-DEC 14
6072600  XW ARRANGED

MEETS: AUG 20-DEC 14

Night exams scheduled. For dates go to
DEVELOPMENTAL PSYCH   PSYCH 230       3 CREDITS
Section info: http://www.dso.iastate.edu/asc/psych131/
6809030   6 R 10:00-11:50
MEETS: AUG 20-DEC 14

MEETS: AUG 20-DEC 14
6809025  5 ARRANGED

MEETS: AUG 20-DEC 14

Note: Section XW is off campus
Course delivery is WWW

INTRO RESRCH EXPNCR PSYCH 291 1-4 CREDITS
Frereq: 101; SOPHOMORE CLASSIFICATION;
Satisfactory-Fail Only.

****** SEE DEPT FOR REFERENCE NUMBERS

RES DSGN & METHODOL PSYCH 301 3 CREDITS
Frereq: STAT 101; 1 COURSE IN PSYCHOLOGY

MEETS: AUG 20-DEC 14

Note: Course RESTRICTED TO PSYCH MAJORS. PSYCH MINORS
ARE ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD
SLIP SIGNED IN W022 LACOMARINO HALL

MEETS: AUG 20-DEC 14
6071095  AU TR 11:00-11:50
Instructor permission required.

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

Note: THE REQUIRED SIGNATURE CAN BE OBTAINED AT THE

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

MEETS: AUG 20-DEC 14
6071090  AT R 9:00-10:50
MEETS: AUG 20-DEC 14
6071085  AR TR 2:10-3:00
Instructor permission required.

Note: INSTRUCTOR PERMISSION REQUIRED.

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

MEETS: AUG 20-DEC 14
6071095  AU TR 11:00-11:50
Instructor permission required.

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

MEETS: AUG 20-DEC 14
6071090  AT R 9:00-10:50
MEETS: AUG 20-DEC 14
6071085  AR TR 2:10-3:00
Instructor permission required.

Note: THE REQUIRED SIGNATURE CAN BE OBTAINED AT THE

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

ACAD LEARNING SKILLS PSYCH 131I 1 CREDIT
MEETS: AUG 20-DEC 14

MEETS: OCT 15-DEC 14
60711250  CA MW 9:00-10:50
Note: INSTRUCTOR PERMISSION REQUIRED.

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

Note: THE REQUIRED SIGNATURE CAN BE OBTAINED AT THE

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

MEETS: AUG 20-DEC 14
60711250  CA MW 9:00-10:50
Note: INSTRUCTOR PERMISSION REQUIRED.

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

Note: THE REQUIRED SIGNATURE CAN BE OBTAINED AT THE

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

MEETS: AUG 20-DEC 14
60711250  CA MW 9:00-10:50
Note: INSTRUCTOR PERMISSION REQUIRED.

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

Note: THE REQUIRED SIGNATURE CAN BE OBTAINED AT THE

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

MEETS: AUG 20-DEC 14
60711250  CA MW 9:00-10:50
Note: INSTRUCTOR PERMISSION REQUIRED.

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

Note: THE REQUIRED SIGNATURE CAN BE OBTAINED AT THE

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

MEETS: AUG 20-DEC 14
60711250  CA MW 9:00-10:50
Note: INSTRUCTOR PERMISSION REQUIRED.

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

Note: THE REQUIRED SIGNATURE CAN BE OBTAINED AT THE

SERVICES BLDG
MULTICULTURAL STUDENT AFFAIRS OFFICE, 2080 STUDENT

MEETS: AUG 20-DEC 14
60711250  CA MW 9:00-10:50
Note: INSTRUCTOR PERMISSION REQUIRED.
EDUCATIONAL PSYCHOL  PSYCH 333  3 CREDITS  
Prereq: PSYCH 230 OR HD FS 102, MAJOR IN PSYCH  
OR APPLICATION TO THE TEACHER EDUCATION PROGRAM  
Note: FOR PSYCHOLOGY AND SECONDARY EDUCATION MAJORS ONLY  
4361005  1 MWF 1:10-2:00  MEETS: AUG 20-DEC 14  
4299005  A1 TR 9:30-10:45  MEETS: AUG 20-DEC 14  
Note: SECTION A1 RESTRICTED TO PSYCH MAJORS ONLY  
4299010  A2 TR 9:30-10:45  MEETS: AUG 20-DEC 14  
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN PSYCH  
ABNORM P CHILD&ADOL  PSYCH 335X  3 CREDITS  
Prereq: PSYCH 101 OR PSYCH 230 OR HD FS 102  
2844005  1 T 9:00-10:10  MEETS: AUG 20-DEC 14  
2844010  2 T 11:00-12:10  MEETS: AUG 20-DEC 14  
2844015  3 R 9:00-10:10  MEETS: AUG 20-DEC 14  
Note: PERMISSION FROM THE TEACHER EDUCATION PROGRAM  
PSYCH MEASUREMENT I  PSYCH 440  3 CREDITS  
Prereq: PSYCH 301 AND 9 CREDITS IN PSYCHOLOGY,  
PSYCH 101  
Note: COURSE RESTRICTED TO MAJORS ONLY  
Available for nonmajor graduate credit  
6099005  A  M 12:10-2:00  ARMSTRONG P  
F 8:00-9:50  MEETS: AUG 20-DEC 14  
6099010  B  M 12:10-2:00  ARMSTRONG P  
W 12:10-2:00  MEETS: AUG 20-DEC 14  
6099015  C  M 12:10-2:00  ARMSTRONG P  
MEETS: AUG 20-DEC 14  
6099020  D  M 12:10-2:00  ARMSTRONG P  
W 11:00-1:00  MEETS: AUG 20-DEC 14  
ABNORMAL PSYCHOLOGY  PSYCH 460  3 CREDITS  
Prereq: 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH  
101  
Note: SECTIONS A1, B1 RESTRICTED TO PSYCH MAJORS ONLY.  
SECTIONS A2, B2 RESTRICTED TO MAJORS OTHER THAN PSYCH.  
6102005  A1 MWF 11:00-11:50  SCOTT N  
MEETS: AUG 20-DEC 14  
6102010  A2 MWF 11:00-11:50  SCOTT N  
MEETS: AUG 20-DEC 14  
6102015  B1 TR 9:30-10:45  KONAR A  
MEETS: AUG 20-DEC 14  
6102020  B2 TR 9:30-10:45  KONAR A  
MEETS: AUG 20-DEC 14  
HEALTH PSYCHOLOGY  PSYCH 485  3 CREDITS  
Prereq: JUNIOR CLASSIFICATION, 6 CREDITS IN PSYCH  
5697005  A1 TR 3:40-5:00  GUILL M  
MEETS: AUG 20-DEC 14  
5697010  A2 TR 3:40-5:00  GUILL M  
MEETS: AUG 20-DEC 14  
INDEPENDENT STUDY  PSYCH 490  1–3 CREDITS  
Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSION  
NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY.  
*******  SEE DEPT FOR REFERENCE NUMBERS  
RESEARCH PRACTICUM  PSYCH 491 VAR. CREDITS  
Prereq: JR CLASSIFICATION, INSTR PERMISSION,  
CREDIT OR ENROLLMENT IN 101  
NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY.  
*******  SEE DEPT FOR REFERENCE NUMBERS  
LAB CONSULTATION  PSYCH 422L  1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 422,  
MAJOR OR MINOR IN PSYCHOLOGY  
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
5697005  A1 TR 9:00-10:45  KELLY J  
MEETS: AUG 20-DEC 14  
5697010  A2 TR 9:00-10:45  KELLY J  
MEETS: AUG 20-DEC 14  
ADVANCED COGNITION  PSYCH 516  3 CREDITS  
Prereq: PSYCH 316  
Note: NO MORE THAN 9 CREDITS OF PSYCH 516 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY.  
*******  SEE DEPT FOR REFERENCE NUMBERS  
COGNI PSY HUMN&CPTR  PSYCH 521  3 CREDITS  
Prereq: PSYCH 316  
Note: NO MORE THAN 9 CREDITS OF PSYCH 521 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY.  
*******  SEE DEPT FOR REFERENCE NUMBERS  
FOUND BEHAVRL RSCH  PSYCH 501  3 CREDITS  
Prereq: STAT 401 OR EQUIVALENT  
9277005  MWF 11:00-11:50  MEETS: AUG 20-DEC 14  
ADVANCED COGNITION  PSYCH 516  3 CREDITS  
Prereq: PSYCH 316  
Note: NO MORE THAN 9 CREDITS OF PSYCH 516 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY.  
*******  SEE DEPT FOR REFERENCE NUMBERS  
EDUC PSYCH LEARNNG  PSYCH 533  3 CREDITS  
Prereq: C I 333 OR TEACHER LICENSURE  
6115005  W 3:10-6:00PM  DARK V  
MEETS: AUG 20-DEC 14  
APP PSY MEASUREMENT  PSYCH 542  3 CREDITS  
Prereq: PSYCH 440  
6122005  F 9:00-11:50  MEETS: AUG 20-DEC 14  
ADV SOCIAL PSYCHOL  PSYCH 580  3 CREDITS  
Prereq: 4 COURSES IN PSYCHOLOGY, INCLUDING PSYCH  
6131005  TR 2:10-3:30  ANDERSON C  
MEETS: AUG 20-DEC 14
RELIGIOUS STUDIES

INTRO WRD RELIGION RELIG 205 3 CREDITS
Note: Meets international perspectives reqmt
6109005 A TR 12:40-1:45
       MEETS: AUG 20-DEC 14
6109010 B TR 2:10-3:15
       MEETS: AUG 20-DEC 14
6109015 C MWF 12:10-1:00
       MEETS: AUG 20-DEC 14
       NORTHEY E
6109020 D MWF 8:00-8:50
       MEETS: AUG 20-DEC 14
       ESLINGER B
6109025 E MWF 3:10-4:00
       MEETS: AUG 20-DEC 14
       NORTHEY E
6109030 F TR 11:00-12:20
       MEETS: AUG 20-DEC 14
       CHASE C
6109035 G TR 12:40-2:00
       MEETS: AUG 20-DEC 14
6109040 J TR 9:30-10:50
       MEETS: AUG 20-DEC 14
       CHILCOTT T
6109045 K TR 12:40-1:55
       MEETS: AUG 20-DEC 14

RELIGION IN AMERICA RELIG 210 3 CREDITS
Note: Meets U.S. diversity reqmt
6188005 A TR 12:40-1:55
       MEETS: AUG 20-DEC 14
       BADO-FRALICK N
6188010 B TR 2:10-3:25
       MEETS: AUG 20-DEC 14
       BADO-FRALICK N
6188015 C MWF 10:00-10:50
       MEETS: AUG 20-DEC 14
       CHASE C
6188020 D MWF 12:10-1:00
       MEETS: AUG 20-DEC 14
       ESLINGER B
6188025 E TR 9:10-10:25
       MEETS: AUG 20-DEC 14

INTRO TO THE BIBLE RELIG 220 3 CREDITS
Note: Instructor permission required 1st week.
6189005 A MWF 11:00-11:50
       MEETS: AUG 20-DEC 14
       AVALOS H
6189010 B MWF 1:10-2:00
       MEETS: AUG 20-DEC 14
       AVALOS H

CHRISTNTY BEG-REFRM RELIG 242 3 CREDITS
Note: Meets international perspectives reqmt
6247005 TR 9:30-10:45
       MEETS: AUG 20-DEC 14
       CLIFFORD A

INTRO CATHOLICISM RELIG 280 3 CREDITS
6242005 A TR 12:40-1:55
       MEETS: AUG 20-DEC 14
       CLIFFORD A

OLD TESTAMENT RELIG 321 3 CREDITS
Note: Available for nonmajor graduate credit
       Instructor permission required 1st week.
6194005 A MWF 11:10-12:00
       MEETS: AUG 20-DEC 14
       AVALOS H

SCIENCE & RELIGION RELIG 323 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Course restricted to sophomore and above
       meets international perspectives reqmt
6196005 TR 1:10-2:25
       MEETS: AUG 20-DEC 14
       WILSON D

WOMEN AND RELIGION RELIG 336 3 CREDITS
Prereq: 205, 210 OR WS 201 RECOMMENDED
Note: Meets U.S. diversity reqmt
       Available for nonmajor graduate credit
3352005 R 3:40-6:30PM
       MEETS: AUG 20-DEC 14
       BADO-FRALICK N

PHILOS OF RELIGION RELIG 350 3 CREDITS
Prereq: PHIL 201
6199005 TR 12:40-2:25
       MEETS: AUG 20-DEC 14
       GEIRSON H

CHRISTIAN ROMAN EM RELIG 367 3 CREDITS
Note: Available for nonmajor graduate credit
7364005 MFN 3:10-4:00
       MEETS: AUG 20-DEC 14
       NORTHEY E

RELIGION & POLITICS RELIG 370 3 CREDITS
Note: Available for nonmajor graduate credit
3165005 A MWF 9:00-9:50
       MEETS: AUG 20-DEC 14
6165010 B MWF 10:00-10:50
       MEETS: AUG 20-DEC 14
3165015 C MFN 9:00-9:50
       MEETS: AUG 20-DEC 14
Note: Section 1A Restricted to Majors only
Note: Section 1B Restricted to Majors other than pol s

GRK ARCH: TO 700BC RELIG 376A 3 CREDITS
Note: Meets international perspectives reqmt
2191005 MWF 1:10-2:00
       MEETS: AUG 20-DEC 14
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<th>Course Code</th>
<th>Section</th>
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Note: Available for nonmajor graduate credit.
SOCIOLOGY (CONTINUED)

SOC PSYCH:SOC PERSP SOC 305 3 CREDITS
PreReq: 130 OR 134
Note: Sections B1, C1 restricted to SOC, P S A majors. Sections B2, C2 restricted to majors other than SOC, P S A.
6355005 A1 TR 9:30-10:50 MEETS: AUG 20-DEC 14
6355010 A2 TR 9:30-10:50 MEETS: AUG 20-DEC 14
6355015 B1 TR 8:00-9:20 MEETS: AUG 20-DEC 14
6355020 B2 TR 8:00-9:20 MEETS: AUG 20-DEC 14
SEX & GENDER IN SOCIE SOC 327 3 CREDITS
PreReq: 130 OR 134
Note: Sections B1, C1 restricted to SOC, P S A, W S, INDIS - CJ ST majors only. Sections B2, C2 restricted to majors other than SOC, P S A, W S, INDIS - CJ ST.
Meets U.S. diversity reqmt.
6356005 A1 TR 2:10-3:30 MEETS: AUG 20-DEC 14
6356010 A2 TR 2:10-3:30 MEETS: AUG 20-DEC 14
6356015 B1 MW 10:00-10:50 MEETS: AUG 20-DEC 14
6356020 B2 MW 10:00-10:50 MEETS: AUG 20-DEC 14
ETHNIC & RACE RELATNS SOC 330 3 CREDITS
PreReq: 130 OR 134
Note: Meets U.S. diversity reqmt
6352005 A1 TR 9:30-10:50 MEETS: AUG 20-DEC 14
Note: SEC A1 restricted to INDIS - CJ ST, SOC, P S A, majors only. Sections A2, B1 restricted to majors other than INDIS - CJ ST, SOC, P S A.
Meets U.S. diversity reqmt.
6352010 A2 TR 9:30-10:50 MEETS: AUG 20-DEC 14
Note: SEC A2 restricted to majors other than INDIS - CJ ST, SOC, P S A.
6352015 B1 TR 11:00-12:20 MEETS: AUG 20-DEC 14
Note: SEC B1 restricted to P S A, SOC, INDIS - CJ ST majors only.
6352020 B2 TR 11:00-12:20 MEETS: AUG 20-DEC 14
Note: Section B2 restricted to majors other than SOC, P S A, INDIS - CJ ST.
SOC CLASS & INEQUAL SOC 331 3 CREDITS
PreReq: 130 OR 134
Note: Sections A1, B1 restricted to INDIS - CJ ST, SOC, P S A majors only. Sections A2, B2 for majors other than INDIS - CJ ST, SOC, P S A.
Meets U.S. diversity reqmt.
6357005 A1 TR 12:40-2:00 MEETS: AUG 20-DEC 14
6357010 A2 TR 12:40-2:00 MEETS: AUG 20-DEC 14
6357015 B1 TR 9:30-10:50 MEETS: AUG 20-DEC 14
6357020 B2 TR 9:30-10:50 MEETS: AUG 20-DEC 14
LATINO EXP IN U.S. SOC 332 3 CREDITS
PreReq: 130 OR 134
Note: Meets U.S. diversity reqmt
1669005 A TR 12:40-2:00 MEETS: AUG 20-DEC 14
POLITICS & SOCIETY SOC 334 3 CREDITS
PreReq: A course in POLITICAL SCIENCE OR SOCIOLOGY
7401005 A W 4:10-7:00PM MEETS: AUG 20-DEC 14
CRIMINOLOGY SOC 341 3 CREDITS
PreReq: 130 OR 134
4718005 A1 MW 3:30-4:00 MEETS: AUG 20-DEC 14
Note: Section A1 restricted to SOC, P S A majors.
4718010 A2 MW 3:30-4:00 MEETS: AUG 20-DEC 14
Note: Section A2 restricted to majors other than SOC, P S A
POPULATION & SOCIETY SOC 345 3 CREDITS
PreReq: 130 OR 134
Note: Meets international perspectives reqmt
6359005 A TR 12:40-2:00 MEETS: AUG 20-DEC 14
GLB POL, RSC & SUS DEV SOC 348X 3 CREDITS
PreReq: SOC 130 OR SOC 134
Note: Meets international perspectives reqmt
4048600 XW ARRANGED MAJOR R
Note: Section XW is off campus.
Course delivery is WWW

SOCIETY (CONTINUED)

POLICE AND SOCIETY SOC 351 3 CREDITS
PreReq: 241 OR CJ ST 240
7743005 A1 TR 12:40-2:00 MEETS: AUG 20-DEC 14
Note: Section A1 restricted to SOC, P S A majors.
7743010 A2 TR 11:00-12:20 MEETS: AUG 20-DEC 14
Note: SEC A2 restricted to majors other than SOC, P S A
FINISH, CORRECT & SOCIE SOC 352 3 CREDITS
PreReq: 241 OR CJ ST 240
7760610 1 TR 8:00-9:20 MEETS: AUG 20-DEC 14
APPLIED ETHICS AG SOC 362 3 CREDITS
PreReq: ECON 101 OR SOC 134 OR SOC 130, JUNIOR OR SENIOR STATUS IN THE COLLEGE OF AGRICULTURE.
7564005 1 W 3:10-4:00PM MEETS: AUG 20-DEC 14
SOCIOLGY OF WORK SOC 380 3 CREDITS
PreReq: 130 OR 134
6362005 A1 TR 12:40-2:00 MEETS: AUG 20-DEC 14
6362010 A2 TR 2:10-4:30 MEETS: AUG 20-DEC 14
Note: Section A2 restricted to majors other than SOC, P S A
6362015 A3 TR 2:10-4:30 MEETS: AUG 20-DEC 14
Note: Section A3 restricted to P S A majors.
6362025 B1 MWF 10:00-11:50 MEETS: AUG 20-DEC 14
6362030 B2 MWF 11:00-12:50 MEETS: AUG 20-DEC 14
6362035 B3 MWF 11:00-12:50 MEETS: AUG 20-DEC 14
Note: Section B3 restricted to P S A majors.
ENVIRONMENTAL SOCIE SOC 382 3 CREDITS
PreReq: 130, 134 or 3 credits of ENV S
7713005 A1 R 4:10-7:00PM MEETS: AUG 20-DEC 14
Note: SEC A1 restricted to SOC, P S A majors only.
7713010 A2 R 4:10-7:00PM MEETS: AUG 20-DEC 14
Note: Section A2 for majors other than SOC, P S A
CONTEMP SOC THEORIES SOC 401 3 CREDITS
PreReq: 9 credits in SOC
6365005 A MFN 1:00-2:00 MEETS: AUG 20-DEC 14
6365010 B MFN 10:00-11:00 MEETS: AUG 20-DEC 14
SOC CHNG DEV CNTRI SOC 411 3 CREDITS
PreReq: Available for nonmajor graduate credit
6323005 A TR 2:10-3:30 MEETS: AUG 20-DEC 14
CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS
PreReq: JR/SR CLASS OR PERMISSION OF THE CJ ST COORDINATOR. MAJOR OR MINOR IN SOC, OR CJ ST Minor.
Note: No more than 12 credits of field experience (SOC 464 & 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.
6370005 ARRANGED MEETS: AUG 20-DEC 14
TOPIC CRIM & JUV JUST SOC 484 3 CREDITS
6374005 A TR 3:40-5:00 MEETS: AUG 20-DEC 14
INDEP STUDY GEN SOC SOC 490A 1-3 CREDITS
PreReq: 6 credits in SOC and permission of instructor.
Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 6 CREDITS OF SOC 490 TO TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 6 CREDITS OF SOC 490 TO TOWARD GRADUATION.
******** SEE DEPT FOR REFERENCE NUMBERS
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<td>3 CREDITS</td>
<td>Prereq: COM S 228</td>
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<td>SOFTWARE ENGR INTN</td>
<td>S E 298</td>
<td>R CREDIT</td>
<td>Prereq: PERMISSION OF DEPT AND CAREER SERVICES</td>
<td>MWF 11:10-1:00</td>
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<td>S E 490</td>
<td>1 - 3 CREDITS</td>
<td>Prereq: 6 CR IN SOCIETY OR GRADUATE CLASSIFICATION</td>
<td>A M 2:10-5:00</td>
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<td>SOC 491B</td>
<td>1 - 6 CREDITS</td>
<td>Prereq: 298, PERMISSION OF DEPT &amp; CAREER SERVICES</td>
<td>MTWR 11:00-1:00</td>
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<td>SOC 490B</td>
<td>1 - 3 CREDITS</td>
<td>Prereq: 6 CR IN SOCIETY OR GRADUATE CLASSIFICATION</td>
<td>A W 9:00-9:50</td>
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<td>SOCIAL PSYCHOLOGY</td>
<td>SOC 520</td>
<td>3 CREDITS</td>
<td>Prereq: 305 OR PSYCH 280</td>
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<td>SPANISH</td>
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<td>Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS OF HIGH-SCHOOL SPANISH MAY NOT ENROLL IN 101.</td>
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<td>SPANISH ACCEL REVIEW</td>
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<td>1 - 3 CREDITS</td>
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<td>4 CREDITS</td>
<td>Note: STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS OF HIGH-SCHOOL SPANISH MAY NOT ENROLL IN 101.</td>
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<td>Prereq: 102 OR PLACEMENT BY DEPARTMENTAL EXAM</td>
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</table>
SPANISH (CONTINUED)

LATIN AM LIT TO 1900 SPAN 332 3 CREDITS
Prereq: 314
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
6487005 1A MF 10:00-10:50 MEETS: AUG 20-DEC 14

INTR SPAN/ENG TRNSL SPAN 351 3 CREDITS
Prereq: 301, 303 or 304
Note: Meets international perspectives reqmt
5071600 1A ARRANGED LEONARD K
Note: FOR PERMISSION TO REGISTER, CONTACT KATHY LEONARD
FLENNORD@STATE.EDU OR 515-294-5344.
Instructor permission required.
Section 1A is off campus
Course delivery is WWW
5071605 1B ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 1A RESTRICTED TO SPAN MAJORS ONLY
Course delivery is WWW
5071610 2A TR 12:40-2:00 MEETS: AUG 20-DEC 14
Note: SECTION 2A RESTRICTED TO MAJORS OTHER THAN SPAN
MEETS: AUG 20-DEC 14

SPANISH (CONTINUED)

LATIN AM LIT SPAN 354 3 CREDITS
Prereq: 351
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
9273005 1 TR 11:00-12:20 MEETS: AUG 20-DEC 14

SEM LIT&CULT SPAN 440 3 CREDITS
Prereq: 330,332,333,332 (RECOMMEND 330 & 331)
Note: Meets international perspectives reqmt
7688005 1 TR 12:40-2:00 MEETS: AUG 20-DEC 14

SEM LIT&CULTR SPAIN SPAN 445 3 CREDITS
Prereq: 351,352,353,352 (RECOMMEND 352 & 353)
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
6496005 1 TR 9:30-10:50 MEETS: AUG 20-DEC 14

INDEPENDENT STUDY SPAN 490 1-6 CREDITS
Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE
APPLIED TOWARD GRADUATION
Course delivery is WWW
Department permission required.
Satisfactory-Fail Only
****** SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1-3 CREDITS
Prereq: 9 CREDITS OF SPAN AT 300 LEVEL, PERMISSION
OF ADVISER AND WORLD LANGUAGES AND CULTURES
INTERNSHIP COORDINATOR
Note: NO MORE THAN 9 CREDITS IN SPAN 499 MAY BE
APPLIED TOWARD GRADUATION IN THE MAJOR
Department permission required.
Satisfactory-Fail Only
****** SEE DEPT FOR REFERENCE NUMBERS

SEM LIT&CULT SPAN 540 3 CREDITS
Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT
400 LEVEL
7467005 1 TR 12:40-2:00 MEETS: AUG 20-DEC 14

SEM LIT&CULTR SPAIN SPAN 545 3 CREDITS
Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT
400 LEVEL
7468005 1 TR 9:30-10:50 MEETS: AUG 20-DEC 14
Note: SEC 1 ONE TOPIC: MAGIC REALISM RE_VISITED
SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CREDITS
Prereq: 204
Note: Meets U.S. diversity reqmt
Department permission required 1st week.
6452005 1 MW 9:00-9:30
MEETS: AUG 20-DEC 14
INTR INST M/M DSAB SP ED 330 3 CREDITS
Prereq: 250, CONCURRENT ENROLLMENT IN C I 280, 377
Note: Department permission required 1st week.
2260005 TR 3:40-5:00
MEETS: AUG 20-DEC 14
EXCEP LRN GEN CLASS SP ED 334 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN SP ED 330
Note: Department permission required 1st week.
6461005 1 TR 2:10-3:25
MEETS: AUG 20-DEC 14
ASESS INCLUSV CLSPM SP ED 355 2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN 455; C I 433, 438, 439, 468G
4385005 MW 12:45-2:00
MEETS: AUG 20-DEC 14
Note: NO MEETINGS SEPT 24-OCT 19
TCHG IN INCLUSV SET SP ED 368 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN C I 377, 468F
Note: CONCURRENT ENROLLMENT IN C I 377, 438 AND 468F REQUIRED
4085005 1 W 3:30-4:45
MEETS: AUG 20-DEC 14
Note: NO MEETINGS OCT 22-NOV 16
TCH SCDRY EXCEP GEN SP ED 401 3 CREDITS
5059005 TR 8:00-9:15
MEETS: AUG 20-DEC 14
SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS
Prereq: FULL ADMISSION TO TEACHER EDUC, SENIOR
CLASSIFICATION, MAJOR IN ELEMENTARY EDUC, 330, 334, 365, 433, 436, 439; C I 280, 452
Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Department permission required 1st week.
3286005 ARRANGED
MEETS: AUG 20-DEC 14
INSTR MTH INCLU PRI SP ED 455 2 CREDITS
Prereq: CONCURRENT ENROLLMENT 355; C I 433, 438, 439, 468G, 468I
6848005 MW 2:10-3:25
MEETS: AUG 20-DEC 14
Note: NO MEETINGS SEPT 24-OCT 19
FLD EXP MI/MD DSABL SP ED 459 1 CREDIT
Prereq: 365, 436, CONCURRENT ENROLLMENT IN 460
Satisfactory-Fail Only.
1883005 ARRANGED
MEETS: AUG 20-DEC 14
SPECIAL ED SEMINAR SP ED 460 1 CREDIT
Prereq: 436 AND CONCURRENT ENROLLMENT IN 459
1360005 R 11:00-11:50
MEETS: AUG 20-DEC 14
COLLAB PARTNERSHIPS SP ED 464 3 CREDITS
Prereq: 365, 436
7963005 1 Tu 8:00-8:50PM
MEETS: AUG 20-DEC 14
INDEPENDENT STUDY SP ED 490 1-5 CREDITS
Prereq: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR
Note: Department permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
TCH EXCPT SC GEN ED SP ED 501 3 CREDITS
Prereq: BACCALAUREATE DEGREE
2607005 TR 8:00-9:15
MEETS: AUG 20-DEC 14
SPECIAL TOPICS SP ED 590 1-5 CREDITS
Prereq: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS
SPED EXP BHV/DS,5-21 SP ED 591K 1-6 CREDITS
Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION
Note: COURSE RESTRICTED TO C I MAJORS ONLY
******* SEE DEPT FOR REFERENCE NUMBERS
CREATIVE COMPONENT SP ED 599 1-5 CREDITS
Prereq: 15 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH SP ED 699 VAR. CREDITS
Prereq: 15 CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
FUND PUBLIC SPEAKING SP CM 212 3 CREDITS
Prereq: ATTEND LECTURE THE FIRST DAY – LECTURE IS THE
SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE.
CLASS MEETS THREE HOURS EACH WEEK. LECTURE AND
DISCUSSION MEET ON AN ALTERNATING SCHEDULE ANNOUNCED
IN FIRST DAY OF LECTURE.
8643020 1 MF 8:00-8:50
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
8643025 2 MF 9:00-9:50
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
8643030 3 MF 10:00-10:50
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
8643040 5 MF 11:00-11:50
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
8643045 6 MF 12:10-1:00
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
8643050 7 MF 12:10-1:00
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
8643055 8 MF 1:10-2:00
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
8643060 9 MF 1:10-2:00
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
8643065 10 MF 2:10-3:00
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
8643070 11 MF 2:10-3:00
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
8643075 12 MF 2:10-3:00
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
8643080 13 MF 2:10-3:00
MEETS: AUG 20-DEC 14
Section info: http://www.public.iastate.edu/~aslagell
spcm212/index.html
### FALL 2012

#### SPEECH COMMUNICATION

<table>
<thead>
<tr>
<th>Section</th>
<th>Lecture Time</th>
<th>Location</th>
<th>Instructor Permission Required</th>
<th>Department Permission Required</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>12:10-1:00 AM, MWF 2:10-3:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 14 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>15</td>
<td>9:00-9:50 AM, MWF 1:10-2:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 15 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>16</td>
<td>11:00-11:50 AM, MWF 3:10-4:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 16 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>17</td>
<td>12:10-1:00 AM, MWF 2:10-3:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 17 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>18</td>
<td>11:00-11:50 AM, MWF 3:10-4:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 18 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>19</td>
<td>12:10-1:00 AM, MWF 2:10-3:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 19 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>20</td>
<td>12:10-1:00 AM, MWF 2:10-3:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 20 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>21</td>
<td>11:00-11:50 AM, MWF 3:10-4:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 21 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>22</td>
<td>12:10-1:00 AM, MWF 2:10-3:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 22 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>23</td>
<td>11:00-11:50 AM, MWF 3:10-4:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 23 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>24</td>
<td>12:10-1:00 AM, MWF 2:10-3:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 24 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>25</td>
<td>11:00-11:50 AM, MWF 3:10-4:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 25 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>26</td>
<td>12:10-1:00 AM, MWF 2:10-3:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 26 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
<tr>
<td>27</td>
<td>11:00-11:50 AM, MWF 3:10-4:00 PM</td>
<td>SP CM 212</td>
<td>Yes</td>
<td>Yes</td>
<td>Section 27 Lecture and Lab Meet on alternating days. On first day attend lecture, which is the second meeting time/location listed.</td>
</tr>
</tbody>
</table>

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#### DEPARTMENTAL POLICIES

- Special Projects SP CM 290: 1–2 credits (Prereq: 1 CR in SP CM; permission of instructor) (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.)
- Special Projects SP CM 305: 3 credits (Prereq: ENGL 250 or ENGL 105) (Note: Available for nonmajor graduate credit. Instructor permission required 1st week.)
- Special Projects SP CM 312: 3 credits (Note: Available for nonmajor graduate credit)
- Special Projects SP CM 322: 3 credits (Prereq: 212) (Note: Available for nonmajor graduate credit)
- Special Projects SP CM 493: 1-3 credits (Prereq: 18 CR in SP CM, junior classification, permission of Dept. Chair) (Note: Available for nonmajor graduate credit)
**COMMUNIC INTERNSHIP**  SP CM 499  1- 3 CREDITS
Prereq: 18 CR IN SP CM COURSES, OTHER COURSES
ADVISOR DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR
STANDING; SUM GPA OF AT LEAST 2.5 OVERALL & 3.0
IN SP CM; PERMISSION OF THE INTERNSHIP
COMMITTEE
Note: NO CREDITS IN SP CM 499 MAY BE APPLIED THE
MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS
IN SP CM 499 MAY BE APPLIED TOWARD THE MINOR.
******
SEE DEPT FOR REFERENCE NUMBERS

**PROSEM;TCH FUND SPK**  SP CM 513  1 CREDIT
Prereq: REQUIRED OF NEW SP CM 212 T.A. APPOINTMNTS
2093005  ARRANGED
MEETS: AUG-DEC 14
Note: Instructor permission required.

**SPECIAL TOPICS**  SP CM 590  1- 4 CREDITS
Prereq: PERMISSION OF DEPARTMENT CHAIR
Note: NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE
MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS
IN SP CM 590 MAY BE APPLIED TOWARD THE MINOR.
******
SEE DEPT FOR REFERENCE NUMBERS

**STATISTICS**

**STATISTICS ORIENTAT**  STAT 100  R CREDIT
Satisfactory-Fail Only.
6501010  W 7:10-8:00
MEETS: AUG-DEC 14

**PRIN OF STATISTICS**  STAT 101  4 CREDITS
Prereq: ONE AND A HALF YRS OF H S ALGEBRA
Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
STAT 105, STAT 226.
6502005  A MWF 9:00-9:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502010  B MWF 9:00-9:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502015  C MWF 10:00-10:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502020  D MWF 10:00-10:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502025  E MWF 11:00-11:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502030  F MWF 11:00-11:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502035  G MWF 11:00-11:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502040  H MWF 11:00-11:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502045  J MWF 11:00-11:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502050  K MWF 11:00-11:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502055  L MWF 11:00-11:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502060  M MWF 11:00-11:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502070  N MWF 11:00-11:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.
6502080  O MWF 11:00-11:50
MEETS: AUG-DEC 14
Note: Instructor permission required 1st week.

**INTRO TO STATISTICS**  STAT 104  3 CREDITS
Prereq: 1 & 1/2 YRS OF H S ALGEBRA
Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
STAT 105, STAT 226.
6503005  A TR 8:00-8:50
MEETS: AUG-DEC 14
6503010  B TR 8:00-8:50
MEETS: AUG-DEC 14
6503015  C MW 11:00-11:50
MEETS: AUG-DEC 14
6503020  D TR 12:00-12:50
MEETS: AUG-DEC 14

**INTRO TO STAT FOR ENGR**  STAT 105  3 CREDITS
Prereq: MATH 165 (OR 165H)
Note: RESTRICTED TO MECH & COLLEGE OF ENGR MAJORS.
CREDIT FOR EITHER STAT 101 OR STAT 305, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR
ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD
GRADUATION: STAT 101, STAT 104, STAT 105, STAT 226.
6504005  A TR 9:30-10:50
MEETS: AUG-DEC 14
6504010  B TR 10:00-11:00
MEETS: AUG-DEC 14

**INTR BUSINES STAT I**  STAT 226  3 CREDITS
Prereq: MATH 165 OR MATH 165H
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: STAT 226, STAT 101,
STAT 104, STAT 105. COURSE RESTRICTED TO ACCT,
AG B, BUS S, BUSAD, BUS U, ECON, FIN, I BUS, LOMIS,
Mgmt, MIS, Mkt, P Bus, SCIS MAJORS ONLY.
3975005  A MRF 12:10-1:00
MEETS: AUG-DEC 14
3975010  B MRF 1:10-2:00
MEETS: AUG-DEC 14

**ENGINEERING STAT**  STAT 305  3 CREDITS
Prereq: MATH 165 (OR 165H)
Note: CREDIT FOR EITHER STAT 105 OR STAT 305, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
RESTRICTED TO ENGR COLLEGE MAJORS AND PHYS, PHYSMA
MAJORS ONLY.
6509005  A TR 9:30-10:50
MEETS: AUG-DEC 14
6509010  B TR 10:00-11:00
MEETS: AUG-DEC 14
6509015  C TR 11:00-12:00
MEETS: AUG-DEC 14
6509020  D TR 12:00-1:00
MEETS: AUG-DEC 14
6509025  E TR 1:10-2:00
MEETS: AUG-DEC 14
6509030  F TR 2:10-3:10
MEETS: AUG-DEC 14
6509035  G TR 3:20-4:20
MEETS: AUG-DEC 14
6509040  H TR 4:30-5:30
MEETS: AUG-DEC 14
6509045  I TR 5:40-6:40
MEETS: AUG-DEC 14
6509050  J TR 6:50-7:50
MEETS: AUG-DEC 14
6509055  K TR 7:00-8:00
MEETS: AUG-DEC 14
6509060  L TR 8:00-9:00
MEETS: AUG-DEC 14
6509065  M TR 9:00-10:00
MEETS: AUG-DEC 14
6509070  N TR 10:00-11:00
MEETS: AUG-DEC 14
6509075  O TR 11:00-12:00
MEETS: AUG-DEC 14

**PROBAB,INFERNCE, ENGRS**  STAT 231  4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 265
Note: Instructor permission required 1st week.
6507005  A MTRF 12:10-1:00
MEETS: AUG-DEC 14
6507010  B MTRF 1:10-2:00
MEETS: AUG-DEC 14

**COMMUNICATIONS**

**COMMUNIC INTERNSHIP**  SP CM 499  1- 3 CREDITS
Prereq: 18 CR IN SP CM COURSES, OTHER COURSES
ADVISOR DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR
STANDING; SUM GPA OF AT LEAST 2.5 OVERALL & 3.0
IN SP CM; PERMISSION OF THE INTERNSHIP
COMMITTEE
Note: NO CREDITS IN SP CM 499 MAY BE APPLIED THE
MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS
IN SP CM 499 MAY BE APPLIED TOWARD THE MINOR.
******
SEE DEPT FOR REFERENCE NUMBERS

**PROSEM;TCH FUND SPK**  SP CM 513  1 CREDIT
Prereq: REQUIRED OF NEW SP CM 212 T.A. APPOINTMNTS
2093005  ARRANGED
MEETS: AUG-DEC 14
Note: Instructor permission required.
STATISTICS (CONTINUED)

PROBAB&STAT COM SCI STAT 330 3 CREDITS
Prereq: MATH 166
Note: Available for nonmajor graduate credit
7372005 A MWF 12:10-1:00
MEETS: AUG 20-DEC 14
7372010 B MWF 12:10-1:00
MEETS: AUG 20-DEC 14

INTR THY PROBAB& STAT 341 3 CREDITS
Prereq: MATH 265 (OR MATH 265H)
Note: CREDIT FOR EITHER MATH 341 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
6511005 A MWF 10:00-10:50
MEETS: AUG 20-DEC 14

STAT QUALITY ASSURR STAT 361 3 CREDITS
Prereq: STAT 231 OR STAT 305
Note: Available for nonmajor graduate credit
6513005 A1 ARRANGED, T 3:40-5:40
Note: SEC A1 TWO-HOUR LECTURE DELIVERY IS WWW.
6513010 A2 ARRANGED, T 3:40-5:40
Note: SEC A2 TWO-HOUR LECTURE DELIVERY IS WWW.
RESTRICED TO MAJORS OTHER THAN I E.

COORDERATIVE EDUCATN STAT 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
1530005 ARRANGED
MEETS: AUG 20-DEC 14

STAT METH FOR RSRCH STAT 401 4 CREDITS
Prereq: STAT 201 OR STAT 104 OR STAT 105 OR STAT 205
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: DIET 544, STAT 401, STAT 495, STAT 542.
Available for nonmajor graduate credit
6514000 A MWF 8:00-8:50
W 2:10-4:00
MEETS: AUG 20-DEC 14
Note: SEC A RESTRICTED TO AG COLLEGE AND VET COLLEGE
6514005 A MWF 10:00-10:50
F 2:10-4:00
MEETS: AUG 20-DEC 14
Note: SECTION B FOR GENERAL UNDERGRAD
6514010 B MWF 10:00-10:50
T 2:10-4:00
MEETS: AUG 20-DEC 14
Note: SEC D FOR POL A, PSYCH, CHILD DEVELOPMENT, EDUC
6514020 C MWF 11:00-11:50
M 2:10-4:00
MEETS: AUG 20-DEC 14
Note: SEC E FOR SOCIOLOGY
6514030 D MWF 9:00-9:50
W 2:10-4:00
MEETS: AUG 20-DEC 14
Note: SEC F RESTRICTED TO AG COLLEGE AND VET COLLEGE
6514040 E MWF 10:00-10:50
T 2:10-4:00
MEETS: AUG 20-DEC 14
Note: SEC G FOR GENERAL UNDERGRAD
6514050 F MWF 11:00-11:50
T 2:10-4:00
MEETS: AUG 20-DEC 14
Note: SEC H FOR SOCIOLOGY
6514060 G MWF 9:00-9:50
T 2:10-4:00
MEETS: AUG 20-DEC 14
Note: SEC I FOR GENERAL UNDERGRAD
6514600 H ARRANGED
MEETS: AUG 20-DEC 14
Note: LIVE VIEWING AVAILABLE MWF 8-8:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XX is off campus
Course delivery is WWW

STAT DESIGN&EXPERMT STAT 402 3 CREDITS
Prereq: STAT 401
Note: Available for nonmajor graduate credit
6515005 A MWF 2:10-3:00
MEETS: AUG 20-DEC 14

MULTIVARIATE ANALYZ STAT 407 3 CREDITS
Prereq: STAT 401, KNOWLEDGE OF MATRIX ALGEBRA
Note: Available for nonmajor graduate credit
6519005 MM 3:10-4:00
T 4:10-6:00 PM
MEETS: AUG 20-DEC 14

ADV MTHD FOR RSRCH STAT 415 1 CREDIT
Prereq: STAT 401
Note: Available for nonmajor graduate credit
7645005 1 MWF 1:10-2:00
MEETS: AUG 20-SEP 21
7645010 2 MWF 1:10-2:00
MEETS: SEPT 24-OCT 26
7645015 3 MWF 1:10-2:00
MEETS: OCT 29-DEC 7

EMPRCL MTHD CMP SCI STAT 430 3 CREDITS
Prereq: 330 OR EQUIVALENT COURSE, MATH 166, KNOWLEDGE OF LINEAR ALGEBRA
Note: Available for nonmajor graduate credit
8331005 TR 2:10-3:30
MEETS: AUG 20-DEC 14

REGRES SOC&BHAV RES STAT 404 3 CREDITS
Prereq: STAT 401
Note: Available for nonmajor graduate credit
6517005 TR 11:00-11:50
F 2:10-4:00
MEETS: AUG 20-DEC 14

STATISTICAL METHODS STAT 500 4 CREDITS
Prereq: STAT 101
6529005 MWF 11:00-11:50
T 2:10-4:00
MEETS: AUG 20-DEC 14

DSGN OF EXPERIMENTS STAT 512 3 CREDITS
Prereq: STAT 511
6532005 MWF 10:00-10:50
MEETS: AUG 20-DEC 14

THRY NONLINEAR MODL STAT 515 3 CREDITS
Prereq: STAT 447 OR STAT 543; STAT 511
4104005 MWF 10:00-10:50
MEETS: AUG 20-DEC 14

APPL PROB&TY MODELS STAT 542 3 CREDITS
Prereq: STAT 231 OR STAT 341 OR STAT 447
Note: Available for nonmajor graduate credit
6521005 TR 6:10-8:30
MEETS: AUG 20-DEC 14

STAT THEORY FOR RES STAT 490 VAR. CREDITS
Prereq: 10 CREDITS IN STATISTICS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION

INDEPENDENT STUDY STAT 490 VAR. CREDITS
Prereq: 10 CREDITS IN STATISTICS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION.

INDEPENDENT STUDY HONORS STAT 490H VAR. CREDITS
Prereq: 10 CREDITS IN STATISTICS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION.

APPLIED STUDY HONORS STAT 490H VAR. CREDITS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION.

INDEPENDENT STUDY HONORS STAT 490 VAR. CREDITS
Prereq: 10 CREDITS IN STATISTICS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION.

INDEPENDENT STUDY HONORS STAT 490H VAR. CREDITS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION.

APPLIED STUDY HONORS STAT 490H VAR. CREDITS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION.

APPLIED STUDY HONORS STAT 490H VAR. CREDITS
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APPLIED STUDY HONORS STAT 490H VAR. CREDITS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION.

APPLIED STUDY HONORS STAT 490H VAR. CREDITS
Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION.
MEETS: AUG 20-DEC 14
6855005     ARRANGED
Prereq: PERMISSION OF INSTRUCTOR
ADV TOP SAMP SURVEY   STAT  690D  VAR.  CREDITS
7903005     TR 8:00-9:20
MEETS: AUG 20-DEC 14
AN INTRODUCTN TO R STAT  579  1 CREDIT
5652005 A R 12:10-2:00
MEETS: AUG 20-DEC 14
Note: SECTION A RESTRICTED TO STAT MAJORS ONLY
5652010 B T 12:10-2:00
MEETS: AUG 20-DEC 14
Note: SECTION B RESTRICTED TO MAJORS OTHER THAN STAT
SPL TOPICS THEORY STAT  590A  VAR.  CREDITS
6554005 ARRANGED
MEETS: AUG 20-DEC 14
SPCL TOPICS METHODS STAT  590B  VAR.  CREDITS
6555005 ARRANGED
MEETS: AUG 20-DEC 14
SPL TOP DESIGN EXPER STAT  590C  VAR.  CREDITS
6556005 ARRANGED
MEETS: AUG 20-DEC 14
SPL TOP SAMP SURVEY STAT  590D  VAR.  CREDITS
6557005 ARRANGED
MEETS: AUG 20-DEC 14
CREATIVE COMPONENT STAT  599  VAR.  CREDITS
Note: Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS
ADV STATISTIC METHODS STAT  601  4 CREDITS
6559005 ARRANGED
MEETS: AUG 20-DEC 14
ADV SPATIAL STATIST STAT  606  3 CREDITS
6560005 ARRANGED
MEETS: AUG 20-DEC 14
THY&APP LINEAR MODL STAT  611  3 CREDITS
5651005 ARRANGED
MEETS: AUG 20-DEC 14
ADV PROBABILITY THRY STAT  642  4 CREDITS
5656005 A MWF 8:30-9:45
MEETS: AUG 20-DEC 14
MULTIVARIATE ANALYS STAT  647  3 CREDITS
5658005 TR 3:40-5:00
MEETS: AUG 20-DEC 14
ADV STAT COMPUTING STAT  680  3 CREDITS
3420005 TR 9:30-10:50
MEETS: AUG 20-DEC 14
ADV SPL TOPC THEORY STAT  690A  VAR.  CREDITS
6851005 ARRANGED
MEETS: AUG 20-DEC 14
ADV SPL TOP METHODS STAT  690B  VAR.  CREDITS
6852005 ARRANGED
MEETS: AUG 20-DEC 14
ADV TOP SAMP SURVEY STAT  690D  VAR.  CREDITS
6855005 ARRANGED
MEETS: AUG 20-DEC 14
ADV TOP STAT COMPUT STAT  690E  VAR.  CREDITS
1709005 1 ARRANGED
MEETS: AUG 20-DEC 14
ADV TOPICS GRAPHICS STAT  690F  VAR.  CREDITS
3189005 ARRANGED
MEETS: AUG 20-DEC 14
RESEARCH STAT  699  VAR.  CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
SUPPLY CHAIN MANAGEMENT
SUPPLY CHAIN MGMT SCM  301  3 CREDITS
5287005 A TR 2:10-3:25
MEETS: AUG 20-DEC 14
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
SUPPLY CHAIN MGMT SCM  422  3 CREDITS
5189005 A MWF 8:00-8:50
MEETS: AUG 20-DEC 14
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
ADV TOPICS OPER MGT SCM  428  3 CREDITS
5189005 A MWF 8:00-8:50
MEETS: AUG 20-DEC 14
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
ADV TOPICS OPER MGT SCM  428  3 CREDITS
Note: COURSE NOT OPEN TO F BUS. GRADUATE STUDENTS
5189005 A MWF 8:00-8:50
MEETS: AUG 20-DEC 14
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
ADV TOPICS OPER MGT SCM  428  3 CREDITS
Note: COURSE NOT OPEN TO F BUS. GRADUATE STUDENTS
5189005 A MWF 8:00-8:50
MEETS: AUG 20-DEC 14
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
ADV TOPICS OPER MGT SCM  428  3 CREDITS
Note: COURSE NOT OPEN TO F BUS. GRADUATE STUDENTS
5189005 A MWF 8:00-8:50
MEETS: AUG 20-DEC 14
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
ADV TOPICS OPER MGT SCM  428  3 CREDITS
Note: COURSE NOT OPEN TO F BUS. GRADUATE STUDENTS
**PROJECT MANAGEMENT** SCM 437 3 CREDITS
Note: SEC A1,B1 RESTRICTED TO ACCT, BUS U, BUSSEC, FIN, LSCM, MGMT, MGT, MT, OSM, SCM UNDERGRAD MAJORS ONLY. SECTIONS A2,B2 FOR COLLEGES OTHER THAN BUSINESS.
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO REGISTER.
Available for nonmajor graduate credit.
5244005 A1 TR 2:10-3:25 MEETS: AUG-DEC 14
Note: SECTION A1 RESTRICTED TO ACCT, BUS U, BUSSEC, FIN, LSCM, MGMT, MGT, MT, OSM, SCM UNDERGRAD MAJORS ONLY.
5244010 A2 TR 2:10-3:25 MEETS: AUG-DEC 14
Note: SECTION A2 RESTRICTED TO COLLEGES OTHER THAN BUSINESS.
5244015 B1 TR 3:40-5:00 MEETS: AUG-DEC 14
5244020 B2 TR 3:40-5:00 MEETS: AUG-DEC 14

**SUPPLY CHAIN INFO SY** SCM 440 3 CREDITS
Prereq: MIS 330, SCM 301
6856005 A TR 8:00-9:15 MEETS: AUG-DEC 14
Note: SECTION A RESTRICTED TO MIS MAJORS ONLY.
6856010 A2 TR 8:00-9:15 MEETS: AUG-DEC 14
Note: SECTION A2 RESTRICTED TO COLLEGES OTHER THAN BUSINESS.

**DECISION TOOLS LOG&OP** SCM 460 3 CREDITS
Prereq: SCM 301
Note: SECTIONS A1,B1 RESTRICTED TO COLLEGE OF BUSINESS UNDERGRAD MAJORS ONLY. SECTIONS A2,B2 RESTRICTED TO COLLEGES OTHER THAN BUSINESS. COURSE NOT OPEN TO BUS. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD. Available for nonmajor graduate credit.
6790005 A1 TR 12:40-1:55 MEETS: AUG-DEC 14
6790010 A2 TR 12:40-1:55 MEETS: AUG-DEC 14
6790015 B1 TR 3:40-5:00 MEETS: AUG-DEC 14
6790020 B2 TR 3:40-5:00 MEETS: AUG-DEC 14

**PRINC TRANSPORTATION** SCM 461 3 CREDITS
Prereq: SCM 301
Note: GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD. Available for nonmajor graduate credit.
6791005 A2 MW 3:40-5:00 MEETS: AUG-DEC 14
Note: SECTION A1 RESTRICTED TO LSCM, SCM MAJORS ONLY.
6791010 A2 MW 3:40-5:00 MEETS: AUG-DEC 14
Note: SECTION A2 RESTRICTED TO MAJORS OTHER THAN LSCM, P BUS, SCM MAJORS.

**DEMAND PLANNING&OPT** SCM 485 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSSEC, FIN, LSCM, MGMT, MGT, MT, OSM, SC MCM UNDERGRAD MAJORS ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD. Available for nonmajor graduate credit.
1069005 A MWF 8:00-9:30 MEETS: AUG-DEC 14
1069010 B MWF 8:00-9:30 MEETS: AUG-DEC 14

**PRIN PRCHS&PLY MGT** SCM 486 3 CREDITS
Prereq: SCM 301
Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSSEC, FIN, LSCM, MGMT, MGT, MT, OSM, SC MCM UNDERGRAD MAJORS ONLY. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD. Available for nonmajor graduate credit.
4788005 A TR 11:00-12:15 MEETS: AUG-DEC 14

**STRATEGIC SPLY CHN MGT** SCM 487 3 CREDITS
Prereq: SCM 460 OR SCM 422 OR SCM 424; SCM 485 OR SCM 486
Note: COURSE RESTRICTED TO LSCM, OSM, SC MCM SENIORS GRADUATING FALL 2012. GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION TO ADD. Available for nonmajor graduate credit.
3085005 A TR 9:30-10:45 MEETS: AUG-DEC 14

**INDEPENDENT STUDY** SCM 490 1-3 CREDITS
Prereq: SCM 301, SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required.

**SUPPLY CHAIN MANAGEMENT (CONTINUED)**

**STRATEGIC LOGIST MGT** SCM 560 3 CREDITS
Prereq: SCM 501 OR PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
6797005 A T 6:00-9:20PM MEETS: AUG 28-NOV 13

**PURCHASE&SUPPLY MGT** SCM 563 3 CREDITS
Prereq: SCM 501 OR PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7251005 A M 6:00-9:20PM MEETS: AUG 27-NOV 12

**SPECIAL TOPICS** SCM 590 1-3 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

**THEOR FOUNDATNS** SCM 601 3 CREDITS
Prereq: SCM 601 OR PERMISSION OF INSTRUCTOR
Note: MUST BE A PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION
8037005 A T 1:10-4:00PM MEETS: AUG-DEC 14

**SEMIND IN PURCHASING** SCM 603 3 CREDITS
Prereq: SCM 601 OR CONCURRENT ENROLLMENT
8039005 A T 1:10-4:00PM MEETS: AUG-DEC 14

**PROJECT MANAGEMENT** SCM 650 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM
Note: MUST BE A BUSAD PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION
8057005 ARRANGED MEETS: AUG-DEC 14

**RSEARCH PRAC TCM I** SCM 651 1 CREDIT
Prereq: ENROLLMENT IN THE PH D PROGRAM
Note: MUST BE A BUSAD PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION
8058005 ARRANGED MEETS: AUG-DEC 14

**SUSTAINABLE AGRICULTURE**

**AGROECOSYSMS ANALYS** SUSAG 509 4 CREDITS
Prereq: SENIOR OR ABOVE CLASSIFICATION
4931005 1 ARRANGED MEETS: JULY 27-DEC 14
Note: TWO-WEEK FIELD TRIP IN JULY-AUGUST. ONLY A FEW MEETINGS DURING FALL SEMESTER.
Instructor permission required.

**INTEG CROP&LVSTK SY** SUSAG 515 3 CREDITS
4934005 TR 9:30-10:50 MEETS: AUG-DEC 14

**ECOL BASED PEST MGT** SUSAG 530 3 CREDITS
4941005 TR 9:30-10:50 MEETS: AUG-DEC 14

**SPECIAL TOPICS** SUSAG 590 1-3 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
Note: MUST BE A BUSINESS PH.D. STUDENT, OR HAVE DEPARTMENTAL PERMISSION

**THEOR FOUNDATNS** SUSAG 599 3 CREDITS
Prereq: SCM 501 OR CONCURRENT ENROLLMENT
8039005 A T 1:10-4:00PM MEETS: AUG-DEC 14

**SUSTAINABLE AG** SUSAG 600 3 CREDITS
Prereq: SCM 601 OR CONCURRENT ENROLLMENT
8057005 ARRANGED MEETS: AUG-DEC 14
WORLD FOOD ISSUES T SC 342 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
5256005 1 MW 11:00-11:50 FORD C
MEETS: AUG 20-DEC 14
Note: SECTION A RESTRICTED TO AGRON, CS A, CS H, DIETA, DIETS, FS A, FS H, HS A, HS H, PDEKX, PDEKX MAJORS ONLY
5256010 2 MW 12:10-12:50 FORD C
MEETS: AUG 20-DEC 14
5256015 3 TR 8:00-9:20 FALES S
MEETS: AUG 20-DEC 14
5256060 XX ARRANGED FORD C
Note: CONTACT CLARK FORD FOR PERMISSION TO REGISTER AT 515-294-0343/CFORD@IASTATE.EDU.
Instructor permission required.
Section XX is off campus
Course delivery is WWW
Cmprtr reqmt: http://www.agde.iastate.edu/support

PHIL OF TECHNOLOGY T SC 343 3 CREDITS
Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 34I AND 3 CREDITS OF SOCIAL SCIENCE
Note: Available for nonmajor graduate credit
5211005 A MW 11:00-11:50 SMITH T
MEETS: AUG 20-DEC 14
5211010 B MW 9:00-9:50 SMITH T
MEETS: AUG 20-DEC 14

COMM TECH&SOC CHANG T SC 474 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO JUNIORS AND ABOVE
Meets international perspectives reqmt
9664005 1 MW 11:00-11:50
MEETS: AUG 20-DEC 14
Syllabus: http://www.jicm.iastate.edu/undergrad

INDEPENDENT STUDY T SC 490 VAR. CREDITS
Prereq: 34I, PERMISSION OF INSTRUCTOR & T SC COORD
Note: Permission of coordinator required.
*** See Dept for Reference Numbers
COMM TECH&SOC CHANG T SC 574 3 CREDITS
Prereq: 6 CREDITS IN SOCIAL SCIENCE
Note: Meets international perspectives reqmt
9665005 1 MW 6:10-7:25PM
MEETS: AUG 20-DEC 14
Syllabus: http://www.jicm.iastate.edu/undergrad

SPL TOP TCH&SOC CHG T SC 590 VAR. CREDITS
Prereq: 34I, PERMISSION OF INSTRUCTOR & T SC COORD
Note: Permission of coordinator required.
*** See Dept for Reference Numbers

INTRO TO TECHNOLOGY TSM 110 1 CREDIT
Prereq: AST AND I TEC MAJORS ONLY OR PERMISSION OF INSTRUCTOR
2533005 A F 10:00-10:50
2533010 B F 11:00-11:50
MEETS: AUG 20-DEC 14

ORIEN LEARNINGTEAM TSM 112 2 CREDITS
Prereq: 112
1393005 A T 12:10-2:00 WIERSEMA J
MEETS: AUG 20-DEC 14
1393010 B W 4:10-6:00PM WIERSEMA J
MEETS: AUG 20-DEC 14

SOLV TECHNOL PROBLM TSM 115 3 CREDITS
Prereq: CR OR ENROLLMT IN MATH 140 OR HIGHER
1358005 A W 2:10-4:00
MEETS: AUG 20-DEC 14
Note: SECTION A RESTRICTED TO AST, I TEC MAJORS ONLY
1358010 B TR 3:40-5:40
MEETS: AUG 20-DEC 14
Note: SEC B RESTRICTED TO MAJORS OTHER THAN AST, I TEC

INTR DSGN IN TCNL TSM 116 3 CREDITS
Prereq: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY
4496005 A TR 10:00-11:50
MEETS: AUG 20-DEC 14

SMNR:PREP FOR WRKPL TSM 201 1 CREDIT
Prereq: SOPH CLASSIF IN A E, AST, BSE, OR I TEC
1384005 A MW 12:10-1:00
MEETS: AUG 20-OCT 12
SPL TOP MACHINE SYS TSM 590B 1-4 CREDITS
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC MANUFACTRG TSM 590C 1-4 CREDITS
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCCUP SAFET TSM 590D 1-4 CREDITS
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
****** SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH COMM TSM 598 1 CREDIT
Satisfactory-Fail Only.
1911005 ARRANGED MEETS: AUG-20-DEC 14
CREATIVE COMPONENT TSM 599 1-3 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR TSM 601 1 CREDIT
4583005 1 TR 4:10-5:00
MEETS: AUG-20-DEC 14

TEACHING PRACTICUM TSM 694 1-3 CREDITS
1919005 ARRANGED MEETS: AUG-20-DEC 14

TECHNOLOGY INTERNSHIP TSM 697 R CREDIT
Prereq: PERMISSION OF MAJOR PROFESSOR AND APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION
Satisfactory-Fail Only.
4646005 ARRANGED MEETS: AUG-20-DEC 14

DOCTORAL TECH COMM TSM 698 1 CREDIT
Satisfactory-Fail Only.
1926005 ARRANGED MEETS: AUG-20-DEC 14

RESEARCH TSM 699 1-6 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING
DRESS&DIVRSTY SOCIE T C 165 3 CREDITS
Note: Requires U.S. diversity reqmt
6603005 1 TR 11:00-12:25
MEETS: AUG-20-DEC 14
Note: SEC 1 RESTRICTED TO T C, AMDP, A M D MAJORS ONLY
6603010 2 TR 11:00-12:25
MEETS: AUG-20-DEC 14
Note: SECTION 2 RESTRICTED TO MAJORS OTHER THAN T C, AMDP, A M D

TEXTILE SCIENCE T C 204 4 CREDITS
Prereq: 3 CR IN T C
Note: COURSE RESTRICTED TO A M D, AMDP, T C MAJORS ONLY
6604005 1 ARRANGED
MEETS: AUG-20-DEC 14
TR 9:30-10:50

COMPUT APP TEXTLAC T C 210 3 CREDITS
Prereq: T C 131, T C 245 OR CONCURRENT; AESHM 111
5087000 1A T 1:10-3:00, ARRANGED
MEETS: AUG-20-DEC 14
Note: SECTION 1A RESTRICTED TO T C, AMDP, A M D MAJORS ONLY
5087010 1B T 1:10-3:00, ARRANGED
MEETS: AUG-20-DEC 14
5087015 2A R 1:10-3:00, ARRANGED
MEETS: AUG-20-DEC 14
5087020 2B R 1:10-3:00, ARRANGED
MEETS: AUG-20-DEC 14

APPAR ASSEMBL PROC T C 221 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN 204
Note: COURSE RESTRICTED TO T C, A M D, AMDP MAJORS ONLY
6602005 1 M 3:10-4:00
MEETS: AUG-20-DEC 14
TR 1:10-3:00
6602010 2 M 3:10-4:00
TECH 8:00-9:00
MEETS: AUG-20-DEC 14

PATTERNMAKING I T C 225 4 CREDITS
Prereq: T C 204, T C 221. PERMISSION OF INSTRUCTOR
6607005 1 MWF 8:00-9:50
MEETS: AUG-20-DEC 14
Note: Instructor permission required.
6607010 2 MWF 10:00-11:50
MEETS: AUG-20-DEC 14
Note: Instructor permission required.

TEXTILES & CLOTHING
PRODUCT DEVELOP&MFG T C 231 4 CREDITS
Prereq: T C 204
Note: COURSE RESTRICTED TO T C, A M D, AMDP MAJORS ONLY
6608005 1 MWF 11:00-11:50
W 2:10-4:00
MEETS: AUG-20-DEC 14
6608010 2 MWF 11:00-11:50
W 2:10-4:00
MEETS: AUG-20-DEC 14
6608015 3 MWF 11:00-11:50
R 2:10-4:00
MEETS: AUG-20-DEC 14

AESTHETC&BRAND IMAG T C 245 3 CREDITS
Prereq: 131, 245 OR CONCURRENT ENROLLMENT IN 204
6609005 1A MWF 12:10-1:00
MEETS: AUG-20-DEC 14
Note: SECTION 1A RESTRICTED TO T C, A M D, AMDP, T C MAJORS
6609010 1B MWF 12:10-1:00
MEETS: AUG-20-DEC 14
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN T C, AMDP, A M D

MUSEUM STUDIES T C 257 3 CREDITS
Prereq: SOPHOMORE STANDING
1207005 1A TR 5:00-6:30PM
ARRANGED MEETS: AUG-20-DEC 14
Note: SECTION 1A RESTRICTED TO T C, A M D, AMDP, T C MAJORS
1207010 1B TR 5:00-6:30PM
ARRANGED MEETS: AUG-20-DEC 14
Note: SECTION 1B RESTRICTED TO MAJORS OTHER THAN T C, AMDP, A M D

FASHION ILLUSTRN T C 278 3 CREDITS
Prereq: 131, 245 OR CONCURRENT ENROLLMENT, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
6611005 1 MWF 1:10-3:00
MEETS: AUG-20-DEC 14
6611010 2 MWF 3:10-5:00
MEETS: AUG-20-DEC 14

BASIC DSGN CNCP REVW T C 301 1 CREDIT
Prereq: COMPLETION OR ENROLLMENT IN T C 225, T C 278
MEETS: OCT-15-DEC 14
Note: ONLY 1 CREDIT IN T C 301 MAY BE APPLIED TOWARD GRADUATION

CPTR INTEGRAT DSGN T C 321 3 CREDITS
Prereq: CREDIT ENROLLMENT IN 278, INSTRUCTOR PERMISSION
Note: Instructor permission required.
6650005 1 MWF 8:00-9:50
MEETS: AUG-20-DEC 14

PATTERNMAKING II T C 325 3 CREDITS
Prereq: 301A OR 301B, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7199005 1 MWF 12:10-2:00
MEETS: AUG-20-DEC 14

HIST EUR&R AM DRESS T C 354 3 CREDITS
Prereq: 1 Credits from History or Art History
Note: Meets international perspectives reqmt
6614005 1 M 10:00-11:50
MEETS: AUG-20-DEC 14

MERCH PLAN & CONTROL T C 376 4 CREDITS
Prereq: AESHM 275, 3 CREDITS FROM ACCT 284, MATH 104, MATH 105, MATH 150 OR EQUIVALENT
Note: COURSE RESTRICTED TO A M D, AMDP, T C MAJORS ONLY
6625005 1 TR 1:10-2:00, ARRANGED
R 3:10-5:00
MEETS: AUG-20-DEC 14

SOURCING&GLOBAL ISSUES TSM 592 3 CREDITS
Prereq: 231, AESHM 275
Note: SBC 1B RESTRICTED TO MAJORS OTHER THAN A M D, AMDP, A M D, T C

TEACHING PRACTICUM TSM 598 1 CREDIT
Satisfactory-Fail Only.
1919005 ARRANGED MEETS: AUG-20-DEC 14

TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
****** SEE DEPT FOR REFERENCE NUMBERS
TEXTILES & CLOTHING

SPL TOP P R & PUBL VIII TO VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRODUCT DEV T C 590U VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP GBL ISSRSC T C 590V VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

MRCHDS THRTYR APP T C 676X 3 CREDITS
Prereq: 3 CR IN BASIC STATISTICS; 3 CR IN MARKETING OR MERCHANDISING
5162005 MW 10:00-11:20
MEETS: AUG 20-DEC 14

ADVANCED TOPICS T C 690 VAR. CREDITS
Prereq: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSION OF INSTRUCTOR, AND APPROVAL OF D.O.G.R.
****** SEE DEPT FOR REFERENCE NUMBERS

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

THEATRE

INTR PERFORMING ARTS THRTRE 106 3 CREDITS
6729005 MW 9:00-9:50
MEETS: AUG 20-DEC 14

THEATRE AND SOCIETY THRTRE 110 3 CREDITS
1103005 A TR 9:30-10:30
MEETS: AUG 20-DEC 14

CONCERT&THTRE DANCE THRTRE 224 .5-2 CREDITS
Prereq: BY AUDITION ONLY
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
6731005 1 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 1 OFFERED FOR .5 CREDIT ONLY

6731010 2 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 2 OFFERED FOR 1 CREDIT ONLY

6731015 3 ARRANGED
MEETS: AUG 20-DEC 14
Note: SECTION 3 OFFERED FOR 2 CREDITS ONLY

THEATRE PRACTICUM THRTRE 250 1-2 CREDITS
6732005 A M 5:10-6:00PM
ARRANGED
MEETS: AUG 20-DEC 14

6732010 B ARRANGED
MEETS: AUG 20-DEC 14

ACTING I THRTRE 251 3 CREDITS
6733005 A MW 2:10-3:00
MEETS: AUG 20-DEC 14

6733010 B MW 11:00-11:50
MEETS: AUG 20-DEC 14

6733015 C TR 11:00-12:15
MEETS: AUG 20-DEC 14

6733020 D MW 10:00-10:50
MEETS: AUG 20-DEC 14

INTR THEATRICAL PROD THRTRE 255 4 CREDITS
6734005 A MW 1:10-2:00
M 2:10-3:00
MEETS: AUG 20-DEC 14

6734010 B MW 1:10-2:00
R 2:10-3:00
MEETS: AUG 20-DEC 14

6734015 C MW 1:10-2:00
W 2:10-3:00
MEETS: AUG 20-DEC 14

6734020 D MW 1:10-2:00
F 2:10-3:00
MEETS: AUG 20-DEC 14

SCRIPT ANALYSIS THRTRE 263 3 CREDITS
6763005 MW 11:00-11:50
MEETS: AUG 20-DEC 14

SPECIAL PROJECTS THRTRE 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

MUSICAL THEATRE I THRTRE 354 3 CREDITS
Prereq: 251 OR MUSIC 313 OR 3 CREDITS IN DANCE
3130005 A TR 9:30-10:50
MEETS: AUG 20-DEC 14

THEATRE

STAGE MAKE-UP THRTRE 357 2 CREDITS
6739005 A TR 2:10-3:30, ARRANGED
MEETS: AUG 20-DEC 14

ORAL INTERPRETATION THRTRE 358 3 CREDITS
6740005 A MW 11:10-12:00
MEETS: AUG 20-DEC 14

6740010 B TR 12:40-2:00
MEETS: AUG 20-DEC 14

THEATRICAL DESIGN I THRTRE 365 3 CREDITS
Prereq: 255
7919005 MW 10:00-10:50
MEETS: AUG 20-DEC 14

ACTING III THRTRE 451 3 CREDITS
Prereq: 351 AND PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO PERF MAJORS ONLY.
MINORS OBTAIN SIGNATURE OF INSTRUCTOR - PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES CENTER.
6760005 TR 2:10-3:25
MEETS: AUG 20-DEC 14

DIRECTING I THRTRE 455 3 CREDITS
Prereq: 255; 263; 251 RECOMMENDED
6747005 TR 12:40-2:00
MEETS: AUG 20-DEC 14

HIST OF THEATRE I THRTRE 465 3 CREDITS
Prereq: HIST 201 OR EQUIVALENT
Note: Available for nonmajors graduate credit
6748005 TR 11:00-12:15
MEETS: AUG 20-DEC 14

ADV THEATRE PRACTICUM THRTRE 469 1-3 CREDITS
Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATION
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THRTRE 490 1-3 CREDITS
Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN PROPOSAL, JUNIOR CLASSIFICATION
Note: NO MORE THAN 9 CREDITS OF THRTRE 490 MAY BE APPLIED TOWARD GRADUATION
****** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY THRTRE 490H 1-3 CREDITS
Prereq: 9 CREDITS IN THEATRE, JR CLASSIFICATION, PERMISSION OF DEPT CHAIR
Note: COURSE RESTRICTED TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY
7246005 ARRANGED
MEETS: AUG 20-DEC 14

THEATRE INTERNSHIP THRTRE 499 1-8 CREDITS
Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL
6765005 TR 1:10-3:25
MEETS: AUG 20-DEC 14

SPECIAL TOPICS THRTRE 590 1-4 CREDITS
Prereq: APPROVED WRITTEN PROPOSAL
Note: Permission of department chair required.
****** SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

FOOD MICROBIOLOGY TOX 420 3 CREDITS
Prereq: MICRO 201 OR MICRO 302
Note: Available for nonmajor graduate credit
6765005 MW 10:00-10:50
MEETS: AUG 20-DEC 14

PRIN OF TOXICOLOGY TOX 501
Prereq: BBMB 404 OR EQUIVALENT
6767005 TR 2:10-3:30
MEETS: AUG 20-DEC 14

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
7126005 T 4:10-5:00
MEETS: AUG 20-DEC 14

REGULATORY TOXICOLOGY TOX 515 1 CREDIT
Prereq: BBMB 404 OR PS HM 403
4387005 ARRANGED
MEETS: AUG 20-DEC 14
### UNIVERSITY STUDIES

#### FIRST-YR SMNR I: HIX

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#### CARVER FRSHMN SEMNR

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#### WESTERN TECHNICAL PROGRAM

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#### INDEPENDENT STUDY

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**Note:** Department permission required.

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**Note:** Meets U.S. diversity requirement. **Note:** Meets U.S. diversity requirement.

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VET DIAGNOSTIC & PRODUCTION AN MED

CLINICAL FOUNDATIONS VDPAM 340 1 CREDIT
Prereq: CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4872005 1 ARRANGED
MEETS: AUG 20–DEC 14
4872010 2 ARRANGED
MEETS: AUG 20–DEC 14
Note: SECTION 2 FOR VM NE STUDENTS ONLY
ADV DAIRY INFORMATICS VDPAM 402 2 CREDITS
Prereq: VDPAM 309 or permission of instructor
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
Available for nonmajor graduate credit
2547005 1 ARRANGED
MEETS: AUG 20–DEC 14
2547010 2 ARRANGED
MEETS: AUG 20–DEC 14
VET PRACTICE MGT IORG VDPAM 409 2 CREDITS
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
8766005 ARRANGED
MEETS: AUG 20–DEC 14
BOVIN REPROD EV LAB VDPAM 416 1 CREDIT
Prereq: CLASSIFICATION AS A THIRD YEAR STUDENT IN VETERINARY MEDICINE. 10 STUDENTS PER SECTION
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
5110005 1 M 11:10–5:00
MEETS: OCT 15–DEC 14
5110010 2 W 11:10–5:00
MEETS: OCT 15–DEC 14
5110015 3 F 11:10–5:00
MEETS: OCT 15–DEC 14
5110020 4 M 11:10–5:00
MEETS: AUG 20–OCT 12
5110025 5 W 11:10–5:00
MEETS: AUG 20–OCT 12
5110030 6 F 11:10–5:00
MEETS: AUG 20–OCT 12
ADV SWI PRD INFNTCS VDPAM 419 1 CREDIT
Prereq: VDPAM 309 or permission of instructor
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
Available for nonmajor graduate credit
8709005 F 7:10–7:50
MEETS: AUG 20–DEC 14
PRECPTRSP V MED PRA VDPAM 420 1–6 CREDITS
Prereq: CLASSIFICATION AS A FOURTH YEAR STUDENT IN VETERINARY MEDICINE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
9072005 1 ARRANGED
MEETS: AUG 20–DEC 14
9072010 2 ARRANGED
MEETS: AUG 20–DEC 14
9072015 3 ARRANGED
MEETS: AUG 20–DEC 14
9072020 4 ARRANGED
MEETS: AUG 20–DEC 14
9072025 5 ARRANGED
MEETS: AUG 20–DEC 14
APPLIED MED CALVING VDPAM 421A 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4419005 ARRANGED
MEETS: AUG 13–18
APP MED BULL BREEDI VDPAM 421B 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4417005 ARRANGED
APP MED MEANING MGT VDPAM 421E 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4426005 1 ARRANGED
MEETS: OCT 9–12
4426010 2 ARRANGED
MEETS: OCT 15–19
4426015 3 ARRANGED
MEETS: OCT 22–26
APP MED PREGNC EXAM VDPAM 421F 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4427005 1 ARRANGED
MEETS: SEPT 24–28
4427010 2 ARRANGED
MEETS: OCT 9–12
4427015 3 ARRANGED
MEETS: OCT 15–19
4427020 4 ARRANGED
MEETS: OCT 22–26
VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)
APP MED BOV REPRODU VDPAM 421G 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4460005 ARRANGED
MEETS: OCT 29–NOV 2
APPLIED MED LAMBING VDPAM 421J 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4476005 ARRANGED
APP MED PRECONDITI VDPAM 421M 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4545005 1 ARRANGED
MEETS: SEPT 4–7
4545010 2 ARRANGED
MEETS: SEPT 10–14
4545015 3 ARRANGED
MEETS: SEPT 24–28
APP MED GOMER SURGY VDPAM 421P 1 CREDIT
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4570005 ARRANGED
MEETS: NOV 5–9
APP MD CATTL PROCG VDPAM 422B 2 CREDITS
Prereq: VDPAM 310; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4578005 ARRANGED
MEETS: SEPT 24–OCT 7
APP BEEF MED FEEDLT VDPAM 422C 2 CREDITS
Prereq: VDPAM 310; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4578005 ARRANGED
APP BF MED CONSULTI VDPAM 422D 2 CREDITS
Prereq: VDPAM 310; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4591005 ARRANGED
MEETS: OCT 22–NOV 4
APP MED CATTL CALVI VDPAM 422E 2 CREDITS
Prereq: VDPAM 310; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4594005 ARRANGED
MEETS: DEC 17–JAN 6
APP MED CTTL STOCKR VDPAM 422F 2 CREDITS
Prereq: VDPAM 310; ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4704005 1 ARRANGED
MEETS: SEPT 10–23
4704010 2 ARRANGED
MEETS: SEPT 24–OCT 7
4704015 3 ARRANGED
MEETS: OCT 22–NOV 4
4704020 4 ARRANGED
MEETS: NOV 5–18
BEEF RECORDS ANALYS VDPAM 436 1–2 CREDITS
Prereq: 1ST, 2ND OR 3RD YEAR CLASSIF IN VET MED OR PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 1 CREDIT FALL 2012. RESTRICTED TO VET MED STUDENTS ONLY.
4535005 1 T 12:10–1:00
MEETS: AUG 20–DEC 14
4535010 2 ARRANGED
MEETS: AUG 20–DEC 14
DAIRY HERD PROBL ID VDPAM 437 2 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6425005 ARRANGED
MEETS: AUG 20–DEC 14
MASTITS PROB INVESTG VDPAM 438 2 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6681005 ARRANGED
MEETS: AUG 20–DEC 14
COWS&CALF PROB:NUTRI VDPAM 439 2 CREDITS
Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6422005 ARRANGED
MEETS: AUG 20–DEC 14
VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

DISTURB OF REPROD
VDPAM 450 4 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
Department permission required lst week.
6872005
MTWR 10:00-10:50

DIAGNOS LAB PRACTCM
VDPAM 455 1 CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6827005
MTWR 1:10-5:00

VET DIAGN LAB MTHDS
VDPAM 456 1 CREDIT
Prereq: CLASSIFICATION AS A SECOND, THIRD OR
FOURTH YEAR STUDENT IN VETERINARY MEDICINE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
8703005
W 7:00-7:50
MEETS: AUG 20-DEC 14

ADV STCKR/FDLT MED
VDPAM 464 2 CREDITS
Prereq: 310
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
MEETS: OCT 8-21
9311005

FD AN&CAM FIELD SRV
VDPAM 476 2 CREDITS
Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN
VETERINARY MEDICINE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
8725005
MTWR 8:00-5:00
MEETS: AUG 20-DEC 14

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 8:00-5:00

SWINE PRODCTN MED
VDPAM 480 2 CREDITS
Prereq: VDPAM 310 OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
MEETS AUG 27-SEPT 9 & OCT 8-21
5572005
1 ARRANGED
MEETS: AUG 27-SEPT 9
5572010
2 ARRANGED
MEETS: OCT 8-21

BF PROD MED PRECPTR
VDPAM 482 1-6 CREDITS
Prereq: VDPAM 310 AND PERMISSION OF INSTRUCTOR;
ABILITY TO PROVIDE TRANSPORTATION TO EACH SITE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
4331005
ARRANGED

BEEF PRODUCTION MED
VDPAM 483 2 CREDITS
Prereq: VDPAM 310
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
5562005
1 MTWR 8:00-11:50
MEETS: SEPT 24-OCT 7
5562010
2 MTWRF 8:00-11:50
MEETS: OCT 22-NOV 4

DAIRY PRODCTN MED
VDPAM 484 2 CREDITS
Prereq: VDPAM 310; FOURTH-YEAR CLASSIFICATION IN
VETERINARY MEDICINE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
5609005
MTWR 8:00-11:50
MEETS: AUG 13-26
APP DAIRY PROD MED
VDPAM 485 1-6 CREDITS
Prereq: VDPAM 484
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
5431005
1 ARRANGED
MEETS: AUG 20-DEC 14
5431010
2 ARRANGED
MEETS: AUG 20-DEC 14
5431015
3 ARRANGED
MEETS: AUG 20-DEC 14
5431020
4 ARRANGED
MEETS: AUG 20-DEC 14

ADV SM RUMN PROD MD
VDPAM 495 2 CREDITS
Prereq: VDPAM 486, FOURTH YEAR CLASSIFICATION IN
VETERINARY MEDICINE, OR PERMISSION OF INSTRUCTOR
9309005
ARRANGED
MEETS: NOV 5-16

INT'L PRECEPTORSHIP
VDPAM 496 1-12 CREDITS
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only
7400005
1 TR 10:00-2:00
TR 2:10-4:00
MEETS: AUG 21-SEPT 20

INTRO DNA TECHNIQS
VDPAM 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only
7124005
1 TR 10:00-2:00
TR 2:10-4:00
MEETS: SEPT 25-OCT 25

CLIN DIAGN DIAGNOS TOXIC
VDPAM 546 1-3 CREDITS
Prereq: VDPAM 505, FOURTH YEAR CLASSIFICATION IN
V MED
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

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

CLIN DIAGN TOXIC
VDPAM 546 1-3 CREDITS
Prereq: VDPAM 505, FOURTH YEAR CLASSIFICATION IN
V MED
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

ADV VET DIAGNOS LAB
VDPAM 551 1-3 CREDITS
Prereq: VDPAM 455
4233005
ARRANGED
MEETS: AUG 20-DEC 14

VETERINARY CLINICAL SCIENCES

VET IN SOCIETY I
V C S 311 R CREDIT
Prereq: FIRST-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
Satisfactory-Fail Only
6002005
F 9:00-9:50
BALDWIN C
MEETS: AUG 20-DEC 14
VETERINARY CLINICAL SCIENCES

**VET IN SOCIETY III**  V C S 313  1 CREDIT
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6064005  M 8:00-9:50  HOWARD-MARTIN M
MEETS: AUG-20-DEC 14

VET IN SOCIETY IV  V C S 314  1 CREDIT
Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6066005  M 9:00-9:50  BAGLEY R
MEETS: AUG-20-DEC 14

CLINICL FOUNDATNS I  V C S 339  1 CREDIT
Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
8079005  1 F 11:00-11:50  T 9:00-10:50
R 9:30-10:50  MEETS: AUG-20-DEC 14

SEMINAR  V C S 385  R CREDIT
Prereq: CLASSIFICATION IN VETERINARY MEDICINE
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
Satisfactory-Fail Only.
7446005  T 9:00-8:00  CASTON S
MEETS: AUG-20-DEC 14

CLINICAL IMAGING I  V C S 391  1 CREDIT
Prereq: FIRST-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6868005  1 W 2:10-3:00  MILES K
MEETS: AUG-20-DEC 14
6868010  2 F 2:10-3:00  MILES K
MEETS: AUG-20-DEC 14

PRINCIP OF SURGERY  V C S 393  3 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6869005  1 M 11:00-11:50  BOOTH L
T 10:00-10:50  F 8:00-8:50
MEETS: AUG-20-DEC 14

Note: THE TUESDAYS LECTURE WILL NOT MEET IN WEEKS WHEN LAB IS HELD.
6869010  2 M 11:00-11:50  BOOTH L
T 10:00-10:50  F 8:00-8:50
MEETS: AUG-20-DEC 14
Note: THE TUESDAY LECTURE WILL NOT MEET IN WEEKS WHEN LAB IS HELD.

CLINICAL CARDIOLOGY  V C S 402  1 CREDIT
Prereq: THIRD OR FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE, VCS 444 OR CONCURRENT ENROLLMENT IN VCS 444
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6871005  M 12:10-1:00  WARE W
MEETS: OCT-15-DEC 14

FELINE INTERNAL MED  V C S 407  1 CREDIT
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6875005  T 12:10-1:00  DEITZ K
MEETS: AUG-20-DEC 14

ONCOLOGY  V C S 409  1-2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
9213005  MTWRFS 8:00-5:00  FOX L

ADV SML AN DERMATOL  V C S 415  2 CREDITS
Prereq: THIRD OR FOURTH-YR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
7778005  ARRANGED  MAY E

PRECEPTOR COMPAN/EO  V C S 419  2-6 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE
1664005  ARRANGED  REINERSON E
Note: PROCESS APPROVED ADD SLIP IN 2270A VET MED
Permission of instructor required. Process Approved add slip in 2270A Vet Med.

BLANK PK ZOO ROTATN  V C S 422  4 CREDITS
Prereq: V C S 405, FOURTH-YEAR CLASSIFICATION IN V MED, PERMISSION OF INSTRUCTOR
1166005  MTWRF 8:00-5:00  OLDS J

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VETERINARY CLINICAL SCIENCES (CONTINUED)

SM ANIM INTERM MED  V C S 436  3 CREDITS
Prereq: 3RD YR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
3915005  TWR 9:00-9:50  NOXON J
MEETS: AUG-20-DEC 14

SM ANIM SHELTR MED  V C S 437  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
7944005  MTWRF 8:00-5:00  BALDWIN C

CANINE REHABILITATN  V C S 441  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
9232005  MTWRF 8:00-5:00  BERGH M

SMALL ANIMAL MED  V C S 444  4 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
Instructor permission required 1st week.
6883005  1 MFR 8:00-8:50  NOXON J
F 9:00-9:50
MEETS: AUG-20-DEC 14

EQUINE MEDICINE  V C S 445  2 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
6884005  T 1:10-2:00  WONG D
R 1:10-1:50
MEETS: AUG-20-DEC 14

CLINICAL NEUROLOGY  V C S 446  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
5112005  MTWRF 8:00-5:00  JEFFERY N

SURG LAB NEU H SOC  V C S 449A  3 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
Department permission required 1st week.
7010008  1 W 11:00-11:50  TOOMBS J
F 1:10-6:00  TOOMBS J
MEETS: AUG-20-DEC 14

TRADITIONL SURG LAB  V C S 449B  3 CREDITS
Prereq: THIRD-YEAR CLASSIFICATION IN V MED
Note: MUST ALSO BE CONCURRENTLY ENROLLED IN SAME
SECTION NUMBER OF V C S 440. RESTRICTED TO VET MED STUDENTS ONLY.
7662005  1 W 11:00-11:50  TOOMBS J
M 1:10-6:00  TOOMBS J
7662010  2 W 11:00-11:50  TOOMBS J
W 1:10-6:00  TOOMBS J
7662015  3 W 11:00-11:50  TOOMBS J
F 1:10-6:00  TOOMBS J
MEETS: AUG-20-DEC 14

CLINICAL DERMATOLOGY  V C S 452  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE. MUST HAVE INSTRUCTOR PERMISSION TO REPEAT THIS COURSE.
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
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 FOURTH-YEAR VET MED STUDENTS
6889005  MTWRFS 8:00-5:00  MORRISON J

SMALL ANIMAL MED II  V C S 454  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6890005  MTWRFS 8:00-5:00  MORRISON J

SM AN SOFT TISS SUR  V C S 455  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6891005  MTWRFS 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 FOURTH-YEAR VET MED STUDENTS
6892005  MTWRFS 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 FOURTH-YEAR VET MED STUDENTS
6893005  MTWRFS 8:00-5:00  WONG D

EQUINE SURGERY  V C S 458  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
6894005  MTWRFS 8:00-5:00  MCLURE S
VETERINARY CLINICAL SCIENCES (CONTINUED)

FALL 2012

SM AN OVERPOP OMHA V C S 459A 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
4050005 ARRANGED BALDWIN C

SM AN OVERPOP D.M. V C S 459B 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
4107010 ARRANGED BALDWIN C
Note: DES MOINES

SM AN OVERPOP K.C. V C S 459C 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
4313015 ARRANGED BALDWIN C
Note: KANSAS CITY

RADIOLOGY V C S 460 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6896005 MTRFRS 8:00-5:00 MILES K

PRIMARY CARE V C S 463 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
2322005 MTRFRS 8:00-5:00 ZAFFARANO B

EQUINE FIELD SERVIC V C S 464 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
4247005 MTRFR 8:00-5:00 THOMPSON L

FARRIER V C S 465 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, 457, 458
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
7756005 MTRFRS 8:00-5:00 MCCURLE S

VET ANESTHESIOLOGY V C S 466 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6896005 MTRFRS 8:00-5:00 KRAUS B

PAIN MANAGEMENT V C S 467 1-2 CREDITS
9108005 MTRFR 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 FOURTH-YEAR VET MED STUDENTS
6900005 ARRANGED CURTIS M

OPHTHALMOLOGY V C S 469 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6901005 MTRFRS 8:00-5:00 WHITLEY R

RADIOLOGY V C S 470 VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, 460 RECOMMENDED
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

CMARTY ANIM REPROD V C S 471C 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

EQUINE REPRODUCTION V C S 471E VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

SM L ANIM REPRODUCTN V C S 471S VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

SMALL ANIMAL MED V C S 472 VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURG ORTHO V C S 473O 1 CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

SML AN SURG SOFT TIS V C S 473S 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

EQUINE MEDICINE V C S 474M VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

EQUINE SURGERY V C S 474S VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

EQUINE ANESTHESIOLOGY V C S 476E 1-2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

EQUINE ANESTHESIOLOGY V C S 476S 1-2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

EQUINE SURGERY V C S 479 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, VCS 469
Note: Permission of instructor required, Process approved add slip in 2270A Vet Med.
******** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY DENTISTRY V C S 480 1 CREDIT
Prereq: THIRD OR FOURTH-YR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
2247005 T 11:00-7:00PM MEETS: AUG 20-DEC 10

ADV SM AN ORTHO SUR V C S 483O 2 CREDITS
Prereq: VM 4 CLASSIFICATION AND V C S 473
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
2972005 ARRANGED

ADV SM AN SOFT SURG V C S 483S 2 CREDITS
Prereq: VM 4 CLASSIFICATION AND V C S 473
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
3076005 ARRANGED

INDEPENDENT STUDY V C S 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO VET MED STUDENTS IN THE UNIVERSITY HONORS PROGRAM
******** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS V C S 490H VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
Note: COURSE RESTRICTED TO VET MED STUDENTS IN THE UNIVERSITY HONORS PROGRAM
******** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR V C S 495 R CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
Satisfactory-Pass Only
6914005 P 8:00-8:15MEETS: AUG 20-DEC 14

INT'L PRECEPTORSHIP V C S 496 1-12 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
6094005 A ARRANGED MEETS: AUG 20-DEC 14

SPL TOPICS MEDICINE V C S 590A 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO THE UNIVERSITY HONORS PROGRAM
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SURGERY V C S 590B 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO THE UNIVERSITY HONORS PROGRAM
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP THERIOGENOL V C S 590C 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO THE UNIVERSITY HONORS PROGRAM
******** SEE DEPT FOR REFERENCE NUMBERS
### Veterinary Clinical Sciences

**VETERINARY MICROBIOLOGY & PREV MED**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Catalog Code</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Meets</th>
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<td>Creative Component</td>
<td>V C S 599</td>
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<td>Seminar</td>
<td>V C S 604</td>
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<td>Advanced Radiology</td>
<td>V C S 640</td>
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<td>Credits</td>
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<td>Adv. General Surgery</td>
<td>V C S 671</td>
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<td>Adv. Special Surgery</td>
<td>V C S 672</td>
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<td>Advanced Medicine</td>
<td>V C S 676</td>
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<td>Advanced Medicine</td>
<td>V C S 677</td>
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<td>Research Medicine</td>
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<td>Research Surgery</td>
<td>V C S 699B</td>
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<td>Rsrch Theriogenology</td>
<td>V C S 699C</td>
<td>VAR.</td>
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<td>Rsrch Anesthesiology</td>
<td>V C S 699E</td>
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<td>Veterinary Microbiology</td>
<td>V MPM 386</td>
<td>5</td>
<td>Credits</td>
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<td>V MPM 310 or V MPM 575</td>
<td>3 CR IN BIOCHEM</td>
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<td>Note: Credit for either V MPM 120 or Micro/V MPM 575, but not both, may be applied toward graduation</td>
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<td>Medical Immunology I</td>
<td>V MPM 520</td>
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<td>Medical Immunology II</td>
<td>V MPM 521</td>
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<td>V MPM 520</td>
<td>3 CR IN BIOCHEM</td>
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<td>Infectious Disease</td>
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<td>Infectious Disease</td>
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<td>CDC Epidemiology Preceptor</td>
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<td>Zoo Preceptorship</td>
<td>V MPM 494</td>
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<td>Microbes Genetics</td>
<td>V MPM 502</td>
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<td>V MPM 520, 671, 672, 673</td>
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<td>Note: Course restricted to Vet Med students only</td>
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<td>Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.</td>
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<td>Note: Course restricted to Vet Med Students only</td>
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<td>Note: Second Year Classification in V Med</td>
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| **VETERINARY PATHOLOGY**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Catalog Code</th>
<th>Credits</th>
<th>Prerequisites</th>
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<td>Anatomic Pathol I</td>
<td>V PTH 372</td>
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<td>Credits</td>
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<td>V MPM 310 or V MPM 575</td>
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<td>Veterinary Parasitology</td>
<td>V PTH 376</td>
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<td>Note: Permission of instructor</td>
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<td>Note: Course restricted to Vet Med Students only</td>
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VETERINARY PATHOLOGY  (CONTINUED)

CASE STUDY III  V PTH 377  2 CREDITS
Prereq: 2ND-YEAR CLASSIFICATION IN VET MED
6956005  M 8:00-8:50  YAEGGER M
R 8:00-9:50  YAEGGER M
MEETS: AUG 20-DEC 14

BASICS MED TERMINOL  V PTH 401  1 CREDIT
7000005  MW 12:10-1:00  WHITLEY E
MEETS: AUG 20-OCT 12

NECROPSY LAB PRACT  V PTH 456  1 CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
7007005  MTHRFR 1:10-9:00  WHITLEY E
S 10:00-11:50  WHITLEY E

CLIN PATH LAB PRACT  V PTH 457  1 CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO VET MED STUDENTS ONLY
7008005  MTHRFR 8:00-11:50  FLAHERTY H

MOLEC BIOL PROTOZOA  V PTH 478  3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Available for non-major graduate credit
7413000  TR 11:00-12:15  BEETHAM J
MEETS: AUG 20-DEC 14

INDEPENDENT STUDY  V PTH 490  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR
Note: Instructor permission required. Process approved add slip in 2270A Vet Med.

TEACH&LRN VET ED V PTH 520  3 CREDITS
7482005  ARRANGED  DANIELSON J
MEETS: AUG 20-DEC 14

DIAGN PARASITOL LAB  V PTH 548  1-3 CREDITS
Prereq: 376 OR 576
9668005  ARRANGED  JARVINEN J
MEETS: AUG 20-DEC 14

CLIN PATHOLOGY LAB  V PTH 549  1 CREDIT
Prereq: 457, PERMISSION OF INSTRUCTOR
Note: Instructor permission required. Satisfactory-Fail Only.
7037005  ARRANGED  ANDREASEN C
MEETS: AUG 20-DEC 14

POSTMORT PATHOL LAB  V PTH 551  1-3 CREDITS
Prereq: 542, PERMISSION OF INSTRUCTOR
Note: Instructor permission required. Satisfactory-Fail Only.
7038005  MTHRFR 1:10-5:00  FALES-WILLIAMS A
S 10:00-11:50  FALES-WILLIAMS A
MEETS: AUG 20-DEC 14

SYSTEMIC PATHOLOGY I  V PTH 570  4 CREDITS
Prereq: 342 OR 542, PERMISSION OF INSTRUCTOR
7020005  ARRANGED  JARVINEN J
MEETS: AUG 20-DEC 14

VET PARASITOLOGY  V PTH 576  4 CREDITS
Prereq: GRADUATE CLASSIFICATION, 542
9012005  1 TWR 11:00-11:50  JARVINEN J
1 TR 11:00-11:50  JARVINEN J
1 2 TWR 11:00-11:50  JARVINEN J
TR 3:10-4:30  JARVINEN J
MEETS: AUG 20-DEC 14

MOLEC BIOL PROTOZOA  V PTH 578  3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
7567005  TR 11:00-12:15  BEETHAM J
MEETS: AUG 20-DEC 14

SPL TOPC VET PATHOL  V PTH 590A  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

SPL TOP VET PARASIT  V PTH 590B  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

SP TOP VET CLIN PTH  V PTH 590D  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

VETERINARY PATHOLOGY  (CONTINUED)

SPECIAL TOPICS  V PTH 590E  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

VRTV CMP VET PATHOL  V PTH 599A VAR. CREDITS

VRTV CMP V PARASIT  V PTH 599B VAR. CREDITS

VRTV CMP VET PATHOL SEMINAR  V PTH 604  1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7027005  R 12:10-1:00
MEETS: AUG 20-DEC 14

CURR TOPICS SEMINAR  V PTH 605  1 CREDIT

DIAG INTERP V PATH  V PTH 606A  R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7029005  ARRANGED  ACKERMANN M
MEETS: AUG 20-DEC 14

DIAG INTERP V PARASIT  V PTH 606B  R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7030005  ARRANGED  JARVINEN J
MEETS: AUG 20-DEC 14

DIAG INTERP V TOXICOL  V PTH 606C  R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
5787005  ARRANGED  JARVINEN J
MEETS: AUG 20-DEC 14

INTRO WOMEN'S STUDI  W S  201  3 CREDITS
Note: Meets U.S. diversity reqmt
2484005  5 M 9:00-10:50  JONES M
W 9:00-10:50  JONES M
MEETS: AUG 20-DEC 14

GENDER JUSTICE W S  160  1 CREDIT
Note: Meets U.S. diversity reqmt

VET PATHOLOGY RSRCH  V PTH 699A VAR. CREDITS

VET PARASITOLOGY RSRCH  V PTH 699B VAR. CREDITS

SPL TOPC VET PATHOL  V PTH 590A  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

SPL TOP VET PARASIT  V PTH 590B  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

SP TOP VET CLIN PTH  V PTH 590D  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
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**Notes:**
- Meets international perspectives reqmt.
- Restricted to students with full admission to the University Teacher Education Program.
- Available for nonmajor graduate credit.
- Live viewing available TW 6-7:30 PM or students have the option to view lectures at a later time.
- Section XE is off campus.
- Course delivery is Videostreaming.