

# Spring Semester 2012

Classes Begin	January 9
University Holiday	January 16
Spring Break	March 12-16
Final Exams	April 30-May 4
Commencement	May 5 (undergraduate)

## Registration Start Dates for Spring 2012

Veterinary Medicine students:	Wednesday, October 19
Graduate students:	Wednesday, October 19-Friday, October 21
All seniors:	Thursday, October 20-Wednesday, October 26
Projected juniors:	Thursday, October 27-Wednesday, November 2
Projected sophomores:	Thursday, November 3-Wednesday, November 9
Continuing freshmen:	Thursday, November 10-Thursday, November 17

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

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# Key Dates, Deadlines, Information

## 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 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.

## Emergency Contact List

A new addition to AccessPlus allows students, faculty and staff to designate several emergency contacts in order of preference. In an emergency, officials would start at the top of an individual's contact list and keep trying until reaching one of the contacts. To designate emergency contacts: Sign onto AccessPlus, Click "Emergency Contact" in the left column . Up to five contacts may be identified and ranked in the order to contact

## Fee Payment Deadlines

Fee payment deadlines for Spring 2012 are January 20, February 20, and March 20 for deferred billing. A \$20 deferred billing charge is assessed. Contact Accounts Receivables for information.

## Graduation Information

If planing to graduate this spring 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 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.

## Room Assignments

Room assignments will be shown on AccessPlus class schedules on Monday, December 5. To find a map of class room locations go to the ISU index under Classroom abbreviations.

## Schedule Changes

Schedule changes may be made using AccessPlus Registration through Friday, January 13. 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](mailto:answercenter@iastate.edu).

# University Calendar Spring 2012

Jan. 2, Mon.	<ul style="list-style-type: none"> <li>• University holiday- offices closed</li> <li>• University bills with Spring 2012 tuition and fees charges available on AccessPlus <a href="http://accessplus.iastate.edu">http://accessplus.iastate.edu</a></li> </ul>	Feb. 10, Fri.	<ul style="list-style-type: none"> <li>• Last day to drop a first half-semester course without extenuating circumstances.</li> <li>• Last day to change a first half-semester course to or from Pass/Not Pass. Courses changed to graded basis after Jan. 23 count toward total allowable P/NP credits used for graduation.</li> <li>• Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat.</li> </ul>
Jan. 4, Wed.	<ul style="list-style-type: none"> <li>• Schedule of Classes for Summer 2012 available for viewing on the Web at <a href="http://classes.iastate.edu/">http://classes.iastate.edu/</a></li> </ul>	Feb. 14, Tues.	<ul style="list-style-type: none"> <li>• Last day to change degree audit information for spring.</li> </ul>
Jan. 6, Fri.	<ul style="list-style-type: none"> <li>• 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. Jan. 8, without a late registration fee.</li> <li>• Last day to cancel registration by contacting the Office of the Registrar by 5 p.m. Registration may be cancelled via AccessPlus without tuition assessment until 11 p.m. Jan. 8.</li> </ul>	Feb. 18, Sat	<ul style="list-style-type: none"> <li>• Schedule of Classes for Fall 2012 available for viewing on the Web at <a href="http://classes.iastate.edu/">http://classes.iastate.edu/</a></li> </ul>
Jan. 8, Sun	<ul style="list-style-type: none"> <li>• Last day to initiate registration for spring through AccessPlus without a late registration fee. Registration must be completed by 11 p.m.</li> <li>• Last day to cancel registration on AccessPlus for spring to avoid tuition assessment. All courses must be dropped on AccessPlus by 11 p.m.</li> </ul>	Feb. 20, Mon.	<ul style="list-style-type: none"> <li>• Fee payment deadline, spring. Second payment (minimum due).</li> <li>• Departments proof the preliminary Spring 2013 Schedule of Classes on the web at <a href="http://classes.iastate.edu/">http://classes.iastate.edu/</a></li> </ul>
Jan. 10, Mon.	<ul style="list-style-type: none"> <li>• Class work begins.</li> <li>• Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center.</li> </ul>	Feb. 21, Tues.	<ul style="list-style-type: none"> <li>• Registration Authorization Cards for Summer 2012 and Fall 2012 registration distributed to colleges, if applicable.</li> </ul>
Jan. 12, Thurs.	<ul style="list-style-type: none"> <li>• Tentative Spring 2013 course offering due in Registrar's Office.</li> </ul>	Feb. 27, Mon.	<ul style="list-style-type: none"> <li>• Textbook &amp; Supply requisitions for summer classes due to University Bookstore.</li> </ul>
Jan. 13, Fri.	<ul style="list-style-type: none"> <li>• Last day to process most schedule changes without a fee or to add/drop a course without signatures of instructor and adviser (full-semester courses and first half-semester courses).</li> <li>• Last day to drop full-semester or first half-semester courses without the drop appearing on the permanent record or counting toward the limit of dropped courses.</li> <li>• Last day to process a schedule change for spring through AccessPlus registration.</li> <li>• Last day to initiate registration through AccessPlus. A late registration fee applies.</li> <li>• Last day to change a full-semester course from audit to credit basis.</li> <li>• Graduate College applications for graduation for Spring 2012 are due in the Graduate College, 1137 Pearson Hall.</li> </ul>	March 1, Thurs.	<ul style="list-style-type: none"> <li>• Deadline for submitting approved, new experimental course announcement forms (with all signatures) for Summer 2012 to the Registrar's Student Scheduling Office, 10 Enrollment Services Center.</li> </ul>
Jan. 14, Sat.	<ul style="list-style-type: none"> <li>• Last day to return textbooks for refund to University Book Store. Exclusions apply. See <a href="http://www.isubookstore.com">www.isubookstore.com</a> for details.</li> </ul>	March 2, Fri., noon	<ul style="list-style-type: none"> <li>• Deadline for departments to notify Registrar's Student Scheduling Office of corrections to Spring 2013 Schedule of Classes.</li> </ul>
Jan. 16, Mon.	<ul style="list-style-type: none"> <li>• University holiday—offices closed, classes recessed.</li> </ul>	March 2, Fri. 2:15 p.m	<ul style="list-style-type: none"> <li>• Midterm grade reports due from all departments on WebCT, Blackboard and AccessPlus.</li> </ul>
Jan. 20, Fri..	<ul style="list-style-type: none"> <li>• Fee payment deadline for spring. First payment (minimum due) or payment in full.</li> </ul>	March 2, Fri.	<ul style="list-style-type: none"> <li>• First half-semester courses end.</li> </ul>
Jan. 23, Mon.	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Last day to elect to audit a full-semester course for spring. The instructor of the course must approve an audit.</li> </ul>	March 5, Mon.	<ul style="list-style-type: none"> <li>• Second half-semester courses begin.</li> <li>• Advising period for Summer and Fall 2012 registration begins.</li> </ul>
Jan. 24, Tues.	<ul style="list-style-type: none"> <li>• Fall Semester 2012 Schedule of Classes proof copy due in Registrar's Office, with or without changes</li> </ul>	March 9, Fri.	<ul style="list-style-type: none"> <li>• Last day to process most schedule changes in a second half-semester course without a fee or to add/drop a second half-semester course without signatures of instructor and adviser.</li> <li>• Last day to drop a second half-semester course without the drop appearing on the permanent record or counting toward the limit of dropped courses.</li> <li>• Last day to change a second half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation.</li> </ul>
		March 12-16, Mon.-Fri.	<ul style="list-style-type: none"> <li>• Spring break, classes recessed.</li> </ul>
		March 15 Thurs.	<ul style="list-style-type: none"> <li>• Last day for departments to make Summer or Fall 2011 course offering changes before registration begins (Room Scheduling must approve course limits of 35 and greater).</li> </ul>
		March 19, Mon.	<ul style="list-style-type: none"> <li>• Registration period for Summer 2011 and Fall 2011 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.</li> <li>• First day of assigned Summer 2011 and Fall 2011 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.</li> </ul>

# University Calendar Spring 2012

March 20, Tues.	<ul style="list-style-type: none"> <li>Seniors graduating Summer 2012 or Fall 2012 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, or via <a href="http://www.iastate.edu/~registrar/graduation">www.iastate.edu/~registrar/graduation</a></li> <li>Fee payment deadline, spring semester. Final payment due.</li> <li>First day of assigned Summer 2012 and Fall 2012 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.</li> </ul>	April 19, Thurs.	<ul style="list-style-type: none"> <li>Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.</li> </ul>
March 23 Fri.	<ul style="list-style-type: none"> <li>Last day to add/drop full-semester courses or withdraw without extenuating circumstances.</li> <li>Last day to change a full-semester course to or from Pass/Not Pass. Courses changed to graded basis after Jan. 24 count toward total allowable P/NP credits used for graduation.</li> <li>Last day to file a Designation of Repeated Course form for a full-semester or second half-semester course that is not an automatic designated repeat.</li> <li>Last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee.</li> </ul>	April 20, Fri.,	<ul style="list-style-type: none"> <li>Graduate College last day for final submission of graduate student graduation approval slip.</li> <li>Summer 2012 course enrollment tally by college and year printed for departmental distribution.</li> </ul>
March 26, Mon.	<ul style="list-style-type: none"> <li>Preliminary room assignments for Summer 2012 distributed to departments from Room Scheduling.</li> </ul>	April 21, Sat.	<ul style="list-style-type: none"> <li>Room assignments for Summer 2012 courses displayed in the online Schedule of Classes.</li> <li>Beginning summer class lists available on AccessPlus.</li> </ul>
March 27, Tues	<ul style="list-style-type: none"> <li>First day of assigned Summer 2012 and Fall 2012 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.</li> </ul>	April 24, Tues.	<ul style="list-style-type: none"> <li>End of term textbook buyback begins at University Bookstore.</li> </ul>
April 2, Mon.	<ul style="list-style-type: none"> <li>Textbook &amp; Supply requisitions for fall classes due to University Bookstore.</li> </ul>	May 2, Wed.	<ul style="list-style-type: none"> <li>University bills with Summer 2012 tuition and fees charges available on AccessPlus at <a href="http://accessplus.iastate.edu">http://accessplus.iastate.edu</a></li> </ul>
April 3, Tues.	<ul style="list-style-type: none"> <li>First day of assigned Summer 2012 and Fall 2012 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.</li> </ul>	April 30-May 4, Mon.-Fri.	<ul style="list-style-type: none"> <li>Final examinations.</li> <li>Spring semester ends.</li> <li>Graduate College applications for graduation for Summer 2012 are due in the Graduate College, 1137 Pearson Hall.</li> <li>Graduate College Commencement: <a href="http://www.iastate.edu/~registrar/graduation">www.iastate.edu/~registrar/graduation</a></li> <li>Undergraduate applications for graduation for Summer 2012 and Fall 2012 are due in the Registrar's Graduation Office, 210 Enrollment Services Center.</li> <li>Fall 2012 course enrollment tally by college and year printed for departmental distribution.</li> </ul>
April 5, Thurs.	<ul style="list-style-type: none"> <li>Preliminary room assignments for Summer 2012, with changes, due back to Room Scheduling from departments.</li> </ul>	May 4, Fri.	<ul style="list-style-type: none"> <li>Undergraduate Commencement: <a href="http://www.iastate.edu/~registrar/graduation">www.iastate.edu/~registrar/graduation</a></li> <li>Registration Authorization Cards for new Fall 2012 freshmen distributed to Colleges, if applicable.</li> </ul>
April 10, Tues.	<ul style="list-style-type: none"> <li>First day of assigned Summer 2012 and Fall 2012 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.</li> </ul>	May 5, Sat.	<ul style="list-style-type: none"> <li>Undergraduate Commencement: <a href="http://www.iastate.edu/~registrar/graduation">www.iastate.edu/~registrar/graduation</a></li> </ul>
April 13, Fri.	<ul style="list-style-type: none"> <li>Last day to add/drop a second half-semester course without extenuating circumstances.</li> <li>Last day to change a second half-semester course to or from Pass/Not Pass. Courses changed to graded basis after March 9 count toward total allowable P/NP credits used for graduation.</li> <li>Graduate College: last day for final oral examinations.</li> <li>Deadline for Summer 2012, 12-week and Session I course cancellations due to low enrollment.</li> </ul>	May 7, Mon.	<ul style="list-style-type: none"> <li>Registration Authorization Cards for new Fall 2012 freshmen distributed to Colleges, if applicable.</li> </ul>
April 16, Mon.	<ul style="list-style-type: none"> <li>Last day of assigned registration start dates for Summer 2012 and Fall 2012 registration.</li> </ul>	May 9, Wed., 2:15 p.m	<ul style="list-style-type: none"> <li>Final grades due on WebCT, Blackboard and AccessPlus.</li> </ul>
April 17, Tues.	<ul style="list-style-type: none"> <li>Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation.</li> </ul>	May 10, Thurs.	<ul style="list-style-type: none"> <li>Grade reports available on AccessPlus.</li> </ul>

# Resources

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

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

## College Student Services Offices

Agriculture and Life Sciences .....23 Curtiss ..... 294-8653  
 Business ..... 1200 Gerdin ..... 294-8430  
 Design ..... 297 College of Design ..... 294-6983  
 Engineering ..... 110 Marston ..... 294-3900  
 Graduate College ..... 1137 Pearson ..... 294-4531  
 Human Sciences ..... 0131 MacKay ..... 294-6466  
 Liberal Arts and Sciences ..... 102 Carrie Chapman Catt Hall ..... 294-1522  
 Veterinary Medicine ..... 2540 Veterinary Medicine ..... 294-0772

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

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

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

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

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

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

## Registration Hold Contacts

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

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

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

# 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 2011-2012* catalog for specific requirements for admission. Applications are available through the Iowa State University home page, by clicking on “Apply” under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

### Graduate Students

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

### Nondegree Students

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

## Summer Trial Enrollment

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

### Undergraduate students, both nondegree and degree seeking:

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

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Tuition and Fees area, 0460 Beardshear, at 515-294-1889, or e-mail [reentry@iastate.edu](mailto:reentry@iastate.edu). Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work attempted to the Office of Admissions, 100 Enrollment Services Center.

## Reentering Students

Questions about the registration process, contact:

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

### College student services offices:

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

**Business**  
1200 Gerdin  
294-8430

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

**Engineering**  
202 Marston  
294-3900

**Graduate College**  
1137 Pearson  
294-4531

**Human Sciences**  
0131 MacKay  
294-6466

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

**Veterinary Medicine**  
2540 Vet Med  
294-0772

<i>International Students</i>	All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Tuition and Fees area at 0460 Beardshear Hall. Return all parts of the completed reentry form and related documentation to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking Students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work to the Office of Admissions, 100 Enrollment Services Center. Once reentry has been approved, the reentry form will be forwarded to the Office of International Students and Scholars for financial certification and visa eligibility. Questions related to financial certification or visas should be directed to the Office of International Students and Scholars, 3248 Memorial Union, at 515-294-1120, or by e-mail: intlerv@iastate.edu.
<i>Academically Dismissed</i>	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.
<i>Approving Reentry</i>	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.
<i>How to Register</i>	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

<i>Undergraduate and Nondegree Students</i>	Non-international undergraduate and non-degree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, may contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.
<i>Academically Dismissed</i>	Returning students who have been academically dismissed should contact their college student services office regarding procedures for reinstatement. Students who want to change colleges should contact their prospective college student services office.
<i>Graduate Students</i>	All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their major professor to discuss course selection. International graduate students must file a student financial statement for visa purposes. The form is available from International Students and Scholars, 252 Memorial Union, 515-294-1120, or e-mail: intlerv@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 beginning Monday, December, 6.
- 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 Spring 2012 is Sunday, January 8 or the Student Scheduling Office in 10 Enrollment Services Center for Spring 2012 is Friday, January 6. 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 5 p.m. Friday, January 6, of intent to cancel registration, or drop all classes on AccessPlus by 11 p.m. Sunday, January 8 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, 5 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 you 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 students to plan their schedule using courses displayed in the Schedule of Classes at [www.iastate.edu](http://www.iastate.edu).

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

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

# AccessPlus

<https://accessplus.iastate.edu/>

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

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

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

## Validating Enrollment

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

# Spring 2012 Fee Schedule

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

## Tuition Schedule Per Semester

*In effect for Fall 2010. Subject to change without notice. For the latest rates go to: <http://www.registrar.iastate.edu/fees/>.*

<b>Full Time Rates- Undergraduate</b>	<b>Resident</b>	<b>Nonresident</b>
Undergraduate (12 or more credits- Most majors)	\$3,207	\$9,140
Business Juniors and Seniors (Excludes Pre-Business)	\$3,995	\$9,922
Agricultural Systems Technology and Industrial Technology	\$3,496	\$9,432
Engineering Juniors and Seniors	\$4,247	\$10,1232
<b>Full Time Rates- Graduate</b>	<b>Resident</b>	<b>Nonresident</b>
Graduate (9 or more credits- Most majors)	3,738	\$9,596
Business Graduate	\$4,538	\$10,396
Engineering Graduate:	\$4,308	\$10,140
Seed Technology and Business	\$4,887	\$10,746
<b>Professional Programs</b>	<b>Resident</b>	<b>Nonresident</b>
Veterinary Medicine (12+ credits)	\$8,728	\$19,995
Veterinary Medicine- 4th year student( Fall or Spring)	\$8,601	\$16,013

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

### Additional information:

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

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

Continuous registration fee for graduate students: \$70.

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

Summer session: based on per credit as indicated in the fee schedule.

Tuition assessment for study abroad credits: up to a maximum of 12 credits, is above and beyond tuition for other courses taken during the same term.

### Fee Policies and Descriptions: 2011-2012

- **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.

- **Engineering Differential Tuition** – Juniors, seniors and graduate students enrolled in the College of Engineering will pay an additional tuition increment. for all credits including distance education credits.

- **Interim** (partial-semester, between-terms), **audit** (zero-credit), and in absentia (research, away from campus study) courses are assessed fees as listed in the current fee schedule.
- One-half credits are assessed at the next larger whole number; e.g. 3 1/2 credits are assessed at the 4-credit rate.
- **R-credit**(Required credit) coursework is assessed minimum tuition and fees equal to the 2 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is charged for 1 credit depending on if undergrad or graduate student.
- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.

# Tuition and Fees

*Tuition and fees are subject to change without notice.*

## Payment of Fees

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

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

## Deferred Billing

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

## Past Due Accounts

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

## Cancelling Registration

A cancellation is processed when a student notifies the Office of the Registrar, prior to the day class work begins, of their decision not to attend classes for the current semester. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 5:00p.m. Friday, January 6; or drop all of your classes through AccessPlus by 11 p.m., Sunday, January 8.

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

## Withdrawing Registration

Beginning the first day of class (Monday, January 9), students who decide not to continue attending classes must process a withdrawal form.

Students considering a withdrawal from the university should immediately consult their academic adviser to discuss reasons for the withdrawal and alternatives. Should the student still wish to withdraw, the "Request for Withdrawal" form is initiated and submitted to the student's college for approval. If approved, the student's college will forward the withdrawal form to the Office of the Registrar. The student is then withdrawn from all courses based upon the withdrawal date on the form and tuition and fees are adjusted as appropriate according to established policies approved by the Board of Regents, State of Iowa. For further information go to the ISU index under Tuition and Fees.

If a withdrawal is requested during add/drop Period 3, the request may be denied if it is determined that academic performance prior to withdrawal is unsatisfactory. If the withdrawal is approved during Period 3 for a student on academic probation, the student will not be permitted to enroll the following term, except under extenuating circumstances. When a student withdraws, the attempted courses are not recorded on the permanent record and are not counted toward the student's drop limit; however, partial term courses completed prior to withdrawal will be included on a student's permanent record.

If the procedures for withdrawing from the university are not followed, instructors will assign whatever grades or marks they consider appropriate. Since these grades may be F's, students are warned that failure to follow the prescribed withdrawal procedures may adversely affect a later application for reentry or transfer to another institution. 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

## Tuition Adjustment Schedule

*This tuition adjustment schedule is subject to change.*

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

Withdrawal Date	Student Pays
Jan. 9-13	10%
Jan. 14-23	25%
Jan. 24-30	50%
Jan. 31-Feb.6	75%
After Feb. 6	100%

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 for deadlines or questions 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 10th class day of the term. Students who drop below full-time during the first two weeks will receive a credit adjustment of 100%, with no adjustment after the second week. Students who add courses at any time during the semester will be assessed tuition and fees if applicable according to the fee schedule.

## 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 students 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.

## Past Due Accounts

Students having past due accounts receivable charges may be dropped from enrollment for spring if these past due charges are not paid by the Thursday before the first day of classes. A statement indicating past due charges will be shown on the January 1 billing statement. Student that are subject to being dropped will be notified via their Iowa State e-mail account. e following: distance education courses, (courses with sections beginning with an X); courses for or

## GLOSSARY OF FEES

### Activity, Services and Building Fee

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

Exemptions are granted for students exclusively registered for the following: distance education courses (courses with sections beginning with an X); continuous registration courses, or students enrolled under the Postsecondary Enrollment Options Act. Students in exemption categories named above may elect to pay this fee and will be assessed based upon their enrollment status. For students who withdraw or change to an exempt status, the tuition adjustment schedule will be used for the activity fee.

### 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 on an assistantship.) Students who withdraw

or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the tenth class day, after January 24 no adjustment will be made. 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, January 9 is the last day to initiate a registration for full semester courses for Spring 2011 without a late registration fee. Beginning Monday, January 1, 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.

### 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 technology fee each semester. Full-time graduate and undergraduate students enrolled in the College of Engineering (including Systems Engineering) or students majoring in Agricultural Systems Technology or Industrial Technology are charged \$223 per semester. Full-time graduate and undergraduate students majoring in Computer Science, or Pre-Computer Science are charged \$223. Full-time undergraduate students enrolled in the College of Business except students in Pre-Business are charged \$135 per semester, while full-time graduate students are charged \$112 per semester. All other full-time undergraduate students in the College of Business will be charged the standard computer fee of \$115 per semester. Full-time graduate students will be assessed \$92. Graduate students with graduate assistant appointments. For those in the Engineering college and for those in the Computer Science department will be assessed \$111.50; \$56 for those in the Business college, and \$46. for all other majors, regardless of the number of credits in and the fraction of time they are on appointment

Students enrolled less than full-time are assessed prorated computer fees based upon the number of credits in which they are enrolled.

Students enrolled exclusively under the Postsecondary Enrollment Options Act; or students enrolled exclusively in courses for which no tuition is assessed are not assessed a technology fee.

Technology fee adjustment will be made according to the schedule for a reduction in credits. Refunds for credit reductions below a full time load are 100 percent through the second week (January 24), with no refunds after the second week. The tuition adjustment schedule also applies to computer fees for students who withdraw. Students who change their major will be charged the applicable computer fee for the major into which they transfer if the change occurs before the end of the second week. If the change occurs after the second week, then no change in the computer fee assessment will occur. Students who are double majors will be assessed the computer fee rate for the major having the higher rate.

# Graduation

## Undergraduate Students

Spring 2011 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 December 9, 2011. Applicants will be assessed a \$40 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.

Undergraduate university commencement ceremony will be held Saturday, May 5, 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 Spring 2012.

- An "Application for Graduation" (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, January 13.
- Last day for graduate students to cancel graduation is March 23. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.
- A Request for "Final Oral Examination" form should be obtained from the students department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Friday, April 13.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, April 17. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, April 19.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Friday, April 20. This form will be sent to their major professor or department when their "Request for Final Examination" is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.
- Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

Ceremony, attendance, and diploma mailing information will be e-mailed to the student's in-session e-mail 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 information is not received.

The Graduate College commencement ceremony will be held at 8 p.m., Friday, May 4 in C.Y. Stephens Auditorium.

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

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

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

For more complete information about Iowa State University's grading system, please refer to the Academic Life section of the *Iowa State University Undergraduate and Graduate Courses and Programs 2011-2012* 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 2011-2012* catalog.

## Veterans Educational Assistance

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

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

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

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

## Information Disclosure for Students

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

## Policy on Student Names

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

## Release of Student Records

The Iowa State University policy concerning the release of student records complies with the Family Educational Rights and Privacy Act of 1974, as amended. The University has designated the following as public information which is available to anyone upon inquiry unless they request that information not be released: name; in-session address and telephone number; campus e-mail address; interim address; home city, county, state, or country; date and place of birth; curriculum; college; year-in-school; enrollment status; dates of attendance at Iowa State; full or part-time status; expected date of graduation; adviser name; awards and academic

honors; Iowa State degree(s) and date(s) awarded; previous educational institutions attended, dates of attendance, and degrees received; participation in officially recognized university activities and sports; and weight and height of members of athletic teams.

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

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

## Changing an Address on AccessPlus

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

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

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

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

## Identification Card (ISUCard)

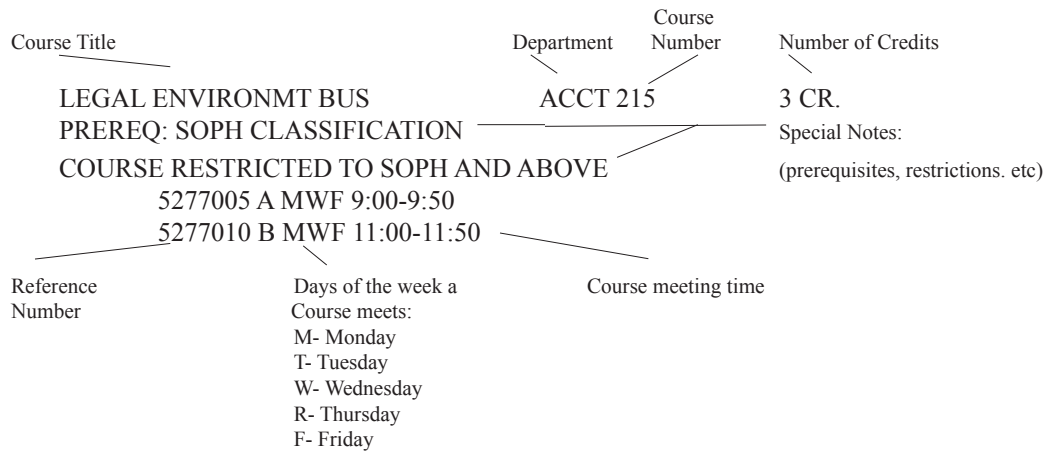
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where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

## Activity Cards for Spouses/Domestic Partners and Children

The Spouse Activity Card is available at no charge for spouses, domestic partners, and children of students. These cards provide reduced rates at athletic or C.Y. Stephens events but cannot be used for services such as the Lied Recreation Center, CyCash, or Parks Library. To obtain 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 \$10 per card, payable by cash or check, and the cards expire on June 30 each year.

# Course Detail



## Course Listing Detail

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 with each class listing.

## 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 Schedule of Classes.

# 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 student's allowable course load; however, fees will be assessed for the full number of credits for the course. See Index, Graduate College.

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

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

## Audit Deadlines 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 2011-2012* 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 2011-2012* catalog. Course descriptions for experimental courses can be found through the ISU index under Experimental Course Descriptions.

### Late Registration

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

### Linked Courses

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

### On-Campus Saturday and Evening Courses

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

### Partial-Semester Courses

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

### Pass-Not Pass

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

section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services CenterI. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2011-2012* catalog.

### Registration Holds

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

### Restricted Sections of Courses

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

### Room Assignments

Beginning Monday, December 5, 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 Spring 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 2011-2012* 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. 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, Rm. 2062 Student Services Building throughout the year. For information about test registration and fees go to the ISU index, Test Out Exams, CLEP Testing.

CLEP Exam	ISU Courses	Sem. Cr. Awarded
Financial Accounting*	Acct 284	3
American Govt.	Pol S 215	3
Biology**	Biol 101	3
Calculus	Math 165	4
Humanities*	Fine Arts Literature	2 4
Principles of Macroeconomics	Econ 102	3
Principles of Microeconomics	Econ 101	3
Natural Sciences*	Biological Science Physical Science	3 3
Introductory Psychology	Psych 101	3
Social Sciences and History*	Social Science History	4 2
Introductory Sociology	Soc 134	3
French Language	Frnch 101, 102 Frnch 101, 102, 201 Frnch 101, 102, 201, 202	8 12 16
German Language	Ger 101, 102 Ger 101, 102, 201 Ger 101, 102, 201, 202	8 12 16
Spanish Language	Span 101, 102 Span 101, 102, 201 Span 101, 102, 201, 202	8 12 16
* 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, May 4 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 have multiple instruction types (lecture, recitation, or laboratory), the first recitation or lecture of the week is considered the first contact of the week. In courses having both recitations and lectures, the department head will 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.

## Combined Group Exams

The following courses are most likely to have *combined group exams* scheduled for Spring 2012. (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 165, 178, 332  
Com S 207, 227, 228  
E M 274, 324, 345, 378  
Engr 160  
Fin 301  
Frnch 102, 202  
Geol 100  
I E 305  
Math 140, 151, 165, 166, 195, 265  
Phys 111, 221, 221H, 222, 222H  
Psych 101 (Sec. A, B, C only), 230, 280  
Soc 134  
Span 102, 202

## Tentative Exams Based on First Contact

First Contact	Exam Day	Exam Time
Mon., 8 a.m.	Mon, May 3	7:30-9:30 a.m.
Mon., 9 a.m.	Wed., May 5	7:30-9:30 a.m.
Mon., 10 a.m.	Mon, May 3	9:45-11:45 a.m.
Mon., 11 a.m.	Tues., May 4	9:45-11:45 a.m.
Mon., 12 p.m.	Thurs., May 6	2:15-4:15 p.m.
Mon., 1 p.m.	Fri., May 7	12:00-2:00 p.m.
Mon., 2 p.m.	Mon., May 3	12:00-2:00 p.m.
Mon., 3 p.m.	Fri., May 7	2:15-4:15 p.m.
Mon., 4 p.m.	Thurs., May 6	12:00-2:00 p.m.
Tues., 8 a.m.	Tues., May 4	7:30-9:30 a.m.
Tues., 9 a.m.	Fri., May 7	7:30-9:30 a.m.
Tues., 10 a.m.	Wed., May 5	9:45-11:45 a.m.
Tues., 11 a.m.	Thurs., May 6	9:45-11:45 a.m.
Tues., 12 p.m.	Exam time to be announced by instructor	
Tues., 1 p.m.	Tues., May 4	9:45-11:45 a.m..
Tues., 2 p.m.	Thurs., May 6	12:00-2:00 p.m..
Tues., 3 p.m.	Mon., May 3	7:30-9:30 a.m.
Tues., 4 p.m.	Wed., May 5	2:15-4:15 p.m.



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.

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

**Alternative courses**

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

**Notes**

Adviser signature: \_\_\_\_\_ Date approved: \_\_\_\_\_

## Registration Trial Schedule Grid

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
<b>7:00 a.m.</b>						
<b>8:00 a.m.</b>						
<b>9:00 a.m.</b>						
<b>10:00 a.m.</b>						
<b>11:00 a.m.</b>						
<b>12:10 noon</b>						
<b>1:10 p.m.</b>						
<b>2:10 p.m.</b>						
<b>3:10 p.m.</b>						
<b>4:10 p.m.</b>						
<b>5:10 p.m.</b>						
<b>6:00 p.m.</b>						
<b>7:00 p.m.</b>						
<b>8:00 p.m.</b>						
<b>9:00 p.m.</b>						

## Registration Trial Schedule Grid

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
<b>7:00 a.m.</b>						
<b>8:00 a.m.</b>						
<b>9:00 a.m.</b>						
<b>10:00 a.m.</b>						
<b>11:00 a.m.</b>						
<b>12:10 noon</b>						
<b>1:10 p.m.</b>						
<b>2:10 p.m.</b>						
<b>3:10 p.m.</b>						
<b>4:10 p.m.</b>						
<b>5:10 p.m.</b>						
<b>6:00 p.m.</b>						
<b>7:00 p.m.</b>						
<b>8:00 p.m.</b>						
<b>9:00 p.m.</b>						

## Campus Buildings and Abbreviations

<b>Abbr.</b>	<b>Building</b>	<b>Abbr.</b>	<b>Building</b>
Agron	Agronomy Hall	Jischke	Martin Jischke Honors Bldg.
Ames Hi	Ames High School	Kildee	Kildee Hall
Armory	Armory	L A	Landscape Architecture Bldg. Bessey
Atansff	Atanasoff Hall	L Mech	Laboratory of Mechanics
Bessey	Bessey Hall	Lagomar	Lagomarcino Hall
Beyer	Beyer Hall	LeBaron	LeBaron Hall
BRL	Biorenewables Research Laboratory	Library	Parks Library
Black	Black Engineering Bldg.	MacKay	MacKay Hall
Carver	Carver Hall	MWL Com*	Maple-Willow-Larch Commons
Com Bldg	Communications Bldg.	Martin	Martin Residence Hall
Coover	Coover Hall	Marston	Marston Hall
Curtiss	Curtiss Hall	Meats L	Meats Laboratory
Dairy F	Dairy Farm	Mem Un/MU	Memorial Union
David	Davidson Hall	Mol-Bio	Molecular Biology Bldg.
Design	College of Design	Morrill	Morrill Hall
Durham	Durham Center	Music	Music Hall
E Hall	East Hall	NSRIC	National Swine Research and Information Center
Farm Bu	Farm Bureau Livestock Pav. (Kildee)	Palmer	Palmer HDFS Bldg.
Food Sc	Food Sciences Building	Pearson	Pearson Hall
Forker	Barbara Forker Building	Physics	Physics Hall
Friley*	Friley Residence Hall	Phys A	Physics Addition
Gerdin	Gerdin Business Building	Roberts*	Roberts Residence Hall
Gilman	Gilman Hall	Ross H	Ross Hall
Hach	Hach Hall	Scheman	Scheman Building
Hamilton	Hamilton Hall	Science	Science Hall I
Heady	Heady Hall	Sci 2	Science Hall II
Hoover	Hoover Hall	Seed	Seed Science Bldg.
Horse B	Horse Barn	Sned H	Snedecor Hall
Hort	Horticulture Hall & Greenhouse	St Gym	State Gymnasium
Howe	Howe Hall	Sweeney	Sweeney Hall
I Ed I	Industrial Education Bldg. I	Town	Town Engineering Bldg.
I Ed II	Industrial Education Bldg. II	Vet Med	Veterinary Medicine Bldg.
Insect	Insectary and Greenhouse	Zaffrno	Zaffarano Physics Addition

\*Residence Hall

### Other Campus Buildings

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

**ACCOUNTING**

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS  
 Prereq: SOPH CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPH AND ABOVE  
 5277005 A MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 5277010 B MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS  
 Prereq: SOPHOMORE STANDING OR PERMISSION OF ADVISER  
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS. COURSE RESTRICTED TO SOPHS AND ABOVE.  
 1110005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 1110010 B TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 1110015 C TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 1110020 D TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS  
 Prereq: 284  
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS. Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.  
 1112005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 1112010 B TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 1112015 C MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 1112020 D MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 1112025 E TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 1112030 F MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 1112035 G TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 1112040 I TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

THE ACCOUNTNG CYCLE ACCT 301 1 CREDIT  
 Prereq: 284  
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY.  
 Available for nonmajor graduate credit  
 1078005 A ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW

INTMD MANAGERL ACCT ACCT 383 3 CREDITS  
 Prereq: 285 OR 501, AND 301  
 Note: SEC A1,B1, ETC RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2, ETC RESTRICTED TO BUS MAJORS EXCEPT ACCT, P BUS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 1117005 A1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1117010 A2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1117015 B1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 1117020 B2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 1117025 C1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 1117030 C2 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ACCT INFO SYSTEMS ACCT 384 3 CREDITS  
 Prereq: 285 OR 501, AND 301  
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2,C2 ETC RESTRICTED TO BUS MAJORS EXCEPT ACCT, P BUS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 1123005 A1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 1123010 A2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 1123015 B1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 1123020 B2 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 1123025 C1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1123030 C2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

INTMED ACCOUNTING I ACCT 386 3 CREDITS  
 Prereq: 285 OR 501, AND 301  
 Note: SEC A1,B1 ETC RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2 ETC FOR OTHER BUSINESS COLLEGE MAJORS AND AG B. NOT OPEN TO P BUS MAJORS. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 1118005 A1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 1118010 A2 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 1118015 B1 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

ACCOUNTING

(CONTINUED)

INTMED ACCOUNTING I ACCT 386 3 CREDITS  
 1118020 B2 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 1118025 C1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 1118030 C2 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

INTMD ACCOUNTING II ACCT 387 3 CREDITS  
 Prereq: 386  
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY SEC A2,B2,C2 RESTRICTED TO BUS S, BUS U, BUSEC, FIN MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY. NOT OPEN TO P BUS OR GRADUATE STUDENTS.  
 1119005 A1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 1119010 A2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 1119015 B1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 1119020 B2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 1119025 C1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 1119030 C2 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

ADV MANAGERIAL ACCT ACCT 483 3 CREDITS  
 Prereq: 383 OR 581  
 Note: COURSE RESTRICTED TO ACCT MAJORS ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.  
 8793005 A T 6:00-9:20PM  
 MEETS: JAN 10-APRIL 3

PRIN FED INCOME TAX ACCT 485 3 CREDITS  
 Prereq: 285 OR 501, AND 301  
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2,C2 RESTRICTED TO BUS S, BUS U, BUSEC, FIN, I BUS, LSCM, MGMT, MIS, MKT, OSCM, SCM MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION. Available for nonmajor graduate credit  
 1121005 A1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 1121010 A2 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 1121015 B1 TR 11:00-12:40  
 MEETS: JAN 9-MAY 4  
 1121020 B2 TR 11:00-12:40  
 MEETS: JAN 9-MAY 4

VOLUN INCM TAX ASSI ACCT 487 1 CREDIT  
 Prereq: 285 OR 501, AND 301  
 Note: COURSE LEC MEETS 1/12-2-9 & LAB 2/14-4/14  
 3365005 A R 6:10-8:00PM  
 T 3:30-5:20  
 MEETS: JAN 12-APRIL 14  
 3365010 B R 6:10-8:00PM  
 W 6:10-8:00PM  
 MEETS: JAN 12-APRIL 11  
 3365015 C R 6:10-8:00PM  
 R 6:10-8:00PM  
 MEETS: JAN 12-APRIL 12

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

ADV ACCT PROBLEMS ACCT 495 3 CREDITS  
 Prereq: 387  
 Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION. Available for nonmajor graduate credit  
 7148005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

INTERNATIONAL ACCT ACCT 496 3 CREDITS  
 Prereq: 386 OR 501  
 Note: Available for nonmajor graduate credit  
 9026005 A R 6:00-9:20PM  
 MEETS: JAN 12-APRIL 5

INTRO TO AUDITING ACCT 497 3 CREDITS  
 Prereq: 384, 387, STAT 326  
 Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION. Available for nonmajor graduate credit  
 1126005 A TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 1126010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 1126015 C MW 3:40-5:00  
 MEETS: JAN 9-MAY 4

ACCOUNTING

(CONTINUED)

ADVERTISING

(CONTINUED)

ACCT FOR DECISN MAK ACCT 581 3 CREDITS  
 Prereq: 501 OR EQUIVALENT  
 9116005 A MW 4:10-5:55 RAVENSCROFT S  
 MEETS: JAN 9-APRIL 4

CORP GOVERN&TOP MGT ACCT 582 3 CREDITS  
 Prereq: MGMT 502 OR PERMISSION  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 1157005 A R 6:00-9:20PM  
 MEETS: JAN 12-APRIL 5  
 1157600 XA R 5:50-9:10PM SHRADER B  
 MEETS: JAN 12-APRIL 5  
 Note: NON-BUSINESS GRADUATE STUDENTS NEED TO CONTACT  
 BUSINESS GRADUATE OFFICE FOR APPROVAL AT 515-294-8118  
 OR DLJOHNS@IASTATE.EDU.  
 Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$105.00  
 Taught at, in or by DES MOINES

ADV MANAGERIAL ACCT ACCT 583 3 CREDITS  
 Prereq: 383 OR 581  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 1009005 A T 6:00-9:20PM DENISON C  
 MEETS: JAN 10-APRIL 3

VOLUN INCM TAX ASSI ACCT 587 1 CREDIT  
 Prereq: 285 OR 501  
 1089005 A R 6:10-8:00PM  
 T 3:30-5:30  
 MEETS: JAN 13-APRIL 10  
 Note: SEC A FIRST LAB MEETS 1/13-2/10. SECOND LAB  
 MEETS 2/14-4/10  
 1089010 B R 6:10-8:00PM  
 W 6:10-8:00PM  
 MEETS: JAN 13-APRIL 10  
 Note: SEC B FIRST LAB MEETS 1/13-2/10. SECOND LAB  
 MEETS 2/15-4/11  
 1089015 C R 6:10-8:00PM  
 R 6:10-8:00PM  
 MEETS: JAN 13-APRIL 10  
 Note: SEC C FIRST LAB MEETS 1/13-2/10. SECOND LAB  
 MEETS 2/16-4/12

GOV'T&NON-PRFT ACCT ACCT 588 3 CREDITS  
 Prereq: 387  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 2909005 A MW 2:10-3:55 RAVENSCROFT S  
 MEETS: JAN 9-APRIL 4

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

BUSINESS VALUATION ACCT 594 3 CREDITS  
 Prereq: 387 OR 592  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 5967005 A M 6:00-9:20PM  
 MEETS: JAN 9-MAY 4

ADV ACNTNG PROBLMS ACCT 595 3 CREDITS  
 Prereq: 387  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 1011005 A TR 9:30-10:50 CLEM A  
 MEETS: JAN 9-MAY 4

INTERNATIONAL ACCT ACCT 596 3 CREDITS  
 Prereq: 386 OR 501  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 2892005 A R 6:00-9:20PM JEFFREY C  
 MEETS: JAN 12-APRIL 5

FIN ACCT:THRY & ISS ACCT 598 3 CREDITS  
 Prereq: 386 OR 501  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 5338005 A W 6:00-9:20PM JEFFREY C  
 MEETS: JAN 11-APRIL 4

CREATIVE COMPONENT ACCT 599 2 CREDITS  
 Prereq: ADMISSION TO THE MASTER OF ACCT PROGRAM  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ADVERTISING

STRATEG PLAN AD&P.R ADVRT 301 3 CREDITS  
 Prereq: 230 OR JL MC 220; SOPHOMORE CLASSIFICATN  
 Note: SEC 1A,2A,ETC RESTRICTED TO JL MC, ADVRT, P JMC, P ADV. SEC 1B,2B,ETC FOR MAJORS OTHER THAN JL MC, ADVRT, P JMC AND P ADV  
 4439005 1A MW 9:30-10:50 HAN G  
 MEETS: JAN 9-MAY 4  
 4439010 1B MW 9:30-10:50 HAN G  
 MEETS: JAN 9-MAY 4  
 4439015 2A TR 9:30-10:50 SAR S  
 MEETS: JAN 9-MAY 4  
 4439020 2B TR 9:30-10:50 SAR S  
 MEETS: JAN 9-MAY 4  
 4439025 3A TR 12:40-2:00 THOMAS J  
 MEETS: JAN 9-MAY 4

STRATEG PLAN AD&P.R ADVRT 301 3 CREDITS  
 4439030 3B TR 12:40-2:00 THOMAS J  
 MEETS: JAN 9-MAY 4  
 4439035 4A TR 11:00-12:30 LEE S  
 MEETS: JAN 9-MAY 4  
 4439040 4B TR 11:00-12:30 LEE S  
 MEETS: JAN 9-MAY 4

ADVERTSNG CREATIVTY ADVRT 334 3 CREDITS  
 Prereq: 301; C+ OR BETTER IN JL MC 201  
 Note: COURSE RESTRICTED TO JL MC, ADVRT MAJORS  
 4669005 1 MW 3:10-5:00 THOMAS J  
 MEETS: JAN 9-MAY 4  
 4669010 2 TR 10:00-11:50 THOMAS J  
 MEETS: JAN 9-MAY 4

ADVERT MEDIA PLANNG ADVRT 335 3 CREDITS  
 Prereq: C+ OR BETTER IN JL MC 201;  
 ADVRT/JL MC 301  
 4670005 1A MWF 10:00-10:50 SPIEKERMAN J  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P JMC, P ADV MAJORS.  
 4670010 1B MWF 10:00-10:50 SPIEKERMAN J  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT, P JMC, P ADV

ADVERT ACCOUNT MGMT ADVRT 336 3 CREDITS  
 Prereq: 301, C+ OR BETTER IN JL MC 201  
 Note: COURSE RESTRICTED TO ADVRT, JL MC, MAJORS ONLY.  
 4440005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

PRO SKILL DEVEL:MAP ADVRT 390A 2 CREDITS  
 Prereq: INSTRUCTOR PERMISSION  
 Note: TOPIC: MEREDITH APPRENTICESHIP PROGRAM  
 2398005 1 T 8:00-9:20 GIBSON D  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

SKIL DV:DIGTL NWSRM ADVRT 390F 3 CREDITS  
 2423005 1 MW 11:00-12:50 CHAMBERLIN D  
 MEETS: JAN 9-MAY 4

ADVERTISING CAMPNGS ADVRT 434 3 CREDITS  
 Prereq: 301; C+ OR BETTER IN 334 OR 336; MAJOR STATUS  
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.  
 4685005 1 TR 12:40-2:00 SAR S  
 MEETS: JAN 9-MAY 4

AD PORTFLIO PRACTCM ADVRT 436 3 CREDITS  
 Prereq: 334, INSTRUCTOR PERMISSION  
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJOR ONLY.  
 4443005 1 TR 8:00-9:20 THOMAS J  
 MEETS: JAN 9-MAY 4

SPL TOPICS COMMUNIC ADVRT 497 1- 3 CREDITS  
 Note: TOPIC: COVERING WORLD NEWS  
 2240005 1A MW 11:00-12:15  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC MAJORS ONLY  
 2240010 1B MW 11:00-12:15  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC

SPL TOPC WORLD NEWS ADVRT 497A 3 CREDITS  
 Note: COVERING WORLD NEWS  
 4019005 1A MW 11:00-12:15 DIMITROVA D  
 MEETS: JAN 9-MAY 4  
 4019010 1B MW 11:00-12:15 DIMITROVA D  
 MEETS: JAN 9-MAY 4

AEROSPACE ENGINEERING

ORIEN LEARNING&TEAM AER E 112 2 CREDITS  
 1544005 1 W 9:00-10:50  
 MEETS: JAN 9-MAY 4

AEROSPAC ENG PROBLM AER E 160 3 CREDITS  
 Prereq: SATISFACTORY SCORES ON MATH PLACEMENT EXAM; CREDIT OR ENROLLMENT IN MATH 142, 165  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 6215005 1 TR 11:00-11:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4

HONORS AER ENG PROB AER E 160H 3 CREDITS  
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 7571005 1 TR 11:00-11:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

NUM&GRAPHIC&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  
 M 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 7834010 2 TR 9:30-10:50  
 T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 7834015 3 TR 9:30-10:50  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4

HONOR NUM&GRPH TCNQ AER E 161H 4 CREDITS  
 Prereq: MATH 141 OR 142 OR SATISFACTORY SCORES ON  
 MATH PLACEMENT EXAM; CR OR ENROLLMENT IN MATH 165,  
 PROFICIENCY IN FORTRAN OR C PROGRAMMING LANGUAGES,  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 8247005 1 TR 9:30-10:50  
 M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 8247010 2 TR 9:30-10:50  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4

AEROSPACE SEMINAR AER E 192 R CREDIT  
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.  
 Satisfactory-Fail Only.  
 1085005 1 R 2:10-3:00  
 R 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 1085010 2 M 2:10-3:00  
 M 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 1085015 3 W 2:10-3:00  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4

HONOR AEROSPC SEMNR AER E 192H R CREDIT  
 Note: COURSE RESTRICTED TO HONORS STUDENTS  
 Satisfactory-Fail Only.  
 2647005 1 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 2647010 2 T 2:10-4:00  
 MEETS: JAN 9-MAY 4

INTRO PERFRMNC&DSGN AER E 261 4 CREDITS  
 Prereq: 161, MATH 166, PHYS 221  
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY  
 6021005 1 MTRF 11:00-11:50  
 MEETS: JAN 9-MAY 4

SCI BALLOON ENGR&OP AER E 265 1 CREDIT  
 2679005 R 4:10-5:00  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL  
 Note: OFFERED FOR 2 CREDIT SPRING 2012  
 2651005 ARRANGED  
 MEETS: JAN 9-MAY 4

AEROSPC ADVISNG SEM AER E 291 R CREDIT  
 Satisfactory-Fail Only.  
 1086005 1 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

AEROSPC ADVISNG SEM AER E 292 R CREDIT  
 Satisfactory-Fail Only.  
 1115005 1 M 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 1115010 2 M 5:10-6:00PM  
 MEETS: JAN 9-MAY 4

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

GAS DYNAMICS AER E 311 3 CREDITS  
 Prereq: 243, M E 231, ENROLLMENT IN 344  
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.  
 CONCURRENT ENROLLMENT IN AER E 311L REQUIRED  
 Available for nonmajor graduate credit  
 1179005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 1179010 2 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

AEROSPC STRUCTR LAB AER E 321L 2 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 321  
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS  
 9129005 1 M 4:10-5:00  
 T 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 9129010 2 M 4:10-5:00  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 9129015 3 M 4:10-5:00  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 9129020 4 M 4:10-5:00  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4

AEROSPC STRUCTR LAB AER E 321L 2 CREDITS  
 9129025 5 M 4:10-5:00  
 T 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 9129030 6 M 4:10-5:00  
 R 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 9129035 7 M 4:10-5:00  
 T 3:10-5:00  
 MEETS: JAN 9-MAY 4

FLGHT CONTROL SYS I AER E 331 3 CREDITS  
 Prereq: 355  
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS  
 Available for nonmajor graduate credit  
 1235005 1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 1235010 2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

AERODYN&PROPULS LAB AER E 344 3 CREDITS  
 Prereq: 243, CREDIT OR ENROLLMENT IN 311  
 6493005 1 TR 10:00-10:50  
 T 11:00-12:50  
 MEETS: JAN 9-MAY 4  
 6493010 2 TR 10:00-10:50  
 T 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 6493015 3 TR 10:00-10:50  
 T 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 6493020 4 TR 10:00-10:50  
 R 11:00-12:50  
 MEETS: JAN 9-MAY 4  
 6493025 5 TR 10:00-10:50  
 R 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 6493030 6 TR 10:00-10:50  
 R 3:10-5:00  
 MEETS: JAN 9-MAY 4

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 & SENIORS  
 Available for nonmajor graduate credit  
 1168005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

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 & SENIORS  
 Available for nonmajor graduate credit  
 1170005 1 MW 2:10-3:00  
 T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 1170010 2 MW 2:10-3:00  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 1170015 3 MW 2:10-3:00  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4

INTRO WIND ENERGY AER E 381 3 CREDITS  
 Prereq: MATH 166, PHYS 221  
 Note: SPRING ONLY  
 Available for nonmajor graduate credit  
 9100005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

AERO ADVISNG SEMINR AER E 392 R CREDIT  
 Satisfactory-Fail Only.  
 1151005 1 W 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 1151010 2 W 5:10-6:00PM  
 MEETS: JAN 9-MAY 4

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  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

AER VEH PROPULSN II AER E 412 3 CREDITS  
 Prereq: 411  
 Note: Available for nonmajor graduate credit  
 1174005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

ADV FLIGHT STRUCTRS AER E 421 3 CREDITS  
 Prereq: 321, MATH 266 OR 267  
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY  
 Available for nonmajor graduate credit  
 1176005 1 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 1176010 2 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

AEROELASTICITY AER E 422 3 CREDITS  
 Prereq: 421 OR E M/M E 450  
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY  
 Available for nonmajor graduate credit  
 1178005 TR 9:30-10:40  
 MEETS: JAN 9-MAY 4

DSIGN AEROSP STRUCT AER E 426 3 CREDITS  
 Prereq: E M 324  
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY  
 Available for nonmajor graduate credit  
 6157005 1 MW 12:10-1:00  
 R 9:00-10:50  
 MEETS: JAN 9-MAY 4  
 6157010 2 MW 12:10-1:00  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4

FLUID DYN TURBOMACH AER E 448 3 CREDITS  
 Prereq: M E 335 OR EQUIVALENT  
 Note: COURSE RESTRICTED TO AER E & M E MAJORS  
 Available for nonmajor graduate credit  
 1339005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

ASTRODYNAMICS II AER E 451 3 CREDITS  
 Prereq: 351  
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY  
 Available for nonmajor graduate credit  
 1184005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

MOD DESIGN METHODOL AER E 461 3 CREDITS  
 Prereq: 361,311,321,351,355  
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY  
 Available for nonmajor graduate credit  
 1186005 MW 1:10-2:00  
 M 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

DESIGN AEROSPAC SYS AER E 462 3 CREDITS  
 Prereq: 461  
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY  
 1187005 1 T 8:00-9:20  
 T 11:00-1:00  
 R 9:00-10:50  
 MEETS: JAN 9-MAY 4  
 1187010 2 T 8:00-9:20  
 T 1:30-3:20  
 R 11:00-12:50  
 MEETS: JAN 9-MAY 4

SPACECRAFT SYSTEMS AER E 464 3 CREDITS  
 Prereq: 351  
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY  
 Available for nonmajor graduate credit  
 1188005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

MULTIDISC ENGR DSGN AER E 466 3 CREDITS  
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF  
 GRADUATION, PERMISSION OF INSTRUCTOR  
 8778005 A T 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

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

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

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

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

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

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

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

AERO ADVISNG SEMINR AER E 491 R CREDIT  
 Note: COURSE RESTRICTED TO AER E MAJOR ONLY.  
 Satisfactory-Fail Only.  
 1198005 R 4:10-5:00  
 MEETS: JAN 9-MAY 4

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

SENIOR PROJECT AER E 499 1- 2 CREDITS  
 Prereq: SENIOR CLASSIFICATION, CR OR ENR IN 491  
 4759005 ARRANGED  
 MEETS: JAN 9-MAY 4

EXPERIMNTL MECHANCS AER E 517 4 CREDITS  
 Prereq: E M 510 OR 514 OR 516  
 1662005 TR 9:30-10:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

FINITE ELEMENT ANLY AER E 525 3 CREDITS  
 Prereq: E M 425, MATH 385  
 7252005 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

AUTO CNTRL FLT VEH AER E 531 3 CREDITS  
 Prereq: 331  
 1204005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

COMPRESBL FLUID FLO AER E 532 3 CREDITS  
 Prereq: 311 OR M E 335  
 6032005 A TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

FLU MECH&HEAT TR II AER E 547 3 CREDITS  
 Prereq: 546  
 1213005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

TURBULENCE AER E 572 3 CREDITS  
 Prereq: 543 OR M E 538  
 1860005 TR 11:00-12:15  
 MEETS: JAN 9-MAY 4

RANDOM SIGNAL&KALMN AER E 573 3 CREDITS  
 Prereq: 331 OR E E 324 OR M E 370 OR 411 OR MATH  
 341 OR 395  
 8187005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

OPTIMAL CONTROL AER E 574 3 CREDITS  
 Prereq: 577  
 8188005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

DIGIT FEEDBCK CNTRL AER E 576 3 CREDITS  
 Prereq: 432 OR E E 475 OR M E 411 OR 414 OR MATH  
 415; AND MATH 267  
 8189005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 8189600 XE ARRANGED KUMAR R  
 MEETS: JAN 9-MAY 4

Note: LIVE VIEWING AVAILABLE TR 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)



AEROSPACE ENGINEERING (CONTINUED)

AFRICAN AND AFRICAN AMERICAN STUDIES (CONTINUED)

NONLINEAR SYSTEMS AER E 578 3 CREDITS  
 Prereq: 577  
 8191005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 8191600 XE ARRANGED VAIDYA U  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 3:30-4:50 PM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ENGINEERG INTERNSHP AER E 697 R CREDIT  
 Prereq: PERMISSION OF DOGE, GRADUATE CLASSIFICATN  
 Satisfactory-Fail Only.  
 8131005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: College permission required.

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

**AFRICAN AND AFRICAN AMERICAN STUDIES**

INTRO AFRIC AMER ST AF AM 201 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 Instructor permission required 1st week.  
 8310005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 8310010 B TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 8310015 C TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

ETHNIC&RACE RELATNS AF AM 330 3 CREDITS  
 Prereq: SOC 130 OR 134  
 Note: SEC A1,B1 ETC RESTRICTED TO SOC, P S A MAJORS.  
 SEC A2,B2 ETC FOR MAJORS OTHER THAN SOC, P S A.  
 Meets U.S. diversity reqmt

8638005 A1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

8638010 A2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

8638015 B1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

8638020 B2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

8638035 C2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

AFRI AMER RELIG EXP AF AM 334 3 CREDITS  
 Prereq: PRIOR COURSE WORK IN RELIG OR AF AM  
 RECOMMENDED  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 8661005 TR 12:40-2:00 CHASE C  
 MEETS: JAN 9-MAY 4

CONTEMP AFRI AM LIT AF AM 348 3 CREDITS  
 Prereq: ENGL 250  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit

8632005 A1 TR 11:00-12:20 POST C  
 MEETS: JAN 9-MAY 4

8632010 A2 TR 11:00-12:20 POST C  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

HIST AFRICAN AMER I AF AM 353 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 Meets U.S. diversity reqmt

8743005 TR 9:30-10:50 ADELEKE R  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY AF AM 490 1- 3 CREDITS  
 Prereq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR  
 AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM  
 Note: Instructor permission required.  
 8357005 ARRANGED  
 MEETS: JAN 9-MAY 4

**AGRICULTURAL EDUCATION & STUDIES**

ORIENT AG &LIFE SCI AGEDS 110C .5 CREDIT  
 8358005 MW 12:10-1:00 OSBORN B  
 MEETS: JAN 9-MARCH 2

AG BIOTECHN COLLOQ AGEDS 112 1 CREDIT  
 Prereq: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR  
 1303005 T 1:10-2:00 BEITZ D  
 MEETS: JAN 9-MAY 4

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT  
 Prereq: 110  
 7586005 1 ARRANGED BROWN S  
 MEETS: JAN 9-MAY 4

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT  
 Prereq: 110  
 7603005 1 ARRANGED BROWN S  
 MEETS: JAN 9-MAY 4

CAREER SEMINAR AGEDS 215 1 CREDIT  
 Prereq: SOPHOMORE CLASSIFICATION  
 1385005 1 TR 11:00-11:50 MARTIN R  
 MEETS: JAN 9-MARCH 2

FOUND AG ED PROGRMS AGEDS 310 3 CREDITS  
 8790005 TR 9:30-10:50 PAULSEN T  
 MEETS: JAN 9-MAY 4

PRESENTN STRATEGIES AGEDS 311 3 CREDITS  
 1272005 1 MWF 11:00-11:50 MARTIN R  
 MEETS: JAN 9-MAY 4

1272010 2 MWF 9:00-9:50 ANDERSON R  
 MEETS: JAN 9-MAY 4

1272015 3 TR 9:30-10:50 SHULTZ M  
 MEETS: JAN 9-MAY 4

SCI WITH PRACTICE AGEDS 312 2 CREDITS  
 Prereq: MAJOR IN THE COLLEGE OF AG LS  
 8006005 W 6:10-8:00PM RETALLICK M  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS  
 1273005 1 R 12:40-2:00, ARRANGED DOLLISSO A  
 MEETS: JAN 9-MAY 4  
 1273010 2 T 12:40-2:00, ARRANGED DOLLISSO A  
 MEETS: JAN 9-MAY 4  
 1273600 XW ARRANGED DOLLISSO A  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

ADV COMM AG&LIF SCI AGEDS 327 3 CREDITS  
 Prereq: ENGL 250 OR EQUIVALENT  
 9159005 1 M 3:10-5:00 GRUDENS-SCHUCK N  
 T 10:00-11:50 GRUDENS-SCHUCK N  
 MEETS: JAN 9-MAY 4  
 9159010 2 M 3:10-5:00 GRUDENS-SCHUCK N  
 R 10:00-11:50 GRUDENS-SCHUCK N  
 MEETS: JAN 9-MAY 4  
 9159600 XW ARRANGED VENS T  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

COOPERATIVE EDUCATN AGEDS 398 R CREDIT  
 Prereq: PERMISSION OF THE DEPT COOPERATIVE  
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
 1356005 ARRANGED BROWN S  
 MEETS: JAN 9-MAY 4  
 Note: Permission of department chair required.

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CREDITS  
 Prereq: 211, JR CLASSIF IN AGEDS, INSTR PERMISSION  
 Note: Available for nonmajor graduate credit  
 Professional support fee \$65.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

NONFORMAL AG ED PRG AGEDS 414 2 CREDITS  
 Prereq: 211 AND PERMISSION OF INSTRUCTOR  
 Note: Available for nonmajor graduate credit  
 Instructor permission required.  
 1278005 1 TR 1:10-2:00 MARTIN R  
 MEETS: JAN 9-MAY 4

PRE-STDT TCHG EXPER AGEDS 416 1 CREDIT  
 Prereq: 211, 402 AND ADMISSION TO TEACHER EDUC  
 PROGRAM. CONCURRENT ENROLLMENT IN 417 IS REQUIRED.  
 1886005 1 ARRANGED MILLER G  
 MEETS: JAN 9-MAY 4

SUPRV TEACHNG IN AG AGEDS 417 1-16 CREDITS  
 Prereq: 211, 402 & ADMISSION TO TEACHER EDUC PROG  
 1281005 1 ARRANGED MILLER W  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$300.00

FARM MGMT&OPERATION AGEDS 450 3 CREDITS  
 Prereq: ECON 235, 330, JUNIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 1386005 1 T 1:10-2:00 PAULSEN T  
 TR 2:10-5:00 PAULSEN T  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$200.00

AGRICULTURAL LAW AGEDS 451 4 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 6798005 MWF 10:00-10:50 MCEOWEN R  
 M 3:10-5:00 MCEOWEN R  
 MEETS: JAN 9-MAY 4

ENTRPRIS MGT:PLANTG AGEDS 465A 3 CREDITS  
 Prereq: ECON 230; 6 CR HORT; JUNIOR CLASSIFICATN  
 OR PERMISSION OF INSTRUCTOR  
 2167005 ARRANGED  
 MEETS: JAN 9-MAY 4

AG MKTG&COMM COMPET AGEDS 475X 1- 2 CREDITS  
 Prereq: ADMISSION BY INVITATION  
 Note: NO MORE THAN 6 CREDITS OF AGEDS 475X MAY BE  
 APPLIED TOWARD GRADUATION. OFFERED FOR 2 CREDITS  
 SPRING 2012.  
 4577005 TR 4:10-5:00 MILLER W  
 MEETS: JAN 9-MAY 4

MTHDS TCHG AG MECHN AGEDS 488 3 CREDITS  
 Prereq: 211  
 Note: Available for nonmajor graduate credit  
 5124005 M 1:10-3:00 ANDERSON R  
 W 1:10-4:00 ANDERSON R  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$200.00

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

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

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

IND STU EXTEN,INT'L AGEDS 490D 1- 3 CREDITS  
 Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
 GRADUATION.  
 Distance Ed Delivery Fee \$156.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

IND STDY ENVIR ISSU AGEDS 490F 1- 3 CREDITS  
 Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION  
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
 GRADUATION.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGEDS 490H 1- 3 CREDITS  
 Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION,  
 MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR  
 GRADUATION. COURSE RESTRICTED TO UNIVERSTIY  
 HONORS STUDENTS.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Available for nonmajor graduate credit  
 7499005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 Secondary delivery is WWW

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, ADVISER, &  
 DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 8361005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTR RESEARCH AG ED AGEDS 510 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 6713005 ARRANGED MILLER G  
 MEETS: JAN 9-MAY 4  
 6713600 XW ARRANGED MILLER G  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: "<http://www.agde.iastate.edu/support/comp.reqs.php>

INSTRUCTIONL METHDS AGEDS 520 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 1299005 ARRANGED RETALICK M  
 MEETS: JAN 9-MAY 4  
 1299600 XW ARRANGED RETALICK M  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

INTR LRNG THRY AGED AGEDS 533 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 8005005 ARRANGED ANDERSON R  
 MEETS: JAN 9-MAY 4  
 8005600 XW ARRANGED DOLLISSO A  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00

TECNL TRANSFR&AG ED AGEDS 561 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: Meets international perspectives reqmt  
 1305005 R 6:10-9:00PM MARTIN R  
 MEETS: JAN 9-MAY 4  
 1305600 XW ARRANGED MARTIN R  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

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

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

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

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

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

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

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

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

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

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

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

WORKSHOP CURRICULUM AGEDS 593A 1- 3 CREDITS  
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
 1317005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

METHODS WORKSHOP AGEDS 593B 1- 3 CREDITS  
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
 1318005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

WORKSHOP EVALUATION AGEDS 593C 1- 3 CREDITS  
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
 1319005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

ADMINISTRN WORKSHP AGEDS 593D 1- 3 CREDITS  
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
 1320005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS  
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
 1321005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS  
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
 1322005 ARRANGED MCEOWEN R  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 1322600 XW ARRANGED MCEOWEN R  
 MEETS: JAN 9-MAY 4  
 Note: SEC XW OFFERED FOR 2 CREDITS SPRING 2012  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00

WRKSHP PROGRAM PLAN AGEDS 593G 1- 3 CREDITS  
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
 1323005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CREDITS  
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
 1890005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS  
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION  
 6536005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

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

EVALU AG &EXTENS ED AGEDS 604 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 1325005 M 6:10-9:00PM GRUDENS-SCHUCK N  
 MEETS: JAN 9-MAY 4

SEMNR PUBLCATN WRIT AGEDS 615A 1 CREDIT  
 Satisfactory-Fail Only.  
 1327005 M 2:10-4:00 MILLER G  
 MEETS: MARCH 5-MAY 4

PRO INTERNSHP AG ED AGEDS 617 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Professional support, field trips &/or  
 travel fee \$50.00  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

**AGRICULTURAL ENGINEERING**

EXPERNC AG&BIO ENGR A E 110 1 CREDIT  
 1001005 A T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00  
 1001010 B R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00  
 1001015 C R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00

ENG GRPHC&INTRO DSN A E 170 3 CREDITS  
 Prereq: SATISFACTORY SCORES IN MATH PLACEMENT  
 ASSESSMENTS; CREDIT OR ENROLLMENT IN MATH 142  
 6705005 MW 12:10-2:00  
 MEETS: JAN 9-MAY 4

SMNR:PREP FOR WRKPL A E 201 1 CREDIT  
 Prereq: SOPH CLASSIF IN A E, AST, BSE OR I TEC  
 1373005 A MW 4:10-5:00  
 MEETS: JAN 9-MARCH 2

PROJ MGT&DESIGN ABE A E 218 2 CREDITS  
 Prereq: 216  
 1067005 M 11:00-11:50  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4

PARAM SLD MODEL ENG A E 271 1 CREDIT  
 Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT  
 9153005 A M 9:00-9:50  
 W 8:00-9:50  
 MEETS: JAN 9-MARCH 2  
 Note: SEC A RESTRICTED TO STUDENTS IN COLLEGE OF  
 ENGINEERING:  
 9153010 B M 9:00-9:50  
 W 8:00-9:50  
 MEETS: JAN 9-MARCH 2  
 Note: SEC B RESTRICTED TO A E, AST & I TEC MAJORS  
 ONLY.

AGRICULTURAL ENGINEERING (CONTINUED)

AGRICULTURAL ENGINEERING (CONTINUED)

PRO/ENG MOD&ASSEMBL A E 272 1 CREDIT  
 Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT  
 2650005 A M 9:00-9:50  
 W 8:00-9:50  
 MEETS: MARCH 5-MAY 4  
 Note: SEC A RESTRICTED TO STUDENTS IN THE COLLEGE OF ENGINEERING.  
 2650010 B M 9:00-9:50  
 W 8:00-9:50  
 MEETS: MARCH 5-MAY 4  
 Note: SEC B RESTRICTED TO A E, AST & I TEC MAJORS ONLY.

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

AGRI TRACTOR POWER A E 342 3 CREDITS  
 Prereq: CH E 381 OR M E 231  
 Note: SEC A1,B1 RESTRICTED TO A E MAJORS ONLY.  
 SEC A2,B2 RESTRICTED TO COLLEGE OF ENGINEERING MAJORS ONLY.  
 Available for nonmajor graduate credit  
 1008005 A1 MW 11:00-11:50  
 M 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use and field trips & travel fee \$50.00  
 1008010 A2 MW 11:00-11:50  
 M 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use and field trips & travel fee \$50.00  
 1008015 B1 MW 11:00-11:50  
 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use and field trips & travel fee \$50.00  
 1008020 B2 MW 11:00-11:50  
 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use and field trips & travel fee \$50.00

ENGR INTERNSHIP A E 397 R CREDIT  
 Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

ELE SYS INTEGRAT AG A E 410 3 CREDITS  
 Note: Available for nonmajor graduate credit  
 6795005 A M 3:10-5:00  
 F 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 6795010 B M 3:10-5:00  
 W 3:10-5:00  
 MEETS: JAN 9-MAY 4

AGRIC ENGR DESIGN I A E 415 2 CREDITS  
 Prereq: 271 OR 272, E M 324  
 Note: Available for nonmajor graduate credit  
 8253005 M 12:10-1:00, ARRANGED  
 MEETS: JAN 9-MAY 4

AG ENGR DESIGN II A E 416 2 CREDITS  
 Prereq: 415  
 Note: Available for nonmajor graduate credit  
 7302005 ARRANGED  
 MEETS: JAN 9-MAY 4

SOIL&WTR MONITR SYS A E 436 3 CREDITS  
 Prereq: 431 OR PERMISSION OF INSTRUCTOR  
 2582005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

MULTIDISC ENGR DSGN A E 466 3 CREDITS  
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR  
 8891005 A T 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

GRAIN PROCESS&HANDL A E 469 3 CREDITS  
 Prereq: 216  
 1371005 MW 10:00-10:50  
 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00

ENVIR MODIF SY ANIM A E 472 3 CREDITS  
 Prereq: 216, M E 231  
 1158005 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

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

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

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

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

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

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

FUND BIORENEW RESOU A E 501 3 CREDITS  
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS  
 4267005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

ELE SYS INTEGRAT AG A E 510 3 CREDITS  
 Prereq: 363 OR EQUIVALENT  
 6820005 A M 3:10-5:00  
 F 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 6820010 B M 3:10-5:00  
 W 3:10-5:00  
 MEETS: JAN 9-MAY 4

AIR POLLUT AIR QUAL A E 524A 1 CREDIT  
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR IN STAT; SENIOR OR ABOVE CLASSIFICATION  
 1862005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

AIR POLLUT &CLIMATE A E 524B 1 CREDIT  
 Prereq: 524A; PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION  
 2026005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

AIR POLLUT TREATMNT A E 524D 1 CREDIT  
 Prereq: 524B; PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION  
 2614005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

AIR POLLUT AG SOURC A E 524E 1 CREDIT  
 Prereq: 524B; PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION  
 2677005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

SOIL&WTR MONITR SYS A E 536 3 CREDITS  
 Prereq: 431 OR 531  
 2601005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

BIOMASS PRETREATMNT A E 568 2 CREDITS  
 Prereq: 216 OR EQUIVALENT  
 8924005 T 10:00-10:50  
 T 1:10-3:00  
 MEETS: JAN 9-MAY 4

GRAIN PROCESS&HNDLG A E 569 3 CREDITS  
 Prereq: 216  
 1035005 MW 10:00-10:50  
 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00

AGRICULTURAL ENGINEERING (CONTINUED)

ENVIR MODIF SY ANIM A E 572 3 CREDITS  
 Prereq: 216, M E 231  
 1036005 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

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

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

MASTER'S TECH COMM A E 598 1 CREDIT  
 Satisfactory-Fail Only.  
 8332005 ARRANGED  
 MEETS: JAN 9-MAY 4

CREATIVE COMPONENT A E 599 VAR. CREDITS  
 1044005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADVANCED TOPICS A E 690 VAR. CREDITS  
 1048005 ARRANGED  
 MEETS: JAN 9-MAY 4

TEACHING PRACTICUM A E 694 1- 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR  
 6457005 ARRANGED  
 MEETS: JAN 9-MAY 4

ENGINEERG INTERNSHP A E 697 R CREDIT  
 Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF Satisfactory-Fail Only.  
 1700005 ARRANGED  
 MEETS: JAN 9-MAY 4

DOCTORAL TECH COMM A E 698 1 CREDIT  
 Satisfactory-Fail Only.  
 8333005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

RES CMPTR-AID DSIGN 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 ENGR A E 699F VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

AGRONOMY (CONTINUED)

PRINCIP OF AGRONOMY AGRON 114 3 CREDITS  
 1391025 4 MW 4:10-5:00 MULLEN R  
 R 1:10-3:00 MULLEN R  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391030 5 MW 4:10-5:00 MULLEN R  
 R 3:10-5:00 MULLEN R  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391035 6 MW 4:10-5:00  
 W 11:00-12:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391040 7 MW 4:10-5:00  
 F 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391045 8 MW 4:10-5:00  
 F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391600 XW ARRANGED MULLEN R  
 MEETS: JAN 9-MAY 4  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$168.00  
 Section info: <http://webcom3.grtxle.com/agronomy>  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

INTR RENEW RESOURCS AGRON 120 3 CREDITS  
 1382005 MWF 12:10-1:00 HALL R  
 MEETS: JAN 9-MAY 4

1382600 XW ARRANGED HALL R  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: <http://www.registrar.iastate.edu/info/ug-reentry.html>

FUND OF SOIL SCIENC AGRON 154 3 CREDITS  
 Prereq: CHEM 163  
 Note: 2-4 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, AGRON 156.

1395010 1 M 12:10-1:00 MANU A  
 T 9:00-9:50, ARRANGED MANU A  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/soils/>

1395015 2 M 12:10-1:00 MANU A  
 T 10:00-10:50 MANU A  
 ARRANGED MANU A  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/soils/>

1395020 3 M 12:10-1:00 MANU A  
 T 11:00-11:50 MANU A  
 ARRANGED MANU A  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/soils/>

1395025 4 M 12:10-1:00 MANU A  
 T 12:10-1:00, ARRANGED MANU A  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/soils/>

1395030 5 M 4:10-5:00 MANU A  
 R 9:00-9:50, ARRANGED MANU A  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/soils/>

1395035 6 M 4:10-5:00 MANU A  
 R 10:00-10:50 MANU A  
 ARRANGED MANU A  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/soils/>

1395040 7 M 4:10-5:00 MANU A  
 W 11:00-11:50 MANU A  
 ARRANGED MANU A  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/soils/>

1395045 8 M 4:10-5:00 MANU A  
 R 1:10-2:00, ARRANGED MANU A  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/soils/>

1395050 9 M 4:10-5:00 MANU A  
 W 12:10-1:00, ARRANGED MANU A  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/soils/>

1395600 XC ARRANGED HASSELMAN E  
 MEETS: JAN 9-MAY 4  
 Note: Section XC is off campus  
 Course delivery is CD-ROM  
 Delivery fee \$156.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

AGRONOMY

PRINCIP OF AGRONOMY AGRON 114 3 CREDITS  
 1391010 1 MW 4:10-5:00 MULLEN R  
 W 1:10-3:00 MULLEN R  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391015 2 MW 4:10-5:00 MULLEN R  
 R 9:00-10:50 MULLEN R  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391020 3 MW 4:10-5:00 MULLEN R  
 R 11:00-1:00 MULLEN R  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

AGRONOMY

(CONTINUED)

AGRONOMY

(CONTINUED)

SOILS HORT SCIENTST AGRON 155 3 CREDITS  
 Prereq: CHEM 163, RESTRICTED TO STUDENTS IN HORT  
 Note: COURSE RESTRICTED TO HORT MAJORS ONLY. 2-4 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,  
 AGRON 156.  
 6154005 1 M 12:10-1:00 MANU A  
 W 1:10-2:00, ARRANGED MANU A  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/soils/>  
 6154010 2 M 12:10-1:00 MANU A  
 R 1:10-2:00, ARRANGED MANU A  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 Section info: <http://www.agron.iastate.edu/soils/>  
 WORLD WATER RESOURC AGRON 160 3 CREDITS  
 3243005 MWF 9:00-9:50 FRANZ K  
 MEETS: JAN 9-MAY 4  
 INTRO WEATHER&CLIMT AGRON 206 3 CREDITS  
 1397005 MWF 2:10-3:00 FLORY D  
 MEETS: JAN 9-MAY 4  
 CROP GRWTH,PROD&MGMT AGRON 212 3 CREDITS  
 Prereq: 114  
 1399005 1 MWF 11:00-11:50 MIGUEZ F  
 MEETS: JAN 9-MAY 4  
 1399010 2 MWF 11:00-11:50 MIGUEZ F  
 MEETS: JAN 9-MAY 4  
 1399015 3 MWF 11:00-11:50 MIGUEZ F  
 MEETS: JAN 9-MAY 4  
 1399020 4 MWF 11:00-11:50 MIGUEZ F  
 MEETS: JAN 9-MAY 4  
 FIELD APP CROP PROD AGRON 212L 1 CREDIT  
 Prereq: 154, CREDIT OR ENROLLMENT IN AGRON 212  
 6394005 1 T 8:00-9:50 MULLEN R  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 6394010 2 T 2:10-4:00 MULLEN R  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 6394015 3 W 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 6394020 4 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 WEED IDENTIFICATION AGRON 217X 1 CREDIT  
 Prereq: BIOL 101 OR EQUIVALENT  
 7385005 R 2:10-5:00 HARTZLER R  
 MEETS: MARCH 5-MAY 4  
 Note: Field trips & travel fee \$25.00  
 ORGNC CMPDS PLT ENV AGRON 259X 3 CREDITS  
 Prereq: CHEM 163, 165, 167, OR 177. 6 CREDITS  
 IN AGRONOMY RECOMMENDED.  
 8418005 MWF 11:00-11:50 THOMPSON M  
 MEETS: JAN 9-MAY 4  
 SOILS&ENVIR QUALITY AGRON 260 3 CREDITS  
 3973005 1 MWF 12:10-1:00 BURRAS C  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00  
 PESTICIDE APPL CERT AGRON 283 2 CREDITS  
 1905005 MW 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 COOPERATIVE EDUCATN AGRON 298 R CREDIT  
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION  
 COORDINATOR, SOPHOMORE CLASSIFICATION  
 1401005 ARRANGED BURRAS C  
 MEETS: JAN 9-MAY 4  
 PROF DEVEL:WORK EXP AGRON 310 R CREDIT  
 Satisfactory-Fail Only.  
 1389005 ARRANGED BURRAS C  
 MEETS: JAN 9-MAY 4  
 CROP STRUC-FUNC REL AGRON 316 3 CREDITS  
 Prereq: BIOL 212 RECOMMENDED  
 1406005 MWF 2:10-3:00 KNAPP A  
 MEETS: JAN 9-MAY 4  
 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/BIOL 313  
 AND 313L, GEN/AGRON 320  
 1418005 TR 8:00-9:20 SALAS-FERNANDEZ  
 MEETS: JAN 9-MAY 4

INTERCOLL CROP TEAM AGRON 331 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 1408005 T 3:30-7:00PM CHRISTIAN E  
 MEETS: JAN 9-MAY 4  
 FORAGE CROP MGMT AGRON 334 3 CREDITS  
 Prereq: 114  
 Note: Available for nonmajor graduate credit  
 1409005 TR 11:00-12:20 BARNHART S  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.agron.iastate.edu/courses/agron334/default.htm>  
 WORLD FOOD ISSUES AGRON 342 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 1402005 1 TR 11:00-12:20 ZDORKOWSKI G  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00  
 1402010 2 MWF 11:00-11:50 FORD C  
 MEETS: JAN 9-MAY 4  
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,  
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA  
 & PDEXH MAJORS ONLY.  
 Professional support fee \$25.00  
 1402015 3 TR 2:10-3:30 ZDORKOWSKI G  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00  
 1402020 4 MWF 1:10-2:00 FORD C  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00  
 1402600 XW ARRANGED FORD C  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$206.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>  
 TURFGRASS ESTAB&MGMT AGRON 351 3 CREDITS  
 Prereq: HORT 221 OR AGRON 114 OR BIOL 211  
 Note: Available for nonmajor graduate credit  
 1412600 XW ARRANGED CHRISTIANS N  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Syllabus: <http://www.hort.iastate.edu/courses/syllabi/hort351/>  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>  
 SOILS & PLANT GROWTH AGRON 354 3 CREDITS  
 Prereq: 154 AND BIOL 101 OR 212  
 Note: Available for nonmajor graduate credit  
 1414005 1 MWF 10:00-10:50 LOYNACHAN T  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.agron.iastate.edu/courses/agron354/>  
 SOIL&PLANT GRWTH LB AGRON 354L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 354  
 Note: COURSE RESTRICTED TO AGRON & HORT MAJORS ONLY.  
 8362005 1 T 12:10-3:00 CHUA T  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 8362010 2 T 3:10-6:00PM HASSELMAN E  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00  
 ENVIRN SOIL SCIENCE AGRON 360 3 CREDITS  
 Prereq: 260 OR GEOL 100 OR 201  
 3989005 1 MW 9:00-9:50 BURRAS C  
 M 1:10-4:00 BURRAS C  
 MEETS: JAN 9-MAY 4  
 3989010 2 MW 9:00-9:50 BURRAS C  
 W 2:10-5:00 BURRAS C  
 MEETS: JAN 9-MAY 4  
 FLD EXP SOIL DESCRP AGRON 370 1 CREDIT  
 Prereq: 154 AND PERMISSION OF INSTRUCTOR  
 1417005 R 3:10-6:00PM BURRAS C  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 TUTORL UG AGRON RES AGRON 389X 2 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION.  
 388X RECOMMENDED.  
 6983005 ARRANGED THOMPSON M  
 MEETS: JAN 9-MAY 4

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

SYST CROP&SOIL MGMT AGRON 392 3 CREDITS  
 Prereq: 316, 354  
 4515005 MW 1:10-2:00 WIEDENHOEFT M  
 M 2:10-5:00 WIEDENHOEFT M  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$25.00

COOPERATIVE EDUCATN AGRON 398 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE  
 EDUCATION COORDINATOR, JUNIOR CLASSIFICATION  
 1411005 ARRANGED BURRAS C  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

GLOBAL CHANGE AGRON 404 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
 SCIENCES OR ENGINEERING, JUNIOR CLASSIFICATION  
 Note: COURSE RESTRICTED TO GE AT MAJORS ONLY  
 Available for nonmajor graduate credit  
 8140005 MWF 11:00-11:50 GUTOWSKI W  
 MEETS: JAN 9-MAY 4  
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>  
 8140600 XW ARRANGED GUTOWSKI W  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

PRO DEVELP SR FORUM AGRON 410 1 CREDIT  
 Prereq: SENIOR CLASSIFICATION  
 1428005 A T 2:10-3:00 LAMKEY K  
 MEETS: JAN 9-MAY 4

EVOLTNRY ECOL WEEDS AGRON 417 3 CREDITS  
 Prereq: 317  
 3094005 TR 8:00-9:20 DEKKER J  
 MEETS: JAN 9-MAY 4  
 3094600 XW ARRANGED DEKKER J  
 MEETS: JAN 9-MAY 4  
 Note: WEB TELEPHONE GROUP DISCUSSIONS VIA SKYPE. LIVE  
 GROUP DISCUSSIONS VIA SKYPE ARE REQUIRED. THE LISTED  
 TIMES ARE 8 AM-9:20 AM, TUESDAYS/THURSDAYS, BUT THE  
 INSTRUCTOR WILL WORK TO FIND A TIME TO ACCOMMODATE  
 ALL STUDENTS.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Section info: <http://www.agron.iastate.edu/~weeds/ag517/ag517hp.html>  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

INTL ISS SUSTAI DEV AGRON 446 4 CREDITS  
 Prereq: 3 CREDIT BIOLOGY COURSE, SOPH OR HIGHER  
 CLASSIFICATION, PERMISSION OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 1856005 ARRANGED MULLEN R  
 MEETS: JAN 9-MAY 4

SOIL FORMATN&LANDSC AGRON 463 4 CREDITS  
 Prereq: 154 OR 260  
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR  
 IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED  
 TOWARD GRADUATION  
 Available for nonmajor graduate credit  
 1435010 1 TR 10:00-10:50 BURRAS C  
 T 2:10-5:00 BURRAS C  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use and field trips & travel fee \$25.00

SOIL PHYSICS AGRON 477 3 CREDITS  
 Prereq: 154. RECOMMENDED: MATH 166.  
 3144005 MWF 10:00-10:50 HORTON R  
 MEETS: JAN 9-MAY 4

ORGANC AG:THRY&PRAC AGRON 484 3 CREDITS  
 Prereq: 9 CR IN BIOLOGICAL OR PHYSICAL SCIENCES  
 Note: Available for nonmajor graduate credit  
 3157005 T 6:10-9:00PM DELATE K  
 MEETS: JAN 9-MAY 4  
 3157600 XW ARRANGED DELATE K  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KATHLEEN DELATE FOR PERMISSION TO  
 REGISTER AT 515-294-7069/KDELATE@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is On-site instruction  
 Delivery fee \$156.00

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

INDEP STUDY HONORS AGRON 490H 1- 5 CREDITS  
 Prereq: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON  
 INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN  
 MEMBERSHIP IN THE HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS  
 ONLY. NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE  
 APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR  
 GRADUATION.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP AGRON 491 1- 2 CREDITS  
 Prereq: 338, ADVANCED APPROVAL AND PARTICIPATION  
 OF EMPLOYER AND INSTRUCTOR  
 Note: Instructor permission required.  
 1440005 1 ARRANGED KNAPP A  
 MEETS: JAN 9-MAY 4  
 1440010 2 ARRANGED MULLEN R  
 MEETS: JAN 9-MAY 4

AG INT'L TRAVL TOUR AGRON 496A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 9433800 AR ARRANGED LUVAGA E  
 MEETS: JAN 9-MAY 4  
 Note: SEC AR TAUGHT IN ARGENTINA. TOPIC:  
 AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN  
 ARGENTINA. SPRING 2012 - TRAVEL MARCH 8-19  
 VARIABLE CREDITS 1-3.  
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUCATN AGRON 498 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE  
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
 1416005 ARRANGED BURRAS C  
 MEETS: JAN 9-MAY 4

CROP GROWTH &DEVELP AGRON 501 3 CREDITS  
 Prereq: 114, MATH 140, CHEM 163, BIOL 101  
 6438600 XW ARRANGED KNAPP A  
 MEETS: JAN 9-MAY 4  
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE  
 MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS  
 CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT  
 515-294-2999 OR MSAGRON@IASTATE.EDU.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is CD  
 Delivery fee \$175.00  
 Syllabus: <http://masters.agron.iastate.edu/classes/501/intro/index.html>  
 Cmptr reqmt: <http://www.masters.agron.iastate.edu/students/techrequirements.aspx>

GLOBAL CHANGE AGRON 504 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES  
 OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING  
 Note: COURSE RESTRICTED TO GE AT MAJORS ONLY  
 8143005 MWF 11:00-11:50 GUTOWSKI W  
 MEETS: JAN 9-MAY 4

MESOSCALE MTEOROLGY AGRON 507 3 CREDITS  
 Prereq: MATH 166 AND MTEOR 454  
 5266005 TR 9:30-10:50 GALLUS W  
 MEETS: JAN 9-MAY 4

BIOPHYSCL CROP ECOL AGRON 508 3 CREDITS  
 Prereq: 505  
 1443005 ARRANGED TAYLOR S  
 MEETS: JAN 9-MAY 4

CROP IMPROVEMENT AGRON 511 3 CREDITS  
 Prereq: 114, MATH 140, CHEM 163, BIOL 101/109  
 6455600 XW ARRANGED CAMPBELL A  
 MEETS: JAN 9-MAY 4  
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE  
 MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS  
 CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT  
 515-294-2999 OR MSAGRON@IASTATE.EDU.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is CD  
 Delivery fee \$175.00  
 Syllabus: <http://www.masters.agron.iastate.edu/classes/511/intro/index.html>  
 Cmptr reqmt: <http://www.masters.agron.iastate.edu/students/techrequirements.aspx>

SOIL-PLANT ENVIRONM AGRON 512 3 CREDITS  
 Prereq: 502, 501 RECOMMENDED.  
 6481600 XW ARRANGED LOYNACHAN T  
 MEETS: JAN 9-MAY 4  
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE  
 MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS  
 CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT  
 515-294-2999 OR MSAGRON@IASTATE.EDU.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is CD  
 Delivery fee \$175.00  
 Syllabus: <http://www.masters.agron.iastate.edu/classes/512/intro/index.html>  
 Cmptr reqmt: <http://www.masters.agron.iastate.edu/students/techrequirements.aspx>

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

QUANTITATIVE METHODS AGRON 513 3 CREDITS  
 Prereq: 114, MATH 140, STAT 104  
 6456600 XW ARRANGED MOORE K  
 MEETS: JAN 9-MAY 4  
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is CD  
 Delivery fee \$175.00  
 Syllabus: <http://www.masters.agron.iastate.edu/classes/513/intro/index.html>  
 Cmptr reqmt: <http://www.masters.agron.iastate.edu/students/techrequirements.aspx>

CROP PHYSIOLOGY AGRON 516 3 CREDITS  
 1444005 MW 9:00-10:30 WESTGATE M  
 MEETS: JAN 9-MAY 4

EVOLUTNRY ECOL WEEDS AGRON 517 3 CREDITS  
 Prereq: 317  
 1445005 TR 8:00-9:20 DEKKER J  
 MEETS: JAN 9-MAY 4  
 1445600 XW ARRANGED DEKKER J  
 MEETS: JAN 9-MAY 4  
 Note: WEB TELEPHONE GROUP DISCUSSIONS VIA SKYPE. LIVE GROUP DISCUSSIONS VIA SKYPE ARE REQUIRED. THE LISTED TIMES ARE 8 AM-9:20 AM, TUESDAYS/THURSDAYS, BUT THE INSTRUCTOR WILL WORK TO FIND A TIME TO ACCOMMODATE ALL STUDENTS.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Section info: <http://www.agron.iastate.edu/~weeds/ag517/ag517hp.html>  
 Cmptr reqmt: <http://www.agron.iastate.edu/~weeds/ag517/ag517hp.html>

MICROWV REMOTE SENS AGRON 518 3 CREDITS  
 Prereq: MATH 265 OR EQUIVALENT  
 3075005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

HERBICIDE PHY&BIOCH AGRON 519 2 CREDITS  
 Prereq: 317, BIOL 330  
 1446005 ARRANGED OWEN M  
 MEETS: JAN 9-MAY 4

MOLECLR PLANT BREED AGRON 523 3 CREDITS  
 Prereq: AGRON 421 OR 521, GDCE 542A  
 9206005 TR 8:00-9:20 LUBBERSTEDT T  
 MEETS: JAN 9-MAY 4

FIELD PLOT TECHNIQS AGRON 526 3 CREDITS  
 Prereq: STAT 401  
 1450005 TR 9:30-10:50 MOORE K  
 R 2:10-4:00 MOORE K  
 MEETS: JAN 9-MAY 4

PLANT GENETICS AGRON 527 3 CREDITS  
 Prereq: GEN 410  
 2358005 MWF 10:00-10:50 BHATTACHARYYA M  
 MEETS: JAN 9-MAY 4

PBLSH BIOL SCI JRNL AGRON 529 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; EVIDENCE OF A PUBLISHABLE UNIT OF THE STUDENT'S RESEARCH DATA  
 7114005 TR 3:10-4:30  
 MEETS: JAN 9-MAY 4

APPLD AG METEOROLGY AGRON 541 2-3 CREDITS  
 Prereq: 206 OR UPPER DIVISION BIOLOGICAL SCIENCE  
 Note: CREDIT FOR EITHER AGRON 541 OR AGRON 503, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 1454005 ARRANGED TAYLOR S  
 MEETS: JAN 9-MAY 4  
 1454600 XW ARRANGED TAYLOR S  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is CD  
 Delivery fee \$175.00  
 Section info: <http://www.agron.iastate.edu/courses/agron541/classes/541/index.html>  
 Syllabus: <http://www.agron.iastate.edu/courses/agron541/classes/541/intro/index>

LVSTK-NUTRIE&GS ISS AGRON 543B 2 CREDITS  
 Prereq: AN S 319, OR AGRON 212 AND 354  
 6908600 XW ARRANGED RUSSELL J  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT JIM RUSSELL FOR PERMISSION TO REGISTER AT 515-294-4631/JRUSSELL@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

STRAT DIVERSFD FARM AGRON 546 3 CREDITS  
 Prereq: 509  
 7440005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or travel fee \$40.00

PERENNIAL GRASSES AGRON 551 2 CREDITS  
 Prereq: JUNIOR OR SENIOR OR GRAD CLASSIFICATION OR PERMISSION OF INSTRUCTOR  
 1458005 MW 10:00-10:50  
 MEETS: JAN 9-MAY 4

SOIL FORMATN&LANDSC AGRON 563 4 CREDITS  
 Prereq: 154 OR 260  
 Note: CREDIT FOR EITHER AGRON/ENSCI 563 OR IA LL/AGRON/ENSCI 563I BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 3237010 1 TR 10:00-10:50 BURRAS C  
 T 2:10-5:00, ARRANGED BURRAS C  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use and field trips & travel fee \$25.00

PRO PRCTC:RSPLB RES AGRON 565A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 2219005 1 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 2219010 2 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

PRO PRCTCE:WRK INDU AGRON 565B .5 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 2225005 ARRANGED  
 MEETS: JAN 9-MAY 4

SOIL PHYSICS AGRON 577 3 CREDITS  
 Prereq: 154. RECOMMENDED: MATH 166.  
 1464005 MWF 10:00-10:50 HORTON R  
 MEETS: JAN 9-MAY 4

LAB MTHD SOIL PHYSC AGRON 578 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN 577  
 1465005 M 1:10-4:00 HORTON R  
 MEETS: JAN 9-MAY 4

ORGANC AG THRY&PRAC AGRON 584 3 CREDITS  
 Prereq: 9 CREDITS IN BIOLOGICAL OR PHYSICAL SCI  
 3396005 T 6:10-9:00PM DELATE K  
 MEETS: JAN 9-MAY 4  
 3396600 XW ARRANGED DELATE K  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KATHLEEN DELATE FOR PERMISSION TO REGISTER AT 515-294-7069/KDELATE@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is On-site instruction  
 Delivery fee \$156.00

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

AGRONOMIC SYS ANALY AGRON 591 3 CREDITS  
 Prereq: 511, 513, 531, 532, 533  
 2042600 XW ARRANGED WIEDENHOEFT M  
 MEETS: JAN 9-MAY 4  
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is CD  
 Delivery fee \$175.00

CURRNT ISSUES AGRON AGRON 592 3 CREDITS  
 Prereq: 501, 503, 511, 512, 513, 514  
 2044600 XW ARRANGED FALES S  
 MEETS: JAN 9-MAY 4  
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is CD  
 Delivery fee \$175.00  
 Syllabus: <http://www.masters.agron.iastate.edu/classes/592/intro/index.html>  
 Cmptr reqmt: <http://www.masters.agron.iastate.edu/students/techrequirements.aspx>

SEED QUAL,PRODU MGT AGRON 595 3 CREDITS  
 Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS MASTER'S DEGREE PROGRAM OR APPROVAL OF THE INSTRUCTOR  
 3195600 XW ARRANGED MUNKVOLD G  
 MEETS: JAN 9-MAY 4  
 Note: COURSE RESTRICTED TO STB MAJORS. ALL OTHER MAJORS CONTACT INSTRUCTOR FOR PERMISSION--GARY MUNKVOLD AT 515-294-7560/MUNKVOLD@IASTATE.EDU.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$876.00  
 Tuition Category: Seed Tech & Bus



AGRONOMY		(CONTINUED)
CR COMP AG METEOROL	AGRON 599A VAR.	CREDITS
1472005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 4	
CR COMP CROP PRD&PH	AGRON 599B VAR.	CREDITS
1473005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 4	
CR COMP PLNT BREEDG	AGRON 599C VAR.	CREDITS
1474005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 4	
CRTV COMP SOIL CHEM	AGRON 599D VAR.	CREDITS
1475005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 4	
CR COMP SOIL FERTIL	AGRON 599E VAR.	CREDITS
1476005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 4	
CRTV COMPN SOIL MGT	AGRON 599F VAR.	CREDITS
1477005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 4	
CR COMP SOIL MICROB	AGRON 599G VAR.	CREDITS
1478005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 4	
CR COMP SOIL MORPHO	AGRON 599H VAR.	CREDITS
1479005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 4	
CR COMP SOIL PHYSCS	AGRON 599I VAR.	CREDITS
1480005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 4	
CRTV COMP SEED SCI	AGRON 599K VAR.	CREDITS
1639005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 4	
CRTV COMP WEED SCI	AGRON 599L VAR.	CREDITS
1649005	Prereq: NONTHESIS M.S. OPTION ONLY ARRANGED MEETS: JAN 9-MAY 4	
CREATV COMPON AGRON	AGRON 599M VAR.	CREDITS
6508005	Prereq: NONTHESIS M.S. OPTION ONLY Satisfactory-Fail Only. ARRANGED MEETS: JAN 9-MAY 4	
6508600	XA ARRANGED MEETS: JAN 9-MAY 4	
Note: CONTACT DAWN MILLER FOR PERMISSION TO REGISTER AT 515-294-2999/MSAGRON@IASTATE.EDU. Department permission required. Section XA is off campus. Course delivery is independent study		
PLANT BREEDING SEM	AGRON 600A	1 CREDIT
1481005	W 4:10-5:00 MEETS: JAN 9-MAY 4	
SOILS SEMINAR	AGRON 600B	1 CREDIT
1482005	ARRANGED MEETS: JAN 9-MAY 4	HORTON R
AG METEOROLOGY CONF	AGRON 609	1 CREDIT
1484005	Prereq: PERMISSION OF INSTRUCTOR ARRANGED MEETS: JAN 9-MAY 4	
GENET STRAT PLT BRD	AGRON 625	3 CREDITS
1489005	Prereq: 521, GEN 410, BOT 545 TR 11:00-12:20 MEETS: JAN 9-MAY 4	
ADV SOIL BIOCHEM	AGRON 685	2 CREDITS
1496005	Prereq: 585 ARRANGED MEETS: JAN 9-MAY 4	TABATABAI M
RESEARCH SEMINAR	AGRON 696	1 CREDIT
8829005	Satisfactory-Fail Only. W 4:10-5:30 MEETS: JAN 9-MAY 4	

AGRONOMY		(CONTINUED)
AGRON TCHNG PRACTCM	AGRON 698	1- 2 CREDITS
Prereq: GRADUATE CLASSIFICATION IN AGRON AND PERMISSION OF INSTRUCTOR Satisfactory-Fail Only. ***** SEE DEPT FOR REFERENCE NUMBERS		
RES AG METEOROLOGY	AGRON 699A VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		
RES CROP PROD&PHYSL	AGRON 699B VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		
RES PLANT BREEDING	AGRON 699C VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		
RESEARCH SOIL CHEM	AGRON 699D VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		
RESRCH SOIL FERTILI	AGRON 699E VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		
RESEARCH SOIL MGMT	AGRON 699F VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		
RES SOIL MICROBIOL	AGRON 699G VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		
RESRCH SOIL MORPHOL	AGRON 699H VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		
RESRCH SOIL PHYSICS	AGRON 699I VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		
RES PLANT PHYSIOLGY	AGRON 699J VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		
RESEARCH SEED SCI	AGRON 699K VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		
RESEARCH WEED SCI	AGRON 699L VAR.	CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS		

### AIR FORCE AEROSPACE STUDIES

INTRO LEADER LAB II	AFAS 102	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. 8730005 T 6:30-7:50 MEETS: JAN 9-MAY 4 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK		
FOUND U S AIR FORCE	AFAS 142	1 CREDIT
1261005 A T 8:00-8:50 MEETS: JAN 9-MAY 4 1261010 B W 1:10-2:00 MEETS: JAN 9-MAY 4		
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: JAN 9-MAY 4 Note: TIMES LISTED ARE MORNING/A.M.		
BASIC LDRSHP LAB II	AFAS 202	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. 8732005 T 6:30-7:50 MEETS: JAN 9-MAY 4 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK		
EVOL USAF AIR POWER	AFAS 242	1 CREDIT
1263005 A W 9:00-9:50 MEETS: JAN 9-MAY 4 1263010 B R 8:00-8:50 MEETS: JAN 9-MAY 4		
INTMD LDRSHP LAB II	AFAS 302	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. 8734005 T 6:30-7:50 MEETS: JAN 9-MAY 4 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK		

AIR FORCE AEROSPACE STUDIES (CONTINUED)

AIR F LDRSHF STU II AFAS 342 3 CREDITS  
 Prereq: 341  
 1265005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 1265010 B TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 1265600 XW ARRANGED STEPHENS J  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 11 AM - 12:20 PM OR  
 TR 2:10-3:30 PM OR STUDENTS HAVE THE OPTION TO VIEW  
 LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

ADV LEADRSHP LAB II AFAS 402 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.  
 8736005 T 6:30-7:50  
 MEETS: JAN 9-MAY 4  
 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

NATIONAL SECURITY AFAS 442 3 CREDITS  
 Note: Meets international perspectives reqmt  
 1267005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 1267010 B TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 1267600 XW ARRANGED NOVY M  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 12:40-2 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

**AMERICAN INDIAN STUDIES**

INTR AM INDIAN STDI AM IN 210 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 1506005 A MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 1506010 B MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1506015 C MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 1506020 D TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 1506025 E TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 1506030 F MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 1506035 G TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

TOPICS AMERI INDIAN AM IN 310 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 9438005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 9438605 XV ARRANGED COPPOC J  
 MEETS: JAN 9-MAY 4  
 Note: Section XV is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00  
 9438600 XW ARRANGED COPPOC J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

PEOPL&CUL NATV N AM AM IN 322 3 CREDITS  
 Prereq: ANTHR 201 OR AM IN 210  
 Note: Meets U.S. diversity reqmt  
 1508005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

TOP LATN AM REGIONL AM IN 323D 3 CREDITS  
 Prereq: ANTHR 201 OR 306 RECOMMENDED  
 Note: Meets international perspectives reqmt  
 3555005 1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

AMERICAN INDIAN LIT AM IN 346 3 CREDITS  
 Prereq: ENGL 250  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 1511005 A1 TR 9:30-10:50 LARSON S  
 MEETS: JAN 9-MAY 4  
 1511010 A2 TR 9:30-10:50 LARSON S  
 MEETS: JAN 9-MAY 4

AMERICAN INDIAN STUDIES (CONTINUED)

INDEPENDENT STUDY AM IN 490 VAR. CREDITS  
 Prereq: 6 CR IN AM IN STUDIES, INSTR PERMISSION  
 Note: NO MORE THAN 9 CREDITS IN AM IN 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ANIMAL ECOLOGY**

FISH BIOLOGY A ECL 321 3 CREDITS  
 Prereq: 365  
 1064010 MW 9:00-9:50 ROE K  
 M 3:10-6:00PM ROE K  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00

NAT HIST IOWA VERTE A ECL 366 3 CREDITS  
 Prereq: BIOL 211, 211L, 212L, 212L  
 2722005 1 MW 10:00-10:50 STEWART T  
 T 9:00-11:50 STEWART T  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$35.00  
 2722010 2 MW 10:00-10:50 STEWART T  
 F 10:00-12:50 STEWART T  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$35.00

INTR AQUAT ANIM MED A ECL 401 1 CREDIT  
 6184005 1 T 7:10-9:00PM  
 MEETS: MARCH 5-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$40.00

AQUACULTURE A ECL 442 3 CREDITS  
 Prereq: 486, CREDIT OR ENROLLMENT IN 321  
 1071005 1 MW 10:00-10:50 MORRIS J  
 W 1:10-4:00 MORRIS J  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$40.00

PRIN WILDLIF DISEAS A ECL 454 3 CREDITS  
 Prereq: JUNIOR STANDING AND AT LEAST 10 CREDITS  
 IN BIOLOGICAL SCIENCES AT THE 300+ LEVEL  
 8930005 1 MWF 11:00-11:50 BLANCHONG J  
 MEETS: JAN 9-MAY 4

ORNITHOLOGY A ECL 458 3 CREDITS  
 Prereq: 365 OR BIOL 351  
 2766005 1 MW 10:00-10:50 DINSMORE S  
 T 7:00-9:50 DINSMORE S  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00  
 2766010 2 MW 10:00-10:50 DINSMORE S  
 W 7:00-9:50 DINSMORE S  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00

MAMMALOLOGY A ECL 459 3 CREDITS  
 Prereq: 365 OR BIOL 351  
 2768005 1 MW 2:10-3:00 CLARK W  
 T 9:00-11:50 CLARK W  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 2768010 2 MW 2:10-3:00 CLARK W  
 W 9:00-11:50 CLARK W  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

AVIAN ECOLOGY A ECL 516 3 CREDITS  
 Prereq: 312, 365 OR GRADUATE STANDING  
 Note: Instructor permission required 1st week.  
 8094005 1 MW 3:10-4:30 DINSMORE S  
 MEETS: JAN 9-MAY 4

AQUACULTURE A ECL 542 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 321  
 1100005 1 MW 10:00-10:50 MORRIS J  
 W 1:10-4:00 MORRIS J  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$40.00

BEHAVIORAL ECOLOGY A ECL 551 3 CREDITS  
 Prereq: A COURSE IN ECOLOGY OR ANIMAL BEHAVIOR  
 Note: Instructor permission required 1st week.  
 1104005 1 MW 10:00-10:50 FAIRBANKS W  
 F 9:00-10:50 FAIRBANKS W  
 MEETS: JAN 9-MAY 4

PRIN WILDLIF DISEAS A ECL 554 3 CREDITS  
 Prereq: GRAD CLASSIFICATION  
 8934005 1 MWF 11:00-11:50 BLANCHONG J  
 MEETS: JAN 9-MAY 4

ORNITHOLOGY A ECL 558 3 CREDITS  
 Prereq: 365 OR BIOL 351  
 2872005 1 MW 10:00-10:50 DINSMORE S  
 T 7:00-9:50 DINSMORE S  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00  
 2872010 2 MW 10:00-10:50 DINSMORE S  
 W 7:00-9:50 DINSMORE S  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00

ANIMAL ECOLOGY

(CONTINUED)

ANIMAL SCIENCE

(CONTINUED)

MAMMALOGY A ECL 559 3 CREDITS  
 Prereq: 365 OR BIOL 351  
 2899005 1 MW 2:10-3:00 CLARK W  
 T 9:00-11:50 CLARK W  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 2899010 2 MW 2:10-3:00 FAIRBANKS W  
 W 9:00-11:50 FAIRBANKS W  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 CREATIVE COMPONENT A ECL 599 VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
 TEACHING PRACTICUM A ECL 698 1- 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION IN ANIMAL ECOLOGY  
 AND PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
 RESEARCH A ECL 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ANIMAL SCIENCE

WORKING WITH ANIMALS AN S 101 2 CREDITS  
 1527005 1 W 10:00-10:50  
 F 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1527010 2 W 10:00-10:50  
 F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1527015 3 W 10:00-10:50  
 F 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1527020 4 W 10:00-10:50  
 F 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 ORIENTATION IN AN S AN S 110 R CREDIT  
 1518005 1 R 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 SURVEY ANIMAL INDUS AN S 114 2 CREDITS  
 1519005 A MW 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 HORSE EVENT MKT&MGT 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 W 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 ISSUES FACING AN S AN S 211 1 CREDIT  
 Prereq: 114, SOPHOMORE CLASSIFICATION  
 Satisfactory-Fail Only.  
 1542005 1 T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 DOMEST ANIM PHYSIOL AN S 214 3 CREDITS  
 Prereq: BIOL 212/202, CHEM 163 OR 177  
 1521005 1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 DOM AN ANAT&PHY LAB AN S 214L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN AN S 214  
 1545005 1 T 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 1545010 2 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 1545015 3 T 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 1545020 4 T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 EQUINE SCIENCE AN S 216 3 CREDITS  
 Prereq: 101 OR 114; ONE COURSE IN BIOLOGY  
 4825005 1 TR 9:00-9:50  
 M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$160.00  
 4825010 2 TR 9:00-9:50  
 M 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$160.00

COMPANION ANIM SCI AN S 224 3 CREDITS  
 Prereq: COURSE IN BIOLOGY  
 8087005 1 MW 2:10-3:00  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 8087010 2 MW 2:10-3:00  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 8087015 3 MW 2:10-3:00  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 8087020 4 MW 2:10-3:00  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 SWINE SCIENCE AN S 225 3 CREDITS  
 Prereq: 114, 101  
 Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY  
 SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.  
 1725005 1A MF 10:00-10:50  
 W 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1725010 1B MF 10:00-10:50  
 W 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1725015 2A MF 10:00-10:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1725020 2B MF 10:00-10:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1725025 3A MF 10:00-10:50  
 W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1725030 3B MF 10:00-10:50  
 W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1725035 4A MF 10:00-10:50  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1725040 4B MF 10:00-10:50  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 BEEF CATTLE SCIENCE AN S 226 3 CREDITS  
 Prereq: 114, 101  
 Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY  
 SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.  
 1726005 1A MW 1:10-2:00  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1726010 1B MW 1:10-2:00  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1726015 2A MW 1:10-2:00  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1726020 2B MW 1:10-2:00  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1726025 3A MW 1:10-2:00  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1726030 3B MW 1:10-2:00  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1726035 4A MW 1:10-2:00  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1726040 4B MW 1:10-2:00  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 SHEEP SCIENCE AN S 229 3 CREDITS  
 Prereq: 114, 101  
 1727005 1 MW 8:00-8:50  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00  
 1727010 2 MW 8:00-8:50  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$105.00

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

FOODS ANIMAL ORIGIN AN S 270 2 CREDITS  
 Prereq: BIOL 212/202, CHEM 163 OR 177  
 1524005 1 TR 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 1524600 XW ARRANGED LONERGAN S  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

FOODS ANIM ORIG LAB AN S 270L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 270  
 7169005 1 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$60.00  
 7169010 2 W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$60.00

BASIC SWINE SCIENCE AN S 280X 2 CREDITS  
 Prereq: 101, 114  
 8120600 XF ARRANGED BAAS T  
 MEETS: JAN 17-APRIL 27  
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Course delivery is WWW  
 Section XF is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

8120605 XH ARRANGED BAAS T  
 MEETS: JAN 17-APRIL 27  
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Tuition Category: GPIDEA Consortium  
 Section XH is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

EQUINE EVALUATION AN S 306 3 CREDITS  
 Prereq: SOPH CLASSIFICATN OR INSTRUCTOR PERMISSN  
 3582005 1 TR 4:10-5:30, ARRANGED  
 MEETS: JAN 9-MAY 4

CAREER PREP AN SCI AN S 311 1 CREDIT  
 Prereq: JUNIOR CLASSIFICATION IN AN S  
 Satisfactory-Fail Only.  
 1621005 1 W 3:10-5:00  
 MEETS: JAN 9-MAY 4

ANIMAL NUTRITION AN S 319 3 CREDITS  
 Prereq: 214, COURSE IN ORGANIC CHEM OR BIOCHEM  
 Note: Available for nonmajor graduate credit  
 1529005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

ANIML FEEDS&FEEDING AN S 320 3 CREDITS  
 Prereq: 319  
 1635005 1 M 8:00-9:50  
 W 8:00-9:50  
 MEETS: JAN 9-MAY 4

DOMSTC ANIM REPRODU AN S 331 3 CREDITS  
 Prereq: COURSE IN PHYSIOLOGY  
 Note: Available for nonmajor graduate credit  
 1531005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

ANIM REPROD LAB MTH AN S 332 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 331  
 1532005 1 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$140.00

DAIRY CATTLE EVALUA AN S 335 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 1533005 1 TR 4:10-5:00  
 TR 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$100.00

DOMESTC ANIM BEHAVR AN S 336 3 CREDITS  
 Prereq: ONE COURSE IN PHYSIOLOGY  
 1938005 1 TR 9:00-9:50  
 W 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$100.00  
 1938010 2 TR 9:00-9:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$100.00

LACTATION AN S 337 3 CREDITS  
 Prereq: 214  
 1711005 1 TR 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

GRWTH&DEV DOMEST AN AN S 345 3 CREDITS  
 Prereq: 214; BIOL 313 OR GEN 320  
 4478005 1 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

GENET IMPRV DOM ANI AN S 352 3 CREDITS  
 Prereq: ONE COURSE IN STATISTICS, BIOL 211/201,  
 COURSE IN GENETICS  
 Note: Available for nonmajor graduate credit  
 1534010 1 MW 9:00-9:50  
 T 8:00-9:50  
 MEETS: JAN 9-MAY 4

1534015 2 MW 9:00-9:50  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4

1534020 3 MW 9:00-9:50  
 T 12:10-2:00  
 MEETS: JAN 9-MAY 4

TP ADV SWINE BREEDI AN S 380A 1 CREDIT  
 Prereq: 225, OR 280X AND 280L  
 8180600 XG ARRANGED  
 MEETS: JAN 17-APRIL 27  
 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

TP ADV SWIN NRS MGT AN S 380G 1 CREDIT  
 Prereq: 225, OR 280X AND 280L  
 8323600 XG ARRANGED  
 MEETS: JAN 17-APRIL 27  
 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

TOP ADV PORK EXPORT AN S 380I 1 CREDIT  
 Prereq: 225, OR 280X AND 280L  
 8366600 XG ARRANGED  
 MEETS: JAN 17-APRIL 27  
 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

TP ADV PORK QUAL&SF AN S 380J 1 CREDIT  
 Prereq: 225, OR 280X AND 280L  
 8368600 XG ARRANGED  
 MEETS: JAN 17-APRIL 27  
 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

SWINE MANUR&NTR MGT AN S 383X 1 CREDIT  
 Prereq: 225, OR 280X AND 280L  
 6876600 XF ARRANGED HARMON J  
 MEETS: JAN 17-APRIL 27  
 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

6876605 XH ARRANGED HARMON J  
 MEETS: JAN 17-APRIL 27  
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Tuition Category: GPIDEA Consortium  
 Section XH is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

SWINE HLTH&BIOSECUR AN S 384X 1 CREDIT  
 Prereq: 225, OR 280X AND 280L; RECOMMEND A  
 COURSE IN MICROBIOLOGY  
 5758600 XF ARRANGED KARRIKER L  
 MEETS: JAN 17-APRIL 27  
 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  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

5758605 XH ARRANGED KARRIKER L  
 MEETS: JAN 17-APRIL 27  
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Tuition Category: GPIDEA Consortium  
 Section XH is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS  
 Prereq: PERMISSION OF THE INSTRUCTOR  
 1538005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

SUPERV'D INTERNSHIP AN S 399B R CREDIT  
 Prereq: PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 2258005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

ISSUES ANIMAL SCIEN AN S 411 1 CREDIT  
 Prereq: SENIOR CLASSIFICATION IN AN S  
 1713005 1 T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

EQUINE SYSTEMS MGMT AN S 415 3 CREDITS  
 Prereq: 216, 319, 320, 331  
 Note: Available for nonmajor graduate credit  
 8779005 1 MW 12:10-1:00  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$150.00  
 8779010 2 MW 12:10-1:00  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$150.00

EQUINE REPRODUC MGT AN S 417 3 CREDITS  
 Prereq: 216, 331, CREDIT OR CONCURRENT ENR IN 415  
 PERMISSION OF INSTRUCTOR  
 8257005 1 MW 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$160.00

COMPAN ANIM SYS MGT AN S 424 3 CREDITS  
 Prereq: 224, 319, 320, 331, 352  
 Note: Available for nonmajor graduate credit  
 1803005 1 MW 11:00-11:50  
 F 12:10-2:00  
 MEETS: JAN 9-MAY 4

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 MW 3:10-4:00  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$115.00

SHEEP SYSTEMS MGT AN S 429 3 CREDITS  
 Prereq: 229; 319; 320; 331; 352. AGRON 334 IS  
 RECOMMENDED. ECON 230 OR EQUIVALENT IS RECOMMENDED.  
 Note: Available for nonmajor graduate credit  
 1551005 1 TR 10:00-10:50  
 T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$125.00

APP DAIRY FARM EVAL AN S 435 3 CREDITS  
 Prereq: 434, ECON 230  
 Note: Available for nonmajor graduate credit  
 8618005 1 MW 1:10-2:00  
 F 8:00-9:50  
 MEETS: JAN 9-MAY 4

PROCESSED MEATS AN S 460 3 CREDITS  
 Prereq: 270, 270L  
 Note: Available for nonmajor graduate credit  
 1555010 1 MW 9:00-9:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$55.00  
 1555015 2 MW 9:00-9:50  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$55.00

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 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$500.00

JUDGNG 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 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$500.00

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: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$500.00

JUDG MEAT ANIM EVAL AN S 475D 1- 2 CREDITS  
 Prereq: ADMISSION BY INVITATION  
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED  
 TOWARD GRADUATION  
 1559005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$500.00

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 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$500.00

INTCOLL JUDG MGT SY AN S 475F 1- 2 CREDITS  
 Prereq: ADMISSION BY INVITATION  
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED  
 TOWARD GRADUATION  
 1728008 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

BEEF INDU LDR FELLOW AN S 480A 1 CREDIT  
 Prereq: 226, INSTRUCTOR PERMISSION  
 Satisfactory-Fail Only.  
 8710005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

PORK INDU LDR FELLOW AN S 480C 1 CREDIT  
 Prereq: 225, INSTRUCTOR PERMISSION  
 Satisfactory-Fail Only.  
 4509005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

ISSUES FOOD SAFETY AN S 489 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR 272  
 OR HRI 233; FS HN 419 OR 420; FS HN 403  
 8348005 MW 2:10-3:00  
 MEETS: MARCH 5-MAY 4

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

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

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

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

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

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

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

ANIMAL SCIENCE (CONTINUED)

DIGESTV PHYSL RUMIN AN S 520 3 CREDITS  
 Prereq: 419 OR NUTRS 501  
 1573005 1 TR 3:10-4:00  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4

PHYSL&ENDOCRN REPRO AN S 533 2 CREDITS  
 Prereq: GENERAL PHYSIOLOGY COURSE  
 1574005 MW 3:10-4:00  
 MEETS: JAN 9-MAY 4

PERINATOLOGY AN S 536 2 CREDITS  
 Prereq: ONE COURSE IN PHYSIOLOGY; ONE COURSE IN  
 BIOCHEMISTRY  
 1782005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

TOP FARM AN WELFARE AN S 537C 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; M.S. OR PH.D.  
 STUDENT  
 8666600 XW ARRANGED BUTTERS-JOHNSON  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT ANNA JOHNSON FOR PERMISSION TO REGISTER  
 AT 515-294-2098/JOHNSONA@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: http://www.agde.iastate.edu/support  
 /comp.reqs.php

LVSTK:NUTRIE&GS ISS AN S 543B 2 CREDITS  
 Prereq: AN S 319, OR AGRON 212 AND 354  
 6888600 XW ARRANGED RUSSELL J  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT JIM RUSSELL FOR PERMISSION TO REGISTER AT  
 515-294-4631/JRUSSELL@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: http://www.agde.iastate.edu/support  
 /comp.reqs.php

TOPICS GENOME ANALY AN S 556 3 CREDITS  
 Prereq: BBMB 405 OR GDCE 510  
 2050005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

PROCESSED MEATS AN S 560 3 CREDITS  
 Prereq: 270  
 1730005 1 MW 9:00-9:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$55.00  
 1730010 2 MW 9:00-9:50  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$55.00

LINEAR MOD&GEN PRED AN S 562A 2 CREDITS  
 Prereq: 561, STAT 402  
 2352005 1 TR 10:00-10:50  
 MEETS: JAN 9-MAY 4

ADV GEN PREDI&PARAM AN S 562B 2 CREDITS  
 Prereq: 561, STAT 402  
 7577005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

PRO PRCTC:RSPBL RES AN S 565A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 5829005 1 T 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 5829010 2 ARRANGED  
 MEETS: JAN 9-MAY 4

PRO PRCTCE:WRK INDU AN S 565B .5 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 5878005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV MEAT SCI&MUSCLE AN S 570 3 CREDITS  
 Prereq: 460  
 1578005 1 MW 9:00-9:50  
 F 9:00-10:50  
 MEETS: JAN 9-MAY 4

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

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

ANIMAL SCIENCE (CONTINUED)

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

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

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

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

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

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

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

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

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

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

SPL TOPICS ETHOLOGY AN S 590N 1- 3 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP AN BREEDG AN S 599A 1- 8 CREDITS  
 Prereq: NONTHESIS M.S. STATUS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

AN BREEDG GOALS&SEL AN S 652A 2 CREDITS  
 Prereq: 561  
 Note: Instructor permission required 1st week.  
 1598005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

DSIGN&EV BREED PROG AN S 652B 2 CREDITS  
 Prereq: 561  
 7584005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

STAT MTHD MAP TRAIT AN S 656 2 CREDITS  
 Prereq: 562, STAT 447  
 2055005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEM AN BREEDG&GENET AN S 658 1 CREDIT  
 7083005 T 11:00-11:50  
 MEETS: JAN 9-MAY 4

SEMINAR MEAT SCIENC AN S 684 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 1604005 T 12:10-1:00  
 MEETS: JAN 9-MAY 4

SEMINAR MUSCLE BIOL AN S 685 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 1605005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEMINAR ANIMAL SCI AN S 695 1 CREDIT  
 Satisfactory-Fail Only.  
 7289005 1 F 3:10-4:00  
 MEETS: JAN 9-MAY 4

ANIMAL SCIENCE (CONTINUED)

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

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

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

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

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

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

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

POULTRY NUTRI RSRCH AN S 699H VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ANIM ETHOLOGY RSRCH AN S 699J VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ANTHROPOLOGY (CONTINUED)

GLOBLIZTN &SUSTAINB ANTHR 220 3 CREDITS  
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220  
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT  
 TOWARD ANY ENGINEERING COLLEGE DEGREE  
 Meets international perspectives reqmt  
 3753005 1 MW 2:10-3:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4

GLOBALZAT&HUMN COND ANTHR 230 3 CREDITS  
 Note: Meets international perspectives reqmt  
 7017005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

CULTURL ANTHROPOLGY ANTHR 306 3 CREDITS  
 Prereq: 201  
 Note: Meets international perspectives reqmt  
 1617005 1 MW 10:00-10:50  
 F 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 1617010 2 MW 10:00-10:50  
 F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 1617015 3 MW 10:00-10:50  
 F 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 1617020 4 MW 10:00-10:50  
 F 2:10-4:00  
 MEETS: JAN 9-MAY 4

**ANTHROPOLOGY**

INTRO CULTURL ANTHR ANTHR 201 3 CREDITS  
 Note: Meets international perspectives reqmt

1615005 1 MW 10:00-10:50  
 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

1615010 2 MW 10:00-10:50  
 W 12:10-1:00  
 MEETS: JAN 9-MAY 4

1615015 3 MW 10:00-10:50  
 W 1:10-2:00  
 MEETS: JAN 9-MAY 4

1615020 4 MW 10:00-10:50  
 W 2:10-3:00  
 MEETS: JAN 9-MAY 4

1615025 5 MW 10:00-10:50  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4

1615030 6 MW 10:00-10:50  
 W 4:10-5:00  
 MEETS: JAN 9-MAY 4

1615035 7 MW 10:00-10:50  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

1615040 8 MW 10:00-10:50  
 R 9:00-9:50  
 MEETS: JAN 9-MAY 4

1615045 9 MW 10:00-10:50  
 R 10:00-10:50  
 MEETS: JAN 9-MAY 4

1615050 10 MW 10:00-10:50  
 R 11:00-11:50  
 MEETS: JAN 9-MAY 4

1615055 11 MW 10:00-10:50  
 R 12:10-1:00  
 MEETS: JAN 9-MAY 4

1615060 12 MW 10:00-10:50  
 R 1:10-2:00  
 MEETS: JAN 9-MAY 4

1615065 13 MW 10:00-10:50  
 R 2:10-3:00  
 MEETS: JAN 9-MAY 4

1615070 14 MW 10:00-10:50  
 R 3:10-4:00  
 MEETS: JAN 9-MAY 4

1615075 15 MW 10:00-10:50  
 R 4:10-5:00  
 MEETS: JAN 9-MAY 4

INTR BIOL AN&ARCHEO ANTHR 202 3 CREDITS

1616005 1 MW 9:00-9:50  
 M 10:00-10:50  
 MEETS: JAN 9-MAY 4

1616010 2 MW 9:00-9:50  
 M 11:00-11:50  
 MEETS: JAN 9-MAY 4

1616015 3 MW 9:00-9:50  
 M 12:10-1:00  
 MEETS: JAN 9-MAY 4

1616020 4 MW 9:00-9:50  
 M 1:10-2:00  
 MEETS: JAN 9-MAY 4

1616025 5 MW 9:00-9:50  
 M 2:10-3:00  
 MEETS: JAN 9-MAY 4

1616030 6 MW 9:00-9:50  
 M 3:10-4:00  
 MEETS: JAN 9-MAY 4

1616035 7 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

BIOLOGICAL ANTHROPO ANTHR 307 3 CREDITS  
 Prereq: 202  
 Note: Instructor permission required 1st week.

1618005 1 MW 2:10-3:00  
 T 8:00-9:50  
 MEETS: JAN 9-MAY 4

1618010 2 MW 2:10-3:00  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4

1618015 3 MW 2:10-3:00  
 T 12:10-2:00  
 MEETS: JAN 9-MAY 4

1618020 4 MW 2:10-3:00  
 T 2:10-4:00  
 MEETS: JAN 9-MAY 4

PEOPL&CUL NATV N AM ANTHR 322 3 CREDITS  
 Prereq: 201 OR AM IN 210  
 Note: Meets U.S. diversity reqmt

1626005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

TOP LATN AM REGIONL ANTHR 323D 3 CREDITS  
 Prereq: 201 OR 306 RECOMMENDED  
 Note: Meets international perspectives reqmt

3520005 1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

ASIAN AM MATRL CULT ANTHR 333 3 CREDITS  
 Prereq: ENGL 250  
 Note: Meets U.S. diversity reqmt

9136005 1 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

MAGIC,WITHC&RELIG ANTHR 340 3 CREDITS  
 Prereq: 201 OR 306  
 Note: Meets international perspectives reqmt

1634005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

PRIMATE BEHAVIOR ANTHR 350 3 CREDITS  
 Prereq: 202 AND/OR BASIC BIOLOGY COURSE  
 RECOMMENDED  
 XW ARRANGED PRUETZ J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

ARC LAB METHD FAUNA ANTHR 428C 3 CREDITS  
 7139005 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4

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

7718005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

PRACTICUM ARCHAEOL ANTHR 451A 1- 3 CREDITS  
 Prereq: 201 OR 202 OR 308  
 Note: Instructor permission required.

4780005 ARRANGED  
 MEETS: JAN 9-MAY 4

ANTHROPOLOGY (CONTINUED)

PRACTICM CULTURAL A ANTHR 451B 1- 3 CREDITS  
 Prereq: 201 OR 202 OR 308  
 Note: Instructor permission required.  
 1095005 ARRANGED  
 MEETS: JAN 9-MAY 4

PRACTICM BIOLOGCL A ANTHR 451C 1- 3 CREDITS  
 Prereq: 201 OR 202 OR 308  
 Note: Instructor permission required.  
 1102005 ARRANGED  
 MEETS: JAN 9-MAY 4

PRACTICM LINGUIST A ANTHR 451D 1- 3 CREDITS  
 Prereq: 201 OR 202 OR 308  
 Note: Instructor permission required.  
 1167005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

PEOPL&CUL NATV N AM ANTHR 522 3 CREDITS  
 Prereq: 201 OR AM IN 210  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
 8365005 1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

ARC LAB METHD FAUNA ANTHR 528C 3 CREDITS  
 7140005 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4

ASIAN AM MATRL CULT ANTHR 533 3 CREDITS  
 Prereq: ENGL 250  
 Note: Meets U.S. diversity reqmt  
 9137005 1 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

MAGIC,WITHC,&RELIG ANTHR 540 3 CREDITS  
 Prereq: 6 CR IN ANTHR; 201 OR 306 RECOMMENDED  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
 Meets international perspectives reqmt  
 7687005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

SEMNR FORENSIC SCI ANTHR 541 1 CREDIT  
 Prereq: ONE 200-LEVEL SCIENCE COURSE OR GRADUATE CLASSIFICATION  
 5249005 W 2:10-3:00  
 MEETS: JAN 9-MAY 4

RSRCH&PRSNT FORENSC ANTHR 542 1 CREDIT  
 5259005 ARRANGED  
 MEETS: JAN 9-MAY 4

PRIMATE BEHAVIOR ANTHR 550 3 CREDITS  
 Prereq: 202 AND/OR BASIC BIOLOGY COURSE RECOMMENDED  
 3694600 XW ARRANGED PRUETZ J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

ANTHROPOLOGY (CONTINUED)

ARCHAEOLOGY SEMINAR ANTHR 555 3 CREDITS  
 Prereq: 308 OR 429  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
 Instructor permission required 1st week.  
 1652005 1 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

GRAD INDEPNDNT STDY ANTHR 590 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
 Instructor permission required 1st week.  
 \*\*\*\*\* 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 DEVEL FOR AESHM AESHM 111 3 CREDITS  
 5099005 1 M 10:00-10:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO HRI, HSP M, EVENT MAJORS.  
 5099010 2 M 10:00-10:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 RESTRICTED AMD, AMDP MAJORS

SUPV WRK EXP I:HSPY AESHM 170D 1 CREDIT  
 Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 Instructor permission required.  
 Satisfactory-Fail Only.  
 1107005 ARRANGED  
 MEETS: JAN 9-MAY 4

SUPV WRK EXP I:EVNT AESHM 170F 1 CREDIT  
 Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 Instructor permission required.  
 Satisfactory-Fail Only.  
 1113005 ARRANGED  
 MEETS: JAN 9-MAY 4

SUPV WRK EXP I:APPA AESHM 170N 1 CREDIT  
 Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 Instructor permission required.  
 Satisfactory-Fail Only.  
 1125005 ARRANGED  
 MEETS: JAN 9-MAY 4

SUP WRK EXP II:HSPY AESHM 270D 1- 2 CREDITS  
 Prereq: PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CREDITS IN AESHM OR HRI; MINIMUM 2.0 GPA  
 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: JAN 9-MAY 4

SUP WRK EXP II:EVNT AESHM 270F 1- 2 CREDITS  
 Prereq: PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CREDITS IN AESHM, HRI, OR TC N; MINIMUM 2.0 GPA  
 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.  
 1203005 ARRANGED  
 MEETS: JAN 9-MAY 4

SUP WRK EXP II:APPA AESHM 270N 1- 2 CREDITS  
 Prereq: PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CREDITS IN AESHM OR TC P; MINIMUM 2.0 GPA  
 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.  
 1270005 ARRANGED  
 MEETS: JAN 9-MAY 4



APPAREL, ED STUDIES&HOSPITALITY MGMT (CONTINUED)

APPAREL, ED STUDIES&HOSPITALITY MGMT (CONTINUED)

SUP WRK EXP II: ISU AESHM 270P 1- 2 CREDITS  
 Prereq: PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CREDITS IN AESHM OR HRI; MINIMUM 2.0 GPA  
 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.  
 1282005 ARRANGED  
 MEETS: JAN 9-MAY 4

P R & EVENT MGMT I AESHM 271 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR. COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN BE REPEATED FOR 1 CREDIT.  
 Note: COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST TIME. CAN BE REPEATED FOR 1-3 CREDITS.  
 4556005 1 W 6:10-8:00PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 FASHION SHOW  
 Instructor permission required.  
 4556010 2 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 VEISHEA CHERRY PIES  
 Instructor permission required.  
 4556015 3 W 6:10-8:00PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 3 RESTRICTED TO EVENT MAJORS ONLY.  
 4556020 4 W 6:10-8:00PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 4 RESTRICTED TO A M D AND HRI MAJORS ONLY  
 4556025 5 W 6:10-8:00PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

MERCHANDISING AESHM 275 3 CREDITS  
 Prereq: 3 CREDITS IN MATH  
 2853005 1A TR 11:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO T C MAJORS ONLY  
 Materials, field trips &/or travel fee \$25.00  
 2853010 1B TR 11:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B RESTRICTED TO HRI, HSP M, EVENT MAJORS ONLY.  
 Materials, field trips &/or travel fee \$25.00  
 2853015 1C TR 11:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1C FOR MAJORS OTHER THAN AMDP, HRI, HSP M, EVENT, T C.  
 Materials, field trips &/or travel fee \$25.00

ORIEN INT'L FLD STU AESHM 281 1 CREDIT  
 1293005 CN T 7:10-8:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC CN ORIENTATION FOR STUDY ABROAD TRIP TO CHINA SPRING 2012

PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS  
 4608005 1A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO HRI, HOSP M, EVENT MAJORS ONLY  
 4608010 1B MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B RESTRICTED TO AMDP, T C MAJORS ONLY  
 4608015 1C MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1C FOR MAJORS OTHER THAN AMDP, HRI, HSP M, EVENT, T C.

SEM CAREERS&INTERNS AESHM 311 1 CREDIT  
 Prereq: SOPHOMORE CLASSIFICATION, GOOD ACADEMIC STANDING  
 2920005 1 T 4:10-6:00PM  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1 RESTRICTED TO AMDP, T C MAJORS ONLY  
 Field trips & travel fee \$40.00  
 2920010 2 T 4:10-6:00PM  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 2 RESTRICTED TO HRI, HSP M, EVENT MAJORS  
 Field trips & travel fee \$40.00

HSPTY&APPARL MARKTG AESHM 340 3 CREDITS  
 Prereq: ECON 101  
 2921005 A TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO HRI HSP M, EVENT MAJORS  
 2921010 B TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC B RESTRICTED TO T C, AMDP MAJORS ONLY  
 2921015 C TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC C RESTRICTED TO MAJORS OTHER THAN A M D, AMDP, CS H AND T C MAJORS

AESTHTCS CNSMR EXPC AESHM 342 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 4609005 1A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS.  
 4609010 1B MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B RESTRICTED TO T C MAJORS ONLY  
 4609015 1C MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1C FOR MAJORS OTHER THAN HRI, HSP M, EVENT, T C.

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: OFFERED FOR 2 CREDIT SPRING 2012  
 Instructor permission required.  
 Field trips & travel fee \$1,600.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN AESHM 398 R CREDIT  
 Prereq: PERMISSION OF DEPT CHAIR; JR CLASSIFICATN  
 1002005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

SEMNR CURRNT ISSUES AESHM 411 1- 3 CREDITS  
 1361005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

DEV GLOBAL LEADRSHP AESHM 421 3 CREDITS  
 Note: Meets international perspectives reqmt  
 4611005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

HUMAN RESOURCE MGMT AESHM 438 3 CREDITS  
 Prereq: 270, 275 OR 287; JUNIOR CLASSIFICATN  
 2923005 1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO HRI, HSP M, EVENT MAJORS ONLY  
 2923010 2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 RESTRICTED TO A M D, AMDP & T C MAJORS ONLY.

INTERNSH FOOD&BEVRG AESHM 470A 3- 6 CREDITS  
 Prereq: 311; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; HRI 380 AND 380L; MINIMUM 2.0 GPA  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 1375005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 1375600 XW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT DAWN DIIHR FOR PERMISSION TO REGISTER AT 515-294-3459/DMFIIHR@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

INTERNSHIP LODGING AESHM 470B 3- 6 CREDITS  
 Prereq: 311; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; HRI 352; MINIMUM 2.0 GPA  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 1378005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 1378600 XW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT DAWN DIIHR FOR PERMISSION TO REGISTER AT 515-294-3459/DMFIIHR@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

INTERNSHIP CLUB MGT AESHM 470C 3- 6 CREDITS  
 Prereq: 311; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; HRI 289; MINIMUM 2.0 GPA  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 1379005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 1379600 XW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT DAWN DIIHR FOR PERMISSION TO REGISTER AT 515-294-3459/DMFIIHR@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

APPAREL, ED STUDIES&HOSPITALITY MGMT (CONTINUED)

INTERNSHIP HOSPITALITY AESHM 470D 3- 6 CREDITS  
 Prereq: 311; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 9 CREDITS IN HRI; MINIMUM 2.0 GPA  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 1394005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 1394600 XW ARRANGED FIIHR D  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT DAWN DIIHR FOR PERMISSION TO REGISTER AT 515-294-3459/DMFIIHR@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

INTERNSHP EVENT MGT AESHM 470F 3- 6 CREDITS  
 Prereq: 271; 311; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; MINIMUM 2.0 GPA  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 1422005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 1422600 XW ARRANGED FIIHR D  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT DAWN DIIHR FOR PERMISSION TO REGISTER AT 515-294-3459/DMFIIHR@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

INTERN TXTL&AP DSGN AESHM 470I 3- 6 CREDITS  
 Prereq: 311; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; T C 210, 225, 231, 245; MINIMUM 2.0 GPA. T C 278 RECOMMENDED.  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 Distance Ed Delivery Fee \$50.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP MERCHNDIS AESHM 470J 3- 6 CREDITS  
 Prereq: 275; 311; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; MINIMUM 2.0 GPA  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 Distance Ed Delivery Fee \$50.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP PRODCT DEV AESHM 470K 3- 6 CREDITS  
 Prereq: 311; T C 231, T C 245; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; MINIMUM 2.0 GPA  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 Distance Ed Delivery Fee \$50.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP P R&PBLSH AESHM 470L 3- 6 CREDITS  
 Prereq: 275; 311; ADVRT 230; JL MC 220 OR 305; PERMISSION BY APPLICATION; JR OR SR CLASSIFICATION; MINIMUM 2.0 GPA  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 Distance Ed Delivery Fee \$50.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP MUSEUMS AESHM 470M 3- 6 CREDITS  
 Prereq: 311; T C 257; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; MINIMUM 2.0 GPA  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 Distance Ed Delivery Fee \$50.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP APPAREL AESHM 470N 3- 6 CREDITS  
 Prereq: 311; 9 CREDITS IN TC P; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; MINIMUM 2.0 GPA  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 Distance Ed Delivery Fee \$50.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTRNSHP ISU DINING AESHM 470P 3- 6 CREDITS  
 Prereq: 311; 9 CREDITS IN AESHM OR HRI; PERMISSN BY APPLICATION; JR OR SR CLASSIFICATION; MINIMUM 2.0 GPA  
 Note: NO MORE THAN 12 CREDITS FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION  
 1423005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 1423600 XW ARRANGED FIIHR D  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT DAWN DIIHR FOR PERMISSION TO REGISTER AT 515-294-3459/DMFIIHR@IASTATE.EDU.

APPAREL, ED STUDIES&HOSPITALITY MGMT (CONTINUED)

INTRNSHP ISU DINING AESHM 470P 3- 6 CREDITS  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

SPECIAL EVENTS COORD AESHM 471 1- 3 CREDITS  
 Prereq: 371; APPLICATION AND INSTRUCTOR PERMISSION REQUIRED FOR SPRING ENROLLMENT  
 Note: COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST TIME, THEN MAY BE REPEATED FOR 1 CREDIT  
 4612005 1 W 6:10-8:00PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 FASHION SHOW  
 Instructor permission required.  
 4612010 2 W 6:10-8:00PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 VEISHEA CHERRY PIES  
 Instructor permission required.  
 4612015 3 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 3 RESTRICTED TO EVENT MAJORS ONLY.  
 4612020 4 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 4 RESTRICTED TO A M D AND HRI MAJORS ONLY  
 4612025 5 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

ENTREPRNR HUMAN SCI AESHM 474 3 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION  
 4618005 1A TR 5:10-6:30PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS  
 Materials, field trips &/or travel fee \$50.00  
 4618010 1B TR 5:10-6:30PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B RESTRICTED TO CS A, CS H, HRI, HSP M, EVENT MAJORS ONLY  
 Materials, field trips &/or travel fee \$50.00  
 4618015 1C TR 5:10-6:30PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1C FOR MAJORS OTHER THAN AMDP, A M D, HRI, HSP M, EVENT, T C.  
 Materials, field trips &/or travel fee \$50.00

SEMINAR AESHM 511 1- 3 CREDITS  
 Prereq: 6 GRADUATE CREDITS IN AESHM, HRI, OR T C; PERMISSION OF INSTRUCTOR  
 Note: OFFERED FOR 1 CREDIT SPRING 2012  
 1507005 ARRANGED  
 MEETS: JAN 9-MAY 4

AESTH&RETL BRANDING AESHM 545 3 CREDITS  
 Prereq: ONE COURSE IN DSGN ELEMENTS & PRINCIPLES, PSYCHOLOGY, CONSUMER BEHAVIOR, OR MARKETING  
 4838005 1 MW 1:10-2:30  
 MEETS: JAN 9-MAY 4

PRACTCM APPAR MCHDS AESHM 570A 1- 3 CREDITS  
 Prereq: 6 GRAD CREDITS IN PROGRAM AREA; INSTRUCTOR PERMISSION  
 6660005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

ENTREPRNR HUMAN SCI AESHM 574 3 CREDITS  
 Prereq: ONE COURSE IN MARKETING OR INSTRUCTOR PERMISSION  
 4895005 TR 5:10-6:30PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00

E-COMMRC APPARL&HSP AESHM 577 3 CREDITS  
 Prereq: COURSE IN MARKETING OR INSTRUCTOR PERMISSN  
 4904005 TR 9:00-10:20  
 MEETS: JAN 9-MAY 4

INT'L FIELD STUDY AESHM 581 1- 3 CREDITS  
 Prereq: 9 CR IN AESHM, FCEDS, HRI, AND/OR T C; GRAD CLASSIFICATION. PERMISSION BY APPLICATION.  
 8776005 CN T 7:10-8:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC CN ORIENTATION FOR STUDY ABROAD TRIP TO CHINA SPRING 2012

SEMINAR AESHM 611 1- 3 CREDITS  
 Prereq: 6 GRADUATE CREDITS IN AESHM,  
 Note: OFFERED FOR 1 CREDIT SPRING 2012  
 1548005 ARRANGED  
 MEETS: JAN 9-MAY 4

**ARABIC**

ELEMENTARY ARABIC II ARABC 102 4 CREDITS  
 Note: Meets international perspectives reqmt  
 7442005 1 MTWR 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 7442010 2 MTWR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 INTERMED ARABIC II ARABC 202X 4 CREDITS  
 Prereq: 201X  
 Note: Meets international perspectives reqmt  
 2364005 MTWR 10:00-10:50  
 MEETS: JAN 9-MAY 4

**ARCHITECTURE**

ARCHITECT DESIGN II ARCH 202 6 CREDITS  
 Prereq: 201, MATH 142, PHYS 111  
 Note: COURSE RESTRICTED TO ARC MAJORS ONLY  
 1674005 F 4:10-5:20 SPILLER J  
 MW 1:10-5:20 SPILLER J  
 F 1:10-3:50 SPILLER J  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$800.00  
 ARCHITECT DESIGN II ARCH 202H 6- 7 CREDITS  
 Prereq: 201, MATH 142, PHYS 111. MEMBERSHIP IN  
 UNIVERSITY HONORS PROGRAM.  
 8152005 F 4:10-5:20  
 MW 1:10-5:20  
 F 1:10-3:50, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 HIST WESTERN ARC II ARCH 222 3 CREDITS  
 Note: Meets international perspectives reqmt  
 7737005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 ARCHITECT DESIGN IV ARCH 302 6 CREDITS  
 Prereq: 301 AND MINIMUM 2.0 GPA IN PREVIOUS  
 STUDIO COURSES  
 1682005 F 4:10-5:20 WHITEHEAD R  
 MW 1:10-5:20 WHITEHEAD R  
 F 1:10-3:50 WHITEHEAD R  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$800.00  
 ARCHITECT DESIGN IV ARCH 302H 6- 7 CREDITS  
 Prereq: 301 AND MINIMUM 2.0 GPA IN PREVIOUS  
 STUDIO COURSES. MEMBERSHIP IN UNIVERSITY HONORS PROG.  
 8206005 F 4:10-5:20  
 MW 1:10-5:20  
 F 1:10-3:50, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 Materials, field trips &/or travel fee \$800.00  
 PRACTICAL EXPERIENC ARCH 310 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT CHAIR  
 2544005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 COMPUTER APPLICATNS ARCH 334 3 CREDITS  
 1685005 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 THREE-DIMENS STUDIO ARCH 335 3 CREDITS  
 1686005 A TR 1:10-3:30, ARRANGED  
 MEETS: JAN 9-MAY 4  
 1686010 B TR 9:00-11:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 THREE-DIMENS STUDIO ARCH 335H 3- 4 CREDITS  
 Note: Instructor permission required.  
 9261005 1 TR 1:10-3:20, ARRANGED  
 MEETS: JAN 9-MAY 4  
 9261010 2 TR 9:00-11:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 BLDG SCI &TECHNL II ARCH 341 5 CREDITS  
 Prereq: 245, MATH 142, PHYS 111  
 1575005 TR 12:40-2:00  
 TR 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$80.00  
 BLDG SCI &TECHNL IV ARCH 343 5 CREDITS  
 Prereq: 342  
 1627005 TR 2:10-3:30  
 TR 3:40-5:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$80.00

**ARCHITECTURE**

(CONTINUED)

ARCHITECT DESIGN VI ARCH 402 6 CREDITS  
 Prereq: 401 AND MINIMUM 2.0 GPA IN PREVIOUS  
 STUDIO COURSES  
 Note: Meets international perspectives reqmt  
 1692005 F 4:10-5:20  
 MW 1:10-5:20  
 F 1:10-3:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$800.00  
 1692800 IT ARRANGED BERMANN K  
 MEETS: JAN 9-APRIL 30  
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF  
 DESIGN IN ROME: ARCHITECTURE, SPRING 2012.  
 OFFERED FOR 6 CREDITS  
 Materials, field trips &/or travel fee \$800.00  
 Study Abroad Administrative Fee Applies  
 ARCHITECT DESIGN VI ARCH 402H 6- 7 CREDITS  
 Prereq: 401 AND MINIMUM 2.0 GPA IN PREVIOUS  
 STUDIO COURSES. MEMBERSHIP IN UNIVERSITY HONORS PROG.  
 Note: Meets international perspectives reqmt  
 8233005 F 4:10-5:20  
 MW 1:10-5:20  
 F 1:10-3:50, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 Materials, field trips &/or travel fee \$800.00  
 ARCHIT DESIGN VIII ARCH 404 6 CREDITS  
 Prereq: 403  
 1694005 F 4:10-5:20  
 MW 1:10-5:20  
 F 1:10-3:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$800.00  
 ARCHIT DESIGN VIII ARCH 404H 6- 7 CREDITS  
 Prereq: 403. MEMBERSHIP IN UNIVERSITY HONORS  
 PROGRAM.  
 8249005 F 4:10-5:20  
 MW 1:10-5:20  
 F 1:10-3:50, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 Materials, field trips &/or travel fee \$800.00  
 TOPC ITALIAN ARC&UR ARCH 429 3 CREDITS  
 1628800 IT ARRANGED SCHNEIDER P  
 MEETS: JAN 9-APRIL 30  
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF  
 DESIGN IN ROME: ARCHITECTURE, SPRING 2012.  
 OFFERED FOR 3 CREDITS  
 Study Abroad Administrative Fee Applies  
 ANALYTICAL DRAWING ARCH 431 3 CREDITS  
 Prereq: 232, 302  
 2154800 IT ARRANGED BERMANN K  
 MEETS: JAN 9-APRIL 30  
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF  
 DESIGN IN ROME: ARCHITECTURE, SPRING 2012.  
 OFFERED FOR 3 CREDITS  
 Study Abroad Administrative Fee Applies  
 FILE TO FABRICATION ARCH 433 3 CREDITS  
 Prereq: 230, 301  
 3852005 MW 7:10-9:00  
 MEETS: JAN 9-MAY 4  
 ADVNCD DESIGN MEDIA ARCH 436 3 CREDITS  
 Prereq: 230  
 1704005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 DSIGN:MADE IN ITALY ARCH 486 3 CREDITS  
 1632800 IT ARRANGED SCHNEIDER P  
 MEETS: JAN 9-APRIL 30  
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF  
 DESIGN IN ROME: ARCHITECTURE, SPRING 2012.  
 OFFERED FOR 3 CREDITS  
 Study Abroad Administrative Fee Applies  
 IND STDY DSN COMMUN ARCH 490A 1- 9 CREDITS  
 Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
 INDEP STUDY DESIGN ARCH 490B 1- 9 CREDITS  
 Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
 IND STDY TECHN SYST ARCH 490C 1- 9 CREDITS  
 Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURE (CONTINUED)

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

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

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

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

ARCH DSIGN&MEDIA II ARCH 506 5 CREDITS  
 Prereq: 505; 583; 541. CONCURRENT ENROLLMENT  
 REQUIRED IN 596 AND 542.  
 7753005 MW 1:10-5:20  
 F 1:10-2:40  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$800.00

MIDDLE EAST CITIES ARCH 519 3 CREDITS  
 Prereq: GRADUATE OR SENIOR STANDING  
 Note: Meets international perspectives reqmt  
 2513005 1 R 4:10-6:40PM  
 MEETS: JAN 9-MAY 4

TOP STDI ARCH&CULTR ARCH 528A 2- 3 CREDITS  
 Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012.  
 1731005 1 T 6:30-8:50PM NAEGELE D  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 TOPIC: LE CORBUSIER & LOUIS I. KAHN  
 Field trips & travel fee \$400.00  
 1731010 2 T 4:10-6:40PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 TOPIC: AMERICAS: PRE-COLUMBIAN CITIES,  
 COLONIAL WILDERNESSES, POST-COLONIAL COLONIAS  
 Field trips & travel fee \$400.00  
 1731020 3 T 8:00-10:50 SQUIRE M  
 MEETS: JAN 9-MAY 4  
 Note: SEC 3 TOPIC: GOODNESS & BEAUTY  
 Field trips & travel fee \$400.00

ADV CMPUTR-AID ARCH ARCH 534 3 CREDITS  
 Prereq: 434, PERMISSION OF INSTRUCTOR  
 1735005 1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ADV THREE-DI STUDIO ARCH 535 3 CREDITS  
 Prereq: 335 OR GRADUATE STANDING  
 1736005 1 TR 1:10-3:30  
 MEETS: JAN 9-MAY 4  
 1736010 2 TR 9:00-11:20  
 MEETS: JAN 9-MAY 4

SCI&TECH FOR ARC II ARCH 542 5 CREDITS  
 Prereq: 505, 595, 541, 506, 596  
 7735005 TR 2:10-3:30  
 F 10:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00

PRESERVATN &REHABTN ARCH 567 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 4712005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO ARC, ARCH MAJORS ONLY  
 4712010 2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 FOR MAJORS OTHER THAN ARC, ARCH

CONTEM URB DSN THRY ARCH 575 3 CREDITS  
 Prereq: SR CLASSIFICATION OR GRADUATE STANDING  
 Note: TOPIC: PUBLIC SPACES  
 1752005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

RSEARCH IN PRACTICE ARCH 583 3 CREDITS  
 Prereq: SENIOR OR GRADUATE STANDING  
 2450005 1 R 4:10-6:40PM  
 MEETS: JAN 9-MAY 4

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

ARCHITECTURE (CONTINUED)

SEMN BUILT ENVIR II ARCH 596 5 CREDITS  
 Prereq: 505; 541; 595. CONCURRENT ENROLLMENT  
 IN 506 AND 542.  
 7926005 T 9:30-11:50  
 R 10:30-11:50  
 MEETS: JAN 9-MAY 4

SEMN BUILT ENVIR IV ARCH 598 3 CREDITS  
 Prereq: SENIOR OR GRADUATE STANDING  
 1721005 1 T 4:10-6:40PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 TOPIC: RE-ENCOUNTERING THE OTHER AMERICAS

CMUNTY, BLDG &ENVIR ARCH 602 6 CREDITS  
 Prereq: 601, 643, 597. CONCURRENT ENROLLMT IN 644  
 Note: COURSE RESTRICTED TO ARCH MAJORS ONLY  
 1760005 F 4:10-5:20  
 MW 1:10-5:20  
 F 1:10-3:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$800.00

COMPREHENSIV DESIGN ARCH 603 6 CREDITS  
 Prereq: 601  
 Note: COURSE RESTRICTED TO ARCH MAJORS ONLY  
 1761800 IT ARRANGED BERMANN K  
 MEETS: JAN 9-APRIL 30  
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF  
 DESIGN IN ROME: ARCHITECTURE, SPRING 2012.  
 OFFERED FOR 6 CREDITS  
 Materials, field trips &/or travel fee \$800.00  
 Study Abroad Administrative Fee Applies

DESIGN STUDIO OPTNS ARCH 604 6 CREDITS  
 Prereq: 602  
 1633005 MWF 1:10-5:20  
 MEETS: JAN 9-MAY 4

SCI&TECH FOR ARC IV ARCH 644 3 CREDITS  
 Prereq: 643 OR ADVANCED STANDING  
 1746005 1 MW 11:00-11:50  
 F 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00

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

GRADUATE SEMINAR ARCH 698 R CREDIT  
 Prereq: GRADUATE STANDING  
 1749005 1 T 12:40-2:00  
 MEETS: JAN 9-MAY 4

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

**ART & DESIGN**

STUDIO ARTS EURO SEM ART 494A 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR AND PLANNED  
 ENROLLMENT IN 495  
 Note: Meets international perspectives reqmt  
 Satisfactory-Fail Only  
 1680005 M 6:00-6:50PM  
 MEETS: JAN 9-MAY 4

GRAPHIC DSN EUR SEM ART 494G 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR AND PLANNED  
 ENROLLMENT IN 495  
 Note: Meets international perspectives reqmt  
 Satisfactory-Fail Only.  
 1710005 M 6:00-6:50PM  
 MEETS: JAN 9-MAY 4

INTERIOR DS EUR SEM ART 494I 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR AND PLANNED  
 ENROLLMENT IN 495  
 Note: Meets international perspectives reqmt  
 Satisfactory-Fail Only.  
 1739005 M 6:00-6:50PM CAGLEY L  
 MEETS: JAN 9-MAY 4

ART HIST EUROPE SEM ART 494N 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR AND PLANNED  
 ENROLLMENT IN 495  
 Note: Meets international perspectives reqmt  
 Satisfactory-Fail Only.  
 1742005 M 6:00-6:50PM  
 MEETS: JAN 9-MAY 4

STUDIO INTERNSHIP ART 497 1- 6 CREDITS  
 Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR,  
 WRITTEN APPROVAL OF SUPERVISING INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ART & DESIGN

(CONTINUED)

INTRNSHP MUSEUM/GAL ART 498 1- 6 CREDITS  
 Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR,  
 WRITTEN APPROVAL OF SUPERVISING INSTR ON REQUIRED  
 FORM IN ADVANCE OF SEM OF ENROLLMENT  
 Satisfactory-Fail Only.  
 7821005 A ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

ART & DESIGN SEMINAR ART 501 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO DESIGN COLLEGE STUDENTS  
 1892005 A TR 5:40-7:00PM  
 MEETS: JAN 9-MAY 4

SEMINAR IN TEACHING ART 511 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 8370005 T 6:30-9:00PM CROYLE C  
 MEETS: JAN 9-MAY 4

MUSEUM/GALLERY INTRN ART 598 1- 6 CREDITS  
 Prereq: GRAD CLASSIFICATION & INSTRUCTOR PERMISSN  
 WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF ENROLLMENT  
 Satisfactory-Fail Only.  
 9445005 A ARRANGED  
 MEETS: JAN 9-MAY 4  
 9445010 B ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

STUDIO INTERNSHIP ART 697 VAR. CREDITS  
 Prereq: GRAD CLASSIF & APPROVAL OF POS COMMITTEE  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH ART 699A VAR. CREDITS  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
 1949005 ARRANGED  
 MEETS: JAN 9-MAY 4

THESIS RES--EXHIBIT ART 699B VAR. CREDITS  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ART EDUCATION

INTRO TO ART EDUC ARTED 211 3 CREDITS  
 Note: COURSE FOR EL ED, ECE MAJORS ONLY  
 1773005 MW 8:00-10:50 CALDWELL B  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

ART HISTORY

HISTORY OF ART II ART H 281 3 CREDITS  
 Note: Meets international perspectives reqmt  
 1791005 TR 12:40-2:00 GODBEY E  
 MEETS: JAN 9-MAY 4

ART&ARCHITC OF ASIA ART H 382 3 CREDITS  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 2868005 TR 9:30-10:50 MORGAN E  
 MEETS: JAN 9-MAY 4

RENAISSANCE ART ART H 385 3 CREDITS  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 1827005 MW 5:40-7:00PM CUNNALLY J  
 MEETS: JAN 9-MAY 4

RENAISSANCE ART ART H 385H 3- 4 CREDITS  
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: Available for nonmajor graduate credit  
 Instructor permission required.  
 6387005 MW 5:40-7:00PM CUNNALLY J  
 ARRANGED CUNNALLY J  
 MEETS: JAN 9-MAY 4

AMERICAN ART TO 1945 ART H 386X 3 CREDITS  
 Note: TOPIC: AMERICAN ART TO 1945  
 Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 2656005 TR 2:40-4:00 MORGAN E  
 MEETS: JAN 9-MAY 4

19TH CENTURY ART ART H 487 3 CREDITS  
 Note: TOPIC: NINETEENTH CENTURY ART  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 1829005 TR 4:10-5:30 EISMAN A  
 MEETS: JAN 9-MAY 4

ART HISTORY

(CONTINUED)

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

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

TOPICS IN ART HIST ART H 498 3 CREDITS  
 Note: Instructor permission required 1st week.  
 1738005 A TR 12:40-2:00 EISMAN A  
 MEETS: JAN 9-MAY 4  
 Note: SEC A TOPIC: ART IN DICTATORSHIP.  
 1738010 B TR 5:40-7:00PM CUNNALLY J  
 MEETS: JAN 9-MAY 4  
 Note: SEC B TOPIC: MICHELANGELO, PICASSO &  
 STEINBERG

RENAISSANCE ART ART H 585 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: COURSE RESTRICTED TO DESIGN COLLEGE GRADS  
 Instructor permission required 1st week.  
 1914005 MW 5:40-7:00PM  
 MEETS: JAN 9-MAY 4

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

GREEN ART:EARTHWS& ART H 597X 3 CREDITS  
 Prereq: 3 GRADUATE CREDIT HOURS IN ART H  
 Note: TOPIC: PHOTOGRAPHY & THEORY  
 2652005 TR 5:40-7:10PM  
 MEETS: JAN 9-MAY 4

TOPICS IN ART HIST ART H 598 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTR PERMISSN  
 1792005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A TOPIC: ART HISTORY OF MONEY  
 1792010 B TR 12:40-2:00 CUNNALLY J  
 MEETS: JAN 9-MAY 4  
 Note: SEC B TOPIC: ART & THE UNDERWORLD

ART:GRAPHIC DESIGN

GRAPH DSGN STDIO II ARTGR 271 3 CREDITS  
 Prereq: ART 230, ARTGR 270, 275, ENROLLMT IN 276  
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE  
 PLACED INTO SECTIONS BY THE DEPARTMENT.  
 Instructor permission required 1st week.  
 1786005 A MWF 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 1786010 B MWF 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 1786015 C MWF 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 1786020 D MWF 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 1786025 E T 8:00-9:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4

DG PHOTO FOR GR DSN ARTGR 272X 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN 270 OR 271  
 9179005 A MW 10:00-12:50  
 MEETS: JAN 9-MAY 4  
 9179010 B TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 9179015 C MW 2:10-5:00  
 MEETS: JAN 9-MAY 4

GRAPHIC TECHNLOGY II ARTGR 276 2 CREDITS  
 Prereq: 275. CONCURRENT ENROLLMENT IN 271.  
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY. STUDENTS  
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.  
 5292005 A T 8:00-9:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 5292010 B T 8:00-9:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 5292015 C T 8:00-9:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 5292020 D T 8:00-9:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4

ART:GRAPHIC DESIGN (CONTINUED)

ART:GRAPHIC DESIGN (CONTINUED)

GRAPH DSN STUDIO IV ARTGR 371 3 CREDITS  
 Prereq: 370, 387  
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT. Instructor permission required 1st week.  
 1820005 A MWF 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 1820010 B MWF 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 1820015 C MWF 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 1820020 D MWF 10:00-11:50  
 MEETS: JAN 9-MAY 4

GR DSN MTRLS&PROCES ARTGR 372 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 371  
 Note: COURSE RESTRICTED TO ARTGR MAJORS  
 1805005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

GRPH DSN INTERN SEM ARTGR 377 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 370 OR 371  
 Note: Instructor permission required 1st week. Satisfactory-Fail Only.  
 7537005 A F 9:00-9:50  
 MEETS: JAN 9-MAY 4

GR DSN HIST,CRIT II ARTGR 388 3 CREDITS  
 Prereq: ART H 281, DSN S 183, OR ARTGR 387  
 Note: COURSE RESTRICTED TO ARTGR, IND D MAJORS Meets U.S. diversity reqmt Available for nonmajor graduate credit Instructor permission required 1st week.  
 9451005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

GRPHC DSGN CAPSTONE ARTGR 471 3 CREDITS  
 Prereq: 270, 271. CONCURRENT ENROLLMENT IN ARTGR 470, 482, OR 400-LEVEL GRAPHIC DESIGN STUDIO COURSE.  
 1645005 A TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 1645010 B TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 1645015 C TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 1645020 D TR 2:10-5:00  
 MEETS: JAN 9-MAY 4

ADVANCED TYPOGRAPHY ARTGR 475 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN 370, 371, 470, OR 482  
 Note: COURSE RESTRICTED TO ARTGR MAJORS  
 1888005 A TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$412.52

GRAPH DSN PRACTICUM ARTGR 477 3 CREDITS  
 Prereq: PORTFOLIO REVIEW AND INSTRUCTOR PERMISSN. CONCURRENT ENROLLMENT IN 370 OR 371 OR 470 OR 482.  
 Note: COURSE RESTRICTED TO ARTGR MAJORS.  
 7886005 MWF 8:00-9:50  
 MEETS: JAN 9-MAY 4

WEB DSGN E-COMMERCE ARTGR 478 3 CREDITS  
 Prereq: ENROLLMENT IN 370 OR 371 OR 470 OR 482  
 Note: COURSE RESTRICTED TO ARTGR MAJORS  
 1912005 MW 2:10-5:00  
 MEETS: JAN 9-MAY 4

WAYFINDING DESIGN ARTGR 479 3 CREDITS  
 Prereq: ENROLLMENT IN 370 OR 371 OR 470 OR 482  
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY.  
 TOPIC: WAYFINDING DESIGN. FIELD TRIP FEE \$250.00  
 1891005 MW 2:10-5:00  
 MEETS: JAN 9-MAY 4

GRPH DSGN PRO PRACT ARTGR 481 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 470  
 Note: Instructor permission required 1st week.  
 8243005 TR 6:10-7:30PM  
 MEETS: JAN 9-MAY 4

PROFESSNL PRESNTATN ARTGR 482 3 CREDITS  
 Prereq: 470. CONCURRENT ENROLLMENT IN 471.  
 Note: COURSE RESTRICTED TO ARTGR MAJORS  
 1929005 A TR 11:00-2:00  
 MEETS: JAN 9-MAY 4  
 1929010 B TR 11:00-2:00  
 MEETS: JAN 9-MAY 4  
 1929015 C TR 11:00-2:00  
 MEETS: JAN 9-MAY 4  
 1929020 D TR 11:00-2:00  
 MEETS: JAN 9-MAY 4

STUDIES IN GRPH DSN ARTGR 484 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: RESTRICTED TO ARTGR MAJORS ONLY. OFFERED FOR 3 CREDITS SPRING 2010  
 Instructor permission required 1st week.  
 8261005 A MW 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A TOPIC: DIGITAL IMAGING FOR GRAPHIC DESIGN.

8261010 B MW 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC B TOPIC: MOTION AND BROADCAST GRAPHICS

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

IND STUDY 2-D DESGN ARTGR 490B 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 STUDY 3-D DESGN ARTGR 490C 1- 6 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

IND STU COOP,INTERN ARTGR 490I 1- 6 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SIGNS,SYMBOLS,IMAGE ARTGR 571 3 CREDITS  
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS  
 Instructor permission required 1st week.  
 1908005 TR 10:00-12:50  
 MEETS: JAN 9-MAY 4

ADVANCED TYPOGRAPHY ARTGR 575 3 CREDITS  
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN  
 Note: COURSE RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS  
 2113005 A MW 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee

DSGN FOR E-COMMERCE ARTGR 578 3 CREDITS  
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS  
 2121005 MW 2:10-5:00  
 MEETS: JAN 9-MAY 4

WAYFINDING DESIGN ARTGR 579 3 CREDITS  
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN  
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY.  
 TOPIC: WAYFINDING DESIGN. FIELD TRIP FEE \$250.00  
 2123005 MW 2:10-5:00  
 MEETS: JAN 9-MAY 4

STUDIES IN GRPH DSN ARTGR 584 VAR. CREDITS  
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN  
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2012.  
 Instructor permission required 1st week.  
 8262005 A MW 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A TOPIC: DIGITAL IMAGING FOR GRAPHIC DESIGN.

8262010 B MW 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC B TOPIC: MOTION AND BROADCAST GRAPHICS

GRAPHIC DSN HIST II ARTGR 588 3 CREDITS  
 Prereq: GRAD CLASSIFICATION  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS  
 Instructor permission required 1st week.  
 9452005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

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

ART:GRAPHIC DESIGN (CONTINUED)

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

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

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

GRPH DSG BEHAVR CHG ARTGR 672B 3 CREDITS  
 Prereq: 570, 571, GRADUATE ENROLLMENT IN THE  
 COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 4211005 MW 9:00-11:50  
 MEETS: JAN 9-MAY 4

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

GRAPHIC DSGN ISSUES ARTGR 698 1- 3 CREDITS  
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN OR  
 PERMISSION OF INSTRUCTOR  
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2012.  
 1837005 M 6:00-9:00PM  
 MEETS: JAN 9-MAY 4

RESEARCH - THESIS ARTGR 699 VAR. CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**ART:INTEGRATED STUDIO ARTS**

CRTV VISUAL THINKNG ARTIS 201 3 CREDITS  
 7938005 A ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED COLLEGE OF DESIGN STUDENTS  
 Course delivery is WWW

STUDIO FNDMTLS:WOOD ARTIS 202 2 CREDITS  
 Prereq: SOPHOMORE LEVEL OR ABOVE  
 9264005 A TR 2:10-5:00  
 F 9:00-10:50  
 MEETS: JAN 9-MARCH 2  
 Note: Materials and equipment use fee \$35.00  
 9264010 B TR 2:10-5:00  
 F 9:00-10:50  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$35.00

STDO FUND:JWLRY/MTL ARTIS 203 2 CREDITS  
 Prereq: SOPHOMORE LEVEL AND ABOVE  
 9272005 A MW 11:00-2:00  
 F 1:10-3:00  
 MEETS: JAN 9-MARCH 2  
 9272010 B MW 11:00-2:00  
 F 1:10-3:00  
 MEETS: MARCH 5-MAY 4

STUDIO FUND:CERAMICS ARTIS 204 2 CREDITS  
 Prereq: SOPHOMORE LEVEL OR ABOVE  
 9253005 A TR 9:30-12:20  
 F 3:10-5:00  
 MEETS: JAN 9-MARCH 2  
 Note: Materials and equipment use fee \$25.00  
 9253010 B TR 9:30-12:20  
 F 3:10-5:00  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$25.00

STUDIO FUND:PRINTMKG ARTIS 206 2 CREDITS  
 Prereq: SOPHOMORE LEVEL OR ABOVE  
 9255005 A MW 2:10-5:00  
 F 9:00-10:50  
 MEETS: JAN 9-MARCH 2  
 Note: Materials fee \$60.00  
 9255010 B MW 2:10-5:00  
 F 9:00-10:50  
 MEETS: MARCH 5-MAY 4  
 Note: Materials fee \$60.00

COLOR ARTIS 208 3 CREDITS  
 Prereq: DSN S 102, 131, 183  
 Note: COURSE RESTRICTED ARTFA, ARTIS, BPM I AND PBPMI  
 MAJORS ONLY.  
 Instructor permission required 1st week.  
 1766005 A MWF 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 1766010 B TR 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

ART:INTEGRATED STUDIO ARTS (CONTINUED)

STUDIO FUND: PHOTO ARTIS 210 2 CREDITS  
 Prereq: SOPHOMORE LEVEL OR ABOVE  
 9256005 A MW 11:00-1:50  
 F 11:00-1:00  
 MEETS: JAN 9-MARCH 2

Note: Materials and equipment use fee \$25.00  
 9256010 B MW 11:00-1:50  
 F 11:00-1:00  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$25.00

STUDIO FUND:CMPTURS ARTIS 212 2 CREDITS  
 Prereq: SOPHOMORE LEVEL AND ABOVE  
 9257005 A MW 6:10-9:00PM  
 MEETS: JAN 9-MARCH 2  
 9257010 B MW 6:10-9:00PM  
 MEETS: MARCH 5-MAY 4

STUDIO FUND:PAINTNG ARTIS 213 2 CREDITS  
 Prereq: SOPHOMORE LEVEL OR ABOVE  
 9266005 A TR 9:30-12:20  
 F 3:10-5:00  
 MEETS: JAN 9-MARCH 2  
 9266010 B TR 9:30-12:20  
 F 3:10-5:00  
 MEETS: MARCH 5-MAY 4

STUDIO FUND:TEXTILE ARTIS 214 2 CREDITS  
 Prereq: SOPHOMORE LEVEL AND ABOVE  
 9269005 A MW 2:10-5:00  
 F 1:10-3:00  
 MEETS: JAN 9-MARCH 2  
 Note: Materials and equipment use fee \$25.00  
 9269010 B MW 2:10-5:00  
 F 1:10-3:00  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$25.00

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS  
 Prereq: DSN S 102, 183, 131  
 1983005 A TR 11:00-1:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED ARTGR MAJORS ONLY  
 1983010 B TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC B RESTRICTED TO COLLEGE OF DESIGN MAJORS  
 1983015 C TR 8:00-11:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC C RESTRICTED TO COLLEGE OF DESIGN MAJORS

INTR CRTV DGT PHOTO ARTIS 227H 3- 4 CREDITS  
 Prereq: DSN S 102, 183, 131. MEMBERSHIP IN  
 UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required.  
 5467005 TR 11:00-2:00  
 ARRANGED  
 MEETS: JAN 9-MAY 4

INTRO DARKRM PHOTOG ARTIS 229 3 CREDITS  
 Prereq: DSN S 102, 183, 131  
 Note: COURSE RESTRICTED TO ARTGR, ARTFA, ARTDN, ARTID,  
 ARTIS, BPM I, & PBPMI MAJORS ONLY.  
 Instructor permission required 1st week.  
 1778005 A TR 11:00-1:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

DRAWING II ARTIS 230 3 CREDITS  
 Prereq: DSN S 102, 183, 131  
 Note: Instructor permission required 1st week.  
 1779005 A MWF 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$41.25  
 1779010 B MWF 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$41.25  
 1779015 C MWF 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$41.25  
 1779020 D MWF 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$41.25

WATERCOLOR PAINTING ARTIS 233 3 CREDITS  
 Prereq: ART 230  
 Note: COURSE RESTRICTED TO ART, ARTFA, ARTGR, ARTDN,  
 ARTIS, BPM I & PBPMI MAJORS ONLY.  
 Instructor permission required 1st week.  
 1780005 TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

PAINTING I ARTIS 238 3 CREDITS  
 Prereq: 230  
 Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,  
 ARTIS, BPM I & PBPMI MAJORS ONLY.  
 Instructor permission required 1st week.  
 7828005 A TR 11:00-1:50  
 MEETS: JAN 9-MAY 4

ART:INTEGRATED STUDIO ARTS (CONTINUED)

PAINTING I ARTIS 238H 3- 4 CREDITS  
 Prereq: 230. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required.  
 5573005 A TR 11:00-1:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

INTEGRATED MEDIA ARTIS 305 3 CREDITS  
 Prereq: DSN S 102, 131, 183, 6 CREDITS OF ADDITIONAL ISA STUDIO  
 Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR, ARTID, & ARTIS MAJORS ONLY.  
 Instructor permission required 1st week.  
 1771005 MW 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

INTEGRATED MEDIA ARTIS 305H 3- 4 CREDITS  
 Prereq: DSN S 102, 131 AND 183 AND 6 CREDITS OF ADDITIONAL ISA STUDIO AT 200+ LEVEL. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required.  
 5591005 MW 2:10-5:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

CPTR MODL&VIR PHOTO ARTIS 308 3 CREDITS  
 Prereq: 230 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR, ARTID, ARTIS, BPM I & BPBPMI MAJORS ONLY  
 6423005 A TR 1:10-4:00, ARRANGED  
 MEETS: JAN 9-MAY 4

CPTR MODL&VIR PHOTO ARTIS 308H 3- 4 CREDITS  
 Prereq: 230 OR PERMISSION OF INSTRUCTOR. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required.  
 5598005 A TR 1:10-4:00, ARRANGED  
 MEETS: JAN 9-MAY 4

SOURCES VISUAL DSGN ARTIS 310 3 CREDITS  
 Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR, ARTID & ARTIS MAJORS ONLY.  
 6432005 MW 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$235.00

SOURCES VISUAL DSGN ARTIS 310H 3- 4 CREDITS  
 Prereq: ART 230. 310 OR 310H IS REQUIRED OF ALL ISA BFA STUDENTS.  
 Note: Instructor permission required.  
 9379005 MW 2:10-5:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$235.00

INTRO FURNITUR DSGN ARTIS 320 3 CREDITS  
 Prereq: 202  
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.  
 Instructor permission required 1st week.  
 1798005 A MW 9:00-11:50  
 MEETS: JAN 9-MAY 4

INTMD CERAMCS STDIO ARTIS 322 3 CREDITS  
 Prereq: 204 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO ARTF, ARTIS MAJOR ONLY  
 Instructor permission required 1st week.  
 1799005 A TR 1:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00

JEWELR/METALSMTH II ARTIS 324 3 CREDITS  
 Prereq: 203 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.  
 Instructor permission required 1st week.  
 7237005 TR 9:30-12:20  
 MEETS: JAN 9-MAY 4

JEWELR/METALSMTH II ARTIS 324H 3- 4 CREDITS  
 Prereq: 203 OR PERMISSION OF INSTRUCTOR. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required.  
 5658005 TR 9:30-12:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4

ILLUSTRATN&I SOFTWR ARTIS 326 3 CREDITS  
 Prereq: 323  
 Note: Instructor permission required 1st week.  
 1657005 TR 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

CREATIVE PHOTOGRAPHY ARTIS 329 3 CREDITS  
 Prereq: 210 OR 229  
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.  
 Instructor permission required 1st week.  
 1801005 MW 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

ART:INTEGRATED STUDIO ARTS (CONTINUED)

CREATIVE PHOTOGRAPHY ARTIS 329H 3- 4 CREDITS  
 Prereq: 210 OR 229. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required.  
 5734005 MW 2:10-5:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

DRAW III:LIFE DRWNG ARTIS 330 3 CREDITS  
 Prereq: 230  
 Note: COURSE RESTRICTED TO ART, ARTFA, ARTIS, BPM I & BPBPMI MAJORS ONLY.  
 Instructor permission required 1st week.  
 1802005 A TR 11:00-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$80.00  
 1802010 B TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$80.00

DRAW III:LIFE DRWNG ARTIS 330H 3- 4 CREDITS  
 Prereq: 230. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required.  
 5770005 TR 11:00-2:00  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$80.00

THREE-DIMENS STUDIO ARTIS 335 3 CREDITS  
 1806005 A TR 1:10-3:30, ARRANGED  
 MEETS: JAN 9-MAY 4  
 1806010 B TR 9:00-11:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4

THREE-DIMENS STUDIO ARTIS 335H 3- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: Instructor permission required.  
 9262005 1 TR 1:10-3:20, ARRANGED  
 MEETS: JAN 9-MAY 4  
 9262010 2 TR 9:00-11:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4

APP SCI ILLUST TCNQ ARTIS 337 3 CREDITS  
 Prereq: 323  
 9104005 TR 2:10-5:00  
 MEETS: JAN 9-MAY 4

PAINTING II ARTIS 338 3 CREDITS  
 Prereq: 202I OR 213 OR 230  
 Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTID, ARTIS, BPM I & BPBPMI MAJORS ONLY.  
 Instructor permission required 1st week.  
 7832005 A TR 2:10-5:00  
 MEETS: JAN 9-MAY 4

PAINTING II ARTIS 338H 3- 4 CREDITS  
 Prereq: 202I OR 213 OR 230. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required.  
 6073005 TR 2:10-5:00, ARRANGED  
 MEETS: JAN 9-MAY 4

TEXTLE SURFACE DSGN ARTIS 346 3 CREDITS  
 Prereq: 214  
 1835005 MW 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$90.00

TEXTLE SURFACE DSGN ARTIS 346H 3- 4 CREDITS  
 Prereq: 214. MEMBERSHIP IN UNIVERSITY HONORS PROG  
 Note: Instructor permission required.  
 6139005 MW 9:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$90.00

RELIEF PRINTMAKING ARTIS 356 3 CREDITS  
 Prereq: 206, 230  
 Note: Instructor permission required 1st week.  
 8869005 A TR 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$180.00

RELIEF PRINTMAKING ARTIS 356H 3- 4 CREDITS  
 Prereq: 206, 230. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required.  
 6939005 A TR 9:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$180.00



ART:INTEGRATED STUDIO ARTS (CONTINUED)

INTAGLIO & MONOTYPE ARTIS 357 3 CREDITS  
 Prereq: 206, 230  
 Note: Instructor permission required 1st week.  
 7469005 A MW 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$130.00

INTAGLIO & MONOTYPE ARTIS 357H 3- 4 CREDITS  
 Prereq: 206, 230. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required.  
 6970005 A MW 9:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$130.00

SUSTN DSN&FB FURNIT ARTIS 360X 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 5944005 TR 2:10-5:00  
 MEETS: JAN 9-MAY 4

BFA PRO PRACTICE ARTIS 399 2 CREDITS  
 Prereq: JR CLASSIF IN ART & DESIGN BFA CURRICULUM  
 Note: COURSE RESTRICTED TO JRS & SRS  
 2076005 R 6:10-9:30PM  
 MEETS: JAN 9-MARCH 2

PRIN 3D CHAR ANIMAT ARTIS 407 3 CREDITS  
 Prereq: ARTIS 308  
 Note: Available for nonmajor graduate credit  
 2092005 MW 10:00-1:00  
 MEETS: JAN 9-MAY 4

PRIN 3D CHAR ANIMAT ARTIS 407H 3- 4 CREDITS  
 Prereq: ARTIS 308  
 Note: Available for nonmajor graduate credit  
 Instructor permission required.  
 7338005 MWF 1:10-3:00  
 ARRANGED  
 MEETS: JAN 9-MAY 4

CPTR GAME DSIGN&DEV ARTIS 409 3 CREDITS  
 Prereq: INSTRUCTOR PERMISSN. SELECT BY EMPHASIS:  
 COM S 227, 228, 229 OR EQUIV IN ENGR; OR ARTIS 230  
 AND 308; OR ENGL CRSE IN CREATVE WRITING OR WRITING  
 SCREEN PLAYS; OR JR CLASSIF IN BUSINESS OR MARKETING.  
 Note: PORTFOLIO REVIEW BY INSTRUCTOR IS REQUIRED BEFORE  
 ENROLLMENT IN COURSE.  
 Available for nonmajor graduate credit  
 5954005 MW 10:00-11:50  
 MEETS: JAN 9-MAY 4

ADV FURNITURE DSIGN ARTIS 420 3 CREDITS  
 Prereq: 320  
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 1838005 A TR 9:30-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$120.00

ADV FURNITURE DSIGN ARTIS 420H 3- 4 CREDITS  
 Prereq: 320. MEMBERSHIP IN UNIV HONORS PROGRAM.  
 Note: Available for nonmajor graduate credit  
 Instructor permission required.  
 6992005 A TR 9:30-12:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$120.00

CERAMICS STUDIO ARTIS 422 3 CREDITS  
 Prereq: 322  
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 1839005 A TR 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00

JEWELR/METLSMTH III ARTIS 424 3 CREDITS  
 Prereq: 324 OR PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO ART, ARTFA & ARTIS MAJORS ONLY.  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 7250005 TR 9:30-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$70.00

JEWELR/METLSMTH III ARTIS 424H 3- 4 CREDITS  
 Prereq: 324 OR PERMISSION OF INSTRUCTOR.  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: Available for nonmajor graduate credit  
 Instructor permission required.  
 7014005 TR 9:30-12:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$70.00

ART:INTEGRATED STUDIO ARTS (CONTINUED)

ADVANC'D PHOTOGRAPHY ARTIS 429 3 CREDITS  
 Prereq: 329  
 Note: Available for nonmajor graduate credit  
 1836005 MW 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

ADVANC'D PHOTOGRAPHY ARTIS 429H 3- 4 CREDITS  
 Prereq: 329. MEMBERSHIP IN UNIV HONORS PROGRAM.  
 Note: Available for nonmajor graduate credit  
 Instructor permission required.  
 7018005 MW 2:10-5:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

DRAWING ARTIS 430 3 CREDITS  
 Prereq: 330  
 Note: COURSE RESTRICTED TO ARC, ARCH, ART, ARTDN,  
 ARTFA, ARTGR, ARTIS, BPM I, C R P, DSGNS, L A, P ARC,  
 P LA & PBPPI MAJORS ONLY.  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 1841005 TR 9:30-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00

DRAWING ARTIS 430H 3- 4 CREDITS  
 Prereq: 330. MEMBERSHIP IN UNIV HONORS PROGRAM.  
 Note: Available for nonmajor graduate credit  
 Instructor permission required.  
 7074005 TR 9:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00

PAINTING III ARTIS 438 3 CREDITS  
 Prereq: 338  
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID,  
 ARTIS, BPM I, DSGNS & PBPPI MAJORS ONLY.  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 7833005 A TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

PAINTING III ARTIS 438H 3- 4 CREDITS  
 Prereq: 338. MEMBERSHIP IN UNIV HONORS PROGRAM.  
 Note: Available for nonmajor graduate credit  
 Instructor permission required.  
 7147005 TR 2:10-5:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

DIGITL TXTILE DSIGN ARTIS 448X 3 CREDITS  
 Prereq: 347  
 Note: Available for nonmajor graduate credit  
 2442005 TR 9:30-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$150.00

ADVANC'D PRINTMAKING ARTIS 458 3 CREDITS  
 Prereq: 356, 357, OR 358; INSTRUCTOR PERMISSION  
 1840005 MW 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$110.00

ADVANC'D PRINTMAKING ARTIS 458H 3- 4 CREDITS  
 Prereq: 356, 357, OR 358; INSTRUCTOR PERMISSION.  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.  
 Note: Instructor permission required.  
 6312005 MW 9:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$110.00

TOPICS STUDIO ART ARTIS 482 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE TOPIC: DIGITAL DRAWING  
 COURSE OFFERED FOR 3 CREDITS SPRING 2012  
 1855005 Al TR 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO JRS AND SRS IN THE COLLEGE  
 OF DESIGN.  
 1855010 A2 TR 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO JRS AND SRS IN B PMI, PBPPI  
 AND ARTGR.  
 1855015 A3 TR 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO JRS AND SRS IN B PMI, PBPPI,  
 ARTFA & ARTIS MAJORS ONLY.

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

ART:INTEGRATED STUDIO ARTS (CONTINUED)

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

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

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

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

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

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

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

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  
 Note: Materials fee \$25.00  
 \*\*\*\*\*  
 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 SEM OF ENROLLMENT  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY FURNITUR ARTIS 490L 1- 6 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR  
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT  
 Note: 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

BFA EXHIBITION ARTIS 499 1 CREDIT  
 Prereq: 399, SENIOR CLASSIFICATION IN THE ART  
 AND DESIGN BFA CURRICULUM  
 Note: COURSE RESTRICTED TO SENIORS  
 Satisfactory-Fail Only.  
 1708005 R 6:10-8:30PM  
 MEETS: MARCH 5-MAY 4  
 Note: Materials fee \$30.00

INTEGRATED MEDIA ARTIS 505 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: Instructor permission required 1st week.  
 7553005 MW 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

CPTR GAME DSIGN&DEV ARTIS 509 3 CREDITS  
 Prereq: INSTRUCTOR PERMISSION  
 Note: PORTFOLIO REVIEW BY INSTRUCTOR IS REQUIRED BEFORE  
 ENROLLMENT IN COURSE.  
 5948005 MW 10:00-11:50  
 MEETS: JAN 9-MAY 4

ADV FURNITURE DSIGN ARTIS 520 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: Instructor permission required 1st week.  
 1895005 A TR 9:30-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$120.00

ART:INTEGRATED STUDIO ARTS (CONTINUED)

CERAMICS STUDIO ARTIS 522 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTR PERMISSION  
 1896005 A TR 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 Materials and equipment use fee \$90.00

JEWEL&DEC METAL III ARTIS 524 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRCTR PERMISSION  
 Note: Instructor permission required 1st week.  
 7255005 TR 9:30-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$70.00

ADVANC'D PHOTOGRAPHY ARTIS 529 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 7399005 MW 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

DRAWING ARTIS 530 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: Instructor permission required 1st week.  
 7747005 TR 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00

ADVANCED PAINTING ARTIS 538 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 Note: Instructor permission required 1st week.  
 7826005 A TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

DIGITL TXTILE DSIGN ARTIS 548X 3 CREDITS  
 Prereq: 347  
 2451005 TR 9:30-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$150.00

TOPICS STUDIO ART ARTIS 582 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE TOPIC: DIGITAL DRAWING  
 COURSE OFFERED FOR 3 CREDITS SPRING 2012  
 1870005 A TR 8:00-10:50  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

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

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

ART:INTEGRATED STUDIO ARTS (CONTINUED)

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

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

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

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

**ART:INTERIOR DESIGN**

SOPHOMOR FIELD STDY ARTID 259 R CREDIT  
 Prereq: ENROLLMENT IN INTERIOR DESIGN STUDIO  
 COURSE  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 Satisfactory-Fail Only.  
 2162005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$500.00

GRPH COM INT DSN II ARTID 263 3 CREDITS  
 Prereq: 261, ENROLLMENT IN 267  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 2177005 A MW 11:00-11:50 MIKOVEC A  
 MW 12:10-2:00 MIKOVEC A  
 MEETS: JAN 9-MAY 4  
 2177010 B MW 11:00-11:50 SUH J  
 MW 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 2177015 C MW 11:00-11:50 BATES L  
 MW 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 2177020 D MW 11:00-11:50 MIKOVEC A  
 MW 2:10-4:00 MIKOVEC A  
 MEETS: JAN 9-MAY 4

INT DSGN STUDIO II ARTID 267 4 CREDITS  
 Prereq: 265  
 Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS  
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.  
 Instructor permission required 1st week.  
 1714005 A TR 12:10-3:00  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1714010 B TR 12:10-3:00  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1714015 C TR 12:10-3:00  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4

HEALTH &SAFETY SYST ARTID 351 3 CREDITS  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 Instructor permission required 1st week.  
 1683005 TR 9:30-10:50 MALVEN F  
 MEETS: JAN 9-MAY 4

ENVIRN CONTROL SYST ARTID 352 3 CREDITS  
 Note: COURSE RESTRICTED TO ARTID JUNIORS ONLY.  
 Instructor permission required 1st week.  
 1656005 A MW 8:00-9:20 IASEVOLI P  
 MEETS: JAN 9-MAY 4

INT DSN HIST/THRY I ARTID 355 3 CREDITS  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 1689005 A TR 3:40-5:00 SUH J  
 MEETS: JAN 9-MAY 4

I D INTERNSHP SEMNR ARTID 360 .5 CREDIT  
 Prereq: ENROLLMENT IN INTERIOR DESIGN PROGRAM  
 Note: Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 1818005 A M 12:10-1:00 AKKURT C  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO JUNIORS ONLY  
 Professional support fee \$25.00  
 1818010 B M 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC B RESTRICTED TO SOPHOMORES ONLY  
 Professional support fee \$25.00

ART:INTERIOR DESIGN (CONTINUED)

INT DESIGN STDIO IV ARTID 367 4 CREDITS  
 Prereq: 365  
 Note: Instructor permission required 1st week.  
 1817005 A T 8:00-10:50 CAGLEY L  
 R 9:00-11:50 CAGLEY L  
 R 8:00-8:50 CAGLEY L  
 MEETS: JAN 9-MAY 4  
 1817010 B T 8:00-10:50 BATES L  
 R 9:00-11:50 BATES L  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 1817015 C T 8:00-10:50 MIKOVEC A  
 R 9:00-11:50 MIKOVEC A  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

INT DESIGN STDIO IV ARTID 367H 4- 5 CREDITS  
 Prereq: 365. MEMBERSHIP IN UNIVERSITY HONORS PROG  
 Note: Instructor permission required.  
 5001005 T 8:00-10:50 CAGLEY L  
 R 9:00-11:50 CAGLEY L  
 R 8:00-8:50, ARRANGED CAGLEY L  
 MEETS: JAN 9-MAY 4

INT DSN PRO PRACTCE ARTID 461 3 CREDITS  
 Prereq: 460  
 Note: COURSE RESTRICTED TO ARTID MAJORS  
 Instructor permission required 1st week.  
 1847005 R 3:40-6:40PM AKKURT C  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00

ENVIR FOR THE AGING ARTID 463 3 CREDITS  
 Prereq: HD FS 360 OR 3 CREDITS IN HOUSING, ARCH,  
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS  
 Note: Meets U.S. diversity reqmt  
 1823005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00

INT DSN URBAN SETNG ARTID 468 3 CREDITS  
 Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES  
 2062005 TR 2:10-3:30 IASEVOLI P  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$1,025.00

INT DSN URBAN SETNG ARTID 468H 3- 4 CREDITS  
 Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: Instructor permission required.  
 5258005 TR 2:10-3:30 IASEVOLI P  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$1,025.00

ADV STUDI DSGN THRY ARTID 469A 3 CREDITS  
 Prereq: 12 CR IN INTERIOR DESIGN RELATED COURSES  
 OR PERMISSION OF INSTRUCTOR  
 Note: Available for nonmajor graduate credit  
 1850005 A T 5:10-8:00PM STONE L  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.

ADV STUDIES COLOR ARTID 469B 3 CREDITS  
 Prereq: 12 CR IN INTERIOR DESIGN RELATED COURSES  
 OR PERMISSION OF INSTRUCTOR  
 Note: Available for nonmajor graduate credit  
 1661005 TR 12:10-1:30 MALVEN F  
 MEETS: JAN 9-MAY 4

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

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

MICRO DSGN HUMANICS ARTID 551A 3 CREDITS  
 Prereq: INSTRUCTOR PERMISSION  
 8255005 MW 11:00-12:30 MALVEN F  
 MEETS: JAN 9-MAY 4

DSGN MTHDS:PROC ALT ARTID 552D 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 1824005 M 5:10-7:00PM SONG J  
 MEETS: JAN 9-MAY 4

ART: INTERIOR DESIGN (CONTINUED)

ID TEACHNG PRACTICM ARTID 554 1- 3 CREDITS  
 Prereq: 667, PERMISSION OF INSTRUCTOR  
 4283005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV STUDI DSGN THRY ARTID 569A 3 CREDITS  
 Prereq: GRAD CLASSIFICATION OR PERMISSION  
 OF INSTRUCTOR  
 7179005 A T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.

ADV STUDIES COLOR ARTID 569B 3 CREDITS  
 Prereq: GRAD CLASSIFICATION OR PERMISSION  
 OF INSTRUCTOR  
 1684005 TR 12:10-1:30 MALVEN F  
 MEETS: JAN 9-MAY 4

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

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

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

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

**ASTRONOMY & ASTROPHYSICS**

NORTH STAR ASTRONMY ASTRO 102 1 CREDIT  
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT  
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION  
 8059005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 8059600 XW ARRANGED WILLSON L  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

EVENING STAR ASTRO 103 1 CREDIT  
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT  
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION  
 8260005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 8260600 XW ARRANGED WILLSON L  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

EARTH&SPACE SCI LAB ASTRO 106L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN 106X  
 8584005 1 M 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 8584010 2 R 3:30-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

EARTH&SPC FOR EL ED ASTRO 106X 2 CREDITS  
 Note: COURSE RESTRICTED TO EL ED & ECE MAJORS ONLY.  
 8505005 ARRANGED CERVATO C  
 MEETS: JAN 9-MAY 4

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS  
 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.  
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT  
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION.  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 1951005 1 F 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 1951010 2 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 1951015 3 F 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 1951020 4 F 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1951025 5 F 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 1951030 6 F 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 1951035 7 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 1951040 8 F 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 1951045 9 R 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 1951050 10 M 8:00-8:50  
 MEETS: JAN 9-MAY 4

ASTRONOMY & ASTROPHYSICS (CONTINUED)

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS  
 1951055 11 M 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 1951060 12 M 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 1951065 13 M 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1951070 14 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 1951075 15 M 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 1951080 16 M 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 1951085 17 M 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 1951115 W TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1951120 Z TR 12:10-1:00  
 MEETS: JAN 9-MAY 4

SKY & SOLAR SYST LAB ASTRO 125L 1 CREDIT  
 Prereq: CONCURRENT OR PREVIOUS ENROLLMENT IN 120  
 2522005 1 M 8:00-9:50PM  
 MEETS: JAN 9-MAY 4  
 2522010 2 T 8:00-9:50PM  
 MEETS: JAN 9-MAY 4  
 2522015 3 W 8:00-9:50PM  
 MEETS: JAN 9-MAY 4  
 2522020 4 R 8:00-9:50PM  
 MEETS: JAN 9-MAY 4

STARS, GALAXIES & COSM ASTRO 150 3 CREDITS  
 1952005 1 TR 1:10-2:00  
 W 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 1952010 2 TR 1:10-2:00  
 W 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 1952015 3 TR 1:10-2:00  
 W 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1952020 4 TR 1:10-2:00  
 W 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 1952025 5 TR 1:10-2:00  
 W 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 1952045 9 TR 1:10-2:00  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 1952050 10 TR 1:10-2:00  
 R 9:00-9:50  
 MEETS: JAN 9-MAY 4

ASTRONOMY BIZARRE ASTRO 250 3 CREDITS  
 Prereq: 120 OR 150  
 4569005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

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

INTRO TO ASTROPHYSIC ASTRO 346 3 CREDITS  
 Prereq: PHYS 222  
 Note: Available for nonmajor graduate credit  
 8740005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

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

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

INDEPENDENT STUDY ASTRO 490 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY ASTRO 490H 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN  
 THE HONORS PROGRAM  
 Note: NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE  
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO  
 UNIVERSITY HONORS STUDENTS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GALACTIC ASTRONOMY ASTRO 584 3 CREDITS  
 Prereq: 405 OR 505  
 1963005 ARRANGED  
 MEETS: JAN 9-MAY 4

ASTRONOMY & ASTROPHYSICS (CONTINUED)

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

CREATIVE COMPONENT ASTRO 599 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED SEMINAR ASTRO 650 1 CREDIT  
 Satisfactory-Fail Only.  
 1970005 F 4:10-5:00  
 MEETS: JAN 9-MAY 4

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

**ATHLETICS**

INTERCOL BASKETBALL ATH 101B 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.  
 1974005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTERCOL BASKETBALL ATH 101C 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.  
 1975005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTERCOLLEGIAT GOLF ATH 101G 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.  
 1973005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTERCOL GYMNASTICS ATH 101J 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.  
 1981005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTERCOLL SOFTBALL ATH 101K 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.  
 1982005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTERCOLL SWIMMING ATH 101M 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.  
 1984005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTERCOLLEG TENNIS ATH 101O 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.  
 1986005 ARRANGED  
 MEETS: JAN 9-MAY 4

ATHLETICS (CONTINUED)

INTERCOLLEG TRACK ATH 101P 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.  
 1987005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTERCOLLEG TRACK ATH 101Q 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.  
 1988005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTERCOLL WRESTLING ATH 101S 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.  
 1990005 ARRANGED  
 MEETS: JAN 9-MAY 4

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.  
 1991005 ARRANGED  
 MEETS: JAN 9-MAY 4

**BIOCHEM, BIOPHYSICS & MOLECULAR BIO**

INTRO BIOCHEM LAB BBMB 102 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN CHEM 177 AND 177L  
 Note: ENROLLMENT IN THIS COURSE WILL CAUSE A TIME CONFLICT MESSAGE. IGNORE CONFLICTS BUILT INTO THE SECTION MEETING TIME. LECTURE & LAB MEET OPPOSITE WEEKS.  
 1997005 A F 2:10-3:00 ZABOTINA O  
 F 1:10-3:00 ZABOTINA O  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$75.00

1997010 B F 2:10-3:00 ZABOTINA O  
 F 2:10-4:00 ZABOTINA O  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$75.00

1997015 C T 11:00-11:50 ZABOTINA O  
 T 11:00-12:50 ZABOTINA O  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$75.00

1997020 D T 11:00-11:50  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$75.00

CURR TOPICS BIOCHEM BBMB 115X 2 CREDITS  
 9362005 MW 11:00-11:50 HARGROVE M  
 MEETS: JAN 9-MAY 4

CHEM PRIN IN BIO SY BBMB 201 2 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN CHEM 331  
 2053005 TR 2:10-3:00 NELSON S  
 MEETS: JAN 9-MAY 4

SURVEY OF BIOCHEM BBMB 301 3 CREDITS  
 Prereq: CHEM 231 OR 331  
 Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 301 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE  
 1999005 MWF 12:10-1:00 MACINTOSH G  
 MEETS: JAN 9-MAY 4

BIOCHEMISTRY PRINCIP BBMB 316 3 CREDITS  
 Prereq: CHEM 231 OR 331; BIOL 212  
 Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 316 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR  
 9022005 MWF 9:00-9:50 PETERS R  
 MEETS: JAN 9-MAY 4

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

BIOCHEMISTRY I BBMB 404 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  
 2002600 XW ARRANGED HARGROVE M  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Available for nonmajor graduate credit  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: http://ww.agde.iastate.edu/support /comp.reqs.php

BIOCHEMISTRY II BBMB 405 3 CREDITS  
 Prereq: 404  
 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  
 2003005 MWF 11:00-11:50 BEITZ D  
 MEETS: JAN 9-MAY 4  
 2003600 XW ARRANGED BEITZ D  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: http://www.agde.iastate.edu/support /comp.reqs.php

PHYSIOLOGICAL CHEM BBMB 420 3 CREDITS  
 Prereq: CHEM 332, BBMB 301 OR BIOL 314  
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. AG BIOCHEMISTRY, BIOCHEMISTRY AND BIOPHYSICS MAJORS MAY NOT APPLY CREDIT FOR BBMB 420 TOWARD THE DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE.  
 Available for nonmajor graduate credit  
 2005600 XW ARRANGED BEITZ D  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: http://www.agde.iastate.edu/support /comp.reqs.php

MOLECULR BIOPHYSICS BBMB 461 2 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN CHEM 324 AND 325  
 2007005 TR 11:00-11:50 HONZATKO R  
 MEETS: JAN 9-MAY 4

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

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

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

COMPRHNS BIOCHEM II BBMB 502 4 CREDITS  
 Prereq: 501  
 2011005 MTRF 1:10-2:00 DISPIRITO A  
 MEETS: JAN 9-MAY 4

BIOINORGANIC CHEM BBMB 503 2 CREDITS  
 Prereq: CHEM 402 OR BBMB 405  
 2012005 TR 9:30-10:20  
 MEETS: JAN 9-MAY 4

INTRO DNA TECHNIQS BBMB 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7099005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: JAN 10-FEB 9  
 Note: Materials and equipment use fee \$25.00

INTR PROTEIN TECHNQ BBMB 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7100005 TR 1:10-2:00 NOTT J  
 TR 2:10-4:00 NOTT J  
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS BBMB 542C 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7101005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: MARCH 27-APRIL 26

INTR PLNT TRNSFM TQ BBMB 542D 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7104005 WF 12:30-4:00  
 MEETS: FEB 1-APRIL 20

INTR METABLMCS TCNQ BBMB 542F 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 9009005 M 1:10-4:00, ARRANGED PERERA M  
 MEETS: FEB 6-APRIL 16  
 Note: Materials and equipment use fee \$25.00

INTRO GENOMIC TECNQ BBMB 542G 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7441005 M 2:10-4:00  
 W 2:10-4:00  
 MEETS: MARCH 5-APRIL 2

MOLECULR BIOPHYSICS BBMB 561 2 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN CHEM 324 AND 325  
 1768005 ARRANGED HONZATKO R  
 MEETS: JAN 9-MAY 4

MOLECUL BIOPHYS LAB BBMB 561L 2 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 461/561  
 1796005 1 T 7:10-8:00PM HONZATKO R  
 W 9:00-11:50 HONZATKO R  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$75.00  
 1796010 2 T 7:10-8:00PM HONZATKO R  
 W 11:00-2:00 HONZATKO R  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$75.00

1796015 3 T 7:10-8:00PM  
 W 11:00-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$75.00  
 1796020 4 T 7:10-8:00PM  
 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$75.00

PRO PRCTC:RSPBL RES BBMB 565A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 3135005 1 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 3135010 2 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

PRO PRCTCE:WRK INDU BBMB 565B .5 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 3345005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

WORKSHP BIOCH&BIOPH BBMB 593 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: SEE DESI GUNNING FOR PERMISSION TO ADD.  
 4853005 R 5:10-9:00PM RAO A  
 MEETS: MARCH 29  
 Note: Department permission required.

CARBOHYDRATE CHEM BBMB 622 2 CREDITS  
 Prereq: 404 OR 501  
 2024005 MW 4:10-5:00 ROBYT J  
 MEETS: JAN 9-MAY 4

CURR TOPCS NEUROBIO BBMB 661 2- 3 CREDITS  
 Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR  
 4707005 ARRANGED  
 MEETS: JAN 9-MAY 4

BIOCH EUCARYOT GENE BBMB 676 2 CREDITS  
 Prereq: 404 OR 501, 405 OR 502 OR GDCB 511  
 1848005 TR 11:00-12:20 NILSEN-HAMILTON  
 MEETS: JAN 9-MAY 4

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

ADVANCED SEMINAR BBMB 681 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2034005 T 4:10-6:00PM NIKOLAU B  
 MEETS: JAN 9-MAY 4

DEPARTMENT SEMINAR BBMB 682 R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2035005 R 4:10-6:00PM RAO A  
 MEETS: JAN 9-MAY 4

RESEARCH SEMINAR BBMB 696 1 CREDIT  
 Satisfactory-Fail Only.  
 8831005 W 4:10-5:30  
 MEETS: JAN 9-MAY 4

SEM N MOLEC,C,DV BIO BBMB 698 1- 2 CREDITS  
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2012.  
 2037005 M 3:10-5:00  
 MEETS: JAN 9-MAY 4

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

**BIOENGINEERING**

SYS BIOL FOR ENGINR BIOE 325 3 CREDITS  
 Prereq: 202, MATH 267  
 4727005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

BIOMEMS & NANOTECHNL BIOE 341 3 CREDITS  
 Prereq: 202  
 4729005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

BIOMEMS & NANOTEC LAB BIOE 341L 1 CREDIT  
 Prereq: 202, CONCURRENT ENROLLMENT IN 341  
 4760005 A T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 4760010 B R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

IMAGE PROCES & BIOMD BIOE 428 3 CREDITS  
 Prereq: E E 324  
 4763005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

**BIOINFORMATICS&COMPUTATIONAL BIOL-UG**

INTR BIOIN&COMP BIO BCBIO 211 3 CREDITS  
 5589005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

SQNC DTBS SRCH TCNQ BCBIO 442A .5 CREDIT  
 Prereq: JUNIOR STANDING  
 Note: Available for nonmajor graduate credit  
 Satisfactory-Fail Only.  
 9130005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 9130600 XW ARRANGED MUPPIRALA U  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

PROTEIN STRUCT TCNQ BCBIO 442B .5 CREDIT  
 Prereq: JUNIOR STANDING  
 Note: Available for nonmajor graduate credit  
 Satisfactory-Fail Only.  
 9133005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 9133600 XW ARRANGED MUPPIRALA U  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

PHYLOGEN ANALY TCNQ BCBIO 442C .5 CREDIT  
 Prereq: JUNIOR STANDING  
 Note: Available for nonmajor graduate credit  
 Satisfactory-Fail Only.  
 9134005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 9134600 XW ARRANGED MUPPIRALA U  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

BIOINFORMATICS&COMPUTATIONAL BIOL-UG (CONTINUED)

INDEPENDENT STUDY BCBIO 490 1- 5 CREDITS  
 Prereq: BCBIO 211, JUNIOR OR SENIOR CLASSIFICATN,  
 PERMISSION OF INSTRUCTOR  
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE  
 THAN 9 CREDITS OF BCBIO 490 OR 491 TOWARD GRADUATION  
 Department permission required.  
 8777005 ARRANGED  
 MEETS: JAN 9-MAY 4

TEAM RESRCH PROJCTS BCBIO 491 1- 5 CREDITS  
 Prereq: BCBIO 211, JUNIOR OR SENIOR CLASSIF,  
 PERMISSION OF INSTRUCTOR  
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE  
 THAN 9 CREDITS OF BCBIO 490 AND 491 TOWARD GRADUATION  
 4721001 ARRANGED  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY BCB 490 1- 5 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**BIOINFORMATICS AND COMPUTATIONAL BIOL**

PRO PRCTC:RSPBL RES BCB 565A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 1873005 1 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1873010 2 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

PRO PRCTCE:WRK INDU BCB 565B .5 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 1874005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV GENOME INFORMTC BCB 568 3 CREDITS  
 Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430,  
 CREDIT OR ENROLLMENT IN GEN 411  
 2081005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

COMP FUNC GENOM&BIO BCB 570 3 CREDITS  
 Prereq: 567, BIOL 315, COM S 311, COM S 208 OR  
 228, GEN 411, STAT 430  
 2125005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 2125010 2 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

SPECIAL TOPICS BCB 590 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 1337005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 1337010 2 ARRANGED  
 MEETS: JAN 9-MAY 4

WKSHP BIOINFORMATCS BCB 593 1 CREDIT  
 7397005 W 3:10-4:00  
 MEETS: JAN 9-MAY 4

STUDT SEMINR BIOINF BCB 690 1 CREDIT  
 7830005 R 12:40-1:30  
 MEETS: JAN 9-MAY 4

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS  
 7827005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

**BIOLOGICAL SYSTEMS ENGINEERING**

EXPRNCNG BIO SY ENG BSE 110 1 CREDIT  
 8493005 A T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 8493010 B R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 8493015 C R 2:10-4:00  
 MEETS: JAN 9-MAY 4

ENG GRPHC&INTRO DSN BSE 170 3 CREDITS  
 Prereq: SATISFACTORY SCORES IN MATH PLACEMENT  
 ASSESSMENTS; CREDIT OR ENROLLMENT IN MATH 142  
 6707005 MW 12:10-2:00  
 MEETS: JAN 9-MAY 4

SMNR:PREP FOR WRKPL BSE 201 1 CREDIT  
 Prereq: SOPH CLASSIF IN A E, AST, BSE OR I TEC  
 1676005 A MW 4:10-5:00  
 MEETS: JAN 9-MARCH 2

BIOLOGICAL SYSTEMS ENGINEERING (CONTINUED)

BIOLOGY (CONTINUED)

PROJ MGT&DESIGN ABE BSE 218 2 CREDITS  
 Prereq: 216  
 1872005 M 11:00-11:50  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4

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

PRIN BIOL SYS ENGNR BSE 380 3 CREDITS  
 Prereq: 216, CH E 357  
 8499005 TR 11:00-11:50  
 F 9:00-10:50  
 MEETS: JAN 9-MAY 4

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

AGRIC ENGR DESIGN I BSE 415 2 CREDITS  
 Prereq: A E 271 OR 272, E M 324  
 Note: Available for nonmajor graduate credit  
 1821005 M 12:10-1:00, ARRANGED  
 MEETS: JAN 9-MAY 4

AG ENGR DESIGN II BSE 416 2 CREDITS  
 Prereq: 415  
 Note: Available for nonmajor graduate credit  
 1853005 ARRANGED  
 MEETS: JAN 9-MAY 4

GRAIN PROCESS&HANDL BSE 469 3 CREDITS  
 Prereq: A E 216  
 4229005 MW 10:00-10:50  
 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00

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

INTRODUCTORY BIOL BIOL 101 3 CREDITS  
 Course delivery is WWW  
 Delivery fee \$150.00

OPPORTUNITI IN BIOL BIOL 111 .5 CREDIT  
 Satisfactory-Fail Only.  
 7407005 T 4:10-5:00  
 MEETS: JAN 9-MAY 4

HUMAN BIOLOGY BIOL 155 3 CREDITS  
 Prereq: HS BIOLOGY & CHEMISTRY OR BIOL 101  
 7079005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

7079600 XW ARRANGED GUO H  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

ENVIRONMNTL BIOLOGY BIOL 173 3 CREDITS  
 2015005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://lasonline.iastate.edu/biol173>

2015010 2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

2015600 XW ARRANGED PLEASANTS J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

BIODIVERSITY BIOL 204 2 CREDITS  
 Prereq: ONE COURSE IN LIFE SCIENCES  
 3892005 TR 9:00-10:50  
 MEETS: MARCH 5-MAY 4

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

9468005 1 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

9468010 2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

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

9470005 1 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470010 2 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470015 3 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470020 4 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470025 5 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470030 6 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470035 7 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470040 8 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470045 9 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470050 10 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470055 11 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470060 12 R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470065 13 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470070 14 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470075 15 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470080 16 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470085 17 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470090 18 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9470095 19 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

**BIOLOGICAL/PRE-MEDICAL ILLUSTRATION**

ILLUSTRATN&I SOFTWR BPM I 326 3 CREDITS  
 Prereq: 323  
 Note: Instructor permission required 1st week.  
 1857005 TR 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

APP SCI ILLUST TCNQ BPM I 337 3 CREDITS  
 Prereq: 327  
 9105005 TR 2:10-5:00  
 MEETS: JAN 9-MAY 4

FIELD ILLUSTRATION BPM I 395 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE OFFERED FOR 2 CREDIT SPRING 2012.  
 7996005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

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

**BIOLOGY**

INTRODUCTORY BIOL BIOL 101 3 CREDITS  
 2064005 1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

2064010 2 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

2064015 3 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://lasonline.iastate.edu/biol1101>

2064020 4 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://lasonline.iastate.edu/biol1101>

2064600 XW ARRANGED PLEASANTS J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus



BIOLOGY

(CONTINUED)

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT  
 9470100 20 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

PRIN OF BIOLOGY II BIOL 212 3 CREDITS  
 Prereq: 211

9469005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

9469010 2 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

9469015 3 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

9469020 SEC 3 RESTRICTED TO BIOL, BIOLA MAJOR ONLY.  
 4 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://project.bio.iastate.edu/>  
 9469600 XW ARRANGED VLECK D  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

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

9471005 1 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471010 2 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471015 3 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471020 4 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471025 5 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471030 6 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471035 7 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471040 8 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471045 9 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471050 10 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471055 11 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471060 12 R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471065 13 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471070 14 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471075 15 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471080 16 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471085 17 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471090 18 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471095 19 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471100 20 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471105 21 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471110 22 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471115 23 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471120 24 R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471125 25 M 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471130 26 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471135 27 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

BIOLOGY

(CONTINUED)

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT  
 Note: Materials fee \$100.00

9471140 28 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

9471145 29 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

FUND HUMAN PHYSIOL BIOL 256 3 CREDITS  
 Prereq: H.S. BIOLOGY AND CHEMISTRY, OR BIOL 101,  
 OR BIOL 255 (RECOMMENDED)

6408005 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

FND HUMN PHYSIO LAB BIOL 256L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 256

6419005 1 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419010 2 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419015 3 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419020 4 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419025 5 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419030 6 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419035 7 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419040 8 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419045 9 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419050 10 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419055 11 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419060 12 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419065 13 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419070 14 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419075 15 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419080 16 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419085 17 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419090 18 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419095 19 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419100 20 R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419105 21 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

6419110 22 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$58.00

HUMAN REPRODUCTION BIOL 258 3 CREDITS  
 Prereq: BIOL 101 OR 155 OR 211

7084005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

METAB PHYSIOL MAMML BIOL 306 3 CREDITS  
 Prereq: 211, 212  
 Note: CREDIT FOR EITHER BIOL 306/306X OR BIOL 335, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

8911005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

BIOLOGY

(CONTINUED)

PRINCIP OF GENETICS BIOL 313 3 CREDITS  
 Prereq: 211, 212  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313 AND 313L, GEN/AGRON 320  
 9472005 1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

GENETICS LABORATORY BIOL 313L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 313  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313 AND 313L, GEN/AGRON 320  
 9473005 1 MW 10:00-10:30  
 MW 10:30-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9473010 2 MW 10:00-10:30  
 MW 10:30-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9473015 3 MW 1:10-1:30  
 MW 1:30-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9473020 4 MW 1:10-1:30  
 MW 1:30-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9473025 5 MW 4:10-4:30  
 MW 4:30-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9473030 6 MW 4:10-4:30  
 MW 4:30-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9473035 7 TR 9:30-10:00  
 TR 10:00-11:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9473040 8 TR 9:30-10:00  
 TR 10:00-11:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9473045 9 TR 12:40-1:10  
 TR 1:10-2:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9473050 10 TR 12:40-1:10  
 TR 1:10-2:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9473055 11 TR 3:40-4:10  
 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9473060 12 TR 3:40-4:10  
 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00

PRIN MOLEC CELL BIO BIOL 314 3 CREDITS  
 Prereq: 313  
 9474005 1 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

BIOLOGICAL EVOLUTN BIOL 315 3 CREDITS  
 Prereq: 313  
 5604005 1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

COMPA CHORDATE ANAT BIOL 351 5 CREDITS  
 Prereq: 212, JUNIOR CLASSIFICATION  
 7090005 1 TR 9:30-10:50  
 MW 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$75.00  
 7090010 2 TR 9:30-10:50  
 TR 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$75.00  
 7090015 3 TR 9:30-10:50  
 MW 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$75.00

PLANTS & PEOPLE BIOL 355 3 CREDITS  
 Prereq: 211, 211L  
 2082005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

PLANT SYSTEMATICS BIOL 366 4 CREDITS  
 Prereq: 211  
 2084010 1 TR 12:40-2:00  
 T 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 2084015 2 TR 12:40-2:00  
 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 2084020 3 TR 12:40-2:00  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

BIOLOGY

(CONTINUED)

PLANT SYSTEMATICS BIOL 366 4 CREDITS  
 2084025 4 TR 12:40-2:00  
 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

ANALYS ENVIRON SYST BIOL 382 3 CREDITS  
 Prereq: 381  
 Note: Available for nonmajor graduate credit  
 4805005 1A MW 1:10-2:00  
 M 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 CASTELLANO M  
 4805010 1B MW 1:10-2:00  
 M 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 CASTELLANO M  
 4805015 2A MW 1:10-2:00  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 4805020 2B MW 1:10-2:00  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 CASTELLANO M

PRE-FLD TRIP SEMINR BIOL 393A 1 CREDIT  
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC  
 1918005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: OPEN SECTION PREP TRAVEL TO BOUNDRY WATERS SPRING 2012  
 Instructor permission required.  
 1918010 2 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SECT 2 PREP FOR TRAVEL TO YELLOWSTONE SPRING 2012  
 Instructor permission required.

N AMERIC FIELD TRIP BIOL 393B 1- 3 CREDITS  
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC  
 1921005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: OPEN SECTION TRAVEL TO BOUNDRY WATERS SPRING 2012  
 Instructor permission required.

INTL FIELD TRIP SEM BIOL 394A 1 CREDIT  
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES  
 AND BY APPROVAL OF APPLICATION  
 Note: Meets international perspectives reqmt  
 Satisfactory-Fail Only.  
 3167005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.  
 3167800 HN ARRANGED SAKAGUCHI D  
 MEETS: MARCH 1-MAY 4  
 Note: SEC HN TAUGHT IN HONDURAS. INTERNATIONAL FIELD TRIPS IN BIOLOGY: CARIBBEAN MARINE BIOLGY Study Abroad Administrative Fee Applies

INTERNAT FIELD TRIP BIOL 394B 1- 3 CREDITS  
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES  
 AND BY APPROVAL OF APPLICATION  
 Note: Meets international perspectives reqmt  
 Satisfactory-Fail Only.  
 3223005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.  
 3223800 HN ARRANGED SAKAGUCHI D  
 MEETS: MARCH 1-MAY 4  
 Note: SEC HN TAUGHT IN HONDURAS. INTERNATIONAL FIELD TRIPS IN BIOLOGY: CARIBBEAN MARINE BIOLGY Study Abroad Administrative Fee Applies

DEVELOPMENTAL BIOL BIOL 423 3 CREDITS  
 Prereq: 313  
 7103005 1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

DEVELOPMTL BIOL LAB BIOL 423L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 423  
 5680005 1 TR 12:10-1:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$225.00  
 5680010 2 TR 1:40-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$225.00

TOPICS CELL BIOLOGY BIOL 428 3 CREDITS  
 Prereq: 314  
 Note: Available for nonmajor graduate credit  
 7102005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

ENDOCRINOLOGY BIOL 434 3 CREDITS  
 Prereq: 211, 212  
 Note: Available for nonmajor graduate credit  
 7106005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A OFFERED FOR 3 CREDITS SPRING 2012.

BIOLOGY (CONTINUED)

BRYOPHYT&LICHN DVRS BIOL 455 3 CREDITS  
 Prereq: 211 AND 211L  
 Note: Available for nonmajor graduate credit  
 8909005 TR 6:00-8:30PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

ORNITHOLOGY BIOL 458 3 CREDITS  
 Prereq: A ECL 365 OR BIOL 351  
 2140005 1 MW 10:00-10:50 DINSMORE S  
 T 7:00-9:50 DINSMORE S  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00  
 2140010 2 MW 10:00-10:50 DINSMORE S  
 W 7:00-9:50 DINSMORE S  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00

MAMMALOLOGY BIOL 459 3 CREDITS  
 Prereq: A ECL 365 OR BIOL 351  
 2155005 1 MW 2:10-3:00 CLARK W  
 T 9:00-11:50 CLARK W  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 2155010 2 MW 2:10-3:00 CLARK W  
 W 9:00-11:50 CLARK W  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

EVOLUTNARY GENETICS BIOL 462 3 CREDITS  
 Prereq: BIOL 315  
 Note: Available for nonmajor graduate credit  
 7110005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

MORPHOMETRIC ANALYS BIOL 465 4 CREDITS  
 Prereq: STAT 401  
 Note: Available for nonmajor graduate credit  
 4411005 TR 2:10-3:40, ARRANGED  
 MEETS: JAN 9-MAY 4

INTRO CONSERVA BIOL BIOL 471 3 CREDITS  
 Prereq: 312  
 8907005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

COMMUNITY ECOLOGY BIOL 472 3 CREDITS  
 Prereq: 312  
 Note: Available for nonmajor graduate credit  
 2100005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

PLANT ECOLOGY BIOL 474 3 CREDITS  
 Prereq: BIOL 312  
 Note: Available for nonmajor graduate credit  
 2099005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

FUNCTIONAL ECOLOGY BIOL 476 3 CREDITS  
 Prereq: 312  
 2156005 ARRANGED  
 MEETS: JAN 9-MAY 4

MICROBIAL ECOLOGY BIOL 487 3 CREDITS  
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
 Note: Available for nonmajor graduate credit  
 3511005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ID AQUATIC ORGANSMS BIOL 488 1 CREDIT  
 Note: Available for nonmajor graduate credit  
 4644005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 4644600 XW ARRANGED DOWNING J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmpt reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

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

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

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

BIOLOGY (CONTINUED)

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

COOPERATIVE EDUC BIOL 498 R CREDIT  
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE  
 EDUCATION COORDINATOR, JUNIOR CLASSIFICATION  
 4546005 ARRANGED  
 MEETS: JAN 9-MAY 4

**BIOMEDICAL SCIENCES**

AN&PHYSL DOMES ANIM B M S 329 3 CREDITS  
 Prereq: BIOL 212, 212L  
 6968005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

PRIN MORPHOLOGY II B M S 331 4 CREDITS  
 Prereq: 330, FIRST-YEAR CLASSIFICATION IN  
 VET MED  
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS  
 6009005 TR 1:10-2:00  
 TR 2:10-4:00  
 F 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

BIOMEDICAL SCIEN II B M S 334 6 CREDITS  
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED  
 1936005 1 MTR 8:00-8:50  
 WF 10:00-10:50  
 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 1936010 2 MTR 8:00-8:50  
 WF 10:00-10:50  
 R 9:00-11:50  
 MEETS: JAN 9-MAY 4

NEUROANATOMY B M S 337 3 CREDITS  
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS  
 6833005 1 MW 9:00-9:50  
 M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6833010 2 MW 9:00-9:50  
 M 2:10-4:00  
 MEETS: JAN 9-MAY 4

CASE STUDY II B M S 346 1 CREDIT  
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED  
 6458005 F 1:10-2:00  
 MEETS: JAN 9-MAY 4

GENERAL PHARMACOLGY B M S 354 3 CREDITS  
 Prereq: 333, 334  
 Note: Available for nonmajor graduate credit  
 3518005 MR 2:10-3:00  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4

INTR AQUAT ANIM MED B M S 401 1 CREDIT  
 2729005 1 T 7:10-9:00PM  
 MEETS: MARCH 5-MAY 4

BEHAVIOR DOMES ANIM B M S 403 1 CREDIT  
 Prereq: CLASSIFICATION IN V MED  
 6840005 F 12:10-1:00  
 MEETS: JAN 9-MAY 4

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  
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS  
 ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES MTHD BIOMED SCI B M S 501 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A  
 B M S FACULTY MEMBER  
 6978005 ARRANGED  
 MEETS: JAN 9-MAY 4

PRIN MORPHOLOGY II B M S 531 4 CREDITS  
 Prereq: 530  
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY  
 6678005 TR 1:10-2:00  
 TR 2:10-4:00  
 F 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

BIOMEDICAL SCIENCES (CONTINUED)

BIOMEDICAL SCIENCES (CONTINUED)

NEUROANATOMY B M S 537 3 CREDITS  
 Prereq: 10 CR IN BIOL SCIENCE & INSTR PERMISSION  
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY  
 6847005 1 MW 9:00-9:50  
 M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6847010 2 MW 9:00-9:50  
 M 2:10-4:00  
 MEETS: JAN 9-MAY 4

INTRO DNA TECHNIQS B M S 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7133005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: JAN 10-FEB 9  
 Note: Materials and equipment use fee \$25.00

INTR PROTEIN TECHNQ B M S 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7134005 TR 1:10-2:00 NOTT J  
 TR 2:10-4:00 NOTT J  
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS B M S 542C 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7135005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: MARCH 27-APRIL 26

INTR PLNT TRNSFM TO B M S 542D 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7137005 WF 12:30-4:00  
 MEETS: FEB 1-APRIL 20

INTR METABL MCS TCNQ B M S 542F 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 9011005 M 1:10-4:00, ARRANGED  
 MEETS: FEB 6-APRIL 16  
 Note: Materials and equipment use fee \$25.00

INTRO GENOMIC TECNQ B M S 542G 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7752005 M 2:10-4:00  
 W 2:10-4:00  
 MEETS: MARCH 5-APRIL 2

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

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

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

SPL TOPCS CELL BIOL B M S 590D 1- 7 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH REVIEW B M S 688 1 CREDIT  
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
 8961005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

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

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

ADV TOPCS CELL BIOL B M S 690D 1- 5 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR B M S 698A R CREDIT  
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
 5776005 R 12:10-1:00  
 MEETS: JAN 9-MAY 4

SEMINAR B M S 698B 1 CREDIT  
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM  
 Satisfactory-Fail Only.  
 6995005 R 12:10-1:00  
 MEETS: JAN 9-MAY 4

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

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

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

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

**BIORENEWABLE RESOURCES & TECHNOLOGY**

FUND BIORENEW RESOU BRT 501 3 CREDITS  
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR  
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS  
 6534005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 6534600 XE ARRANGED RAMAN D  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

BIOBASE PROD SEMINR BRT 506A 1 CREDIT  
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR  
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS  
 Satisfactory-Fail Only.  
 6476005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 6476600 XE ARRANGED BAUGHMAN J  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$100.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

BIOBASE PROD SEMINR BRT 506B R CREDIT  
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR  
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS  
 Satisfactory-Fail Only.  
 6505005 ARRANGED  
 MEETS: JAN 9-MAY 4

THRMOCHM PROC BIOMS BRT 535 3 CREDITS  
 Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS  
 AND TRANSPORT PHENOMENA  
 4858005 TR 9:30-10:20  
 MEETS: JAN 9-MAY 4  
 4858600 XE ARRANGED BROWN R  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 9:20-10:30 AM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

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

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

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

**BUSINESS ADMINISTRATION**

ORIENTATION BUSAD 101 .5 CREDIT  
 Note: CREDIT FOR EITHER BUSAD 101/101H OR BUSAD 102,  
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Satisfactory-Fail Only.  
 6144005 1 T 12:40-1:30  
 MEETS: JAN 9-MARCH 2  
 6144010 2 R 12:40-1:30  
 MEETS: JAN 9-MARCH 2  
 6144015 3 W 8:00-8:50  
 MEETS: JAN 9-MARCH 2  
 6144020 4 W 11:00-11:50  
 MEETS: JAN 9-MARCH 2  
 6144025 5 F 11:00-11:50  
 MEETS: JAN 9-MARCH 2

BUSINESS ADMINISTRATION (CONTINUED)

CMPTR COMPINC BUSNS BUSAD 150 R CREDIT  
Satisfactory-Fail Only.  
8808005 1 ARRANGED  
MEETS: JAN 9-MAY 4

INTRO BUS CAREERS BUSAD 201 .5 CREDIT  
Prereq: 101  
Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS STUDENTS ONLY. NOT OPEN TO GRADUATE STUDENTS  
Satisfactory-Fail Only.  
2705005 1 T 2:10-3:00  
MEETS: JAN 9-MARCH 2  
2705010 2 R 2:10-3:00  
MEETS: JAN 9-MARCH 2  
2705015 3 T 3:40-4:30  
MEETS: JAN 9-MARCH 2  
2705020 4 F 8:00-8:50  
MEETS: JAN 9-MARCH 2  
2705025 5 T 12:40-1:30  
MEETS: MARCH 5-MAY 4  
2705030 6 R 12:40-1:30  
MEETS: MARCH 5-MAY 4

PRO EMPLOYMENT PREP BUSAD 202 .5 CREDIT  
Prereq: 201  
Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS STUDENTS ONLY. NOT OPEN TO GRADUATE STUDENTS  
Satisfactory-Fail Only.  
5618005 1 T 2:10-3:00  
MEETS: MARCH 5-MAY 4  
5618010 2 R 2:10-3:00  
MEETS: MARCH 5-MAY 4  
5618015 3 T 3:40-4:30  
MEETS: MARCH 5-MAY 4  
5618020 4 F 8:00-8:50  
MEETS: MARCH 5-MAY 4  
5618025 5 W 1:10-2:00  
MEETS: JAN 9-MARCH 2  
5618030 6 F 1:10-2:00  
MEETS: JAN 9-MARCH 2

INTRO TO BUSINESS BUSAD 250 3 CREDITS  
Prereq: 150 OR COM S 103  
Note: SEC A1,B1 B2 RESTRICTED TO COLLEGE OF BUSINESS ONLY. SEC A2,B2 ECT FOR MAJORS OTHER THAN IN THE COLLEGE OF BUSINESS.  
8807005 A1 MWF 9:00-9:50  
MEETS: JAN 9-MAY 4  
8807010 A2 MWF 9:00-9:50  
MEETS: JAN 9-MAY 4  
8807015 B1 MWF 10:00-10:50  
MEETS: JAN 9-MAY 4  
8807020 B2 MWF 10:00-10:50  
MEETS: JAN 9-MAY 4  
8807025 C1 MWF 12:10-1:00  
MEETS: JAN 9-MAY 4  
8807030 C2 MWF 12:10-1:00  
MEETS: JAN 9-MAY 4  
8807035 D1 TR 8:00-9:20  
MEETS: JAN 9-MAY 4  
8807040 D2 TR 8:00-9:20  
MEETS: JAN 9-MAY 4  
8807045 E1 MW 3:40-5:00  
MEETS: JAN 9-MAY 4  
8807050 E2 MW 3:40-5:00  
MEETS: JAN 9-MAY 4  
8807055 F1 TR 9:30-10:50  
MEETS: JAN 9-MAY 4  
8807060 F2 TR 9:30-10:50  
MEETS: JAN 9-MAY 4  
8807065 G1 MWF 8:00-8:50  
MEETS: JAN 9-MAY 4  
8807070 G2 MWF 8:00-8:50  
MEETS: JAN 9-MAY 4

EXP DOMESTIC INTERN BUSAD 291A 1- 3 CREDITS  
Prereq: WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE  
Note: Department permission required.  
Satisfactory-Fail Only.  
6723020 QH ARRANGED  
MEETS: JAN 9-MAY 4  
6723005 RD ARRANGED  
MEETS: JAN 9-MAY 4  
6723015 TC ARRANGED  
MEETS: JAN 9-MAY 4

ENTREPRENSHP SEMINR BUSAD 292 1 CREDIT  
Prereq: MEMBERSHIP OR APPLIED FOR MEMBERSHIP TO ENTREPRENEURSHIP AND INNOVATION LEARNING COMMUNITY  
8304005 T 9:30-10:50  
MEETS: JAN 9-MAY 4

COOPERATIVE EDUC BUSAD 398 R CREDIT  
Prereq: PERMISSION OF DEPARTMENT  
Note: COURSE NOT OPEN TO GRADUATE STUDENTS PERMISSION OF KATHY WIELAND REQUIRED TO ADD.  
Satisfactory-Fail Only.  
6147005 A ARRANGED  
MEETS: JAN 9-MAY 4  
Note: College permission required - go to 1200 Gerdin.

BUSINESS ADMINISTRATION (CONTINUED)

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS  
Note: Instructor permission required.  
3635005 ARRANGED  
MEETS: JAN 9-MAY 4

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

EXP DOMESTIC INTERNS BUSAD 491A 1- 3 CREDITS  
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.  
Note: FOR SOPH AND ABOVE IN THE COLLEGE OF BUSINESS. Department permission required.  
Satisfactory-Fail Only.  
6722020 QH ARRANGED  
MEETS: JAN 9-MAY 4  
6722005 RD ARRANGED  
MEETS: JAN 9-MAY 4  
6722015 TC ARRANGED  
MEETS: JAN 9-MAY 4

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  
7533010 MP ARRANGED  
MEETS: JAN 9-MAY 4  
Note: Instructor permission required.

MBA PRO SKIL DEV II BUSAD 594 R CREDIT  
Prereq: 592  
Satisfactory-Fail Only.  
9425005 F 8:30-11:50 CRUM M  
MEETS: JAN 13-APRIL 6

COOPERATIVE EDUCATN BUSAD 598 R CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS Instructor permission required.  
Satisfactory-Fail Only.  
7906005 ARRANGED  
MEETS: JAN 9-MAY 4 PETERSON M

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

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

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

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

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

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

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

**CHEMICAL ENGINEERING**

LEARNING COMMUNITY CH E 104 R CREDIT  
Prereq: ENROLLMENT IN CH E LEARNING TEAM  
Satisfactory-Fail Only.  
3630005 A W 2:10-3:00  
MEETS: JAN 9-MAY 4  
3630010 B R 3:10-4:00  
MEETS: JAN 9-MAY 4

MATRL &ENERGY BALNC CH E 210 3 CREDITS  
Prereq: CHEM 178, MATH 166  
2429005 A MWF 3:10-4:00  
MEETS: JAN 9-MAY 4  
2429600 XE ARRANGED  
MEETS: JAN 9-MAY 4  
Note: LIVE VIEWING AVAILABLE MWF 3:10-4 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus Course delivery is Videostreaming Delivery fee \$300.00  
Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL ENGINEERING (CONTINUED)

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

COMPUT MTHDS CHEM E CH E 310 3 CREDITS  
 Prereq: 210 AND ENGR 160  
 Note: Available for nonmajor graduate credit  
 2104005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

CHEMICAL ENGR LAB I CH E 325 2 CREDITS  
 Prereq: 357, CREDIT OR ENROLLMENT IN 381  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 5699005 A TR 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$65.00  
 5699010 B TR 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$65.00

TRANSPRT PHENOMEN I CH E 356 3 CREDITS  
 Prereq: 210, PHYS 221, CR OR ENR IN MATH 267  
 Note: Available for nonmajor graduate credit  
 2435005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

TRANSPRT PHENOMN II CH E 357 3 CREDITS  
 Prereq: 356, CREDIT OR ENROLLMENT IN 310  
 Note: Available for nonmajor graduate credit  
 2436005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2436600 XE ARRANGED  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

SEPARATIONS CH E 358 3 CREDITS  
 Prereq: 310, 357  
 Note: Available for nonmajor graduate credit  
 2437005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

CH E THERMODYNAMICS CH E 381 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 310, MATH 267, PHYS 222, CHEM 325  
 Note: Available for nonmajor graduate credit  
 2438005 A MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

CHEMICAL REACTN ENGR CH E 382 3 CREDITS  
 Prereq: CR IN 310, 381, CR OR ENROLLMENT IN 357  
 Note: Available for nonmajor graduate credit  
 2439005 A MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

FOREIGN STDY ORIENT CH E 391 3 CREDITS  
 Note: Meets international perspectives reqmt  
 Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 7162010 SP T 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: STUDY ABROAD PREP: OVIEDO, SPAIN  
 Instructor permission required.

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: 298, PERMISSN OF DEPARTMT EACH TIME TAKEN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

BIOCHEMICAL ENGINEER CH E 415 3 CREDITS  
 Prereq: 357, 382 RECOMMENDED, CHEM 331  
 Note: Available for nonmajor graduate credit  
 2446005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

PROCESS CONTROL CH E 421 3 CREDITS  
 Prereq: CREDIT OR ENROLLMNT IN 358, 382, MATH 267  
 Note: Available for nonmajor graduate credit  
 2447005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

CHEMICAL ENGR LAB II CH E 426 2 CREDITS  
 Prereq: 325, 358, 382  
 Note: RESTRICTED TO CH E SENIORS GRADUATING SPRING 2012  
 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: JAN 9-MAY 4  
 Note: Materials fee \$70.00  
 2448010 B R 2:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$70.00

BIOLOGICAL ENGR LAB CH E 427 2 CREDITS  
 Prereq: 325, 358, 382, BBMB 301  
 Note: CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Available for nonmajor graduate credit  
 2107005 A R 2:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$90.00

PROCES&PLANT DESIGN CH E 430 4 CREDITS  
 Prereq: 358, 382  
 Note: Available for nonmajor graduate credit  
 2449005 A TR 9:00-9:50  
 TR 10:00-11:50  
 MEETS: JAN 9-MAY 4

POLYMERS & POLY ENGR CH E 447 3 CREDITS  
 Prereq: 382 AND CHEM 331 OR MAT E 351  
 Note: Available for nonmajor graduate credit  
 7146005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

UG RESRCH/IND STUDY CH E 490 1- 6 CREDITS  
 Prereq: PERMISSION OF DEPARTMENT  
 Note: NO MORE THAN 6 CREDITS OF CH E 490 MAY BE APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS CH E 490H 1- 6 CREDITS  
 Prereq: MEMBERSHIP IN THE HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY. NO MORE THAN 6 CREDITS OF CH E 490 MAY BE APPLIED TOWARDS GRADUATION AS TECHNICAL ELECTIVES.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

BIOCHEMICAL ENGINEER CH E 515 3 CREDITS  
 Prereq: 357, 382, CHEM 331  
 2136005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

POLYMERS & POLY ENGR CH E 547 3 CREDITS  
 Prereq: 382 AND CHEM 331 OR MAT E 351  
 9043005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

TURBULENCE CH E 572 3 CREDITS  
 Prereq: AER E 543 OR M E 538  
 7997005 TR 11:00-12:15  
 MEETS: JAN 9-MAY 4

ADV CH REACTOR DSGN CH E 587 3 CREDITS  
 Prereq: 382  
 2468005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY CH E 590 2- 6 CREDITS  
 2470002 AC ARRANGED CLAPP A  
 MEETS: JAN 9-MAY 4  
 2470003 AH ARRANGED HILLIER A  
 MEETS: JAN 9-MAY 4  
 2470005 BN ARRANGED NARASIMHAN B  
 MEETS: JAN 9-MAY 4  
 2470006 BS ARRANGED SHANKS B  
 MEETS: JAN 9-MAY 4  
 2470015 CG ARRANGED GLATZ C  
 MEETS: JAN 9-MAY 4  
 2470022 DR ARRANGED ROLLINS D  
 MEETS: JAN 9-MAY 4  
 2470024 DV ARRANGED VIGIL D  
 MEETS: JAN 9-MAY 4  
 2470026 EC ARRANGED COCHRAN E  
 MEETS: JAN 9-MAY 4  
 2470040 IS ARRANGED SCHNEIDER I  
 MEETS: JAN 9-MAY 4  
 2470050 JH ARRANGED HILL J  
 MEETS: JAN 9-MAY 4  
 2470051 JO ARRANGED O'DONNELL J  
 MEETS: JAN 9-MAY 4  
 2470052 JS ARRANGED SHANKS J  
 MEETS: JAN 9-MAY 4  
 2470055 KH ARRANGED HEBERT K  
 MEETS: JAN 9-MAY 4  
 2470057 KJ ARRANGED JOLLS K  
 MEETS: JAN 9-MAY 4  
 2470060 LJ ARRANGED JARBOE L  
 MEETS: JAN 9-MAY 4  
 2470064 MK ARRANGED KUSHNER M  
 MEETS: JAN 9-MAY 4  
 2470065 ML ARRANGED LAMM M  
 MEETS: JAN 9-MAY 4  
 2470080 PR ARRANGED REILLY P  
 MEETS: JAN 9-MAY 4  
 2470083 RB ARRANGED BROWN R  
 MEETS: JAN 9-MAY 4  
 2470084 RF ARRANGED FOX R  
 MEETS: JAN 9-MAY 4  
 2470089 SM ARRANGED MALLAPRAGADA S  
 MEETS: JAN 9-MAY 4  
 2470098 TW ARRANGED WHELOCK T  
 MEETS: JAN 9-MAY 4

CHEMICAL ENGINEERING (CONTINUED)

CREATIVE COMPONENT CH E 599 VAR. CREDITS  
 2478005 A ARRANGED  
 MEETS: JAN 9-MAY 4

SEMINAR CH E 601 R CREDIT  
 Satisfactory-Fail Only.  
 2479005 A R 11:00-11:50  
 MEETS: JAN 9-MAY 4

METABOLIC ENGINEER CH E 625 3 CREDITS  
 Prereq: 382, CHEM 331  
 2060005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

ENGINEER INTERNSHIP CH E 697 R CREDIT  
 Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF  
 2116005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

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.  
 4523010 MTWRF 12:10-1:00  
 MEETS: MARCH 5-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem50/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem50/syllabus.html>

RESRCH&CAREER OPPOR CHEM 110X 1 CREDIT  
 Satisfactory-Fail Only.  
 8862005 R 4:10-5:00  
 MEETS: JAN 9-MAY 4

CHEM IN MOD SOCIETY CHEM 160 3 CREDITS  
 2488005 TR 11:00-12:15  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem160/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem160/syllabus.html>

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS  
 Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY AND  
 EITHER CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR  
 ENROLLMENT IN 163L  
 Note: MUST BE ACCOMPANIED BY CHEM 163L UNLESS STUDENT  
 ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF  
 THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE  
 APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167,  
 CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE TO STUDENTS  
 ALSO REGISTERED.  
 2489005 1 MWF 9:00-9:50  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem163/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489010 2 MWF 9:00-9:50  
 R 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem163/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489015 3 MWF 9:00-9:50  
 R 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem163/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489020 4 MWF 9:00-9:50  
 R 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem163/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489025 5 MWF 9:00-9:50  
 R 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem163/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489030 6 MWF 9:00-9:50  
 R 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem163/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489035 7 MWF 9:00-9:50  
 R 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem163/>

CHEMISTRY (CONTINUED)

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS  
 /chem163/  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489040 8 MWF 9:00-9:50  
 R 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem163/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489045 9 MWF 9:00-9:50  
 R 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem163/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489050 10 MWF 9:00-9:50  
 R 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem163/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

GENERAL CHEM LAB I CHEM 163L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 163  
 Note: MUST BE ACCOMPANIED BY CHEM 163 UNLESS STUDENT  
 ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF  
 THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION:  
 CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L  
 2490005 1 M 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

2490010 2 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

2490015 3 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

2490020 4 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

2490025 5 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

2490030 6 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

2490035 7 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

2490040 8 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

2490045 9 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

2490050 10 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

2490055 11 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>

## CHEMISTRY

(CONTINUED)

GENERAL CHEM LAB I CHEM 163L 1 CREDIT  
/chem163l/  
Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

2490060 12 R 3:10-6:00PM  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$80.00

ENGNRS GENERAL CHEM CHEM 167 4 CREDITS  
Prereq: MATH 140 OR HIGH SCHOOL EQUIV AND ONE YEAR OF HIGH SCHOOL CHEM OR CHEM 50  
Note: RESTRICTED TO ENGR COLLEGE MAJORS OR OPEN. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.

2493005 1 MWF 11:00-11:50  
T 9:00-9:50  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem167/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>

2493010 2 MWF 11:00-11:50  
T 10:00-10:50  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem167/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>

2493015 3 MWF 11:00-11:50  
T 11:00-11:50  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem167/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>

2493020 4 MWF 11:00-11:50  
T 12:10-1:00  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem167/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>

2493025 5 MWF 11:00-11:50  
T 1:10-2:00  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem167/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>

2493030 6 MWF 11:00-11:50  
T 2:10-3:00  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem167/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>

2493035 7 MWF 11:00-11:50  
T 2:10-3:00  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem167/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>

ENGINR GEN CHEM LAB CHEM 167L 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN 167  
Note: COURSE RESTRICTED TO ENGR COLLEGE & LAS OPEN. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L.

2494005 1 M 12:10-3:00  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$80.00  
Section info: <http://avogadro.chem.iastate.edu/chem167l/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494010 2 M 3:10-6:00PM  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$80.00  
Section info: <http://avogadro.chem.iastate.edu/chem167l/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494015 3 T 12:10-3:00  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$80.00  
Section info: <http://avogadro.chem.iastate.edu/chem167l/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494020 4 T 3:10-6:00PM  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$80.00  
Section info: <http://avogadro.chem.iastate.edu/chem167l/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494025 5 W 12:10-3:00  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$80.00  
Section info: <http://avogadro.chem.iastate.edu/chem167l/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

## CHEMISTRY

(CONTINUED)

ENGINR GEN CHEM LAB CHEM 167L 1 CREDIT  
/syllabus.html

2494030 6 W 3:10-6:00PM  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$80.00  
Section info: <http://avogadro.chem.iastate.edu/chem167l/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494035 7 R 9:00-11:50  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$80.00  
Section info: <http://avogadro.chem.iastate.edu/chem167l/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494040 8 R 12:10-3:00  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$80.00  
Section info: <http://avogadro.chem.iastate.edu/chem167l/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494045 9 R 3:10-6:00PM  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$80.00  
Section info: <http://avogadro.chem.iastate.edu/chem167l/>  
Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

GENERAL CHEMISTRY I CHEM 177 4 CREDITS  
Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR 1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177L. CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.  
Note: CHEM 177 MUST BE ACCOMPANIED BY CHEM 177L UNLESS STUDENT ALREADY HAS CREDIT IN 177L. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.

2495010 1 MWF 12:10-1:00  
R 8:00-8:50  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495015 2 MWF 12:10-1:00  
R 8:00-8:50  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495020 3 MWF 12:10-1:00  
R 9:00-9:50  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495025 4 MWF 12:10-1:00  
R 9:00-9:50  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495030 5 MWF 12:10-1:00  
R 10:00-10:50  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495035 6 MWF 12:10-1:00  
R 10:00-10:50  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495040 7 MWF 12:10-1:00  
R 11:00-11:50  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495045 8 MWF 12:10-1:00  
R 11:00-11:50  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495050 9 MWF 12:10-1:00  
R 12:10-1:00  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495055 10 MWF 12:10-1:00  
R 12:10-1:00  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495060 11 MWF 12:10-1:00  
R 1:10-2:00  
MEETS: JAN 9-MAY 4  
Section info: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>



CHEMISTRY (CONTINUED)

CHEMISTRY (CONTINUED)

GENERAL CHEMISTRY I CHEM 177 4 CREDITS  
 /syllabus.html  
 2495065 12 MWF 12:10-1:00  
 R 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem177/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>  
 2495070 13 MWF 12:10-1:00  
 R 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2495075 14 MWF 12:10-1:00  
 R 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2495080 15 MWF 12:10-1:00  
 R 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 2495085 16 MWF 12:10-1:00  
 R 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 2495090 17 MWF 12:10-1:00  
 R 4:10-5:00  
 MEETS: JAN 9-MAY 4

LAB GENERAL CHEM I CHEM 177L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 177  
 Note: CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L.  
 2496005 1 M 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496010 2 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496015 3 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496020 4 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496025 5 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496030 6 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496035 7 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496040 8 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496045 9 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496050 10 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496055 11 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>

LAB GENERAL CHEM I CHEM 177L 1 CREDIT  
 /chem177l/  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496060 12 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496065 13 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496070 14 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496075 15 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>  
 2496080 16 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 2496085 17 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 2496090 18 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00

GENERAL CHEMISTRY II CHEM 178 3 CREDITS  
 Prereq: 177, 177L  
 Note: TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED THIS IS A 2-PART COURSE. REGISTER FOR NUMBERED SECT FIRST AND THEN LETTERED SECT. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION. Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.  
 2499005 1 F 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 2499010 2 F 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 2499015 3 F 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 2499020 4 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 2499025 5 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 2499030 6 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 2499035 7 F 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 2499040 8 F 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 2499045 9 F 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 2499050 10 F 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 2499055 11 F 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 2499060 12 F 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 2499065 13 F 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 2499070 14 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2499075 15 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2499080 16 F 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 2499085 17 F 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 2499090 18 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 2499095 19 F 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 2499100 20 F 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 2499105 21 F 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 2499110 22 F 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 2499115 23 F 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 2499125 24 F 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 2499130 25 F 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 2499135 26 F 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 2499140 27 F 1:10-2:00  
 MEETS: JAN 9-MAY 4

CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY II CHEM 178 3 CREDITS  
 2499145 28 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2499150 29 F 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 2499155 30 F 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 2499160 31 F 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 2499165 32 F 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 2499170 33 F 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 2499175 34 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 2499180 35 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2499185 36 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2499500 A MW 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 2499505 B MW 3:10-4:00  
 MEETS: JAN 9-MAY 4

LAB GENERAL CHEMIST CHEM 178L 1 CREDIT

Prereq: 177L AND CREDIT OR ENROLLMENT IN 178.  
 178L IS NOT A NECESSARY COREQUISITE WITH 178.  
 Note: MUST BE ACCOMPANIED BY OR HAVE CREDIT IN 178.  
 2500005 1 M 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500010 2 M 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500015 3 M 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500020 4 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500025 5 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500030 6 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500035 7 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SECTION 7 RESTRICTED TO HONORS STUDENTS ONLY  
 Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500040 8 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500045 9 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500050 10 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500055 11 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>

CHEMISTRY

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LAB GENERAL CHEMIST CHEM 178L 1 CREDIT  
 2500060 12 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500065 13 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500070 14 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500075 15 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500080 16 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500085 17 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500090 18 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500095 19 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500100 20 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500105 21 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500110 22 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500115 23 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500120 24 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500125 25 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>  
 2500130 26 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>

CHEMISTRY (CONTINUED)

CHEMISTRY (CONTINUED)

LAB GENERAL CHEMIST CHEM 178L 1 CREDIT  
 2500135 27 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem178/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500140 28 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500145 29 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500150 30 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00

QUANT&ENVIRO ANALYS CHEM 211 2 CREDITS  
 Prereq: 163 AND 163L, CREDIT OR ENROLLMNT IN 178, OR 201 AND 201L; AND CONCURRENT ENROLLMENT IN 211L  
 2503005 1 MW 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem211/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem211/syllabus.html>

QNT&ENVIRO ANALY LAB CHEM 211L 2 CREDITS  
 Prereq: 163, 163L, OR 178; CONCURRENT ENROLLMENT IN 211L  
 3678005 1 MW 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem211/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2111/syllabus.html>

3678010 2 MW 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem211/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2111/syllabus.html>

3678015 3 TR 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem211/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2111/syllabus.html>

3678020 4 TR 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem211/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2111/syllabus.html>

3678025 5 TR 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem211/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2111/syllabus.html>

ELEM ORGANIC CHEM CHEM 231 3 CREDITS  
 Prereq: 163,163L, OR 177,177L; CR OR ENR IN 231L  
 Note: CREDIT FOR EITHER CHEM 231 OR BEMB 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.  
 2504005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem231/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem231/syllabus.html>

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  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.  
 7900005 1 M 8:00-8:50  
 M 9:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem231/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT  
 7900010 2 M 12:10-1:00  
 M 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem231/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>

7900015 3 M 3:10-4:00  
 M 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem231/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>

7900020 4 T 9:00-9:50  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem231/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>

7900025 5 T 12:10-1:00  
 T 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem231/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>

7900030 6 T 3:10-4:00  
 T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem231/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>

7900035 7 W 8:00-8:50  
 W 9:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00  
 Section info: <http://avogadro.chem.iastate.edu/chem231/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>

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

INORGANIC CHEMISTRY CHEM 301 2 CREDITS  
 Note: Available for nonmajor graduate credit  
 2507005 MW 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem301/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem301/syllabus.html>

PHYSICAL CHEM LAB CHEM 321L 2 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 324 OR 325  
 Note: THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 Available for nonmajor graduate credit  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.  
 2511005 1 WF 2:10-3:00  
 TR 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem321/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem3211/syllabus.html>

2511010 2 WF 2:10-3:00  
 TR 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem321/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem3211/syllabus.html>

2511015 3 WF 2:10-3:00  
 TR 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem321/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem3211/syllabus.html>

CHEMISTRY (CONTINUED)

PHYSICAL CHEM LAB CHEM 322L 3 CREDITS  
 Prereq: 324  
 Note: THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. Available for nonmajor graduate credit  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.  
 2515005 1 WF 2:10-3:00  
 TR 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem322l/syllabus.html>  
 2515010 2 WF 2:10-3:00  
 TR 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem322l/syllabus.html>  
 2515015 3 WF 2:10-3:00  
 TR 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem322l/syllabus.html>

CHEMICAL THERMODYNAM CHEM 325 3 CREDITS  
 Prereq: 178, MATH 166, PHYS 222 RECOMMENDED  
 Note: Available for nonmajor graduate credit  
 5224005 1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem325/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem325/syllabus.html>  
 5224010 2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 FOR STUDENTS WHO HAVE TAKEN CHEM 324.  
 Section info: <http://avogadro.chem.iastate.edu/chem325/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem325/syllabus.html>

ORGANIC CHEMISTRY I CHEM 331 3 CREDITS  
 Prereq: 178 OR 201, ENROLLMENT IN 331L HIGHLY RECOMMENDED  
 Note: CREDIT FOR EITHER CHEM 331 (AND 331L) OR CHEM 231 (AND 231L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Available for nonmajor graduate credit  
 2516005 1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem331/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem331/syllabus.html>

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 331, 177L  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.  
 5270005 1 M 12:10-1:00  
 M 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem331l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>  
 5270010 2 M 3:10-4:00  
 M 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem331l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>  
 5270015 3 R 9:00-9:50  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem331l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>  
 5270020 4 R 12:10-1:00  
 R 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem331l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

CHEMISTRY (CONTINUED)

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT  
 5270025 5 R 3:10-4:00  
 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem331l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

ORGANIC CHEMISTRY II CHEM 332 3 CREDITS  
 Prereq: 331, ENROLLMENT IN 332L HIGHLY RECOMMENDED  
 Note: Available for nonmajor graduate credit  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.  
 2517005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem332/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem332/syllabus.html>  
 2517010 2 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem332/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem332/syllabus.html>

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT  
 Prereq: 331L, CREDIT OR ENROLLMENT FOR CREDIT IN 332  
 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>.  
 5272005 1 M 9:00-9:50  
 M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>  
 5272010 2 T 9:00-9:50  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>  
 5272015 3 W 9:00-9:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>  
 5272020 4 W 3:10-4:00  
 W 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>  
 5272025 5 R 9:00-9:50  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>  
 5272030 6 R 12:10-1:00  
 R 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>  
 5272035 7 R 3:40-4:30  
 R 4:40-6:30PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>  
 Cmptr reqmt: <http://>

LAB ORGANIC CHEM II CHEM 334L 2 CREDITS  
 Prereq: 333L, CR OR ENROLLMENT FOR CREDIT IN 332  
 Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 COURSE RESTRICTED TO AGBIO, BIOPH, BIOCH, CHEM MAJORS ONLY.  
 5645005 1 MW 12:10-1:00  
 MW 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem334l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem334l/>

CHEMISTRY (CONTINUED)

CHEMISTRY (CONTINUED)

LAB ORGANIC CHEM II CHEM 334L 2 CREDITS  
 /syllabus.html  
 5645010 2 MW 3:10-4:00  
 MW 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem334l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem334l/syllabus.html>

5645015 3 TR 3:10-4:00  
 TR 4:40-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 Section info: <http://avogadro.chem.iastate.edu/chem334l/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem334l/syllabus.html>

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

INDEPENDENT STUDY CHEM 490 VAR. CREDITS  
 Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION  
 Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION  
 2527005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

BIOINORGANIC CHEM CHEM 503 2 CREDITS  
 Prereq: 402 OR BBMB 405  
 2531005 TR 9:30-10:20  
 MEETS: JAN 9-MAY 4

PHYSICAL INORGANIC CHEM 505 3 CREDITS  
 Prereq: 402 OR 502, 324  
 2532005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

ANALYT SPECTROSCOPY CHEM 513 3 CREDITS  
 Prereq: 316, 316L, 324, 322L  
 2538005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

ORGANIC SYNTHESIS I CHEM 531 2 CREDITS  
 Prereq: 332  
 9267005 TR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem531/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem531/syllabus.html>

PHYS ORGANIC CHEM II CHEM 538 3 CREDITS  
 Prereq: 537  
 2543005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem538/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem538/syllabus.html>

SAFETY IN CHEM LAB CHEM 550 1 CREDIT  
 Prereq: 332L  
 Satisfactory-Fail Only.  
 4295005 TR 8:00-8:50  
 MEETS: JAN 9-MARCH 2  
 Section info: <http://avogadro.chem.iastate.edu/chem550/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem550/syllabus.html>

TEACHI COLLEGE CHEM CHEM 555 2 CREDITS  
 Prereq: GRADUATE OR SENIOR CLASSIFICATION  
 2546005 TR 12:40-1:30  
 MEETS: JAN 9-MAY 4

ATOMIC&MOLEC Q MECH CHEM 562 3 CREDITS  
 Prereq: 561, CREDIT OR ENROLLMENT IN 583  
 2549005 M 12:10-2:00  
 W 12:10-2:00  
 MEETS: FEB 6-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem562/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem562/syllabus.html>

STATISTCL MECHANICS CHEM 563 3 CREDITS  
 Prereq: 325  
 2550005 MW 10:00-11:20  
 MEETS: JAN 9-MAY 4  
 Section info: <http://avogadro.chem.iastate.edu/chem563/>  
 Syllabus: <http://avogadro.chem.iastate.edu/chem563/syllabus.html>

MASS SPECTROMETRY CHEM 577 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 2560005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

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

SEMINR INORGNC CHEM CHEM 600 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2563005 W 4:10-5:30  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.chem.iastate.edu/seminar.php>  
 Syllabus: <http://www.chem.iastate.edu/seminar.php>

SEL TOPC INORG CHEM CHEM 601 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 2564005 TR 11:00-11:50  
 MEETS: JAN 9-MARCH 2

SEMNR ANALYTIC CHEM CHEM 611 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2565005 F 2:30-4:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.chem.iastate.edu/seminar.php>  
 Syllabus: <http://www.chem.iastate.edu/seminar.php>

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2566005 F 1:10-2:30  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.chem.iastate.edu/seminar.php>  
 Syllabus: <http://www.chem.iastate.edu/seminar.php>

SEMNR PHYSICAL CHEM CHEM 660 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 2568005 F 4:10-5:30  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.chem.iastate.edu/seminar.php>  
 Syllabus: <http://www.chem.iastate.edu/seminar.php>

SPL TOP PHYSCL CHEM CHEM 667 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2012.  
 2573005 TR 2:10-4:00  
 MEETS: JAN 9-MAY 4

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

CHINESE

ELEM MANDRN CHIN II CHIN 102 5 CREDITS  
 Prereq: 101  
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
 Meets international perspectives reqmt  
 7374005 1 MTWRF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 7374010 2 MTWRF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

INTM MAND CHINES II CHIN 202 5 CREDITS  
 Prereq: 201  
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED.  
 Meets international perspectives reqmt  
 7768005 1 MTWRF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

INTRO CHINES CULTUR CHIN 272 3 CREDITS  
 Note: Meets international perspectives reqmt  
 8252005 1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

CHINESE FOR BUSINES CHIN 304 4 CREDITS  
 Prereq: CHIN 202 OR EQUIVALENT  
 7444005 1 TR 2:10-3:30, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 7444010 2 TR 4:10-5:30, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

CHINESE

(CONTINUED)

CHINA TODAY CHIN 375 3- 4 CREDITS  
 Prereq: ENGL 250 OR ENGL 105 OR EQUIVALENT  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012.  
 TOPIC: CONTEMPORARY CHINESE POPULAR CULTURE.  
 Meets international perspectives reqmt  
 5347005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

INDEPENDENT STUDY CHIN 490 1- 6 CREDITS  
 Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR  
 Note: Available for nonmajor graduate credit  
 Permission of department chair required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**CIVIL ENGINEERING**

INTRO CIVIL ENG PRO C E 105 1 CREDIT  
 4906005 W 3:10-4:00  
 MEETS: JAN 9-MAY 4

FUND OF SURVEYING I C E 111 3 CREDITS  
 Prereq: 160, CR OR ENR IN ENGR 170 OR C E 170,  
 MATH 165, CREDIT OR ENR IN C E 105 FOR C E MAJORS  
 Note: COURSE RESTRICTED TO C E AND CON E MAJORS ONLY.  
 7242005 1 MF 2:10-3:00  
 T 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 7242010 2 MF 2:10-3:00  
 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 7242015 3 MF 2:10-3:00  
 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 7242020 4 MF 2:10-3:00  
 R 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 7242025 5 MF 2:10-3:00  
 R 8:00-10:50  
 MEETS: JAN 9-MAY 4

ENGR PROB CMPUT LAB C E 160 3 CREDITS  
 Prereq: MATH 141, 142 OR SATISFACTORY SCORES  
 ON MATH PLACEMENT EXAMS; CR OR ENRLMT IN MATH 165  
 Note: COURSE RESTRICTED TO C E & CON E MAJORS ONLY.  
 2911005 1 MW 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 2911010 2 TR 3:10-5:00  
 MEETS: JAN 9-MAY 4

CIVIL ENGR GRAPHICS C E 170 2 CREDITS  
 Prereq: MATH 165, CREDIT OR ENROLLMENT IN C E 105  
 Note: COURSE RESTRICTED TO C E & CON E MAJORS ONLY.  
 3515005 1 TR 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 3515010 2 TR 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 3515015 3 MW 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 3515020 4 MW 3:10-5:00  
 MEETS: JAN 9-MAY 4

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

PROJECT MANAGMNT CE C E 306 3 CREDITS  
 Prereq: 206, CREDIT OR ENROLLMENT IN A TECHNICAL  
 COMMUNICATION ELECTIVE FROM THE APPROVED DEPT LIST  
 4943005 1 MW 4:00-5:00  
 R 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 4943010 2 MW 4:00-5:00  
 T 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 4943015 3 MW 4:00-5:00  
 R 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 4943020 4 MW 4:00-5:00  
 T 8:00-10:50  
 MEETS: JAN 9-MAY 4

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 10:00-10:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.public.iastate.edu/~tge/courses/ce326/homepage.html>  
 2284010 2 MF 10:00-10:50  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.public.iastate.edu/~tge/courses/ce326/homepage.html>  
 2284600 XE ARRANGED ELLIS T  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00

CIVIL ENGINEERING

(CONTINUED)

PRIN ENVIRONMT ENGR C E 326 3 CREDITS  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

STRUCTURAL ANALYS 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 MWF 1:10-2:00  
 W 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2285010 2 MWF 1:10-2:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2285015 3 MWF 8:00-8:50  
 W 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 2285020 4 MWF 8:00-8:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

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 MW 8:00-8:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 2286010 2 MW 8:00-8:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4

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 MWF 1:10-2:00  
 W 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 2287010 2 MWF 1:10-2:00  
 W 12:10-1:00  
 MEETS: JAN 9-MAY 4

INTRO TRANSPRT PLAN C E 350 3 CREDITS  
 Prereq: 3 CR IN STAT, JR CLASSIFICATION  
 Note: CREDIT IN C E 350 MAY NOT BE APPLIED TOWARD  
 GRADUATION BY STUDENTS IN CIVIL ENGINEERING  
 Available for nonmajor graduate credit  
 2289005 1 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

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 MAJORS ONLY.  
 Available for nonmajor graduate credit  
 2924005 1 MW 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

GEOTECHNICL ENGNRNG C E 360 3 CREDITS  
 Prereq: E M 324, CREDIT OR ENROLLMENT IN GEOL 201  
 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 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00  
 2291010 2 MF 12:10-1:00  
 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00  
 2291015 3 MF 12:10-1:00  
 R 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00  
 2291020 4 MF 12:10-1:00  
 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00  
 2291025 5 MF 12:10-1:00  
 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00  
 2291030 6 MF 12:10-1:00  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00

ENGR HYDROL&HYDRAUL C E 372 4 CREDITS  
 Prereq: E M 378, A COURSE IN STATISTICS FROM  
 THE APPROVED DEPARTMENT LIST  
 Note: Available for nonmajor graduate credit  
 2293005 1 MWF 9:00-9:50  
 T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 2293010 2 MWF 9:00-9:50  
 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGINEERING (CONTINUED)

DESIGN OF CONCRETES C E 382 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 360  
 Note: Available for nonmajor graduate credit  
 2294005 1 MF 2:10-3:00  
 T 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00  
 2294010 2 MF 2:10-3:00  
 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00  
 2294015 3 MF 2:10-3:00  
 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00  
 2294020 4 MF 2:10-3:00  
 R 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00

DSGN PORTLAND CEMNT C E 383 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 360.  
 FOR CON E STUDENTS ONLY.  
 9480005 1 W 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00  
 9480010 2 R 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$40.00

ENGINEER INTERNSHIP C E 397 R CREDIT  
 Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

PROG&OUTCOME ASSESS C E 403 R CREDIT  
 Prereq: VERIFICATION OF UNDERGRAD APPLICATION FOR  
 GRADUATION BY THE END OF THE FIRST WEEK OF CLASS,  
 INSTR PERMISSION FOR STUDENTS GRADUATING SUMMER.  
 Note: COURSE RESTRICTED TO STUDENTS GRADUATING SPRING  
 2012.  
 Satisfactory-Fail Only.  
 7351005 1 M 5:10-6:00PM  
 MEETS: MARCH 5-MAY 4

LAND SURVEYING C E 417 3 CREDITS  
 Prereq: 111  
 Note: Available for nonmajor graduate credit  
 7565005 1 MF 10:00-10:50  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

WASTEWTR TREATM DSN C E 428 3 CREDITS  
 Prereq: 326  
 6106005 1 MWF 8:00-8:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

BRIDGE DESIGN C E 446 3 CREDITS  
 Prereq: 333, 334  
 Note: Available for nonmajor graduate credit  
 2300005 1 MW 3:10-5:00  
 MEETS: JAN 9-MAY 4

HIGHWAY DESIGN C E 453 3 CREDITS  
 Prereq: 306, 355, 372, 382  
 Note: Available for nonmajor graduate credit  
 2302005 1 MWF 9:00-9:50  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 2302010 2 MWF 9:00-9:50  
 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

FOUNDATION ENGINEER C E 460 3 CREDITS  
 Prereq: 360  
 Note: Available for nonmajor graduate credit  
 2303005 1 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

GEOMATERIAL STABLIZ C E 467 3 CREDITS  
 Prereq: 360  
 Note: Available for nonmajor graduate credit  
 9166005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

CIVIL ENGR DESIGN I C E 485 3 CREDITS  
 Prereq: 306, 326, 333 OR 334, 355, SP CM 212  
 Note: COURSE RESTRICTED TO SENIORS GRADUATING FALL '11  
 2131005 1 MF 12:10-1:00  
 T 11:00-1:00  
 MEETS: JAN 9-MAY 4  
 2131010 2 MF 12:10-1:00  
 T 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 2131015 3 MF 12:10-1:00  
 T 3:10-5:00  
 MEETS: JAN 9-MAY 4

CIVIL ENG DESIGN II C E 486 3 CREDITS  
 Prereq: 326, 333 OR 334, 382; CREDIT OR  
 ENROLLMENT IN 428 OR 453, AND 485  
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING  
 2012.  
 9481005 1 M 11:00-11:50  
 R 11:00-2:00  
 MEETS: JAN 9-MAY 4  
 9481010 2 M 11:00-11:50  
 F 11:00-2:00  
 MEETS: JAN 9-MAY 4

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 UNIVERSTY HONORS STUDENTS  
 ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

CONSTR ENGR&MANAGMT C E 502 3 CREDITS  
 Prereq: CON E 221, 421  
 8715005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 8715600 XE ARRANGED GRANSBERG D  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

DESIGN CONSTRUC SYS C E 505 3 CREDITS  
 Prereq: 334, 360, CON E 322 AND 340  
 1947600 XE ARRANGED JAHREN C  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

RAILROAD ENGINEERIN C E 515 3 CREDITS  
 Prereq: 355  
 2502005 ARRANGED  
 MEETS: JAN 9-MAY 4

WTR POLL CNTRL PROC C E 522 3 CREDITS  
 Prereq: 521  
 2320005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

PHY-CHEM TREAT PROC C E 523 3 CREDITS  
 Prereq: 520  
 2321005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

AIR POLLUT AIR QUAL C E 524A 1 CREDIT  
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR  
 IN STAT; SENIOR OR ABOVE CLASSIFICATION  
 8097005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

AIR POLLUT &CLIMATE C E 524B 1 CREDIT  
 Prereq: 524A; PHYS 221 OR CHEM 178; MATH 166 OR  
 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION  
 1964005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

AIR POLLUT TREATMNT C E 524D 1 CREDIT  
 Prereq: 524B; PHYS 221 OR CHEM 178; MATH 166 OR  
 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION  
 2558005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

AIR POLLUT AG SOURC C E 524E 1 CREDIT  
 Prereq: 524B; PHYS 221 OR CHEM 178; MATH 166 OR  
 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION  
 2676005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

STRUCT STEEL DSN II C E 533 3 CREDITS  
 Prereq: 333  
 2331005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGINEERING (CONTINUED)

PRESTRESS CONCR STR C E 535 3 CREDITS  
 Prereq: 334  
 2328005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

STRUC ANLY FIN ELEM C E 542 3 CREDITS  
 Prereq: 532  
 2324005 1 MW 11:00-1:00  
 MEETS: JAN 9-MAY 4

TRAFFIC SAFETY,OPER C E 552 3 CREDITS  
 Prereq: 355  
 2335005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

TRANSPRT DATA ANALY C E 556 3 CREDITS  
 Prereq: 355, STAT 101 OR 105  
 5105005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

APPL FOUNDATN ENGR C E 561 3 CREDITS  
 Prereq: 460  
 2367005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

GEOMATERIAL STABLIZ C E 567 3 CREDITS  
 Prereq: 360,565  
 1945005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

SURFC WTR HYDROLOGY C E 571 3 CREDITS  
 Prereq: 372  
 2343005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

ENVIRONMENTAL FLOWS C E 576 3 CREDITS  
 Prereq: E M 378 OR EQUIVALENT  
 5109005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV ASPHALT MATERLS C E 586 3 CREDITS  
 Prereq: 382  
 1075005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

SPECIAL TOPICS C E 590 1- 5 CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENVIR ENGR C E 591 R CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 1658005 1 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Cmpt reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

SPL TOP PROJ CNTRL S C E 594E 1 CREDIT  
 Prereq: CON E 322, CON E 340 OR C E 306, AND  
 PERMISSION OF INSTRUCTOR  
 2970005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 2970600 XE ARRANGED JAHREN C  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$100.00  
 Cmpt reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

SPL TOP CPR&PRJ CTL C E 594F 1 CREDIT  
 Prereq: CON E 322, CON E 340 OR C E 306, AND  
 PERMISSION OF INSTRUCTOR  
 2979005 1 R 5:10-8:00PM  
 MEETS: JAN 9-MAY 4  
 2979600 XE ARRANGED JAHREN C  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE R 5:10-8 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$100.00  
 Cmpt reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

CREATIVE COMPONENT C E 599 1- 3 CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

ENGINEER INTERNSHIP C E 697 R CREDIT  
 Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF  
 Note: Department permission required.  
 Satisfactory-Fail Only.  
 7416005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Cmpt reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

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

**CLASSICAL STUDIES**

THE ANCIENT CITY CL ST 275 3 CREDITS  
 Note: Meets international perspectives reqmt  
 4315005 1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

HERITG ANCIENT WRLD CL ST 304 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 7113005 TR 9:30-10:50 HOLLANDER D  
 MEETS: JAN 9-MAY 4

RHETORICAL TRADITNS CL ST 350 3 CREDITS  
 Prereq: ENGL 250 OR ENGL 105  
 2176005 A1 TR 2:10-3:30 GOSSETT K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTICTED TO ENGL, TCOMM MAJORS ONLY.  
 2176010 A2 TR 2:10-3:30 GOSSETT K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

WM&MEN ANC MEDITRNN CL ST 374 3 CREDITS  
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR  
 GREEK  
 Note: Meets international perspectives reqmt  
 8164005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

ROMAN CIVILIZATION CL ST 403 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 Available for nonmajor graduate credit  
 2590005 TR 12:40-2:00 HOLLANDER D  
 MEETS: JAN 9-MAY 4

SEMINAR CLASSICL ST CL ST 480 3 CREDITS  
 Prereq: 30 CREDITS IN CL ST OR RELATED COURSES,  
 PERMISSION OF PROGRAM CHAIR  
 Note: TOPIC: CLASSICAL ARCHAEOLOGY: THE ROMAN  
 EMPIRE  
 2662005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

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

**COMMUNICATION DISORDERS**

BASIC SIGN LANGUAGE CMDIS 286 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 2612600 XW ARRANGED VENKATAGIRI H  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

PHONETICS&PHONOLOGY CMDIS 371 3 CREDITS  
 Prereq: 275 OR ENGL 219  
 2610600 XW ARRANGED VENKATAGIRI H  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

**COMMUNICATION STUDIES**

INTRO COMMUNIC STDI COMST 101 3 CREDITS  
 7918005 1 MWF 11:00-11:50 BLANKENSHIP K  
 MEETS: JAN 9-MAY 4

INTRO INTERPRS COMM COMST 102 3 CREDITS  
 Note: SEC 1A,2A RESTRICTED TO COMST MAJORS ONLY.  
 SEC 1B,2B FOR MAJORS OTHER THAN COMS.  
 8105005 1A TR 9:30-10:50 REDMOND M  
 MEETS: JAN 9-MAY 4  
 8105010 1B TR 9:30-10:50 REDMOND M  
 MEETS: JAN 9-MAY 4  
 8105015 2A TR 8:00-9:20 RUBLE R  
 MEETS: JAN 9-MAY 4  
 8105020 2B TR 8:00-9:20 RUBLE R  
 MEETS: JAN 9-MAY 4

INTRO COM RSRCH MTD COMST 203 3 CREDITS  
 Note: COURSE RESTRICTED TO COMST MAJORS.  
 5123005 1 TR 2:10-3:30 RUBLE R  
 MEETS: JAN 9-MAY 4  
 5123010 2 TR 12:40-2:00 SWEET D  
 MEETS: JAN 9-MAY 4



COMMUNICATION STUDIES

(CONTINUED)

PROFESSIONAL COMMUNIC COMST 214 3 CREDITS  
 9183005 1 TR 9:30-10:50 RUBLE R  
 MEETS: JAN 9-MAY 4  
 9183600 XW ARRANGED HARMS J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

CONFLICT MANAGEMENT COMST 218 3 CREDITS  
 7314005 1 TR 2:10-3:25 VRCHOTA D  
 MEETS: JAN 9-MAY 4

HUMAN COMMUNIC THRY COMST 301 3 CREDITS  
 Prereq: 101  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 6593005 1 MWF 10:00-10:50 TYE-WILLIAMS S  
 MEETS: JAN 9-MAY 4

INTERCULTURAL COMM COMST 310 3 CREDITS  
 Prereq: 101, 102, 203, 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 Meets international perspectives reqmt  
 7934005 1 TR 8:00-9:20 JENKS T  
 MEETS: JAN 9-MAY 4

RELATIONAL COMMUNIC COMST 311 3 CREDITS  
 Prereq: 101, 102, 203, 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY.  
 6428005 1 TR 12:40-2:00 REDMOND M  
 MEETS: JAN 9-MAY 4

ORGANIZATIONAL COMM COMST 314 3 CREDITS  
 Prereq: 101, 102, 203, 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 6431005 1 MWF 9:00-9:50 TYE-WILLIAMS S  
 MEETS: JAN 9-MAY 4

SMALL GROUP COMM COMST 317 3 CREDITS  
 Prereq: 101, 102, 203, 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 6433005 1 TR 3:40-5:00 JENKS T  
 MEETS: JAN 9-MAY 4

COMM TRAINING&DEVEL COMST 319 3 CREDITS  
 Prereq: 101, 102, 203, 301  
 2362005 1 TR 11:00-12:20 VRCHOTA D  
 MEETS: JAN 9-MAY 4

GENDER & COMMUNICTN COMST 323 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 3339005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 3339010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

NONVERBAL COMMUNIC COMST 325 3 CREDITS  
 Prereq: 101, 102, 203, 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY  
 3920005 1 TR 9:30-10:50 SWEET D  
 MEETS: JAN 9-MAY 4

CMPTR-MEDIATED COMM COMST 330 3 CREDITS  
 Prereq: 101, 102, 203, 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY.  
 2385005 TR 2:10-3:30 AIST G  
 MEETS: JAN 9-MAY 4

APPLD ORGZL CMUNICT COMST 384X 3 CREDITS  
 Prereq: 101 OR 102 OR EQUIVALENT COURSE  
 Note: CREDITS IN COMST 384X MAY NOT BE APPLIED TOWARD  
 DEGREE REQUIREMENTS FOR THE MAJOR  
 8989600 XW ARRANGED HARMS J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

RESEARCH SEMINAR COMST 404 3 CREDITS  
 Prereq: 301 PLUS 9 ADDITIONAL CREDITS OF 300  
 LEVEL COMST COURSES  
 2298005 1 TR 2:10-3:30 RUBLE R  
 MEETS: JAN 9-MAY 4  
 2298010 2 MWF 12:10-1:00 TYE-WILLIAMS S  
 MEETS: JAN 9-MAY 4  
 2298015 3 MWF 12:10-1:00 VOGEL D  
 MEETS: JAN 9-MAY 4

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

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

COMMUNICATION STUDIES

(CONTINUED)

RESEARCH SEMINAR COMST 504 3 CREDITS  
 Prereq: GRADUATE STANDING, INSTRUCTOR PERMISSION  
 4421005 1 TR 2:10-3:30 RUBLE R  
 MEETS: JAN 9-MAY 4  
 4421010 2 MWF 12:10-1:00 VOGEL D  
 MEETS: JAN 9-MAY 4

SPECIAL TOPICS COMST 590 1- 4 CREDITS  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**COMMUNITY & REGIONAL PLANNING**

FORCES SHAP METRO E C R P 270 3 CREDITS  
 Prereq: MUST BE TAKEN PRIOR TO COMPLETING 9  
 CREDITS IN C R P  
 Note: Meets U.S. diversity reqmt  
 2382005 A MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

PLANNING TECHNIQ II C R P 274 3 CREDITS  
 Prereq: 272  
 9482005 A TR 12:40-1:30  
 T 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 9482010 B TR 12:40-1:30  
 R 8:00-9:20  
 MEETS: JAN 9-MAY 4

URBAN FORM C R P 320 3 CREDITS  
 Prereq: 253 OR 270, OR PERMISSION OF INSTRUCTOR  
 8073005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

PRACTICUM C R P 330 1- 3 CREDITS  
 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING  
 Satisfactory-Fail Only.  
 2386005 ARRANGED  
 MEETS: JAN 9-MAY 4

COMMU PLAN STUDIO I C R P 332 4 CREDITS  
 Prereq: 253, 274  
 2399005 MWF 3:10-5:00  
 MEETS: JAN 9-MAY 4

PLAN PROCESS THEORY C R P 383 3 CREDITS  
 Prereq: 253, JUNIOR STATUS  
 2388005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

FIELD TRAVEL C R P 391 1- 2 CREDITS  
 Prereq: C R P MAJOR, PERMISSION OF ADVISER  
 Note: COURSE OFFERED FOR 1 CREDITS SPRING 2012.  
 Satisfactory-Fail Only.  
 2402005 W 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$700.00

PRO WORK EXPERIENCE C R P 410 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT CHAIR  
 2710005 ARRANGED  
 MEETS: JAN 9-MAY 4

URBAN REVITALIZATN C R P 417 3 CREDITS  
 Prereq: 253 OR 270  
 7569005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

INTERNATNL PLANNING C R P 429 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 2988005 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

CMUNTY PLAN STDO II C R P 432 4 CREDITS  
 Prereq: 332, 383  
 2391005 A TR 2:10-5:20  
 MEETS: JAN 9-MAY 4

SITE DEVELOPMENT C R P 442 3 CREDITS  
 Prereq: 253, 272  
 8760005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

INTRO GEOG INFO SYS C R P 451 3 CREDITS  
 9410005 A TR 9:00-9:50  
 T 11:00-12:40  
 MEETS: JAN 9-MAY 4  
 9410010 B TR 9:00-9:50  
 R 11:00-12:40  
 MEETS: JAN 9-MAY 4

GEOG DATA MGT&ANALY C R P 452 3 CREDITS  
 Prereq: 451 OR EQUIVALENT  
 5205005 MW 10:00-11:50  
 MEETS: JAN 9-MAY 4

COMMUNITY & REGIONAL PLANNING (CONTINUED)

COMMUNITY & REGIONAL PLANNING (CONTINUED)

FUND REMOTE SENSING C R P 454X 3 CREDITS  
 9367005 TR 10:00-11:50  
 MEETS: JAN 9-MAY 4

REGIONAL&STATE PLAN C R P 481 3 CREDITS  
 Prereq: 253 OR 270  
 2387005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

SUSTAINABLE COMMUNT C R P 484 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 7041005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

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

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

ENVIRONMTL LAW&PLAN C R P 491 3 CREDITS  
 Prereq: 6 CREDITS IN NATURAL SCIENCES  
 2396005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

SR PLANNING SEMINAR C R P 494 1- 3 CREDITS  
 Prereq: SR CLASSIF, CREDIT OR ENROLLMENT IN 332  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012.  
 2403005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

PORTFOLIO DEV&RVIEW C R P 498 1 CREDIT  
 Prereq: TAKE DURING FINAL SEM OF PLANNING PROGRAM  
 2418005 M 1:10-2:00  
 MEETS: JAN 9-MAY 4

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

URBAN REVITALIZATN C R P 517 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 7839005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

MIDDLE EAST CITIES C R P 519 3 CREDITS  
 Prereq: GRADUATE OR SENIOR STANDING  
 Note: Meets international perspectives reqmt  
 8950005 1 R 4:10-6:40PM  
 MEETS: JAN 9-MAY 4

INTERNATNL PLANNING C R P 529 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 2404005 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.public.iastate.edu/%7efowusu/courses.html>

PRACTICUM C R P 530 1- 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION IN C R P  
 Satisfactory-Fail Only.  
 2405005 ARRANGED  
 MEETS: JAN 9-MAY 4

SITE DEVELOPMENT C R P 542 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 8759005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

INTRO GEOG INFO SYS C R P 551 3 CREDITS  
 1985005 A MW 9:00-9:50  
 W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 1985010 B MW 9:00-9:50  
 W 3:10-5:00  
 MEETS: JAN 9-MAY 4

GEOG DATA MGT &PLAN C R P 552 3 CREDITS  
 Prereq: 551 OR INSTRUCTOR PERMISSION  
 5209005 MW 10:00-11:50  
 MEETS: JAN 9-MAY 4

ANALYTICAL PLAN/GIS C R P 553 3 CREDITS  
 Prereq: 451/551  
 8184005 MW 8:00-9:50  
 MEETS: JAN 9-MAY 4

FUND REMOTE SENSING C R P 554X 3 CREDITS  
 9369005 TR 10:00-11:50  
 MEETS: JAN 9-MAY 4

PLAN THRY FOR PRCTC C R P 561 3 CREDITS  
 2410005 TR 11:00-12:30  
 MEETS: JAN 9-MAY 4

PLANNING & DEVELPMT C R P 568 3 CREDITS  
 Prereq: 564 OR EQUIVALENT  
 2018005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

REGIONAL&STATE PLAN C R P 581 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 2413005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

SUSTAINBLE COMMUNIT C R P 584 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 7043005 TR 2:10-3:20  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

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

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

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

ENVIRONMTL LAW&PLAN C R P 591 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 2426005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

SEMINAR GIS APP/RES C R P 595 1 CREDIT  
 Prereq: 9 CREDITS IN GIS CERTIFICATE PROGRAM  
 Satisfactory-Fail Only.  
 5571005 M 12:10-1:00  
 MEETS: JAN 9-MAY 4

COMMUNITY & REGIONAL PLANNING (CONTINUED)

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

CAPSTONE STUDIO C R P 698 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 2019005 MWF 1:10-5:00  
 MEETS: JAN 9-MAY 4

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

**COMMUNITY DEVELOPMENT**

CMUNT&NAT RESRC MGT C DEV 502 3 CREDITS  
 8469600 XG ARRANGED  
 MEETS: JAN 11-MAY 4  
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Instructor permission required.  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

COMM&RG ECON ANLY I C DEV 506 3 CREDITS  
 8608600 XG ARRANGED  
 MEETS: JAN 9-APRIL 28  
 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

BLDG NATIVE COMMUNITY C DEV 509 3 CREDITS  
 7439600 XG ARRANGED  
 MEETS: JAN 12-MAY 4  
 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

ORIENT CMUNITY DEVEL C DEV 520 1 CREDIT  
 8539600 XG ARRANGED  
 MEETS: JAN 11-MAY 4  
 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

HOUSING &DEVEL PROG C DEV 521X 3 CREDITS  
 7222600 XG ARRANGED  
 MEETS: JAN 11-MAY 4  
 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

IMMIGR&CMUNITY INCLU C DEV 526 3 CREDITS  
 9164600 XF ARRANGED FLORA C  
 MEETS: JAN 17-MAY 4  
 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  
 Cmptr reqmt: http://www.agde.iastate.edu/support  
 /comp.reqs.php

9164605 XH ARRANGED FLORA C  
 MEETS: JAN 17-MAY 4  
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Tuition Category: GPIDEA Consortium  
 Section XH is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: http://www.agde.iastate.edu/support  
 /comp.reqs.php

9164610 XW ARRANGED FLORA C  
 MEETS: JAN 17-MAY 4  
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Tuition Category: GPIDEA Consortium  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: http://www.agde.iastate.edu/support  
 /comp.reqs.php

COMMUNITY DEVELOPMENT (CONTINUED)

EVALUAT ORG&PROGRAM C DEV 528 3 CREDITS  
 Prereq: 504 WITH GRADE OF C OR BETTER  
 9190600 XG ARRANGED  
 MEETS: JAN 11-MAY 4  
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Course delivery is WWW  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

SPL TOP CMNTY DVLPT C DEV 590X 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 9495600 XF ARRANGED FLORA C  
 MEETS: JAN 9-MAY 4  
 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 Independent study  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: http://www.agde.iastate.edu/support  
 /comp.reqs.php

CREATIVE COMPONENT C DEV 599 VAR. CREDITS  
 2349600 XF ARRANGED FLORA C  
 MEETS: JAN 9-MAY 4  
 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 Independent study  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: http://www.agde.iastate.edu/support  
 /comp.reqs.php

THESIS RESEARCH C DEV 699 1- 6 CREDITS  
 8981600 XF ARRANGED FLORA C  
 MEETS: JAN 9-MAY 4  
 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 Independent study  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: http://www.agde.iastate.edu/support  
 /comp.reqs.php

**COMPUTER ENGINEERING**

INTR CMPTR SECURITY CPR E 131 1 CREDIT  
 Satisfactory-Fail Only.  
 3482005 A MW 11:00-11:50  
 MEETS: JAN 9-MARCH 2  
 3482010 B MW 11:00-11:50  
 MEETS: MARCH 5-MAY 4

PRO PROG ORIENTATN CPR E 166 R CREDIT  
 Note: COURSE RESTRICTED TO E E & CPR E MAJORS ONLY.  
 DISCUSSIONS WILL MEET EVERY OTHER WEEK.  
 2292005 A T 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 2292010 B T 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 2292015 C T 3:10-4:30  
 MEETS: JAN 9-MAY 4  
 2292020 D T 3:10-4:30  
 MEETS: JAN 9-MAY 4

INTRO PROBLM SOLV I CPR E 185 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MATH 141  
 Note: COURSE RESTRICTED TO CPR E, ENGR, E E AND  
 S E MAJORS ONLY.  
 3878005 A MW 9:00-9:50  
 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 3878010 B MW 9:00-9:50  
 F 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 3878015 C MW 9:00-9:50  
 T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

INTR PROBLM SOLV II CPR E 186 1 CREDIT  
 Prereq: 185  
 6238005 A W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6238010 B W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 6238015 C W 2:10-4:00  
 MEETS: JAN 9-MAY 4

TRANSFER ORIENTATIO CPR E 261 R CREDIT  
 Satisfactory-Fail Only.  
 9198005 T 11:00-11:50  
 MEETS: JAN 9-MAY 4

COMPUTER ENGINEERING

(CONTINUED)

COMPUTER ENGINEERING

(CONTINUED)

DIG LOGC,PROCSR,P I CPR E 281 4 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 7321005 A MWF 9:00-9:50  
 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 7321010 B MWF 9:00-9:50  
 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 7321015 C MWF 9:00-9:50  
 R 4:10-7:00PM  
 MEETS: JAN 9-MAY 4  
 7321020 D MWF 9:00-9:50  
 F 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 7321025 E MWF 9:00-9:50  
 M 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 7321030 F MWF 9:00-9:50  
 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 7321035 G MWF 9:00-9:50  
 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 7321034 J MWF 9:00-9:50  
 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

EMBEDDE SYS I:INTRO CPR E 288 4 CREDITS  
 Prereq: 281, COM S 207 OR 227  
 3364005 A TR 9:30-10:50  
 T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 3364010 B TR 9:30-10:50  
 T 6:10-8:00PM  
 MEETS: JAN 9-MAY 4  
 3364015 C TR 9:30-10:50  
 F 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 3364020 D TR 9:30-10:50  
 F 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 3364025 E TR 9:30-10:50  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 3364030 F TR 9:30-10:50  
 W 12:10-2:00  
 MEETS: JAN 9-MAY 4

PROGRAM DISCOVERY CPR E 294 R CREDIT  
 Prereq: 166 OR E E 166  
 Satisfactory-Fail Only.  
 5337005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

OPERAT SYS:PRIN&PRA CPR E 308 4 CREDITS  
 Prereq: 381, 310  
 Note: Available for nonmajor graduate credit  
 2036005 A MWF 9:00-9:50  
 T 11:00-1:50  
 MEETS: JAN 9-MAY 4  
 2036010 B MWF 9:00-9:50  
 W 10:00-12:50  
 MEETS: JAN 9-MAY 4  
 2036015 C MWF 9:00-9:50  
 R 11:00-1:50  
 MEETS: JAN 9-MAY 4  
 2036020 D MWF 9:00-9:50  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

THEORET FOUND CPR E CPR E 310 3 CREDITS  
 Prereq: CREDIT OR ENRLMT IN CPR E 288, COM S 228  
 9240005 A TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

CPR E ALGORITHM APPS CPR E 315X 3 CREDITS  
 Prereq: 310  
 Note: Available for nonmajor graduate credit  
 2112005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

INTGRATED ELECTRNCS CPR E 330 4 CREDITS  
 Prereq: E E 201, CREDIT OR ENROLLMENT IN E E 230, CPR E 281  
 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  
 2311005 A MWF 9:00-9:50  
 T 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 2311010 B MWF 9:00-9:50  
 R 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 2311015 C MWF 9:00-9:50  
 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 2311020 D MWF 9:00-9:50  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

SFTWR ARCHIT&DSIGN CPR E 339 3 CREDITS  
 Prereq: S E 319  
 Note: Available for nonmajor graduate credit  
 6834005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

TOYING WITH TECHNOL CPR E 370 3 CREDITS  
 Prereq: C I 201  
 5941005 A TR 1:10-3:00  
 MEETS: JAN 9-MAY 4

CPTR ORG &ASMB PROG CPR E 381 4 CREDITS  
 Prereq: 281  
 6769005 A MWF 9:00-9:50  
 W 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 6769010 B MWF 9:00-9:50  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6769015 C MWF 9:00-9:50  
 F 10:00-11:50  
 MEETS: JAN 9-MAY 4

PROGRAM EXPLORATION CPR E 394 R CREDIT  
 Prereq: 294 OR E E 294  
 Note: COURSE RESTRICT TO JUNIORS AND SENIORS Satisfactory-Fail Only.  
 5388005 ARRANGED  
 MEETS: JAN 9-MAY 4

ENGINEER INTERNSHIP CPR E 397 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

INTR PARALLEL ALG&P CPR E 426 4 CREDITS  
 Prereq: 308 OR COM S 321, COM S 311  
 Note: Available for nonmajor graduate credit  
 1152005 TR 4:10-5:30, ARRANGED  
 MEETS: JAN 9-MAY 4

INFO SYSTM SECURITY CPR E 431 3 CREDITS  
 Prereq: CREDIT OR ENR IN CPR E 489 OR COM S 454  
 Note: Available for nonmajor graduate credit  
 8650005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

ANLOG VLSI CIRC DSN CPR E 435 4 CREDITS  
 Prereq: 330, E E 332, E E 324, AND EITHER E E 322 OR STAT 330  
 Note: Available for nonmajor graduate credit  
 2330005 A MWF 10:00-10:50  
 W 11:00-2:00  
 MEETS: JAN 9-MAY 4  
 2330010 B MWF 10:00-10:50  
 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 2330015 C MWF 10:00-10:50  
 R 11:00-2:00  
 MEETS: JAN 9-MAY 4

DISTRB SYS&MIDDLWRE CPR E 450 3 CREDITS  
 Prereq: 308 OR COM S 352  
 Note: Available for nonmajor graduate credit  
 8512005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 8512600 XE ARRANGED GUAN Y  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

DIST&NETWK OPER SYS CPR E 454 3 CREDITS  
 Prereq: COM S 311, 352, ENGL 250 OR ENGL 105, SP CM 212  
 Note: Available for nonmajor graduate credit  
 7291005 TR 2:10-3:30 RUAN L  
 MEETS: JAN 9-MAY 4

MULTIDISC ENGR DSGN CPR E 466 3 CREDITS  
 Prereq: STUDENT MUST BE WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR  
 1899005 A T 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

COMPUTER ENGINEERING (CONTINUED)

COMPUTER ENGINEERING (CONTINUED)

GRAPHCS PROCSS&ARCH CPR E 480X 4 CREDITS  
 Prereq: 381 OR COM S 321  
 Note: Available for nonmajor graduate credit  
 2261005 A MWF 2:10-3:00  
 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 2261010 B MWF 2:10-3:00  
 W 9:00-11:50  
 MEETS: JAN 9-MAY 4

EMBEDDED SYS DESIGN CPR E 488 4 CREDITS  
 Prereq: 381 OR COM S 321  
 Note: Available for nonmajor graduate credit  
 8156005 A TR 12:40-2:00  
 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 8156010 B TR 12:40-2:00  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 8156015 C TR 12:40-2:00  
 R 4:10-7:00PM  
 MEETS: JAN 9-MAY 4

CPTR NTRWK&DATA COM CPR E 489 4 CREDITS  
 Prereq: 381 OR E E 324  
 Note: Available for nonmajor graduate credit  
 2771005 A TR 11:00-12:20  
 T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 2771010 B TR 11:00-12:20  
 W 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 2771015 C TR 11:00-12:20  
 F 1:10-3:00  
 MEETS: JAN 9-MAY 4

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

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

SR DESGN PROJ I&PRO CPR 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, ENGL 314  
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR  
 AND ABOVE  
 Instructor permission required 1st week.  
 2765005 T 2:10-4:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$55.00

SR DESIGN PROJCT II CPR E 492 2 CREDITS  
 Prereq: 491  
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR  
 AND ABOVE  
 1659005 R 2:10-3:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$55.00

PORTFOLIO ASSESSMNT CPR E 494 R CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 491  
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR  
 AND ABOVE  
 2279005 A W 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2279010 B W 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 2279015 C R 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 2279020 D R 4:10-5:00  
 MEETS: JAN 9-MAY 4

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

DSN CMOS PHS-L LOOP CPR E 506 4 CREDITS  
 Prereq: E E 435 OR E E 501 OR INSTRCTR APPROVAL  
 9161005 A MWF 2:10-3:00  
 T 1:10-4:00  
 MEETS: JAN 9-MAY 4  
 9161010 B MWF 2:10-3:00  
 T 4:10-7:00PM  
 MEETS: JAN 9-MAY 4  
 9161015 C MWF 2:10-3:00  
 W 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 9161600 XE ARRANGED NEIHART N  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$400.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

COGNV RADIO NTRWRKS CPR E 522X 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 2272005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 2272600 XE ARRANGED KAMAL A  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

INTR PARALLEL ALG&P CPR E 526 4 CREDITS  
 Prereq: 308 OR COM S 321, COM S 311  
 7540005 TR 4:10-5:30, ARRANGED  
 MEETS: JAN 9-MAY 4

PROBLSTC MTHD CPR E CPR E 528 3 CREDITS  
 Prereq: COM S 311  
 8172005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

ADV PROTCL&NT SECUR CPR E 530 3 CREDITS  
 Prereq: 381  
 2777600 XE ARRANGED JACOBSON D  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

INFO SYSTM SECURITY CPR E 531 3 CREDITS  
 Prereq: 489 OR 530 OR COM S 586 OR MIS 535  
 4537600 XE ARRANGED DANIELS T  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

INFORMATION WARFARE CPR E 532 3 CREDITS  
 Prereq: 531  
 2989005 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 2989600 XE ARRANGED JACOBSON D  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 8-9:20 AM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

CRYPTOGRAPHY CPR E 533 3 CREDITS  
 Prereq: MATH 301 OR CPR E 310 OR COM S 330  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
 6193005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 6193600 XE ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 1:10-2 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

INFO ASSUR LEGAL&ET CPR E 534 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION, 531  
 Note: RESTRICTED TO E CPE, COM S, INFAS, LOMIS  
 SCIS GRAD STUDENTS ONLY  
 2620005 A W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 2620600 XW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE W 6-9 PM OR STUDENTS HAVE  
 THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

STEGANOG&DGT FORNSC CPR E 535 3 CREDITS  
 Prereq: MATH 307 OR COM S 330 OR E E 524  
 8510005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 8510600 XE ARRANGED DAVIDSON J  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

COMPUTER ENGINEERING (CONTINUED)

WIRELESS NTWK SECUR CPR E 537 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 489 OR 530  
 6961005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 6961600 XE ARRANGED AMARIUCAI G  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

FAULT-TOLERANT SYST CPR E 545 3 CREDITS  
 Prereq: 381  
 1079600 XE ARRANGED SOMANI A  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

WIRELESS&SENSOR NTWK CPR E 546 3 CREDITS  
 Prereq: 489 OR 530  
 8653005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

DISTRB SYS&MIDDLWRE CPR E 550 3 CREDITS  
 Prereq: 308 OR COM S 352  
 8515005 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 8515600 XE ARRANGED GUAN Y  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

DIST&NETWK OPER SYS CPR E 554 3 CREDITS  
 Prereq: COM S 311, 352  
 7292005 TR 2:10-3:30 RUAN L  
 MEETS: JAN 9-MAY 4

SCALABLE SFTWR ENGR CPR E 556 3 CREDITS  
 Prereq: COM S 309  
 1134005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 1134600 XE ARRANGED KOTHARI S  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

COMP FUNC GENOM&BIO CPR E 570 3 CREDITS  
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208  
 OR 228, GEN 411, STAT 430  
 3471005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 3471010 2 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

COMPUTATNL PERCEPTN CPR E 575 3 CREDITS  
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN  
 ARRANGED  
 5237005 MEETS: JAN 9-MAY 4  
 5237600 XE ARRANGED STOYTCHEV A  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

CPR SYS PERFORMANCE CPR E 582 3 CREDITS  
 Prereq: 381, 310 AND STAT 330  
 2779005 MW 4:10-5:30  
 MEETS: JAN 9-MAY 4

MDL&TCHNQ EMBED SYS CPR E 584 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN 588  
 4367005 A T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

COMPUTER ENGINEERING (CONTINUED)

EMBEDDED CMPTR SYST CPR E 588 3 CREDITS  
 Prereq: 308  
 Note: RESTRICTED TO E CPE, COM S, GRAD STUDENTS ONLY  
 2783005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 2783600 XE ARRANGED ROVER D  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 11 AM-12:20 PM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

SPECIAL TOPICS CPR E 590 1- 6 CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CMPUTR ENGR CPR E 592 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: RESTRICTED TO E CPE, E E, COM S, AND INFAS  
 GRAD STUDENTS  
 3546005 AS ARRANGED  
 MEETS: JAN 9-MAY 4  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

3546010 SK ARRANGED  
 MEETS: JAN 9-MAY 4

3546015 YG ARRANGED  
 MEETS: JAN 9-MAY 4

CREATIVE COMPONENT CPR E 599 VAR. CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INFO ASSUR CAPSTONE CPR E 632 3 CREDITS  
 Prereq: 531, 532, 534  
 8104005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

8104600 XA ARRANGED JACOBSON D  
 MEETS: JAN 9-MAY 4  
 Note: Section XA is off campus  
 Course delivery is Independent study  
 Delivery fee \$60.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

ENGINEERG INTERNSHP CPR E 697 R CREDIT  
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF  
 STUDENT SERVICES.  
 Satisfactory-Fail Only.  
 7420005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

RESEARCH CPR E 699 VAR. CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**COMPUTER SCIENCE**

ORIENTATION COM S 101 R CREDIT  
 Satisfactory-Fail Only.  
 2672005 T 12:40-2:00 CAIN G  
 MEETS: JAN 9-MARCH 2  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

COMPUTER APPLICATNS COM S 103 4 CREDITS  
 Note: ALL SECTIONS MUST ATTEND LAB FIRST WEEK OF THE  
 SEMESTER FOR ORIENTATION IN 0109 PEARSON.  
 FOR MORE INFORMATION PLEASE GO TO THE COMPUTER  
 WEBSITE.  
 2673005 1 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 1  
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 9,  
 10:00-10:50 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: [http://www.cs.iastate.edu/~cs103page  
 /index.html](http://www.cs.iastate.edu/~cs103page/index.html)

2673010 2 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 2  
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 9,  
 12:10-1:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: [http://www.cs.iastate.edu/~cs103page  
 /index.html](http://www.cs.iastate.edu/~cs103page/index.html)

2673015 3 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 3  
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 9,  
 3:10-4:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: [http://www.cs.iastate.edu/~cs103page  
 /index.html](http://www.cs.iastate.edu/~cs103page/index.html)

2673020 4 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 4  
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 9.

COMPUTER SCIENCE (CONTINUED)

COMPUTER APPLICATNS COM S 103 4 CREDITS  
 5:10-6:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673025 5 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 5 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 9, 6:00-6:50 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673030 6 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 6 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 10, 10:00-10:50 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673035 7 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 7 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 10, 12:10-1:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673040 8 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 8 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 10, 3:10-4:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673045 9 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 9 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 10, 5:10-6:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673600 XW ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$200.00

2673050 10 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 10 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 10, 6:10-7:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673055 11 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 11 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 11, 10:00-10:50 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673060 12 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 12 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 11, 12:10-1:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673065 13 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 13 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 11, 2:10-3:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673070 14 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 14 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 11, 5:10-6:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673075 15 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 15 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 11, 6:10-7:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

COMPUTER SCIENCE (CONTINUED)

INTRO TO COMPUTERS COM S 104 2 CREDITS  
 2995005 1 MW 4:10-5:00 MING H  
 F 4:10-5:00 MING H  
 R 4:10-6:00PM MING H  
 MEETS: JAN 9-MARCH 2

2995010 2 MW 4:10-5:00 MING H  
 F 4:10-5:00 MING H  
 F 10:00-11:50 MING H  
 MEETS: JAN 9-MARCH 2

2995015 3 MW 4:10-5:00 MING H  
 F 4:10-5:00 MING H  
 R 4:10-6:00PM MING H  
 MEETS: MARCH 5-MAY 4

2995020 4 MW 4:10-5:00 MING H  
 F 4:10-5:00 MING H  
 R 8:00-9:50 MING H  
 MEETS: MARCH 5-MAY 4

2995025 5 MW 4:10-5:00 MING H  
 F 4:10-5:00 MING H  
 F 10:00-11:50 MING H  
 MEETS: MARCH 5-MAY 4

2995030 6 MW 4:10-5:00 MING H  
 F 4:10-5:00 MING H  
 F 2:10-4:00 MING H  
 MEETS: MARCH 5-MAY 4

APP COMPUTER PROGRAM COM S 107 3 CREDITS  
 2674005 ARRANGED XIAO L  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs107>

COBOL PROGRAMMING COM S 201 3 CREDITS  
 Prereq: 107 OR 207 OR 227  
 Note: ALL SECTIONS MUST ATTEND LAB FIRST WEEK OF THE SEMESTER FOR ORIENTATION IN 0109 PEARSON. FOR MORE INFORMATION PLEASE GO TO THE COMPUTER SCIENCE WEBSITE.

2675005 1 ARRANGED CHANG S  
 MEETS: JAN 9-MAY 4  
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 1 IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 14, 2:10-3:00 IN 0109 PEARSON HALL.  
 Course delivery is WWW  
 Section info: <http://www.cs.iastate.edu/~cs201>

CAREERS IN COM SCI COM S 203 R CREDIT  
 Note: COURSE RESTRICTED TO P CS, COM S MAJORS ONLY  
 Satisfactory-Fail Only.

2682005 R 12:40-2:00 CAIN G  
 MEETS: JAN 9-MARCH 2

FUND CPTR PROGRAMNG COM S 207 3 CREDITS  
 Prereq: MATH 150 OR PLACEMENT INTO MATH 140/141/142 OR HIGHER  
 Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.

9235005 1 MWF 12:10-1:00  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4

9235010 2 MWF 12:10-1:00  
 W 4:10-5:00  
 MEETS: JAN 9-MAY 4

9235015 3 MWF 12:10-1:00  
 W 2:10-3:00  
 MEETS: JAN 9-MAY 4

9235020 4 MWF 12:10-1:00  
 T 2:10-3:00  
 MEETS: JAN 9-MAY 4

INTMEDT CPTR PROGRAM COM S 208 3 CREDITS  
 Prereq: 207, CREDIT OR ENROLLMENT IN MATH 151, 160, OR 165  
 Note: CREDIT FOR COM S 208 MAY NOT BE APPLIED TOWARD GRADUATION IN THE MAJORS OF COMPUTER SCIENCE, SOFTWARE ENGINEERING, OR COMPUTER ENGINEERING

9236005 MWF 1:10-2:00 MITRA S  
 W 2:10-3:00 MITRA S  
 MEETS: JAN 9-MAY 4

INTR OBJT ORIEN PRG COM S 227 4 CREDITS  
 Note: CREDIT FOR EITHER COM S 227 OR COM S 207, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 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.  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.

9237100 A MWF 9:00-9:50 KAUTZ S  
 MEETS: JAN 9-MAY 4

9237105 B MWF 1:10-2:00 SONG G  
 MEETS: JAN 9-MAY 4

9237005 1 T 10:00-11:50 KAUTZ S  
 MEETS: JAN 9-MAY 4

9237010 2 T 12:10-2:00 KAUTZ S  
 MEETS: JAN 9-MAY 4

9237015 3 W 8:00-9:50 KAUTZ S  
 MEETS: JAN 9-MAY 4

9237020 4 T 2:10-4:00 KAUTZ S  
 MEETS: JAN 9-MAY 4

9237025 5 R 12:10-2:00 KAUTZ S  
 MEETS: JAN 9-MAY 4

COMPUTER SCIENCE

(CONTINUED)

INTR OBJT ORIEN PRG COM S 227 4 CREDITS  
 9237030 6 W 2:10-4:00 KAUTZ S  
 MEETS: JAN 9-MAY 4  
 9237035 7 W 4:10-6:00PM KAUTZ S  
 MEETS: JAN 9-MAY 4  
 9237040 8 M 2:10-4:00 KAUTZ S  
 MEETS: JAN 9-MAY 4  
 9237045 9 W 10:00-11:50 KAUTZ S  
 MEETS: JAN 9-MAY 4  
 9237050 10 R 10:00-11:50 KAUTZ S  
 MEETS: JAN 9-MAY 4  
 9237055 11 R 2:10-4:00 KAUTZ S  
 MEETS: JAN 9-MAY 4  
 9237060 12 M 12:10-2:00 KAUTZ S  
 MEETS: JAN 9-MAY 4

INTRO DATA STRUCTUR COM S 228 3 CREDITS  
 Prereq: C- OR BETTER IN 227, CREDIT OR ENROLLMENT  
 IN MATH 165  
 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.  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.

9238100 A MWF 11:00-11:50 FERNANDEZ-BACA D  
 MEETS: JAN 9-MAY 4  
 9238105 B MWF 12:10-1:00 JIA Y  
 MEETS: JAN 9-MAY 4  
 9238005 1 R 10:00-10:50 FERNANDEZ-BACA D  
 MEETS: JAN 9-MAY 4  
 9238010 2 R 2:10-3:00 FERNANDEZ-BACA D  
 MEETS: JAN 9-MAY 4  
 9238015 3 R 1:10-2:00 FERNANDEZ-BACA D  
 MEETS: JAN 9-MAY 4  
 9238020 4 R 4:10-5:00 FERNANDEZ-BACA D  
 MEETS: JAN 9-MAY 4

ADV PROGRAMM TCHNQ COM S 229 3 CREDITS  
 Prereq: 228, CREDIT OR ENROLLMENT IN MATH 166  
 2454005 1 MWF 12:10-1:00 LATHROP J  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY COM S 290 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 2680005 ARRANGED  
 MEETS: JAN 9-MAY 4

INDEP STUDY HONORS COM S 290H VAR. CREDITS  
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP  
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS  
 ONLY.  
 Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 2681005 ARRANGED  
 MEETS: JAN 9-MAY 4

SOFTWR DEV PRACTCES COM S 309 3 CREDITS  
 Prereq: 228 WITH C- OR BETTER  
 Note: Available for nonmajor graduate credit  
 4438005 1 TR 9:30-10:50 MITRA S  
 T 11:00-11:50 MITRA S  
 MEETS: JAN 9-MAY 4  
 4438010 2 TR 9:30-10:50 MITRA S  
 T 1:10-2:00 MITRA S  
 MEETS: JAN 9-MAY 4

DSN&ANALYSIS ALGRTH COM S 311 3 CREDITS  
 Prereq: 228 WITH C- OR BETTER, MATH 166,  
 ENGL 250, AND COM S 330 OR CPR E 310  
 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.  
 Available for nonmajor graduate credit  
 2683100 A MWF 1:10-2:00 EULENSTEIN O  
 MEETS: JAN 9-MAY 4  
 2683005 1 T 12:10-1:00 EULENSTEIN O  
 MEETS: JAN 9-MAY 4

INTR CPTR ARCH&MACH COM S 321 3 CREDITS  
 Prereq: 228, CPR E 281, ENGL 250  
 Note: Available for nonmajor graduate credit  
 2684005 1 MWF 10:00-10:50 PRABHU G  
 R 12:10-1:00 PRABHU G  
 MEETS: JAN 9-MAY 4  
 2684010 2 MWF 10:00-10:50 PRABHU G  
 T 1:10-2:00 PRABHU G  
 MEETS: JAN 9-MAY 4

DISCRETE CMP STRUCT COM S 330 3 CREDITS  
 Prereq: 228, MATH 166, AND ENGL 250 OR ENGL 105  
 Note: Available for nonmajor graduate credit  
 2685005 1 MWF 1:10-2:00 CHAUDHURI S  
 R 10:00-10:50 CHAUDHURI S  
 MEETS: JAN 9-MAY 4  
 2685010 2 MWF 1:10-2:00 CHAUDHURI S  
 R 2:10-3:00 CHAUDHURI S  
 MEETS: JAN 9-MAY 4

COMPUTER SCIENCE

(CONTINUED)

THEORY OF COMPUTING COM S 331 3 CREDITS  
 Prereq: 228, 330 OR CPR E 310, MATH 166,  
 ENGL 250 OR ENGL 105  
 Note: Available for nonmajor graduate credit  
 2686005 1 MWF 9:00-9:50 ZHANG T  
 T 9:00-9:50 ZHANG T  
 MEETS: JAN 9-MAY 4  
 2686010 2 MWF 9:00-9:50 ZHANG T  
 T 1:10-2:00 ZHANG T  
 MEETS: JAN 9-MAY 4

INTRO CMPTR GRPHICS COM S 336X 3 CREDITS  
 Prereq: 229; MATH 307 OR MATH 317  
 7905005 TR 11:00-12:20 KAUTZ S  
 MEETS: JAN 9-MAY 4

PRIN PROGR LANGUAGS COM S 342 3 CREDITS  
 Prereq: 321; 330 OR CPR E 310; EITHER 309, 362  
 OR 363; ENGL 250 OR ENGL 105  
 Note: Available for nonmajor graduate credit  
 2687005 1 TR 2:10-3:30 RAJAN H  
 W 9:00-9:50 RAJAN H  
 MEETS: JAN 9-MAY 4  
 2687015 2 TR 2:10-3:30 RAJAN H  
 W 4:10-5:00 RAJAN H  
 MEETS: JAN 9-MAY 4

NUMBER THEORY COM S 350 3 CREDITS  
 Prereq: MATH 166  
 Note: Available for nonmajor graduate credit  
 5790005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

INTRO OPERATING SYS COM S 352 3 CREDITS  
 Prereq: 321, 229, ENGL 250 OR ENGL 105  
 Note: Available for nonmajor graduate credit  
 2688005 1 MWF 2:10-3:00 ZHANG W  
 R 1:10-2:00 ZHANG W  
 MEETS: JAN 9-MAY 4

OBJCT-ORIEN ANALY&D COM S 362 3 CREDITS  
 Prereq: 228 WITH C- OR BETTER, ENGL 250 OR  
 ENGL 105  
 Note: Available for nonmajor graduate credit  
 2622005 MWF 11:00-11:50 MILLER L  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUCATN COM S 398 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT CHAIR  
 2691005 ARRANGED CAIN G  
 MEETS: JAN 9-MAY 4

SOFTWARE TESTING COM S 417 3 CREDITS  
 Prereq: 309, 319, ENGL 250 OR ENGL 105, SP CM 212  
 Note: Available for nonmajor graduate credit  
 2712005 TR 12:40-2:00 MITRA S  
 MEETS: JAN 9-MAY 4

INTR CMPTNL GEOMETRY COM S 418 3 CREDITS  
 Prereq: 311 OR INSTRUCTOR PERMISSION  
 Note: Available for nonmajor graduate credit  
 5952005 TR 9:30-10:50 JIA Y  
 MEETS: JAN 9-MAY 4

INTR PARALLEL ALG&P COM S 426 4 CREDITS  
 Prereq: CPR E 308 OR COM S 321, COM S 311  
 Note: Available for nonmajor graduate credit  
 1150005 TR 4:10-5:30, ARRANGED  
 MEETS: JAN 9-MAY 4

MODL NANO SLF-ASSMB COM S 433 3 CREDITS  
 Prereq: 331 OR CONSENT OF INSTRUCTOR  
 Note: Available for nonmajor graduate credit  
 8228005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

CPTR GAME&MDIA PROG COM S 437X 3 CREDITS  
 Prereq: 362, 321, AND 336X OR PERMISSION OF  
 INSTRUCTOR  
 Note: Available for nonmajor graduate credit  
 6399005 MWF 11:00-11:50 LATHROP J  
 MEETS: JAN 9-MAY 4

DIST&NETWK OPER SYS COM S 454 3 CREDITS  
 Prereq: 311, 352, ENGL 250 ENGL 105, SP CM 212  
 Note: Available for nonmajor graduate credit  
 2696005 TR 2:10-3:30 RUAN L  
 MEETS: JAN 9-MAY 4

NUMRC MTHDS DIFF EQ COM S 481 3 CREDITS  
 Prereq: MATH 265 AND EITHER 266 OR 267;  
 KNOWLEDGE OF A PROGRAMMING LANGUAGE  
 Note: Available for nonmajor graduate credit  
 2699005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4



COMPUTER SCIENCE (CONTINUED)

COMPUTER SCIENCE (CONTINUED)

FUND CMPTR NETWORKNG COM S 486 3 CREDITS  
 Prereq: 352  
 Note: Available for nonmajor graduate credit  
 5060005 TR 11:00-12:20 WONG J  
 MEETS: JAN 9-MAY 4

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

INDEP 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. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.  
 Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTR CMPNTL GEOMETRY COM S 518 3 CREDITS  
 Prereq: 311 OR PERMISSION OF INSTRUCTOR  
 5866005 TR 9:30-10:50 JIA Y  
 MEETS: JAN 9-MAY 4

INTR PARALLEL ALG&P COM S 526 4 CREDITS  
 Prereq: CPR E 308 OR COM S 321, COM S 311  
 3006005 TR 4:10-5:30, ARRANGED  
 MEETS: JAN 9-MAY 4

THEORY OF COMPUTATN COM S 531 3 CREDITS  
 Prereq: 331  
 2709005 MWF 11:00-11:50 ADURI P  
 MEETS: JAN 9-MAY 4

MODL NANO SLF-ASSMB COM S 533 3 CREDITS  
 Prereq: 331 OR CONSENT OF INSTRUCTOR  
 8241005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

PRIN OPERAT SYSTEMS COM S 552 3 CREDITS  
 Prereq: 352  
 2713005 ARRANGED  
 MEETS: JAN 9-MAY 4 ZHANG W

DIST&NETWK OPER SYS COM S 554 3 CREDITS  
 Prereq: 311, 352  
 2714005 TR 2:10-3:30 RUAN L  
 MEETS: JAN 9-MAY 4

ANLY ALG STOCH MODL COM S 556 3 CREDITS  
 Prereq: 331, MATH 307, AND STAT 330  
 3877005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

IMPLEM DATABASE SYS COM S 562 3 CREDITS  
 Prereq: 461 OR 561  
 7907005 TR 11:00-12:30 GADIA S  
 MEETS: JAN 9-MAY 4

ADV GENOME INFORMTC COM S 568 3 CREDITS  
 Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430,  
 CREDIT OR ENROLLMENT IN GEN 411  
 3310005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

COMP FUNC GENOM&BIO COM S 570 3 CREDITS  
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208  
 OR 228, GEN 411, STAT 430  
 3313005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 3313010 2 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

MACHINE LEARNING COM S 573 3 CREDITS  
 Prereq: 311, 362, STAT 330  
 2660005 MWF 10:00-10:50 TIAN J  
 MEETS: JAN 9-MAY 4

COMPUTATNL PERCEPTN COM S 575 3 CREDITS  
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN  
 3246005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 3246600 XE ARRANGED STOYTCHEV A  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

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

RESEARCH COLLOQUIA COM S 592 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 8406005 R 3:40-5:00 HUANG X  
 MEETS: JAN 9-MAY 4

GRADUATE INTERNSHIP COM S 598 R CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 5627005 ARRANGED HUANG X  
 MEETS: JAN 9-MAY 4

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

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

THEORY GAMES,UNCERT COM S 634 3 CREDITS  
 Prereq: 330  
 8149005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOP LANG SMANTC COM S 641 3 CREDITS  
 Prereq: 531, 541  
 2725005 ARRANGED ZHANG T  
 MEETS: JAN 9-MAY 4

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

**CONSTRUCTION ENGINEERING**

ORIEN LEARNING&TEAM CON E 112 2 CREDITS  
 9199005 1 W 9:00-10:50  
 MEETS: JAN 9-MAY 4

DEV LEARNRS&LEADERS CON E 114 2 CREDITS  
 Prereq: NREM 112  
 9200005 1 W 4:10-6:00PM WIERSEMA J  
 MEETS: JAN 9-MAY 4

ORIENT TO PRO LIFE CON E 122 1 CREDIT  
 5269005 1 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO FRESHMAN ONLY  
 5269010 2 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 RESTRICTED TO TRANSFER STUDENTS

CONTRACTR ORG & MGT CON E 221 4 CREDITS  
 Prereq: COMPLETION OF BASIC PROGRAM  
 7610005 1 MTWR 11:00-11:50  
 MEETS: JAN 9-MAY 4

CONSTR MATLS&METHDS CON E 241 3 CREDITS  
 Prereq: 222  
 Note: COURSE RESTRICTED TO CON E MAJORS ONLY  
 2730005 1 MW 12:10-1:00  
 R 8:00-10:50  
 MEETS: JAN 9-MAY 4

MECH/ELEC MTRLS&MTH CON E 251 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 241  
 2377005 1 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

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

CON EQUIP&HVY C MTH CON E 322 3 CREDITS  
 Prereq: 241  
 Note: Available for nonmajor graduate credit  
 2737005 1 T 12:10-2:00  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4

CONCRET&STEEL CONST CON E 340 3 CREDITS  
 Prereq: E M 324, CREDIT OR ENROLLMT IN CON E 322  
 Note: Available for nonmajor graduate credit  
 2741005 1 MW 5:10-6:00PM  
 R 5:10-7:00PM  
 MEETS: JAN 9-MAY 4

CONSTRUCTION ENGINEERING (CONTINUED)

MECHAN SYS IN BLDGS CON E 352 3 CREDITS  
 Prereq: 251, PHYS 222  
 Note: Available for nonmajor graduate credit  
 5313005 MW 1:10-2:00  
 R 3:10-5:00  
 MEETS: JAN 9-MAY 4

ELECTR SYS IN BLDGS CON E 353 2 CREDITS  
 Prereq: PHYS 222 AND CREDIT OR ENROLLMENT IN CON E 352  
 Note: Available for nonmajor graduate credit  
 5317005 MWF 10:00-10:50  
 MEETS: JAN 9-MARCH 30

ENGINEERING LAW CON E 380 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 5102600 XE ARRANGED BECKER T  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 5102005 1A MW 3:10-4:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO CON E MAJORS ONLY  
 5102010 1B MW 4:10-5:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B FOR MAJORS OTHER THAN CON E

ENGR INTERNSHIP CON E 397 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

CONSTRUC ESTIMATING CON E 421 3 CREDITS  
 Prereq: 241, JUNIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 2734005 1 MW 4:10-5:00  
 T 12:10-3:00  
 MEETS: JAN 9-MAY 4

CON PLAN,SCHED,CNTL CON E 441 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 421  
 Note: Available for nonmajor graduate credit  
 2742005 1 MW 11:00-11:50  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4

CONSTRUC E DESIGN I CON E 487 3 CREDITS  
 Prereq: 340 (B,H), 352 (B,E,M), 353 (B,E,M), 421, 441. STUDENT MUST BE WITHIN TWO SEMESTERS OF GRADUATING.  
 7639005 1 MF 12:10-1:00  
 T 3:10-5:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 7639010 2 MF 12:10-1:00  
 T 11:00-1:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 7639015 3 MW 12:10-1:00  
 T 1:10-3:00, ARRANGED  
 MEETS: JAN 9-MAY 4

CON ENGR DESIGN II CON E 488 3 CREDITS  
 Prereq: 380. CONCURRENT ENROLLMENT IN 487.  
 7524005 1 M 9:00-9:50  
 M 10:00-10:50  
 WF 9:00-10:50  
 MEETS: JAN 9-MAY 4

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

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

**CRIMINAL JUSTICE STUDIES**

AMER JUDICIAL PROC CJ ST 320 3 CREDITS  
 Prereq: POL S 215  
 2577005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.  
 2577010 B TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN POL S.

CRIMINAL JUSTICE STUDIES (CONTINUED)

PHILOSOPHY OF LAW CJ ST 332 3 CREDITS  
 Prereq: PHIL 201 OR 230  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 2578005 MWF 11:00-11:50 HOLMGREN M  
 MEETS: JAN 9-MAY 4

DEVIANT & CRIM BEHAV CJ ST 340 3 CREDITS  
 Prereq: SOC 130 OR 134  
 2579005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

CRIMINOLOGY CJ ST 341 3 CREDITS  
 Prereq: SOC 130 OR 134  
 3175005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

POLICE AND SOCIETY CJ ST 351 3 CREDITS  
 Prereq: 240 OR 241  
 7751005 T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

PNISH,CORECTN&SOCIE CJ ST 352 3 CREDITS  
 Prereq: 240 OR 241  
 7762005 A TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

WHITE-COLLAR CRIME CJ ST 402 3 CREDITS  
 Prereq: 240 OR 241  
 8482005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

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. NO CREDITS IN SOC/CJ ST 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.  
 Satisfactory-Fail Only.  
 2581005 ARRANGED  
 MEETS: JAN 9-MAY 4

**CURRICULUM & INSTRUCTION**

DIGITAL LEARN PK-6 C I 201 3 CREDITS  
 3015005 1 TR 11:00-11:50  
 M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SECT 1 RESTRICTED TO EL ED MAJORS ONLY  
 Materials and equipment use fee \$25.00

3015010 2 TR 11:00-11:50  
 M 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SECT 2 RESTRICTED TO EL ED MAJORS ONLY  
 Materials and equipment use fee \$25.00

3015015 3 TR 11:00-11:50  
 T 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SECT 3 RESTRICTED TO EL ED MAJORS ONLY  
 Materials and equipment use fee \$25.00

3015020 4 TR 11:00-11:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SECT 4 RESTRICTED TO EL ED MAJORS ONLY  
 Materials and equipment use fee \$25.00

3015025 5 TR 11:00-11:50  
 W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SECT 5 RESTRICTED TO ECE MAJORS ONLY  
 Materials and equipment use fee \$25.00

3015030 6 TR 11:00-11:50  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SECT 6 RESTRICTED TO EL ED MAJORS ONLY  
 Materials and equipment use fee \$25.00

DIGITAL LEARN 7-12 C I 202 3 CREDITS  
 Note: COURSE RESTRICTED TO SECED MAJORS ONLY  
 2464005 1 TR 2:10-3:00  
 M 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

2464010 2 TR 2:10-3:00  
 M 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

2464015 3 TR 2:10-3:00  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

2464020 4 TR 2:10-3:00  
 T 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

EXPLOR MATH&SC TCHG C I 203X 1 CREDIT  
 Satisfactory-Fail Only.  
 6805005 R 4:10-5:00  
 MEETS: JAN 9-MAY 4

SOC FOUND AMER EDUC C I 204 3 CREDITS  
 6278005 1 TR 11:00-1:20  
 MEETS: JAN 9-MAY 4  
 6278010 2 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6278015 3 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 6278020 4 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 6278025 5 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ERLY CHLDHD ED ORIE C I 208 1 CREDIT  
 Satisfactory-Fail Only.  
 4389005 W 3:10-4:00  
 MEETS: JAN 9-MAY 4

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 W 12:10-1:00  
 MEETS: JAN 9-MAY 4

STRATEGIES IN TCHNG C I 245 2 CREDITS  
 Prereq: 204; HD FS 220 OR 221 OR 226 (OR  
 CONCURRENT ENROLLMENT IN ONE OF THESE COURSES);  
 CONCURRENT ENROLLMENT IN C I 268; ELIGIBILITY  
 FOR ADMISSION TO TEACHER EDUCATION PROGRAM  
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY  
 3238005 1 W 3:10-5:00  
 MEETS: JAN 9-MAY 4

STRATEGIES PRACTICM C I 268 1 CREDIT  
 Prereq: 204  
 Note: Department permission required 1st week.  
 Satisfactory-Fail Only.  
 3240005 1 F 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 3240010 2 F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 3240015 3 F 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 3240020 4 F 10:00-11:50  
 MEETS: JAN 9-MAY 4

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 WEEK PER CREDIT FOR SITE VISIT.  
 Satisfactory-Fail Only.  
 6279005 1 W 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 STUDENT MUST HAVE PREVIOUSLY COMPLETED A  
 C I 280A  
 6279010 2 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

EXP DIGITAL LEARNNG C I 280B 1- 2 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN 280A,  
 TWO CREDITS BY PERMISSION ONLY  
 Note: Department permission required 1st week.  
 Satisfactory-Fail Only.  
 6280005 ARRANGED  
 MEETS: JAN 9-MAY 4

EXP TUTOR NATIVE AM C I 280C 1 CREDIT  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN 280A  
 Note: College permission required 1st week.  
 Satisfactory-Fail Only.  
 6281005 ARRANGED  
 MEETS: JAN 9-MAY 4

EXP MUSEUM EDUCATN C I 280D 1 CREDIT  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN 280A  
 Satisfactory-Fail Only.  
 6282005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.

EXP INTERNL STDNT C I 280F 1- 2 CREDITS  
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN 280A,  
 PERMISSION OF INSTRUCTOR REQUIRED  
 Satisfactory-Fail Only.  
 6284005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.

EARLY FIELD EXPERNC C I 280L .5 CREDIT  
 Note: MUST RESERVE ONE MORNING OR ONE AFTERNOON  
 PER WEEK FOR SITE VISITS.  
 Satisfactory-Fail Only.  
 2843005 1 M 12:10-1:00, ARRANGED  
 MEETS: JAN 9-MAY 4

EXP SECONDRY SCIENC C I 280M 1- 2 CREDITS  
 Note: CLASSROOM MEETING DATES JAN 11-FEB 17  
 Satisfactory-Fail Only.  
 8266005 MW 8:00-9:30, ARRANGED  
 MEETS: JAN 9-MAY 4

COHORT FIELD EXPERC C I 280N 1 CREDIT  
 Prereq: PERMISSION OF DEPARTMENT REQUIRED  
 Satisfactory-Fail Only.  
 7710005 1 W 2:10-3:00, ARRANGED  
 MEETS: JAN 9-MAY 4

PRE-TEACH EXPER ART C I 280O 1 CREDIT  
 Satisfactory-Fail Only.  
 1904005 ARRANGED  
 MEETS: JAN 9-MAY 4

PRIN&PRC DIGTL LRNG C I 302 3 CREDITS  
 Prereq: 201 OR 202, 245, 268  
 6289005 1 M 5:30-8:30PM  
 MEETS: JAN 9-MAY 4

TRANSFR ORIENTATION C I 315 1 CREDIT  
 Note: Department permission required 1st week.  
 Satisfactory-Fail Only.  
 3250005 1 T 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 3250010 2 W 3:10-4:00  
 MEETS: JAN 9-MAY 4

ED PSYCH YNG LEARNR C I 332 3 CREDITS  
 Prereq: PSYCH 230 OR HD FS 102, OPEN ONLY TO  
 MAJORS IN EARLY CHILDHOOD EDUCATION OR ELEMENTARY ED  
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY.  
 2635005 MW 5:10-6:30PM  
 MEETS: JAN 9-MAY 4

EDUCATIONAL PSYCHOL C I 333 3 CREDITS  
 Prereq: PSYCH 230 OR HD FS 102, APPLICATION  
 TO THE TEACHER EDUC PROGRAM OR MAJOR IN PSYCHOLOGY  
 Note: COURSE RESTRICTED TO PSYCH, SEC ED MAJORS  
 6084005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

RDG&LANG ARTS K-3RD C I 377 4 CREDITS  
 Prereq: C I 245, SP ED 250, HD FS 240, HD FS 226  
 (EL ED MAJORS) OR 221 (ECE MAJORS); CONCURRENT ENR IN  
 448, 468A, 468C (EL ED) OR 438, 468F, 468G, SP ED  
 368, HD FS 343 (ECE), ADMISSION TO TEACHER ED PROGRAM  
 Note: FOR ECE MAJORS, THE CONCURRENT ENROLLMENT  
 REQUIREMENTS ARE SP ED 368, C I 468F, C I 438,  
 C I 468G. EL ED MAJORS MUST REGISTER FOR THE  
 SAME SECTION NUMBER OF 448, 468A, 468B. RESTRICTED  
 TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE  
 UNIVERSITY TEACHER EDUCATION PROGRAM.  
 2066005 1 MW 8:00-10:30  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS MARCH 19-APRIL 13.  
 RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO  
 TEACHER EDUCATION.  
 2066010 2 MW 11:00-1:30  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS MARCH 19-APRIL 13.  
 RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO  
 TEACHER EDUCATION.  
 2066015 3 MW 2:10-4:40  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS MARCH 19-APRIL 13.  
 RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO  
 TEACHER EDUCATION.  
 2066020 4 MW 10:30-1:00  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS MARCH 19-APRIL 13.  
 SEC 4 RESTRICTED TO ECE MAJORS ONLY

RDG&LANG ARTS 4TH-6 C I 378 4 CREDITS  
 Prereq: 377; CONCURRENT ENRLMNT IN 449,468B,468D  
 Note: MUST ENROLL IN SAME SECTION NUMBER OF 449.  
 Department permission required 1st week.  
 2078005 1 TR 8:00-10:30  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9  
 2078010 2 TR 11:00-1:30  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9  
 2078015 3 TR 1:10-3:40  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9  
 2078020 4 TR 10:30-1:00  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9

INTRO MLTCULTRL FND C I 406 3 CREDITS  
 Prereq: 201 OR 202, 332 OR 333, JUNIOR  
 CLASSIFICATION, ADMISSION TO TEACHER EDUC PROGRAM  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 Meets U.S. diversity reqmt  
 6292005 1 MW 9:00-10:20  
 MEETS: JAN 9-MAY 4  
 6292010 2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 6292015 3 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6292020 4 M 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

CURRICULUM & INSTRUCTION (CONTINUED)

STUDNT TCHG PRIMARY C I 416A VAR. CREDITS  
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER  
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,  
 449; RESERVATION REQUIRED  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 COURSE OFFERED FOR 8 CREDITS SPRING 2012  
 Department permission required 1st week.  
 5054005 1A ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00  
 5054015 1R ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00  
 5054010 2A ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 THE LAST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00  
 5054020 2R ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 THE LAST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00

STDT TCHG INTMEDIAT C I 416B VAR. CREDITS  
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER  
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,  
 449; RESERVATION REQUIRED  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 COURSE OFFERED FOR 8 CREDITS SPRING 2012  
 Department permission required 1st week.  
 5056005 1A ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00  
 5056015 1R ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00  
 5056010 2A ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 THE LAST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00  
 5056020 2R ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 THE LAST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00

STDT TCHG WRLD LANG C I 416C VAR. CREDITS  
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER  
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,  
 449; RESERVATION REQUIRED  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 COURSE OFFERED FOR 8 CREDITS SPRING 2012  
 5057005 1A ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 5057015 1R ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 5057010 2A ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 THE LAST 8 WEEKS OF THE SEMESTER.  
 5057020 2R ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 THE LAST 8 WEEKS OF THE SEMESTER.

STDT TCHG INT'L K-3 C I 416D VAR. CREDITS  
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER  
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,  
 449; RESERVATION REQUIRED  
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2012  
 5053005 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 5053800 ID ARRANGED PATEL H  
 MEETS: MARCH 8-MAY 5  
 Note: SECT ID TAUGHT IN SUMATRA, INDONESIA. STUDENT  
 TEACHING ABROAD SPRING 2012.  
 Study Abroad Administrative Fee Applies  
 5053805 IT ARRANGED FOEGEN A  
 MEETS: MARCH 8-MAY 5  
 Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT TEACHING  
 ABROAD SPRING 2012.

CURRICULUM & INSTRUCTION (CONTINUED)

STDT TCHG INT'L K-3 C I 416D VAR. CREDITS  
 Study Abroad Administrative Fee Applies  
 5053815 NO ARRANGED MUNSEN S  
 MEETS: MARCH 8-MAY 5  
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY.  
 STUDENT TEACHING ABROAD SPRING 2012.  
 Study Abroad Administrative Fee Applies  
 5053810 NZ ARRANGED PIERCE A  
 MEETS: MARCH 8-MAY 5  
 Note: SECT NZ TAUGHT IN NEW ZEALAND. STUDENT TEACHING  
 ABROAD SPRING 2012.  
 Study Abroad Administrative Fee Applies  
 5053820 PR ARRANGED PIERCE A  
 MEETS: MARCH 8-MAY 5  
 Note: Study Abroad Administrative Fee Applies

STDT TCHG INT'L 4-6 C I 416E VAR. CREDITS  
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER  
 EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,  
 449; RESERVATION REQUIRED  
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2012  
 6824005 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 6824800 ID ARRANGED PATEL H  
 MEETS: MARCH 8-MAY 5  
 Note: SECT ID TAUGHT IN SUMATRA, INDONESIA. STUDENT  
 TEACHING ABROAD SPRING 2012.  
 Study Abroad Administrative Fee Applies  
 6824805 IT ARRANGED FOEGEN A  
 MEETS: MARCH 8-MAY 5  
 Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT TEACHING  
 ABROAD SPRING 2012.  
 Study Abroad Administrative Fee Applies  
 6824815 NO ARRANGED MUNSEN S  
 MEETS: MARCH 8-MAY 5  
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY.  
 STUDENT TEACHING ABROAD SPRING 2012.  
 Study Abroad Administrative Fee Applies  
 6824810 NZ ARRANGED PIERCE A  
 MEETS: MARCH 8-MAY 5  
 Note: SECT NZ TAUGHT IN NEW ZEALAND. STUDENT TEACHING  
 ABROAD SPRING 2012.  
 Study Abroad Administrative Fee Applies  
 6824820 PR ARRANGED PIERCE A  
 MEETS: MARCH 8-MAY 5  
 Note: Study Abroad Administrative Fee Applies

STDT TCH SOC ST MID C I 417A VAR. CREDITS  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 8046005 1 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: Professional support, field trips &/or  
 travel fee \$210.00  
 8046010 2 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 2 OFFERED FOR 8 CREDITS SPRING 2012.  
 Professional support, field trips &/or  
 travel fee \$210.00

STUDNT TCH PHYS SCI C I 417B VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 9044005 1 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1 OFFERED FOR 8 CREDITS SPRING 2012.  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9044010 2 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 2 OFFERED FOR 8 CREDITS SPRING 2012.  
 Professional support, field trips &/or  
 travel fee \$370.00

STUDNT TEACHNG MATH C I 417C VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 9045005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9045010 2 ARRANGED  
 MEETS: JAN 23-MAY 4  
 Note: SEC 2 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9045015 3 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 3 OFFERED FOR 8 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9045020 4 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 4 OFFERED FOR 8 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00

CURRICULUM & INSTRUCTION (CONTINUED)

STUDNT TCH BIOL SCI C I 417D VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: COURSE OFFERED FOR 12 CREDITS SPRING 2012  
 9046005 1 ARRANGED  
 MEETS: JAN 9-APRIL 20  
 Note: SEC 1 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9046010 2 ARRANGED  
 MEETS: JAN 23-MAY 4  
 Note: SEC 2 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9046015 3 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 3 OFFERED FOR 8 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9046020 4 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00

STUDNT TCH ENGL&LIT C I 417E VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 9047005 1 ARRANGED  
 MEETS: JAN 9-APRIL 20  
 Note: SEC 1 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$420.00  
 9047010 2 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 2 OFFERED FOR 8 CREDITS  
 Professional support, field trips &/or  
 travel fee \$420.00  
 9047015 3 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 3 OFFERED FOR 8 CREDITS.  
 Professional support, field trips &/or  
 travel fee \$420.00  
 9047020 4 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 4 OFFERED FOR 16 CREDITS  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$420.00

STDT TCH WORLD LANG C I 417G VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 9049005 1 ARRANGED  
 MEETS: JAN 9-APRIL 20  
 Note: SEC 1 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9049010 2 ARRANGED  
 MEETS: JAN 23-MAY 4  
 Note: SEC 2 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9049015 3 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 3 OFFERED FOR 8 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9049020 4 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 4 OFFERED FOR 8 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00

STDNNT TCH EARTH SCI C I 417J VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 9051005 1 ARRANGED  
 MEETS: JAN 9-APRIL 20  
 Note: SEC 1 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9051010 2 ARRANGED  
 MEETS: JAN 23-MAY 4  
 Note: SEC 2 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9051015 3 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 3 OFFERED FOR 8 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9051020 4 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 4 OFFERED FOR 8 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00

CURRICULUM & INSTRUCTION (CONTINUED)

STDNT TCH BASIC SCI C I 417M VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 9054005 1 ARRANGED  
 MEETS: JAN 9-APRIL 20  
 Note: SEC 1 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9054010 2 ARRANGED  
 MEETS: JAN 23-MAY 4  
 Note: SEC 2 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9054015 3 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 3 OFFERED FOR 8 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00  
 9054020 4 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 4 OFFERED FOR 8 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00

STUDENT TCHNG INT'L C I 417N VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 Note: COURSE OFFERED FOR 8 CREDITS.  
 7301800 ID ARRANGED PATEL H  
 MEETS: MARCH 8-MAY 5  
 Note: SECT ID TAUGHT IN SUMATRA, INDONESIA. STUDENT  
 TEACHING ABROAD SPRING 2012.  
 Study Abroad Administrative Fee Applies  
 7301805 IT ARRANGED FOEGEN A  
 MEETS: MARCH 8-MAY 5  
 Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT TEACHING  
 ABROAD SPRING 2012.  
 Study Abroad Administrative Fee Applies  
 7301815 NO ARRANGED MUNSEN S  
 MEETS: MARCH 8-MAY 5  
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY.  
 STUDENT TEACHING ABROAD SPRING 2012.  
 Study Abroad Administrative Fee Applies  
 7301810 NZ ARRANGED PIERCE A  
 MEETS: MARCH 8-MAY 5  
 Note: SECT NZ TAUGHT IN NEW ZEALAND. STUDENT TEACHING  
 ABROAD SPRING 2012.  
 Study Abroad Administrative Fee Applies  
 7301820 PR ARRANGED PIERCE A  
 MEETS: MARCH 8-MAY 5  
 Note: Study Abroad Administrative Fee Applies

STDT TCH SOC STU HS C I 417P VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF  
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING  
 8612005 1 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1 OFFERED FOR 8 CREDITS SPRING 2012  
 Professional support, field trips &/or  
 travel fee \$210.00  
 8612010 2 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 2 OFFERED FOR 8 CREDITS SPRING 2012  
 Professional support, field trips &/or  
 travel fee \$210.00

STUDNT TCH ELEM MUS C I 417R VAR. CREDITS  
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2012  
 6702005 1 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: Professional support, field trips &/or  
 travel fee \$210.00  
 6702010 2 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$210.00

STUDNT TCHG SEC MUS C I 417S VAR. CREDITS  
 Note: COURSE OFFERED FOR 8 CREDITS SPRING 2012  
 6682005 1 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 6682010 2 ARRANGED  
 MEETS: MARCH 5-MAY 4

SECNDY SCI METHD II C I 419 2 CREDITS  
 Prereq: 347, 280M, 418; CONCURRENT ENROLLMT IN 468K  
 9019005 M 5:10-8:00PM  
 MEETS: JAN 9-MAY 4  
 Note: CONCURRENT ENROLLMENT IN 468K REQUIRED.

PRINCIPLS SECNDY ED C I 426 3 CREDITS  
 Prereq: 202, SR CLASSIFICATION, ADMISSION TO  
 TEACHER EDUCATION PROGRAM  
 Note: MUST TAKE CONCURRENTLY WITH 415  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 6293005 1 W 5:30-8:20PM  
 MEETS: JAN 9-MAY 4

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

MATH IN PRIMRY GRDS C I 438 2 CREDITS  
 Prereq: HD FS 221; MATH 195. CONCURRENT ENROLLMT  
 IN 377, 468F, 468G, SP ED 368.  
 4489005 1 MW 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS MARCH 19-APRIL 13.

SCI IN PRIMARY GRDS C I 439 2 CREDITS  
 Prereq: 377, HD FS 221; CONCURRENT ENROLLMENT IN  
 433, 438, 468I, SP ED 355, 455  
 4491005 1 MW 12:30-1:45  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 12-MARCH 9

TCHG OF SOC STUDIES C I 443 3 CREDITS  
 Prereq: 377  
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY.  
 Department permission required 1st week.  
 3258005 1 TR 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9  
 3258010 2 MW 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9  
 3258015 3 MW 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9  
 3258020 4 MW 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9

TCHNG CHILDREN MATH C I 448 3 CREDITS  
 Prereq: MATH 195, 196, CONCURRENT ENROLLMENT IN  
 C I 377, 468A, 468C  
 Note: MUST ENROLL IN SAME SECTION NUMBER OF 377  
 Department permission required 1st week.  
 3260005 1 MW 11:00-12:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 NO MEETINGS FEB 13-MARCH 9  
 3260010 2 MW 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 NO MEETINGS FEB 13-MARCH 9  
 RESTRICTED TO EL ED MAJORS ONLY  
 3260015 3 MW 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 3 NO MEETINGS FEB 13-MARCH 9  
 RESTRICTED TO EL ED MAJORS ONLY

TEACHING OF SCIENCE C I 449 3 CREDITS  
 Prereq: 377, CONCURRENT ENROLLMENT IN 378, 468B  
 468D, JUNIOR CLASSIFICATION  
 Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.  
 MUST ENROLL IN SAME SECTION NUMBER OF 378.  
 Department permission required 1st week.  
 3261005 1 TR 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9  
 3261010 2 TR 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9  
 3261015 3 TR 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9  
 3261020 4 TR 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: NO MEETINGS FEB 13-MARCH 9

EMERG TOPC DGTL LRN C I 454 1- 3 CREDITS  
 Prereq: 201 OR 202  
 9436005 1 ARRANGED  
 MEETS: JAN 17-FEB 17  
 9436010 2 ARRANGED  
 MEETS: FEB 27-MARCH 30

PRA PRIMRY RDG&LANG C I 468A 1 CREDIT  
 Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
 Note: TAKE CONCURRENTLY WITH C I 377 AND 448 AND 468C.  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 RESTRICTED TO EL ED MAJORS ONLY.  
 Department permission required 1st week.  
 Satisfactory-Fail Only.  
 3265005 1 MW 7:30-4:30, ARRANGED  
 MEETS: MARCH 19-APRIL 13  
 Note: Professional support, field trips &/or  
 travel fee \$52.00

PRA RDG&LANG INTRMD C I 468B 1 CREDIT  
 Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
 Note: TAKE CONCURRENTLY WITH C I 378, 449, 468D.  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 RESTRICTED TO EL ED MAJORS ONLY.  
 Department permission required 1st week.  
 Satisfactory-Fail Only.  
 3266005 1 TR 7:30-4:30, ARRANGED  
 MEETS: FEB 13-MARCH 9  
 Note: Professional support, field trips &/or  
 travel fee \$52.00

TCHG PRACTICUM MATH C I 468C 1 CREDIT  
 Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2011.  
 TAKE CONCURRENTLY WITH 377, 448. RESTRICTED TO  
 WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY  
 TEACHER EDUCATION PROGRAM. RESTRICTED TO EL ED MAJORS  
 ONLY.  
 Department permission required 1st week.  
 Satisfactory-Fail Only.  
 3267005 1 MW 7:30-4:30, ARRANGED  
 MEETS: MARCH 19-APRIL 13  
 Note: Professional support, field trips &/or  
 travel fee \$52.00

TCHNG PRACTICUM SCI C I 468D 1 CREDIT  
 Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2011.  
 TAKE CONCURRENTLY WITH 378,449,468B. REQUIRED  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 RESTRICTED TO EL ED MAJORS ONLY.  
 Department permission required 1st week.  
 Satisfactory-Fail Only.  
 3268005 1 TR 7:30-4:30, ARRANGED  
 MEETS: FEB 13-MARCH 9  
 Note: Professional support, field trips &/or  
 travel fee \$52.00

PRA PMRY LITRCY INC C I 468F 1 CREDIT  
 Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC  
 Note: REQUIRED MEETING - WED, JAN 13 AT 8AM.  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 Satisfactory-Fail Only.  
 4518005 1 MW 7:30-4:30, ARRANGED  
 MEETS: MARCH 19-APRIL 13  
 Note: Professional support, field trips &/or  
 travel fee \$58.00

PRA PRMY MATH INCL C I 468G 1 CREDIT  
 Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC  
 Note: TAKE CONCURRENTLY WITH C I 377, 438, 468F,  
 SP ED 368. RESTRICTED TO STUDENTS WITH FULL OR  
 TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER  
 EDUCATION PROGRAM.  
 Satisfactory-Fail Only.  
 4524005 1 MW 7:30-4:30, ARRANGED  
 MEETS: MARCH 19-APRIL 13  
 Note: Professional support, field trips &/or  
 travel fee \$52.00

PRA PRIMRY SCI INCL C I 468I 1 CREDIT  
 Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG  
 Note: TAKE CONCURRENTLY WITH C I 433 439 & SP ED  
 355, 455. RESTRICTED TO STUDENTS WITH FULL OR  
 TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER  
 EDUCATION PROGRAM.  
 Satisfactory-Fail Only.  
 4528005 1 MW 12:10-4:00  
 ARRANGED  
 MEETS: FEB 13-MARCH 9  
 Note: Professional support, field trips &/or  
 travel fee \$52.00

PRACTICUM SEC SCI II C I 468K 2 CREDITS  
 Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC  
 Note: CONCURRENT ENROLLMENT IN C I 419 REQUIRED.  
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 Satisfactory-Fail Only.  
 8223005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$58.00

PRACT READNG ENDORS C I 468R 1 CREDIT  
 Prereq: PERMISSION OF DEPT; CONCURRENT ENR IN 378  
 ADMISSION TO TEACHER EDUC PROGRAM  
 Note: Department permission required 1st week.  
 Satisfactory-Fail Only.  
 4300005 TR 7:30-12:20  
 MEETS: FEB 13-MARCH 9  
 Note: Professional support, field trips &/or  
 travel fee \$58.00

FLD EXP TEACH MUSIC C I 480K .5- 2 CREDITS  
 Prereq: PERMISSION OF COORDINATOR REQUIRED  
 PRIOR TO ENROLLMENT  
 Note: COURSE OFFERED FOR 1-2 CREDITS SPRING 2012  
 9064005 ARRANGED  
 MEETS: JAN 9-MAY 4

WRLD LANGU MTHDS EL C I 486 3 CREDITS  
 Prereq: 25 CREDITS IN A WORLD LANGUAGE  
 Note: Available for nonmajor graduate credit  
 9655600 XW ARRANGED ROSENBUSCH M  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WW  
 Delivery fee \$150.00

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

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

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

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

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

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

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

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

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

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

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

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

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

MNG&EVAL TEC INTRVN C I 504 3 CREDITS  
 Prereq: 501  
 2795005 R 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

TCHNOL IN TEACH&LRN C I 505 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 2796005 M 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

GEOMETRY K-12 CLSRM C I 509 3 CREDITS  
 Prereq: 448, 497, OR GRADUATE STATUS  
 4446005 1 T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

TECNOL DIFFUS,LEADR C I 511 3 CREDITS  
 Prereq: ADMISSION TO GRADUATE STUDY, 501 OR EQUIV AND 505 OR EQUIVALENT  
 8373005 W 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

ACTION RESRCH IN ED C I 515 3 CREDITS  
 Prereq: ADMISSION TO GRAD STUDY, ONE COURSE IN RESEARCH METHODS, EDUCATIONAL INQUIRY, STATISTICS, EDUCATIONAL PSYCHOLOGY, OR INSTRUCTIONAL DESIGN  
 1901600 XW ARRANGED CRAWFORD D  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT DENISE SCHMIDT FOR PERMISSION TO REGISTER AT 515-294-9141/DSCHMIDT@IASTATE.EDU.  
 Department permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

ANTIRACIST CURR DEV C I 516 3 CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 6314005 W 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

STUDNT TCH PHYS SCI C I 517B VAR. CREDITS  
 2460005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or travel fee \$370.00

STUDNT TEACHNG MATH C I 517C VAR. CREDITS  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 2466005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or travel fee \$370.00

STUDNT TCH BIOL SCI C I 517D VAR. CREDITS  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 2475005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or travel fee \$370.00

STDNT TCH EARTH SCI C I 517J VAR. CREDITS  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 2476005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or travel fee \$370.00

STDNT TCH BASIC SCI C I 517M VAR. CREDITS  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 2480005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or travel fee \$370.00

SECDY SCI METHDS II C I 519 2 CREDITS  
 Prereq: 418 OR 518, CONCURRENT ENROLLMENT IN 591D  
 2575005 M 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

PRIN SECONDARY EDUC C I 526 3 CREDITS  
 Prereq: 6 CREDITS IN EDUCATION  
 Note: MUST TAKE CONCURRENTLY WITH CI 415  
 7724005 1 W 5:30-8:20PM  
 MEETS: JAN 9-MAY 4

EDUC PSYCH LEARNING C I 533 3 CREDITS  
 Prereq: 333 OR TEACHER LICENSURE  
 4363005 1 T 4:30-7:00PM  
 MEETS: JAN 9-MAY 4

HOW LEARN,TEACH SCI C I 541 3 CREDITS  
 Prereq: BACHELOR'S DEGREE  
 6701005 W 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

CORRECTIVE READING C I 552 3 CREDITS  
 Prereq: 378 OR EQUIV; UNDERGRAD STUDENTS MUST REGISTER CONCURRENTLY FOR SP ED 365, 436; GRADUATE STUDENT MUST HAVE A TEACHING LICENSE  
 3276005 T 5:10-8:30PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4

RDG&RSPND CHILD LIT C I 554 3 CREDITS  
 Prereq: SENIOR STATUS OR TEACHING LICENSE  
 1672005 M 5:30-8:30PM  
 MEETS: JAN 9-MAY 4

EDUC BLACKS IN U.S. C I 578 3 CREDITS  
 Prereq: GRADUATE OR SENIOR LEVEL STATUS OR PERMSN OF INSTRUCTOR  
 7784005 T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

SUPVS TUTOR READING C I 588 3 CREDITS  
 Prereq: GRADUATE STATUS, TEACHING LICENSE AND CONCURRENT ENROLLMENT IN OR COMPLETION OF ONE COURSE  
 CORRECTIVE READING; DIAGNOSIS AND CORRECTION OF READING PROBLEMS  
 Note: COURSE RESTRICTED TO GRADS ONLY.  
 9245005 1 R 5:10-8:30PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: TUTORING ON TUES. & THURS. 5:00-6:00 P.M.  
 Professional support, field trips &/or travel fee \$25.00

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

SPL TOP DIGITL LRNG C I 590B 1- 3 CREDITS  
 Prereq: 9 GRADUATE CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

CURRICULUM & INSTRUCTION (CONTINUED)

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

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

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

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

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

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

FLD EXP WORLD LANGU C I 591B 1- 6 CREDITS  
 Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA  
 8128005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$55.00

FIELD EXP ELEM EDUC C I 591C 1- 6 CREDITS  
 Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA  
 8489005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$25.00

FIELD EXP SECOND ED C I 591D 1- 6 CREDITS  
 Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA  
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2011.  
 5058005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 FOR SCIENCE STUDENTS  
 Professional support, field trips &/or  
 travel fee \$50.00  
 5058010 2 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 FOR MATHEMATICS STUDENTS  
 Professional support, field trips &/or  
 travel fee \$50.00

SCIENCE EDUC WKSHOP C I 593C 1- 3 CREDITS  
 Prereq: 9 GRADUATE CREDITS IN EDUCATION  
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2011.  
 2812005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

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

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

CR CMP WRLD LANG ED C I 599J 1- 3 CREDITS  
 Prereq: 9 GRADUATE CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

ADV LRN ENVIR DSIGN C I 603 3 CREDITS  
 Prereq: 503  
 2926005 T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

SEMNR DIGITL LEARN C I 615B 1 CREDIT  
 5264005 W 4:10-5:00  
 MEETS: JAN 9-MAY 4

SEMINAR SCIENCE ED C I 615C 1 CREDIT  
 5268005 T 4:10-5:00  
 MEETS: JAN 9-MAY 4

SEM MULTICULTURL ED C I 615F 1 CREDIT  
 4563005 M 4:10-5:00  
 MEETS: JAN 9-MAY 4

SEMINAR MATH EDUC C I 615G 1 CREDIT  
 4571005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEMINR EDUC PSYCHOL C I 615K 1 CREDIT  
 4586005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

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

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

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

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

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

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

RSRCH DIGITAL LEARN C I 699B VAR. CREDITS  
 Prereq: 9 GRADUATE CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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



CURRICULUM & INSTRUCTION (CONTINUED)

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

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

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

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

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

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

DANCE (CONTINUED)

BALLET II DANCE 232 1 CREDIT  
 Prereq: PREVIOUS BALLET EXPERIENCE  
 2850005 1 MW 12:10-1:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$25.00

JAZZ II DANCE 242 1 CREDIT  
 Prereq: PREVIOUS JAZZ DANCE EXPERIENCE  
 2852005 1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

DANCE APPRECIATION DANCE 270 3 CREDITS  
 2855005 1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

HIST &PHIL OF DANCE DANCE 360 3 CREDITS  
 Prereq: 270  
 2857005 1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

ADV STUDIES DANCE DANCE 370 1- 3 CREDITS  
 Prereq: 2 CR IN DANCE, ADVANCE REGISTRATION REQ'D  
 Note: Instructor permission required 1st week.  
 2858005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

TCHG CHLDRN'S DANCE DANCE 384 2 CREDITS  
 2859005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY DANCE 490 1- 3 CREDITS  
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR  
 Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SPRING 2012.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

**DANCE**

MODERN DANCE I DANCE 120 1 CREDIT  
 Satisfactory-Fail Only.  
 2838005 1 MW 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$25.00

BALLET I DANCE 130 1 CREDIT  
 Satisfactory-Fail Only.  
 2839005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$25.00

JAZZ I DANCE 140 1 CREDIT  
 Satisfactory-Fail Only.  
 2840005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

BALLROOM DANCE I DANCE 160 1 CREDIT  
 Satisfactory-Fail Only.  
 2842005 1 TR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 FOR MEN ONLY. MEETS WITH SEC 2  
 Materials and professional support fee \$25.00

2842010 2 TR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 FOR WOMEN ONLY. MEETS WITH SEC 1  
 Materials and professional support fee \$25.00

2842015 3 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 3 FOR MEN ONLY. MEETS WITH SEC 4  
 Materials and professional support fee \$25.00

2842020 4 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 4 FOR WOMEN ONLY. MEETS WITH SEC 3  
 Materials and professional support fee \$25.00

DANCE CONTINUUM DANCE 199 .5- 2 CREDITS  
 Prereq: INSTRUCTOR PERMISSION. ADVANCE  
 REGISTRATION REQUIRED  
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SPRING 2012  
 Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 2845005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

FUND SOCIAL&WORLD D DANCE 211 2 CREDITS  
 Note: COURSE RESTRICTED TO EX SP, KIN H MAJORS  
 9612005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$25.00

MODERN DANCE III DANCE 223 1 CREDIT  
 Prereq: 222  
 2848005 1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$25.00

CONCERT&THRE DANCE DANCE 224 .5- 2 CREDITS  
 Prereq: BY AUDITION ONLY  
 Note: Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 2849005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY

2849010 2 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY

2849015 3 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 3 OFFERED FOR 2 CREDITS ONLY

**DESIGN STUDIES**

DESIGN STUDIO I DSN S 102 4 CREDITS  
 Note: ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF  
 DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED TO  
 COLLEGES OTHER THAN DESIGN.

8050005 1 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050010 2 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050015 3 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050020 4 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050025 5 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050030 6 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050035 7 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050040 8 MW 9:00-11:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050045 9 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050050 10 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050055 11 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050060 12 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050065 13 MW 3:10-6:00PM  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050070 14 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050075 15 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050080 16 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050085 17 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050090 18 MW 12:10-3:00  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

8050095 19 MW 3:10-6:00PM  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIO I DSN S 102 4 CREDITS  
 8050100 20 MW 3:10-6:00PM  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050105 21 MW 3:10-6:00PM  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050110 22 MW 3:10-6:00PM  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050115 23 MW 3:10-6:00PM  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050120 24 MW 3:10-6:00PM  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050125 25 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050130 26 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050135 27 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050140 28 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050145 29 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050150 30 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050155 31 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050160 32 TR 8:00-10:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050165 33 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050170 34 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050175 35 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050180 36 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050185 37 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050190 38 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050195 39 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 8050200 40 TR 11:00-1:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

DESIGN EXCH SEMIN II DSN S 111 1 CREDIT  
 Prereq: MEMBER OF DESIGN EXCHANGE LEARN COMMUNITY  
 Note: COURSE RESTRICTED TO COLLEGE OF DESIGN STUDENTS.  
 Satisfactory-Fail Only.  
 7658005 1 T 6:00-7:30PM COOPER M  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$40.00

DESIGN COLLABOR SEM DSN S 115 .5 CREDIT  
 Prereq: MEMBER OF DESIGN COLLABORATIVE LEARNING  
 COMMUNITY  
 Satisfactory-Fail Only.  
 7947005 W 8:00-8:50 COOPER M  
 MEETS: JAN 9-MARCH 23

DESIGN REPRESENTATN DSN S 131 4 CREDITS  
 Note: ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF  
 DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED TO  
 COLLEGES OTHER THAN DESIGN.  
 Instructor permission required 1st week.

2124005 1 MW 9:00-11:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124010 2 MW 9:00-11:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124015 3 MW 9:00-11:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124020 4 MW 9:00-11:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124025 5 MW 9:00-11:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124030 6 MW 9:00-11:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124035 7 MW 9:00-11:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4

DESIGN REPRESENTATN DSN S 131 4 CREDITS  
 2124040 8 MW 9:00-11:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124045 9 MWF 12:10-3:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124050 10 MWF 12:10-3:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124055 11 MW 12:10-3:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124060 12 MW 12:10-3:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124065 13 MW 12:10-3:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124070 14 MW 12:10-3:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124075 15 MW 12:10-3:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124080 16 MW 12:10-3:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124085 17 MW 3:10-6:00PM  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124090 18 MWF 3:10-6:00PM  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124095 19 MW 3:10-6:00PM  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124100 20 MW 3:10-6:00PM  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124105 21 MW 3:10-6:00PM  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124110 22 MW 3:10-6:00PM  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124115 23 MW 3:10-6:00PM  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124120 24 MW 3:10-6:00PM  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124125 25 TR 8:00-10:50PM  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124130 26 TR 8:00-10:50PM  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124135 27 TR 8:00-10:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124140 28 TR 8:00-10:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124145 29 TR 8:00-10:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124150 30 TR 8:00-10:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124155 31 TR 8:00-10:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124160 32 TR 8:00-10:50  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124165 33 TR 11:00-2:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124170 34 TR 11:00-2:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124175 35 TR 11:00-2:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124180 36 TR 11:00-2:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124185 37 TR 11:00-2:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124190 38 TR 11:00-2:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124195 39 TR 11:00-2:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4  
 2124200 40 TR 11:00-2:00  
 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4

DESIGN STUDIES (CONTINUED)

DESIGN STUDIES (CONTINUED)

DESIGN CULTURES DSN S 183 3 CREDITS  
 5945005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 FOR MAJORS OTHER THAN COLLEGE OF DESIGN  
 5945010 2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 RESTRICTED TO DESIGN COLLEGE MAJORS

HIST WESTERN ARC II DSN S 222 3 CREDITS  
 Note: Meets international perspectives reqmt  
 2150005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

DIGTL DSIGN CMUNICA DSN S 232 3 CREDITS  
 2087005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

FORCES SHAP METRO E DSN S 270 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 3863005 A MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

SOCIAL&BEHAV LNDSCP DSN S 274 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 3041005 1 M 10:00-10:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4

HISTORY OF ART II DSN S 281 3 CREDITS  
 Note: Meets international perspectives reqmt  
 2637005 TR 12:40-2:00 GODBEY E  
 MEETS: JAN 9-MAY 4

STDY ABRD PREP SEMN DSN S 301 1 CREDIT  
 Satisfactory-Fail Only.  
 7396005 1 M 7:00-7:50PM  
 MEETS: JAN 9-MAY 4

DESIGN LEADRSHP SEM DSN S 302 2 CREDITS  
 Prereq: SELECTION AS A PEER MENTOR FOR THE CORE  
 DESIGN PROGRAM  
 Satisfactory-Fail Only.  
 8568005 1 W 6:00-6:50PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4

URBAN FORM DSN S 320 3 CREDITS  
 Prereq: C R P 253 OR 270 OR INSTRUCTOR PERMISSN  
 8078005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

HIST MODRN LANDSCAP DSN S 371 3 CREDITS  
 4697005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

ART&ARCHITC OF ASIA DSN S 382 3 CREDITS  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 2663005 TR 9:30-10:50 MORGAN E  
 MEETS: JAN 9-MAY 4

RENAISSANCE ART DSN S 385 3 CREDITS  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 2668005 MW 5:40-7:00PM CUNNALLY J  
 MEETS: JAN 9-MAY 4

RENAISSANCE ART DSN S 385H 3- 4 CREDITS  
 Note: Available for nonmajor graduate credit  
 Instructor permission required.  
 6828005 MW 5:40-7:00PM CUNNALLY J  
 ARRANGED CUNNALLY J  
 MEETS: JAN 9-MAY 4

ADV LAND ARC DESIGN DSN S 404 6 CREDITS  
 Prereq: L A 401  
 Note: Instructor permission required 1st week.  
 3474005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV LAND ARC DESIGN DSN S 404H 6- 7 CREDITS  
 Prereq: L A 401. MEMBERSHIP IN UNIV HONORS PROG.  
 Note: Instructor permission required.  
 7151005 ARRANGED  
 MEETS: JAN 9-MAY 4

URBAN REVITALIZATN DSN S 417 3 CREDITS  
 Prereq: C R P 253 OR 270  
 3869005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

INTERNATNL PLANNING DSN S 429 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 3990005 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

SITE DEVELOPMENT DSN S 442 3 CREDITS  
 Prereq: C R P 253, 272  
 3963005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

PUBLIC ART/PB SPACE DSN S 445X 3 CREDITS  
 Prereq: JUNIOR STANDING IN THE COLLEGE OF DESIGN  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 6470005 MTWRF 11:00-12:20  
 MEETS: JAN 9-MAY 4

TOPIC CONSTRUCTION DSN S 478C 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012  
 8280005 T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

TOPIC HIST/THRY/CRT DSN S 478D 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 8281005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC LANDSC PLANNNG DSN S 478E 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 8282005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC URBAN DESIGN DSN S 478F 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 8283005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPICAL ST GRAPHICS DSN S 478G 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 8284005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPICAL STUD HONORS DSN S 478H 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 8285005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC INTERDISCIPLIN DSN S 478I 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 8286005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC INTERNAT'L ST DSN S 478J 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 8287005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC COMPUTER APP DSN S 478K 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 8288005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC ECOLOG DESIGN DSN S 478L 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 8289005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC SOCIA/BEHAVRL DSN S 478M 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 3742005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC NATURL RSOURC DSN S 478N 2- 3 CREDITS  
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING  
 3743005 ARRANGED  
 MEETS: JAN 9-MAY 4

SUSTAINABLE COMMUNT DSN S 484 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 7042005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

DSIGN:MADE IN ITALY DSN S 486 3 CREDITS  
 2420800 IT ARRANGED SCHNEIDER P  
 MEETS: JAN 9-APRIL 30  
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF  
 DESIGN IN ROME: ARCHITECTURE, SPRING 2012.  
 OFFERED FOR 3 CREDITS  
 Study Abroad Administrative Fee Applies

19TH CENTURY ART DSN S 487 3 CREDITS  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 2690005 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4

INDEPN STUDY DESIGN DSN S 490D 1- 4 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT  
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

DESIGN STUDIES

(CONTINUED)

ENVIRONMTL LAW&PLAN DSN S 491 3 CREDITS  
 Prereq: 6 CREDITS IN NATURAL SCIENCE  
 4099005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

SPL TP ITALIAN CULT DSN S 492 1 CREDIT  
 Prereq: ENROLLMENT IN THE COLLEGE OF DESIGN ROME  
 STUDY ABROAD PROGRAM OR DSN S 301  
 6821005 1 M 5:10-6:00PM FRENCH E  
 MEETS: JAN 9-MAY 4  
 6821800 IT ARRANGED SCHNEIDER P  
 MEETS: JAN 9-APRIL 30  
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF  
 DESIGN IN ROME: ARCHITECTURE, SPRING 2012.  
 OFFERED FOR 1 CREDIT  
 Study Abroad Administrative Fee Applies

TOPICS IN ART HIST DSN S 498 3 CREDITS  
 Note: ART & DESIGN OF MEDIEVAL & MODERN INDIA  
 Instructor permission required 1st week.  
 2788005 A TR 12:40-2:00 EISMAN A  
 MEETS: JAN 9-MAY 4  
 Note: SEC A TOPIC: ART IN DICTATORSHIP  
 2788010 B TR 5:40-7:00PM CUNNALLY J  
 MEETS: JAN 9-MAY 4  
 Note: SEC B TOPIC: MICHELANGELO, PICASSO &  
 STEINBERG

URBAN REVITALIZATN DSN S 517 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 4101005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

TOP STDI ARCH&CULTR DSN S 528A 2- 3 CREDITS  
 Prereq: ARCH 221, 222 OR SR CLASSIF OR GRAD  
 STANDING  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012  
 1716005 1 T 6:30-8:50PM NAEGELE D  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 TOPIC: MODERN ARCHITECTURE: 1923/1968.  
 Field trips & travel fee \$400.00  
 1716010 2 T 4:10-6:40PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 TOPIC: AMERICAS: PRE-COLUMBIAN CITIES,  
 COLONIAL WILDERNESSES, POST-COLONIAL COLONIAS  
 Field trips & travel fee \$400.00  
 1716020 3 T 8:00-10:50 SQUIRE M  
 MEETS: JAN 9-MAY 4  
 Note: SEC 3 TOPIC: GOODNESS & BEAUTY  
 Field trips & travel fee \$400.00

INTERNATNL PLANNING DSN S 529 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 4264005 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.public.iastate.edu/%7efowusu/courses.html>

SITE DEVELOPMENT DSN S 542 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 4301005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS  
 Prereq: ADMISSION TO A GRADUATE PROGRAM IN  
 THE COLLEGE OF DSGN & INSTRUCTOR PERMISSION  
 Note: COURSE RESTRICTED TO DESIGN COLLEGE GRAD STUDENTS  
 2878005 1 MWF 1:10-5:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO ARC AND ARCH MAJORS ONLY  
 TOPIC: DESIGN/BUILD 2012  
 Materials, field trips &/or travel fee \$750.00  
 2878010 2 MWF 1:10-5:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 TOPIC: DESIGNING THE NEIGHBORING  
 INSIDE-OUT  
 Materials, field trips &/or travel fee \$750.00  
 2878015 3 MWF 1:10-5:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SECT 3 TOPIC: GREEN CAMPUS & BUILDING  
 PLANNING & DESIGN FOR A SMALL TRIBAL COLLEGE  
 Materials, field trips &/or travel fee \$750.00  
 2878020 4 MWF 1:10-5:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 4 RESTRICTED TO ARTID, ARC, ARCH, C R P, L A  
 MAJORS ONLY. TOPIC: HOTEL  
 Materials, field trips &/or travel fee \$750.00  
 2878025 5 MWF 1:10-5:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 5 TOPIC: INFORMAL EDUCATION: HAITI 2012  
 Materials, field trips &/or travel fee \$750.00  
 2878030 6 MWF 1:10-5:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 6 TOPIC: POETRY OF PLACE, EARTHWORKS &  
 REVELATIONS  
 Materials, field trips &/or travel fee \$750.00  
 2878035 7 MWF 1:10-5:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4

DESIGN STUDIES

(CONTINUED)

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS  
 Note: SEC 7 RESTRICTED TO ARC, ARCH, L A, C R P  
 MAJORS ONLY. TOPIC: RIVER HILLS: DOWNTOWN  
 DES MOINES  
 Materials, field trips &/or travel fee \$750.00  
 2878040 8 MWF 1:10-5:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 8 RESTRICTED TO ARC, ARCH & ARTID MAJORS  
 TOPIC: TOYS  
 Materials, field trips &/or travel fee \$750.00  
 2878045 9 MWF 1:10-5:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 9 TOPIC: ZERO-ENERGY BUILDING &  
 SUSTAINABILITY  
 Materials, field trips &/or travel fee \$750.00  
 2878050 10 MWF 1:10-5:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$750.00

PRESERVATN &REHABTN DSN S 567 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 4713005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO ARC, ARCH MAJORS ONLY  
 4713010 2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 FOR MAJORS OTHER THAN ARC, ARCH

CONTEM URB DSN THRY DSN S 575 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 Note: TOPIC: PUBLIC SPACES  
 2506005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

TOPIC CONSTRUCTION DSN S 578C 2- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 8292005 T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

TOPIC HIST/THRY/CRT DSN S 578D 2- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 8294005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC LANDSC PLANNG DSN S 578E 2- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 8293005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC URBAN DESIGN DSN S 578F 2- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 8295005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPICAL ST GRAPHICS DSN S 578G 2- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 8296005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC INTERDISCIPLIN DSN S 578I 2- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 8298005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC INTERNAT'L ST DSN S 578J 2- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 8299005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC COMPUTER APP DSN S 578K 2- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 8300005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPICAL ECO DESIGN DSN S 578L 2- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 7816005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC SOCIA/BEHAVRL DSN S 578M 2- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 3759005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC NATURL RSOURC DSN S 578N 2- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING  
 3760005 ARRANGED  
 MEETS: JAN 9-MAY 4

SUSTAINBLE COMMUNIT DSN S 584 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 7045005 TR 2:10-3:20  
 MEETS: JAN 9-MAY 4

DESIGN STUDIES

(CONTINUED)

RENAISSANCE ART DSN S 585 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION, INSTR PERMISSION  
 Note: Instructor permission required 1st week.  
 2877005 MW 5:40-7:00PM  
 MEETS: JAN 9-MAY 4

SPECIAL TOPICS DSN S 590 1- 4 CREDITS  
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT  
 CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMNT  
 7967005 ARRANGED  
 MEETS: JAN 9-MAY 4

ENVIRONMTL LAW&PLAN DSN S 591 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 4317005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

TOPICS IN ART HIST DSN S 598 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION, INSTR PERMISSION  
 3200005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A TOPIC: ART HISTORY OF MONEY  
 3200010 B TR 12:40-2:00 CUNNALLY J  
 MEETS: JAN 9-MAY 4  
 Note: SEC B TOPIC: ART & THE UNDERWORLD

DIETETICS

(CONTINUED)

ADV NU:MACRONUTRIEN DIET 558 3 CREDITS  
 Prereq: BMB 404 OR BMB 420 OR EQUIVALENT;  
 ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
 Note: CREDIT FOR EITHER DIET 558 OR NUTRS 501,  
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 4198600 XG ARRANGED  
 MEETS: JAN 17-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-DIETETICS PROGRAM WILL RECEIVE  
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE  
 TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE  
 ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

DIETETICS ENTREPRNR DIET 568 3 CREDITS  
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
 4196600 XG ARRANGED  
 MEETS: JAN 17-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-DIETETICS PROGRAM WILL RECEIVE  
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE  
 TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE  
 ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

DIETETICS

RESEARCH METHODS DIET 511 3 CREDITS  
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
 Note: CREDIT FOR EITHER DIET 511 OR FCEDS 511, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 5559600 XG ARRANGED  
 MEETS: JAN 8-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-DIETETICS PROGRAM WILL RECEIVE  
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE  
 TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE  
 ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Instructor permission required 1st week.  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

NUTRITN:LIFE STAGES DIET 538 3 CREDITS  
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
 4450600 XG ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-DIETETICS PROGRAM WILL RECEIVE  
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE  
 TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE  
 ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

STATISTICS DIET 554 3 CREDITS  
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES  
 MAY BE APPLIED TOWARD GRADUATION: DIET 554, STAT 401,  
 STAT 495, STAT 542  
 4268600 XG ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-DIETETICS PROGRAM WILL RECEIVE  
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE  
 TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE  
 ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

ADV NU:MICRONUTRIEN DIET 556 3 CREDITS  
 Prereq: BMB 404 OR BMB 420 OR EQUIVALENT;  
 ENROLLMENT IN GP-IDEA MFCS IN DIETETICS  
 Note: CREDIT FOR EITHER DIET 556 OR NUTRS 502, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 4202600 XG ARRANGED  
 MEETS: JAN 11-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-DIETETICS PROGRAM WILL RECEIVE  
 PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE  
 TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE  
 ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

ECOLOGY & EVOLUTIONARY BIOLOGY

EXTENDED FIELD TRIP EEB 585 2 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: Instructor permission required 1st week.  
 7859005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 Field trips & travel fee \$700.00

SPECIAL TOPICS EEB 590 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION AND INSTR PERMISSN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR EEB 698 1 CREDIT  
 7861005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 7861010 2 ARRANGED  
 MEETS: JAN 9-MAY 4  
 7861015 3 ARRANGED  
 MEETS: JAN 9-MAY 4

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

ECOLOGY, EVOLUTION & ORGANISMAL BIOL

ADV ANIMAL BEHAVIOR EEOB 507 3 CREDITS  
 Prereq: GRAD STANDING, BIOL 354, OR INSTR PERMISS  
 7117005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ENDOCRINOLOGY EEOB 534 3 CREDITS  
 Prereq: BIOL 211, 212  
 7127005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A OFFERED FOR 3 CREDITS ONLY SPRING 2012.

INTRO DNA TECHNIQS EEOB 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7105005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: JAN 10-FEB 9  
 Note: Materials and equipment use fee \$25.00

INTR PROTEIN TECHNQ EEOB 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7109005 TR 1:10-2:00 NOTT J  
 TR 2:10-4:00 NOTT J  
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS EEOB 542C 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7119005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: MARCH 27-APRIL 26

ECOLOGY, EVOLUTION & ORGANISMAL BIOL (CONTINUED)

ECOLOGY, EVOLUTION & ORGANISMAL BIOL (CONTINUED)

INTR PLNT TRNSFM TQ EEOB 542D 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7120005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTR METABLMCS TCNQ EEOB 542F 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 9013005 M 1:10-4:00, ARRANGED PERERA M  
 MEETS: FEB 6-APRIL 16  
 Note: Materials and equipment use fee \$25.00

INTRO GENOMIC TECNQ EEOB 542G 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7530005 M 2:10-4:00  
 W 2:10-4:00  
 MEETS: MARCH 5-APRIL 2

BRYOPHYT&LICHN DVRS EEOB 555 3 CREDITS  
 Prereq: BIOL 212, 212L  
 8952005 TR 6:00-8:30PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

ORNITHOLOGY EEOB 558 3 CREDITS  
 Prereq: A ECL 365 OR BIOL 351  
 2885005 1 MW 10:00-10:50 DINSMORE S  
 T 7:00-9:50 DINSMORE S  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00  
 2885010 2 MW 10:00-10:50 DINSMORE S  
 W 7:00-9:50 DINSMORE S  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00

MAMMALOLOGY EEOB 559 3 CREDITS  
 Prereq: A ECL 365 OR BIOL 351  
 5267005 1 MW 2:10-3:00 CLARK W  
 T 9:00-11:50 CLARK W  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 5267010 2 MW 2:10-3:00 FAIRBANKS W  
 W 9:00-11:50 FAIRBANKS W  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

MOLEC PHYLOGENETICS EEOB 563 3 CREDITS  
 Prereq: BIOL 315, 313  
 7054005 TR 9:00-10:50  
 MEETS: JAN 9-MAY 4

MORPHOMETRIC ANALYS EEOB 565 4 CREDITS  
 Prereq: STAT 401  
 4579005 TR 2:10-3:40, ARRANGED  
 MEETS: JAN 9-MAY 4

BIOGEOGRAPHY EEOB 569 3 CREDITS  
 Prereq: BIOL 315 OR EQUIVALENT; INSTR PERMISSION  
 1284005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

FOUND THEOR ECO&EVO EEOB 578X 3 CREDITS  
 Prereq: 1 SEM OF CALCULUS OR INSTRUCTOR PERMISSN  
 9407005 ARRANGED  
 MEETS: JAN 9-MAY 4

ECOSYSTEM ECOLOGY EEOB 584 3 CREDITS  
 Prereq: COMBINED 12 CREDITS IN BIOLOGY AND CHEM  
 2132005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

MICROBIAL ECOLOGY EEOB 587 3 CREDITS  
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
 2110005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

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

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

SPL TOP ORGNSM BIOL EEOB 590C 1- 3 CREDITS  
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT EEOB 599 VAR. CREDITS  
 2145005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEMINAR EEOB 698 1 CREDIT  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

**ECONOMICS**

PRIN MICROECONOMICS ECON 101 3 CREDITS  
 Note: OFFERED FOR 3 CREDITS SPRING 2012.  
 3100005 1 MWF 10:00-10:50 ORAZEM P  
 MEETS: JAN 9-MAY 4  
 3100010 2 MWF 11:00-11:50 ALEXANDER T  
 MEETS: JAN 9-MAY 4  
 3100015 3 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 3100020 4 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 3100025 5 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 3100030 6 MW 6:10-7:30PM CHOI E  
 MEETS: JAN 9-MAY 4  
 3100035 7 MWF 9:00-9:50 ORAZEM P  
 MEETS: JAN 9-MAY 4  
 3100040 8 ARRANGED GUNDERSEN L  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 3100600 XW ARRANGED GUNDERSEN L  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW

PRIN MACROECONOMICS ECON 102 3 CREDITS  
 Prereq: 101 RECOMMENDED  
 3099005 1 MWF 9:00-9:50 ALEXANDER T  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
 3099010 2 MWF 10:00-10:50 ZHYLYEVSKYY O  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
 3099015 3 MWF 1:10-2:00 CALHOUN G  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
 3099020 4 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
 3099025 5 TR 2:10-3:30 ROY S  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
 3099030 6 TR 12:40-2:00 ROY S  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
 3099035 7 ARRANGED GUNDERSEN L  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 3099600 XW ARRANGED GUNDERSEN L  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW

APPL ECON OPTIMIZTN ECON 207 3 CREDITS  
 Prereq: MATH 151, 160, 165 OR EQUIVALENT  
 2753005 1 MW 10:00-10:50 JACOBS K  
 T 1:10-3:00 JACOBS K  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
 2753010 2 MW 10:00-10:50 JACOBS K  
 W 3:10-5:00 JACOBS K  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
 2753015 3 MW 10:00-10:50 JACOBS K  
 R 1:10-3:00 JACOBS K  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

FARM BUSINESS MGT ECON 230 3 CREDITS  
 Prereq: 101, ACCT 284  
 3177005 1 MWF 9:00-9:50 EDWARDS W  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
 3177010 2 MWF 10:00-10:50 EDWARDS W  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INTRO AGRI MARKETS ECON 235 3 CREDITS  
 Prereq: 101  
 3174005 1 MWF 2:10-3:00 KIMLE K  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO AG B MAJORS ONLY  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>  
 3174010 2 TR 9:30-10:50 BEGHIN J  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 RESTRICTED TO AG B MAJORS ONLY  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECONOMICS (CONTINUED)

ECONOMICS (CONTINUED)

COOPERATIVE EDUC ECON 298 R CREDIT  
 Prereq: PERMISSION OF THE DEPT COOPERATIVE  
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION  
 Note: Instructor permission required.  
 4834005 ARRANGED DEITER R  
 MEETS: JAN 9-MAY 4

INTERMED MICROECON ECON 301 3- 4 CREDITS  
 Prereq: 101; 207 OR MATH 166  
 Note: COURSE OFFERED FOR 4 CREDITS SPRING 2012.  
 Available for nonmajor graduate credit  
 3101005 1 MWF 1:10-2:00 FRANKEL D  
 T 2:10-4:00 FRANKEL D  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3101010 2 MWF 1:10-2:00 FRANKEL D  
 W 2:10-4:00 FRANKEL D  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3101015 3 MWF 10:00-10:50 ARTZ G  
 W 2:10-4:00 ARTZ G  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3101020 4 MWF 10:00-10:50 ARTZ G  
 R 2:10-4:00 ARTZ G  
 MEETS: JAN 9-MAY 4

INTERMED MACROECON ECON 302 3 CREDITS  
 Prereq: 101, 102; MATH 160 OR 165  
 Note: Available for nonmajor graduate credit  
 3102005 1 TR 12:40-2:00 BHATTACHARYA J  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3102010 2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

ECONOMICS OF SPORTS ECON 313X 3 CREDITS  
 Prereq: 101  
 9228005 1 MWF 10:00-10:50 DEITER R  
 MEETS: JAN 9-MAY 4

ECON OF DISCRIMINAT ECON 321 3 CREDITS  
 Prereq: 101  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 3116005 1 MWF 9:00-9:50 HUFFMAN S  
 MEETS: JAN 9-MAY 4

COOPERATIVES ECON 332 3 CREDITS  
 Prereq: 101  
 Note: Available for nonmajor graduate credit  
 3181005 1 TR 12:40-2:00 DEITER R  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ENTREPRENEURSHIP AG ECON 334 3 CREDITS  
 Prereq: 101  
 6836005 1 MWF 11:00-11:50 KIMLE K  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

AGRICULTURAL MARKETNG ECON 337 3 CREDITS  
 Prereq: 101, 235 IS RECOMMENDED.  
 Note: Available for nonmajor graduate credit  
 2316005 1 TR 9:30-10:20 HART C  
 T 2:10-4:00 HART C  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$30.00

PUBLIC FINANCE ECON 344 3 CREDITS  
 Prereq: 101  
 Note: Available for nonmajor graduate credit  
 3111005 1 TR 9:30-10:50 OTTO D  
 MEETS: JAN 9-MAY 4

MONEY, BANK, FIN INST ECON 353 3 CREDITS  
 Prereq: 101, 102  
 3103005 1 TR 11:00-12:15 TESFATSION L  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INT'L TRADE&FINANCE ECON 355 3 CREDITS  
 Prereq: 101, 102  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 8925005 1 MWF 1:10-2:00 CHOI E  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

RURAL PRERTY APPRSL ECON 364X 3 CREDITS  
 Prereq: 101  
 Note: Available for nonmajor graduate credit  
 9219005 TR 2:10-3:30 DUFFY M  
 MEETS: JAN 9-MAY 4

INTRO ECONOMETRICS ECON 371 4 CREDITS  
 Prereq: 301, 302 OR 353, STAT 326  
 Note: Available for nonmajor graduate credit  
 2790005 1 MF 2:10-3:00 BUNZEL H  
 W 2:10-4:00 BUNZEL H  
 MEETS: JAN 9-MAY 4

ECONOMICS OF AGING ECON 378 3 CREDITS  
 Prereq: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS  
 5750005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

ENVIR & RESOURC ECON ECON 380 3 CREDITS  
 Prereq: 101  
 3180005 1 TR 2:10-3:30 HENNESSY H  
 MEETS: JAN 9-MAY 4

ECONOMIC DEVELOPMNT ECON 385 3 CREDITS  
 Prereq: 101, 102  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 3114005 1 TR 12:40-2:00 LUVAGA E  
 MEETS: JAN 9-MAY 4

INDUSTRIAL ORGANZTN ECON 416 3 CREDITS  
 Prereq: 301  
 Note: Available for nonmajor graduate credit  
 3184005 1 TR 9:30-10:50 MOSCHINI G  
 MEETS: JAN 9-MAY 4

INTRO GAME THEORY ECON 418 3 CREDITS  
 Prereq: 301  
 Note: Available for nonmajor graduate credit  
 9091005 1 TR 2:10-3:30 ROSENBLAT T  
 MEETS: JAN 9-MAY 4

INTERNATNAL FINANCE ECON 457 3 CREDITS  
 Prereq: 302  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 5250005 1 TR 12:40-2:00 SINGH R  
 MEETS: JAN 9-MAY 4

AG, FOOD, TRADE POLCY ECON 460 3 CREDITS  
 Prereq: 301 OR 501  
 Note: Available for nonmajor graduate credit  
 3185005 1 MWF 11:00-11:50 GALLAGHER P  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INTERMD ENVIR&RESOU ECON 480 3 CREDITS  
 Prereq: 301 OR 501  
 Note: Available for nonmajor graduate credit  
 3187005 1 TR 11:00-12:15 MIRANOWSKI J  
 MEETS: JAN 9-MAY 4

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

IND STDY ENTREPRENR ECON 490E 1- 5 CREDITS  
 Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

GRADUATNG SR SURVEY ECON 492 R CREDIT  
 Prereq: GRADUATING SENIOR  
 Satisfactory-Fail Only.  
 6208005 1 R 4:10-5:00 DEITER R  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECONOMICS (CONTINUED)

ECONOMICS (CONTINUED)

ECON TRAVEL COURSE ECON 496 1- 3 CREDITS  
 Prereq: SOPHOMORE STATUS, PERMISSION OF INSTRUCTR  
 Note: Meets international perspectives reqmt  
 5225800 AR ARRANGED LUVAGA E  
 MEETS: JAN 9-MAY 4  
 Note: SEC AR TAUGHT IN ARGENTINA. TOPIC:  
 AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN  
 ARGENTINA. SPRING 2012 - TRAVEL MARCH 8-19  
 VARIABLE CREDITS 1-3.  
 Materials, field trips &/or travel fee \$900.00  
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUC ECON 498 R CREDIT  
 Prereq: PERMISSION OF THE DEPT COOPERATIVE  
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
 Note: Permission of adviser required.  
 4836005 ARRANGED  
 MEETS: JAN 9-MAY 4

EXPERMNTL ECONOMICS ECON 510X 3 CREDITS  
 Prereq: 501 OR 601  
 9218005 TR 11:00-12:20 ROSENBLAT T  
 MEETS: JAN 9-MAY 4

COMMODITY MARKETS ECON 537 3 CREDITS  
 Prereq: 501 OR 532 OR 601, ECON 571 OR STAT 328  
 7233005 1 TR 9:30-10:45 HENNESSY D  
 MEETS: JAN 9-MAY 4

INTERMED ECONOMETRC ECON 571 3 CREDITS  
 Prereq: 500  
 9077005 1 MWF 1:10-2:00 HUFFMAN W  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

SPATIAL ECONOMICS ECON 576 3 CREDITS  
 Prereq: 501 OR 601  
 4900005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

INTERMD ENVIR&RESOU ECON 580 3 CREDITS  
 Prereq: 301 OR 501  
 7643005 1 TR 11:00-12:15 MIRANOWSKI J  
 MEETS: JAN 9-MAY 4

ADV ENVIROMNTL ECON ECON 581 3 CREDITS  
 Prereq: 501 OR 601  
 3205005 1 MWF 9:00-9:50 HERRIGES J  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

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

MACROECON ANALYSIS ECON 602 4 CREDITS  
 Prereq: 301,302, CREDIT OR CONCURRENT ENROLLMENT  
 IN 600 & PERMISSION OF DIRECTOR OF GRADUATE EDUCATION  
 Note: Department permission required.  
 3126005 1 TR 8:30-11:20 BHATTACHARYA J  
 F 1:10-3:00 BHATTACHARYA J  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

MICROECON ANALYS II ECON 603 4 CREDITS  
 Prereq: 601, 602, PERMIS OF DIRECTOR OF GRAD EDUC  
 Note: Department permission required.  
 3125005 1 MW 1:10-3:00 ROSENBLAT T  
 F 3:10-5:00 ROSENBLAT T  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

THEORET INDUS ORGNZ ECON 615 3 CREDITS  
 Prereq: 603  
 2937005 TR 12:40-2:00 MOSCHINI G  
 MEETS: JAN 9-MAY 4

INTERNATNAL FINANCE ECON 657 3 CREDITS  
 Prereq: 602  
 3141005 1 MW 2:10-3:30 SINGH R  
 MEETS: JAN 9-MAY 4

ECONOMETRICS II ECON 672 4 CREDITS  
 Prereq: 671  
 3146005 1 MW 11:00-12:50 ZHYLYEVSKYY O  
 F 11:00-12:50 ZHYLYEVSKYY O  
 MEETS: JAN 9-MAY 4

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

THIRD-YEAR PAPER ECON 691 3 CREDITS  
 Satisfactory-Fail Only.  
 5334005 1 ARRANGED SCHROETER J  
 MEETS: JAN 9-MAY 4

WORKSHOP ECON 693 1- 3 CREDITS  
 Prereq: 6 GRADUATE CREDITS IN CHOSEN FIELD  
 Satisfactory-Fail Only.  
 8649005 1 ARRANGED SCHROETER J  
 MEETS: JAN 9-MAY 4

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

EDUCATIONAL ADMINISTRATION

SUPV LEARNNG ENVIRON EDADM 551 3 CREDITS  
 Prereq: 541  
 3215600 XA W 5:30-9:30PM WESTERMAN-BEATTY  
 S 8:00-5:00  
 MEETS: MARCH 7-APRIL 25  
 Note: Section XA is off campus  
 Course delivery is On-site instruction  
 Secondary delivery is WWW  
 Delivery fee \$50.00  
 Taught at, in or by ATLANTIC

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

FLD EXP ELEM PRINCI EDADM 591A 1- 6 CREDITS  
 Prereq: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL  
 9422600 XA ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Section XA is off campus  
 Course delivery is Independent study

FLD EXP SECOND PRIN EDADM 591B 1- 6 CREDITS  
 Prereq: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL  
 9423600 XA ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Section XA is off campus  
 Course delivery is Independent study

CREATV COMPON DEVEL EDADM 599 1- 3 CREDITS  
 Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MAX RSOURC FOR ACHV EDADM 622 3 CREDITS  
 Prereq: 541  
 1381600 XA S 8:00-5:00 WESTERMAN-BEATTY  
 MEETS: JAN 14-APRIL 15  
 Note: Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$50.00  
 Taught at, in or by AMES

SYS ASSET CULTR LRN EDADM 632 3 CREDITS  
 Prereq: 541  
 1380600 XA FS 8:00-5:00 BOOK M  
 MEETS: JAN 28-APRIL 14  
 Note: Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$50.00  
 Taught at, in or by AMES

POLITICS OF EDUCATN EDADM 652X 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 9246005 M 6:10-9:00PM MARSH T  
 MEETS: JAN 9-MAY 4  
 9246600 XA M 6:00-9:00PM MARSH T  
 MEETS: JAN 9-APRIL 30  
 Note: Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$50.00

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

CLINCL DILEMM PRCTC EDADM 691 1- 3 CREDITS  
 Prereq: 541, ADMISSION TO PROGRAM, INSTR APPROVAL  
 Satisfactory-Fail Only.  
 6849600 XA ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Section XA is off campus  
 Course delivery is Independent study



EDUCATIONAL ADMINISTRATION (CONTINUED)

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

**EDUCATIONAL LEADERSHIP & POLICY ST**

SEM LAW,EQUITY,EQUA EL PS 615C 1 CREDIT  
 Prereq: ADMISSION TO ED LEADERSHIP DOCTORAL PROG  
 7711005 1 S 9:00-3:00 ROBINSON D  
 MEETS: FEB 11-APRIL 7  
 7711600 XA S 9:00-3:00 ROBINSON D  
 MEETS: FEB 11-APRIL 7  
 Note: Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$50.00

SEM ETHICS,JUSTICE, EL PS 615D 1 CREDIT  
 Prereq: ADMISSION TO ED LEADERSHIP DOCTORAL PROG  
 7714005 1 S 9:00-3:00 ROBINSON D  
 MEETS: FEB 11-APRIL 7  
 7714600 XA S 9:00-3:00 ROBINSON D  
 MEETS: FEB 11-APRIL 7  
 Note: Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$50.00

SEM CRIT&CRTV THINK EL PS 615F 1 CREDIT  
 Prereq: ADMISSION TO ED LEADERSHIP DOCTORAL PROG  
 Note: COURSE MEETS EVERY OTHER WEEK STARTING JAN 13TH  
 7716005 F 10:00-11:50 OSEI-KOFI N  
 MEETS: JAN 9-MAY 4

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

PEDAGOGI OF DISSSENT EL PS 621 3 CREDITS  
 Prereq: 620  
 8899005 T 2:10-5:00 OSEI-KOFI N  
 MEETS: JAN 9-MAY 4

**ELECTRICAL ENGINEERING**

PRO PROG ORIENTATN E E 166 R CREDIT  
 Note: COURSE RESTRICTED TO E E AND CPR E MAJORS ONLY.  
 DISCUSSIONS WILL MEET EVERY OTHER WEEK.  
 2887005 A T 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 2887010 B T 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 2887015 C T 3:10-4:30  
 MEETS: JAN 9-MAY 4  
 2887020 D T 3:10-4:30  
 MEETS: JAN 9-MAY 4

INTR EE&PROB SOLV I E E 185 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MATH 142  
 3880005 A MW 9:00-9:50  
 W 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 3880010 B MW 9:00-9:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4

INTR EE&PROB SLV II E E 186 1 CREDIT  
 Prereq: 185, PERMISSION OF THE INSTRUCTOR  
 6239005 A R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6239010 B R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 6239015 C R 2:10-4:00  
 MEETS: JAN 9-MAY 4

ELECTRIC CIRCUITS E E 201 4 CREDITS  
 Prereq: CR OR REGISTRATN IN MATH 267 AND PHYS 222  
 Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT  
 BOTH, MAY BE APPLIED TOWARD GRADUATION  
 2120005 A MWF 10:00-10:50  
 T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$60.00  
 2120010 B MWF 10:00-10:50  
 T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$60.00  
 2120015 C MWF 10:00-10:50  
 W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$60.00  
 2120020 D MWF 2:10-3:00  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$60.00  
 2120025 E MWF 2:10-3:00  
 F 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$60.00  
 2120030 F MWF 2:10-3:00  
 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$60.00

ELECTRICAL ENGINEERING (CONTINUED)

SIGNALS & SYSTEMS I E E 224 4 CREDITS  
 Prereq: 201, MATH 267, PHYS 222  
 5064005 A TR 4:10-5:30  
 T 1:10-4:00  
 MEETS: JAN 9-MAY 4  
 5064010 B TR 4:10-5:30  
 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 5064015 C TR 4:10-5:30  
 F 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 5064020 D TR 4:10-5:30  
 M 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 5064025 E TR 4:10-5:30  
 F 9:00-11:50  
 MEETS: JAN 9-MAY 4

ELECTRON CIRCTS&SYS E E 230 4 CREDITS  
 Prereq: 201, MATH 267, PHYS 222  
 4639005 A MWF 4:10-5:00  
 M 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00  
 4639010 B MWF 4:10-5:00  
 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00  
 4639015 C MWF 4:10-5:00  
 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00  
 4639020 D MWF 4:10-5:00  
 W 5:10-8:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00  
 4639025 E MWF 4:10-5:00  
 M 5:10-8:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00  
 4639030 F MWF 4:10-5:00  
 M 1:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00  
 4639035 G MWF 4:10-5:00  
 T 10:00-12:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00

TRANSFER ORIENTATIO E E 261 R CREDIT  
 Satisfactory-Fail Only.  
 9197005 T 11:00-11:50  
 MEETS: JAN 9-MAY 4

PROB SOLV MTHD&TOOL E E 285 4 CREDITS  
 2505005 A MWF 12:10-1:00  
 T 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 2505010 B MWF 12:10-1:00  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 2505015 C MWF 12:10-1:00  
 T 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 2505020 D MWF 12:10-1:00  
 T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 2505025 E MWF 12:10-1:00  
 F 10:00-11:50  
 MEETS: JAN 9-MAY 4

PROGRAM DISCOVERY E E 294 R CREDIT  
 Prereq: 166 OR CPR E 166  
 Satisfactory-Fail Only.  
 5380005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

ENRGY SYS&PWR ELTRN E E 303 3 CREDITS  
 Prereq: MATH 267, PHYS 222; CREDIT OR REGISTRATN  
 IN E E 224 AND 230  
 Note: Available for nonmajor graduate credit  
 3415005 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

ELECTROMG FLD&WAVES E E 311 4 CREDITS  
 Prereq: 201, MATH 265, PHYS 222, CREDIT OR  
 REGISTRATION IN MATH 267  
 Note: Available for nonmajor graduate credit  
 2889005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

NON-ENGRS' ELECTMAG E E 314 3 CREDITS  
 Prereq: PHYS 222, 112, OR EQUIVALENT  
 Note: Available for nonmajor graduate credit  
 8652005 MW 3:10-4:30  
 MEETS: JAN 9-MAY 4  
 8652600 XE ARRANGED MINA M  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmpt: reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

PROBAB MTH,ELEC ENG E E 322 3 CREDITS  
 Prereq: 224  
 3424005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

SIGNALS &SYSTEMS II E E 324 4 CREDITS  
 Prereq: 224  
 Note: Available for nonmajor graduate credit  
 2192005 A MWF 2:10-3:00  
 T 10:00-12:50  
 MEETS: JAN 9-MAY 4  
 2192010 B MWF 2:10-3:00  
 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 2192015 C MWF 2:10-3:00  
 W 4:10-7:00PM  
 MEETS: JAN 9-MAY 4

SYS BIOL FOR ENGR E E 325 3 CREDITS  
 Prereq: BIOC 202, MATH 267  
 4779005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

INTGRATED ELECTRNCS E E 330 4 CREDITS  
 Prereq: 201, CREDIT OR REGISTRATION IN 230, CPR E  
 281  
 Note: CREDIT FOR EITHER CPR E/E 330 OR E E 331,  
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Available for nonmajor graduate credit  
 5635005 A MWF 9:00-9:50  
 T 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 5635010 B MWF 9:00-9:50  
 R 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 5635015 C MWF 9:00-9:50  
 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 5635020 D MWF 9:00-9:50  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

SEMICND MTRLS&DEVIC E E 332 3 CREDITS  
 Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E  
 MAJORS: MAT E 334; ADDITIONAL PREREQ FOR E E AND  
 CPR E MAJORS: E E 230  
 Note: Available for nonmajor graduate credit  
 2195005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

ANALYS ENERGY SYSTM E E 351 3 CREDITS  
 Prereq: MATH 165  
 Note: Meets international perspectives reqmt  
 8412005 MW 4:10-5:20  
 MEETS: JAN 9-MAY 4

PROGRAM EXPLORATION E E 394 R CREDIT  
 Prereq: 294 OR CPR E 294  
 Note: COURSE RESTRICT TO JUNIORS AND SENIORS  
 Satisfactory-Fail Only.  
 5403005 ARRANGED  
 MEETS: JAN 9-MAY 4

ENGR INTERNSHIP E E 397 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
 CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

ELMAG RAD,ANTN,PRPG E E 417 4 CREDITS  
 Prereq: 311  
 Note: Available for nonmajor graduate credit  
 2900005 A MWF 11:00-11:50  
 W 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 2900010 B MWF 11:00-11:50  
 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

COMMUNIC SYSTMS II E E 422 3 CREDITS  
 Prereq: 421 AND ENROLLMENT IN 422  
 Note: Available for nonmajor graduate credit  
 2902005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

COMMUNIC SYSTMS LAB E E 423 1 CREDIT  
 Prereq: 421, ENROLLMENT IN 422  
 Note: Available for nonmajor graduate credit  
 2903005 A T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$45.00  
 2903010 B R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$45.00

INT DIGT SIGNL PROC E E 424 4 CREDITS  
 Prereq: 224  
 Note: Available for nonmajor graduate credit  
 7977010 TR 8:00-9:20  
 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 7977005 A TR 8:00-9:20  
 W 9:00-11:50  
 MEETS: JAN 9-MAY 4

MICROELEC FABRICATN E E 432 4 CREDITS  
 Prereq: PHYS 222, MATH 267. E E 332 OR MAT E  
 334 RECOMMENDED.  
 Note: Available for nonmajor graduate credit  
 9222005 MW 12:10-1:00  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$300.00

ANLOG VLSI CIRC DSN E E 435 4 CREDITS  
 Prereq: 324, 330, 332, AND E E 322 OR STAT 330  
 Note: Available for nonmajor graduate credit  
 2906005 A MWF 10:00-10:50  
 W 11:00-2:00  
 MEETS: JAN 9-MAY 4  
 2906010 B MWF 10:00-10:50  
 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 2906015 C MWF 10:00-10:50  
 R 11:00-2:00  
 MEETS: JAN 9-MAY 4

OPTOELECTN DEVC&APP E E 438 3 CREDITS  
 Prereq: 311, 332  
 Note: Available for nonmajor graduate credit  
 7182005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

INTR CIRCUIT&INSTRM E E 442 2 CREDITS  
 Prereq: PHYS 222, MATH 267  
 Note: COURSE RESTRICTED TO ENGR & PHYS MAJORS OTHER  
 THAN E E AND CPR E. CREDIT FOR EITHER E E 201 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 EITHER E E OR CPR E.  
 Available for nonmajor graduate credit  
 4723005 A MWF 4:10-5:00  
 T 8:00-9:50  
 MEETS: JAN 9-MARCH 2  
 4723010 B MWF 4:10-5:00  
 W 2:10-4:00  
 MEETS: JAN 9-MARCH 2  
 4723015 C MWF 4:10-5:00  
 W 8:00-9:50  
 MEETS: JAN 9-MARCH 2  
 4723020 D MWF 4:10-5:00  
 R 10:00-11:50  
 MEETS: JAN 9-MARCH 2  
 4723025 E MWF 4:10-5:00  
 RF 12:10-2:00  
 MEETS: JAN 9-MARCH 2  
 4723030 F MWF 4:10-5:00  
 R 6:10-8:00PM  
 MEETS: JAN 9-MARCH 2  
 4723035 G MWF 4:10-5:00  
 F 8:00-9:50  
 MEETS: JAN 9-MARCH 2  
 4723040 J MWF 4:10-5:00  
 F 10:00-11:50  
 MEETS: JAN 9-MARCH 2  
 4723045 K MWF 4:10-5:00  
 F 2:10-4:00  
 MEETS: JAN 9-MARCH 2

INTRO AC CIRC&MOTOR E E 448 2 CREDITS  
 Prereq: 303 OR 441 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 MWF 4:10-5:00  
 T 8:00-9:50  
 MEETS: MARCH 5-MAY 4  
 4775010 B MWF 4:10-5:00  
 W 2:10-4:00  
 MEETS: MARCH 5-MAY 4  
 4775015 C MWF 4:10-5:00  
 R 8:00-9:50  
 MEETS: MARCH 5-MAY 4

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

INTRO AC CIRC&MOTOR E E 448 2 CREDITS  
 4775020 D MWF 4:10-5:00  
 R 10:00-11:50  
 MEETS: MARCH 5-MAY 4

4775025 E MWF 4:10-5:00  
 R 12:10-2:00  
 MEETS: MARCH 5-MAY 4

4775030 F MWF 4:10-5:00  
 R 6:10-8:00PM  
 MEETS: MARCH 5-MAY 4

4775035 G MWF 4:10-5:00  
 F 8:00-9:50  
 MEETS: MARCH 5-MAY 4

4775040 J MWF 4:10-5:00  
 F 10:00-11:50  
 MEETS: MARCH 5-MAY 4

4775045 K MWF 4:10-5:00  
 F 2:10-4:00  
 MEETS: MARCH 5-MAY 4

ELECTRI MACHIN&DRIV E E 452 3 CREDITS  
 Prereq: 303; 330 OR 332; CR OR REGISTRATN IN 324  
 Note: Available for nonmajor graduate credit

2893005 A TR 11:00-11:50  
 T 4:10-7:00PM  
 MEETS: JAN 9-MAY 4

2893010 B TR 11:00-11:50  
 W 12:10-3:00  
 MEETS: JAN 9-MAY 4

2893015 C TR 11:00-11:50  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

POWER SYST ANALY II E E 457 3 CREDITS  
 Prereq: 303, CREDIT OR REGISTRATION IN 324  
 Note: Available for nonmajor graduate credit

2913005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

2913600 XE ARRANGED AJJARAPU V  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

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

1900005 A T 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

CONTROL SYS SIMULAT E E 476 3 CREDITS  
 Prereq: 475  
 Note: Available for nonmajor graduate credit

2915005 MW 4:10-5:00, ARRANGED  
 MEETS: JAN 9-MAY 4

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

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

SR DESGN 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, ENGL 314  
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR  
 AND ABOVE  
 Instructor permission required 1st week.

7230005 T 2:10-4:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$55.00

SR DESIGN PROJCT II E E 492 2 CREDITS  
 Prereq: 491  
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR  
 AND ABOVE

9515005 R 2:10-3:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$55.00

PORTFOLIO ASSESSMNT E E 494 R CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 491  
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR  
 AND ABOVE

7347005 A W 2:10-3:00  
 MEETS: JAN 9-MAY 4

7347010 B W 1:10-2:00  
 MEETS: JAN 9-MAY 4

7347015 C R 3:10-4:00  
 MEETS: JAN 9-MAY 4

7347020 D R 4:10-5:00  
 MEETS: JAN 9-MAY 4

MODERN OPTICS E E 496 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN PHYS 322,  
 365, AND 480  
 Note: Available for nonmajor graduate credit

5322005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

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

DSN CMOS PHS-L LOOP E E 506 4 CREDITS  
 Prereq: 435 OR 501 OR INSTRUCTOR APPROVAL

9160005 A MWF 2:10-3:00  
 T 1:10-4:00  
 MEETS: JAN 9-MAY 4

9160010 B MWF 2:10-3:00  
 T 4:10-7:00PM  
 MEETS: JAN 9-MAY 4

9160015 C MWF 2:10-3:00  
 W 8:00-10:50  
 MEETS: JAN 9-MAY 4

9160600 XE ARRANGED NEIHART N  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$400.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

MODERN OPTICAL COMM E E 511 3 CREDITS  
 Prereq: 311

2930005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ADV ELECMAG THRY II E E 513 3 CREDITS  
 Prereq: 512

2934005 A TR 2:00-3:30  
 MEETS: JAN 9-MAY 4

ELMAGNETC RAD,ANTEN E E 517 4 CREDITS  
 Prereq: 311

4808005 A MWF 11:00-11:50  
 W 8:00-10:50  
 MEETS: JAN 9-MAY 4

4808010 B MWF 11:00-11:50  
 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

MICROWV REMOTE SENS E E 518 3 CREDITS  
 Prereq: MATH 265 OR EQUIVALENT

3671005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

TOPICS IN COMMUNICS E E 520 3 CREDITS  
 ARRANGED  
 MEETS: JAN 9-MAY 4

COGNTV RADIO NTRKRS E E 522X 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR

2278005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

2278600 XE ARRANGED KAMAL A  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

RANDM PROC COMM&SIG E E 523 3 CREDITS  
 Prereq: 322, MATH 317

7358005 TR 4:10-6:30PM  
 MEETS: JAN 9-MAY 4

DETECT&ESTIM THEORY E E 527 3 CREDITS  
 Prereq: 422

2940005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

TOPICS EL,MICR,PHOT E E 530 3 CREDITS  
 Prereq: 332

9526005 ARRANGED  
 MEETS: JAN 9-MAY 4

MICROEL FABRIC TCHQ E E 532 4 CREDITS  
 Prereq: PHYS 222, MATH 265. EE 332 OR MAT E 331  
 RECOMMENDED

8880005 MW 12:10-1:00  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$300.00

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

PHYS SEMICOND DEVIC E E 536 3 CREDITS  
 Prereq: 535  
 2942005 MW 5:40-7:00PM  
 MEETS: JAN 9-MAY 4

OPTOELE DEVICES&APP E E 538 3 CREDITS  
 Prereq: 311 OR 332  
 3517005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

ELTRN PROPRT MATRLS E E 539 3 CREDITS  
 Prereq: 332 OR MAT E 331 OR PHYS 322  
 6236008 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

WIND ENRGY CNV&GRID E E 559X 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 452 AND 456  
 2288005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

RANDOM SIGNAL&KALMN E E 573 3 CREDITS  
 Prereq: 324 OR AER E 331 OR M E 370 OR 411  
 OR MATH 341 OR 395  
 8185005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

OPTIMAL CONTROL E E 574 3 CREDITS  
 Prereq: 577  
 2952005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

DIGIT FEEDBCK CNTRL E E 576 3 CREDITS  
 Prereq: 475 OR AER E 432 OR M E 411 OR 415; AND  
 MATH 267  
 2953005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 2953600 XE ARRANGED KUMAR R  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 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  
 Delivery fee \$300.00  
 Cmpttr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

NONLINEAR SYSTEMS E E 578 3 CREDITS  
 Prereq: 577  
 2955005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 2955600 XE ARRANGED VAIDYA U  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 3:30-4:50 PM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmpttr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

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

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

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

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

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

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

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

SPL TOP SIGNL PROCS E E 590I 1- 6 CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ELECTRONICS E E 591 1- 3 CREDITS  
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2012  
 1920005 A ARRANGED  
 MEETS: JAN 9-MAY 4  
 Cmpttr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

SEM N ELECTRIC POWER E E 594 1- 3 CREDITS  
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2012.  
 2964005 T 1:10-2:00  
 MEETS: JAN 9-MAY 4

SEM N CONTROL SYSTMS E E 596 1- 3 CREDITS  
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2012  
 2973005 M 4:10-5:00  
 MEETS: JAN 9-MAY 4

SEM COMM&SIGNL PROC E E 597 1 CREDIT  
 Note: COURSE RESTRICTED TO E CPE MAJORS ONLY.  
 Satisfactory-Fail Only.  
 7542005 A ARRANGED  
 MEETS: JAN 9-MAY 4

CREATIVE COMPONENT E E 599 VAR. CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INFORMATION THEORY E E 622 3 CREDITS  
 Prereq: 521,523  
 2776005 MW 4:10-5:30  
 MEETS: JAN 9-MAY 4  
 Cmpttr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html  
 2776600 XE ARRANGED WANG Z  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MW 4:10-5:30 PM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmpttr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

ADV TOP ELE PWR SYS E E 653 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 2981005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 2981600 XE ARRANGED AJJARAPU V  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 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  
 Delivery fee \$300.00  
 Cmpttr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

ENGINEERG INTERNSHP E E 697 R CREDIT  
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF  
 STUDENT SERVICES.  
 Satisfactory-Fail Only.  
 5716005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

RESEARCH E E 699 VAR. CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING

ENGINEERING ORIENTN ENGR 101 R CREDIT  
 Satisfactory-Fail Only.  
 3788005 A T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Cmpttr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

3788010 B R 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC B RESTRICTED TO E CPE MAJORS ONLY

3788015 C M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC C RESTRICTED TO AER E MAJORS ONLY

3788020 D T 8:00-8:50  
 MEETS: JAN 9-MAY 4

LEAD PROGM SEMINAR ENGR 105 1 CREDIT  
 Satisfactory-Fail Only.  
 6866005 F 1:10-3:00  
 MEETS: JAN 9-MAY 4

E2020 SCHLRS SEMINR ENGR 110 1 CREDIT  
 Prereq: E2020 SCHOLARS RECIPIENT; FRESHMAN,  
 SOPHOMORE OR JUNIOR CLASSIFICATION  
 2667005 A R 5:10-6:00PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4

LEARNING COMM SEMNR ENGR 131 R CREDIT  
 Satisfactory-Fail Only.  
 7845005 A T 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 7845010 B R 10:00-10:50  
 MEETS: JAN 9-MAY 4

ENGINEERING

(CONTINUED)

FOUND LEADR DV&LRNG ENGR 150 1 CREDIT  
 Prereq: FOR ELP STUDENTS ONLY  
 Satisfactory-Fail Only.  
 8147005 R 3:40-5:00  
 MEETS: JAN 9-MAY 4

ENGR PROB & CPR LAB ENGR 160 3 CREDITS  
 Prereq: SATISFACTORY SCORES ON MATH PLACEMENT  
 EXAMS: CREDIT OR ENROLLMENT IN MATH 142, 165  
 Note: SECT A1,B1 ETC. RESTRICTED TO A E, C E, CH E,  
 CON E, CPR E, E E, ENGR, ENGRS, I E, M E, MAT E  
 AND S E MAJORS.  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.

2946005 A MW 8:00-9:50  
 MEETS: JAN 9-MAY 4

2946010 B MW 10:00-11:50  
 MEETS: JAN 9-MAY 4

2946015 C MW 12:10-2:00  
 MEETS: JAN 9-MAY 4

2946020 D MW 2:10-4:00  
 MEETS: JAN 9-MAY 4

2946025 E TR 8:00-9:50  
 MEETS: JAN 9-MAY 4

2946030 F TR 10:00-11:50  
 MEETS: JAN 9-MAY 4

2946035 G TR 12:10-2:00  
 MEETS: JAN 9-MAY 4

2946040 J TR 2:10-4:00  
 MEETS: JAN 9-MAY 4

2946045 K MW 10:00-11:50  
 MEETS: JAN 9-MAY 4

E2020 SMNR:LEADR DV ENGR 210 1 CREDIT  
 Prereq: 110, 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: JAN 9-MAY 4

INT'L EXPRNC REPORT ENGR 320 3 CREDITS  
 Prereq: SATISFACTORY COMPLETION OF INTERNATIONAL  
 WORK 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: JAN 9-MAY 4

DEANS LDSHP SEMINAR ENGR 350X 1 CREDIT  
 Prereq: APPLICATION AND SELECTION PROCESS  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.

9494005 TR 1:10-2:00  
 MEETS: JAN 9-MAY 4

PROFSSNL INTERNSHIP ENGR 397 R CREDIT  
 Prereq: PERMISSION OF ADVISER AND ENGINEERING  
 COLLEGE CLASSIFICATION OFFICER  
 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 A T 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

**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 COLLEGE OF ENGR SOPHS &  
 ABOVE. HONORS STUDENTS MUST REGISTER FOR E M 274H.  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.

3004005 1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

3004010 2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

3004015 3 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

3004020 4 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

HONORS ENGR STATICS E M 274H 3 CREDITS  
 Prereq: CREDIT OR ENROLLMT IN MATH 166; CR OR ENR  
 IN PHYS 111 OR 221; MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: COURSE RESTRICTED TO HONORS STUDENTS IN ENGR.

6086005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

ENGINEERING MECHANICS

(CONTINUED)

MECHAN OF MATERIALS E M 324 3 CREDITS  
 Prereq: 274  
 Note: COURSE RESTRICTED TO ENGR SOPH AND ABOVE.  
 Available for nonmajor graduate credit  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.

3007005 1 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

3007010 2 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

3007015 3 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

3007020 4 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

3007040 5 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

3007045 6 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

HONORS MECH OF MTRL E M 324H 3 CREDITS  
 Prereq: 274, MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: COURSE RESTRICTED TO HONORS STUDENTS IN ENGR.  
 Available for nonmajor graduate credit

7425005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

MECH OF MATERLS LAB E M 327 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 324  
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND  
 ABOVE.  
 Available for nonmajor graduate credit

3008005 1 T 8:00-9:50  
 MEETS: JAN 9-MAY 4

3008010 2 T 10:00-11:50  
 MEETS: JAN 9-MAY 4

3008015 3 R 8:00-9:50  
 MEETS: JAN 9-MAY 4

3008020 4 R 10:00-11:50  
 MEETS: JAN 9-MAY 4

3008025 5 W 8:00-9:50  
 MEETS: JAN 9-MAY 4

3008030 6 W 10:00-11:50  
 MEETS: JAN 9-MAY 4

3008035 7 T 1:10-3:00  
 MEETS: JAN 9-MAY 4

3008040 8 R 1:10-3:00  
 MEETS: JAN 9-MAY 4

3008045 9 T 3:10-5:00  
 MEETS: JAN 9-MAY 4

3008050 10 R 3:10-5:00  
 MEETS: JAN 9-MAY 4

3008055 11 W 1:10-3:00  
 MEETS: JAN 9-MAY 4

3008060 12 W 3:10-5:00  
 MEETS: JAN 9-MAY 4

DYNAMICS E M 345 3 CREDITS  
 Prereq: 274, CR OR ENROLLMENT IN MATH 266 OR 267  
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND  
 ABOVE.  
 Available for nonmajor graduate credit  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.

3010005 1 MWF 8:00-8:50  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4

3010010 2 MWF 12:10-1:00  
 R 11:00-11:50  
 MEETS: JAN 9-MAY 4

3010015 3 MWF 12:10-1:00  
 T 12:10-1:00  
 MEETS: JAN 9-MAY 4

3010020 4 MWF 8:00-8:50  
 R 12:10-1:00  
 MEETS: JAN 9-MAY 4

3010025 5 MWF 8:00-8:50  
 T 1:10-2:00  
 MEETS: JAN 9-MAY 4

3010030 6 MWF 12:10-1:00  
 R 1:10-2:00  
 MEETS: JAN 9-MAY 4

3010035 7 MWF 12:10-1:00  
 T 2:10-3:00  
 MEETS: JAN 9-MAY 4

3010040 8 MWF 8:00-8:50  
 R 2:10-3:00  
 MEETS: JAN 9-MAY 4

3010045 9 MWF 8:00-8:50  
 T 3:10-4:00  
 MEETS: JAN 9-MAY 4

3010050 10 MWF 12:10-1:00  
 R 3:10-4:00  
 MEETS: JAN 9-MAY 4

HONORS DYNAMICS E M 345H 3 CREDITS  
 Prereq: 274 OR 301,CR/ENROLLMT IN MATH 266 OR 267  
 MEMBER OF UNIVERSITY HONORS PROGRAM  
 Note: Available for nonmajor graduate credit

7548005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

7548010 2 T 3:10-4:00  
 MEETS: JAN 9-MAY 4

ENGINEERING MECHANICS (CONTINUED)

INTRO NONDESTR EVAL E M 350 3 CREDITS  
 Prereq: 324, MATH 266, PHYS 222  
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.  
 Available for nonmajor graduate credit  
 1355005 1 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4

PRIN NONDESTRC TEST E M 362 3 CREDITS  
 Prereq: PHYS 112 OR 222  
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.  
 Available for nonmajor graduate credit  
 3011005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 3011600 XE ARRANGED BOWLER N  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

NONDESTRUC TEST LAB E M 362L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 362  
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.  
 Available for nonmajor graduate credit  
 3012005 A M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 3012010 B T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

MECHANICS OF FLUIDS E M 378 3 CREDITS  
 Prereq: 274  
 Note: LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB IS HELD. COURSE RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.  
 Available for nonmajor graduate credit  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.  
 3013005 1 MWF 10:00-10:50  
 W 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 3013010 2 MWF 10:00-10:50  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 3013015 3 MWF 10:00-10:50  
 W 11:00-1:00  
 MEETS: JAN 9-MAY 4  
 3013020 4 MWF 10:00-10:50  
 T 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 3013025 5 MWF 9:00-9:50  
 R 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 3013030 6 MWF 9:00-9:50  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 3013035 7 MWF 9:00-9:50  
 T 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 3013040 8 MWF 9:00-9:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 3013045 9 MWF 9:00-9:50  
 R 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 3013050 10 MWF 10:00-10:50  
 W 3:10-5:00  
 MEETS: JAN 9-MAY 4

INTMED MECH MATERLS E M 424 3 CREDITS  
 Prereq: 324  
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.  
 Available for nonmajor graduate credit  
 3018005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

INTR FIN ELEM METHD E M 425 3 CREDITS  
 Prereq: 324, MATH 266 OR MATH 267  
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.  
 Available for nonmajor graduate credit  
 3019005 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

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

ENGINEERING MECHANICS (CONTINUED)

INDEP STUDY HONORS E M 490H VAR. CREDITS  
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP  
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APP ELAST&DEF SOLDS E M 516 3 CREDITS  
 Prereq: 510  
 3029005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

EXPERIMNTL MECHANCS E M 517 4 CREDITS  
 Prereq: 510 OR 514 OR 516  
 3030005 TR 9:30-10:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

FINITE ELEMENT ONLY E M 525 3 CREDITS  
 Prereq: 425, MATH 385  
 3034005 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

INTR RANDM VIB&NONL E M 543 3 CREDITS  
 Prereq: 444  
 2798005 ARRANGED  
 MEETS: JAN 9-MAY 4

FUND NONDESTRU EVAL E M 550 4 CREDITS  
 Prereq: 324, MATH 385  
 8108005 MWF 10:00-10:50  
 T 9:00-10:50  
 MEETS: JAN 9-MAY 4

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

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

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

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

SPL TOP ADV EXP MTH E M 690N 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

SPL TOP RELIAB&FAIL E M 690R 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 690S 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP E M 697 R CREDIT  
 Prereq: PERMISSION OF DOGE, GRAD CLASSIFICATION  
 Satisfactory-Fail Only.  
 8134005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: College permission required.

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

**ENGINEERING STUDIES**

ENGNR:THOT TO THING E ST 260 3 CREDITS  
 5528005 MW 10:00-10:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

ENGINEERING STUDIES (CONTINUED)

SURVEY ENGR IMPACTS E ST 265 3 CREDITS  
 5564005 ARRANGED  
 MEETS: JAN 9-MAY 4

SURV HOW THINGS WRK E ST 270 3 CREDITS  
 7455005 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY E ST 490 1- 3 CREDITS  
 7483005 Prereq: PERMISSION OF INSTRUCTOR  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: College permission required.

**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 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 ENGL DEPT; PLACEMENT  
 IS DETERMINED BY EXAMINATION  
 Note: DEVELOPMENTAL ENGL 99L FEE APPLIES. SEE  
 TUITION AND FEES WEBSITE FOR MORE INFORMATION ON  
 THE FEE.

7774005 1 MW 11:00-11:50  
 MEETS: JAN 9-MAY 4

7774010 2 MW 2:10-3:00  
 MEETS: JAN 9-MAY 4

7774015 3 TR 3:40-4:30  
 MEETS: JAN 9-MAY 4

NONNATIVE READING ENGL 99R 0 CREDITS  
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT  
 IS DETERMINED BY EXAMINATION  
 Note: DEVELOPMENTAL ENGL 99R FEE APPLIES. SEE  
 TUITION AND FEES WEBSITE FOR MORE INFORMATION ON  
 THE FEE.

7877005 1 M 12:10-2:00  
 MEETS: JAN 9-MARCH 2

7877010 2 W 12:10-2:00  
 MEETS: JAN 9-MARCH 2

7877015 3 T 12:40-2:30  
 MEETS: JAN 9-MARCH 2

ENGLISH NONNATIVE I ENGL 101B 3 CREDITS  
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN  
 VARIOUS SECTIONS DETERMINED BY EXAMINATION  
 Note: ENGL 101B DOES NOT APPLY TOWARD GRADUATION.

3294005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

3294010 2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

3294015 3 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ENGLISH NONNATIV II ENGL 101C 3 CREDITS  
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN  
 VARIOUS SECTIONS DETERMINED BY EXAMINATION  
 Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION.

3295005 1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

3295010 2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

3295015 3 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

3295020 4 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

3295025 5 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

3295030 6 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

3295035 7 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

ENGLISH NONNATIV II ENGL 101D 3 CREDITS  
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN  
 VARIOUS SECTIONS DETERMINED BY EXAMINATION  
 Note: ENGL 101D DOES NOT APPLY TOWARD GRADUATION.

3296005 1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

3296010 2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

3296015 3 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

3296020 4 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

3296600 XW ARRANGED JUN H  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$225.00

ENGLISH (CONTINUED)

CRITCL THINK&CMUNIC 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.

3298005 FA T 8:00-9:20  
 R 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FA MAY MEET THURSDAYS IN FRILEY HALL  
 COMPUTER LAB

3298010 FB T 9:30-10:50  
 R 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FB MAY MEET THURSDAYS IN FRILEY HALL  
 COMPUTER LAB

3298055 MB T 11:00-12:20  
 R 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC. MB MAY MEET THURSDAYS IN MAPLE-WILLOW  
 LARCH COMPUTER LAB

3298060 MC T 12:40-2:00  
 R 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. MC MAY MEET THURSDAYS IN MAPLE-WILLOW  
 LARCH COMPUTER LAB

3298200 TA WF 8:00-8:50  
 M 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. TA MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3298205 TB WF 9:00-9:50  
 M 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. TB MAY MEET MONDAY IN ROSS HALL COMPUTER LAB

3298235 TG MF 2:10-3:00  
 W 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. TG MAY MEET WEDNESDAY IN ROSS HALL COMPUTER  
 LAB

3298240 TH MF 3:10-4:00  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. TH MAY MEET WEDNESDAY IN ROSS HALL COMPUTER  
 LAB

3298285 TT WF 12:10-1:00  
 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. TT MAY MEET MONDAY IN ROSS HALL COMPUTER  
 ROOM. THIS IS A CROSS-CULTURAL SECTION. US  
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. TV.

3298290 TV WF 12:10-1:00  
 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. TV MAY MEET MONDAY IN ROSS HALL COMPUTER  
 ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL  
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. TT. PLEASE SEE  
 YOUR ADVISOR FOR PERMISSION TO ADD.

3298295 TW WF 1:10-2:00  
 M 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. TW MAY MEET MONDAY IN ROSS HALL COMPUTER  
 ROOM. THIS IS A CROSS-CULTURAL SECTION. US  
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. TX

3298300 TX WF 1:10-2:00  
 M 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. TX MAY MEET MONDAY IN ROSS HALL COMPUTER  
 ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL  
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. TW. PLEASE SEE  
 YOUR ADVISOR FOR PERMISSION TO ADD.

SPEAKG FOR INT'L TA ENGL 180A 3 CREDITS  
 Prereq: NO MORE THAN ONE SECTION OF 180 MAY BE  
 TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL  
 Note: ENGL 180A DOES NOT APPLY TOWARD GRADUATION.  
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED  
 IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.  
 Satisfactory-Fail Only.

3579005 1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

ADV SPEAKG INT'L TA ENGL 180C 3 CREDITS  
 Prereq: NO MORE THAN ONE SECTION OF 180 MAY BE  
 TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL  
 Note: ENGL 180C DOES NOT APPLY TOWARD GRADUATION.  
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED  
 IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.  
 Satisfactory-Fail Only.

3585005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

PRESNTATNS INT'L TA ENGL 180D 3 CREDITS  
 Prereq: NO MORE THAN ONE SECTION OF 180 MAY BE  
 TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL  
 Note: ENGL 180D DOES NOT APPLY TOWARD GRADUATION.  
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED  
 IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.  
 Satisfactory-Fail Only.

3593005 1 TR 3:10-4:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

3593010 2 MW 3:10-4:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

ENGLISH

(CONTINUED)

INTRO STUDY ENGLISH ENGL 199 R CREDIT  
 Note: PLEASE SEE ADVISOR FOR MORE INFORMATION.  
 COURSE RESTRICTED TO ENGL AND TCOMM MAJORS ONLY.  
 Satisfactory-Fail Only.  
 3302005 A ARRANGED  
 MEETS: JAN 9-MARCH 2

POPULR CULTUR ANALY ENGL 205 3 CREDITS  
 Prereq: CREDIT IN OR EXEMPTION FROM 150  
 Note: TOPIC: CSI AMES: DETECTIVE FICTION AND FORENSIC  
 SCIENCE. SPRING 2012  
 3305005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

INTRO CREATIVE WRIT ENGL 207 3 CREDITS  
 Prereq: CREDIT IN OR EXEMPTION FROM 150  
 7369005 A TR 2:10-3:00  
 M 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 7369010 B TR 2:10-3:00  
 M 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 7369015 C TR 2:10-3:00  
 M 5:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 7369020 D TR 2:10-3:00  
 F 5:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 7369025 E TR 2:10-3:00  
 T 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 7369030 F TR 2:10-3:00  
 T 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 7369035 G TR 2:10-3:00  
 T 5:10-6:00PM  
 MEETS: JAN 9-MAY 4

INTRO LINGUISTICS ENGL 219 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPH AND ABOVE.  
 3307005 A MW 1:10-2:00  
 F 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 3307010 B MW 1:10-2:00  
 F 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 3307015 C MW 1:10-2:00  
 F 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 3307020 D MW 1:10-2:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4

DESCRP ENGL GRAMMAR ENGL 220 3 CREDITS  
 Prereq: 250  
 3308005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

BRITISH LIT TO 1800 ENGL 225 3 CREDITS  
 Prereq: 250  
 Note: SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.  
 SEC A2,B2 FOR MAJORS OTHER THAN ENGL, TCOMM.  
 5349005 A1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 5349010 A2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

AMER LIT SINCE 1865 ENGL 228 3 CREDITS  
 Prereq: 250  
 Note: SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.  
 SEC A2,B2 FOR MAJORS OTHER THAN ENGL, TCOMM  
 5360005 A1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.  
 5360010 A2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL,  
 TCOMM.

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
 Prereq: 150 OR EXEMPTION FROM 150; CREDIT FOR OR  
 CONCURRENT 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. PREREQ ENFORCED.  
 3299700 DA MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 3299705 DB MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 3299710 DC MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 3299000 FA WF 8:00-8:50  
 M 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FA MAY MEET MONDAY IN FRILEY HALL COMPUTER  
 ROOM  
 3299005 FB MF 8:00-8:50  
 W 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FB MAY MEET WEDNESDAY IN FRILEY HALL  
 COMPUTER ROOM  
 3299010 FC WF 9:00-9:50  
 M 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FC MAY MEET MONDAY IN FRILEY HALL COMPUTER

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
 ROOM  
 3299015 FD MF 9:00-9:50  
 W 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FD MA MAY MEET WEDNESDAY IN FRILEY HALL  
 COMPUTER ROOM  
 3299020 FE WF 12:10-1:00  
 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FE MAY MEET MONDAY IN FRILEY HALL COMPUTER  
 COMPUTER ROOM  
 3299025 FF MF 12:10-1:00  
 W 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FF MAY MEET WEDNESDAY IN FRILEY HALL COMPUTER  
 ROOM.  
 3299030 FG WF 1:10-2:00  
 M 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FG MAY MEET MONDAY IN FRILEY HALL COMPUTER  
 ROOM  
 3299035 FH MF 1:10-2:00  
 W 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FH MAY MEET WEDNESDAY IN FRILEY HALL COMPUTER  
 ROOM  
 3299040 FJ MF 3:10-4:00  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FJ MAY MEET WEDNESDAY IN FRILEY HALL COMPUTER  
 ROOM  
 3299045 FK MF 4:10-5:00  
 W 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FK MAY MEET WEDNESDAY IN FRILEY HALL COMPUTER  
 ROOM  
 3299050 FL T 11:00-12:20  
 R 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FL MAY MEET THURSDAY IN FRILEY HALL COMPUTER  
 ROOM  
 3299055 FM T 12:40-2:00  
 R 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FM MAY MEET THURSDAY IN FRILEY HALL COMPUTER  
 ROOM.  
 3299060 FN R 2:10-3:30  
 T 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FN MAY MEET TUESDAY IN FRILEY HALL COMPUTER  
 ROOM  
 3299065 FP R 3:40-5:00  
 T 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FP MAY MEET TUESDAY IN FRILEY HALL COMPUTER  
 ROOM  
 3299070 FQ R 9:30-10:50  
 T 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FQ MAY MEET TUESDAY IN FRILEY HALL COMPUTER  
 ROOM  
 3299075 FR R 12:40-2:00  
 T 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FR MAY MEET TUESDAY IN FRILEY HALL COMPUTER  
 ROOM  
 3299080 FS R 8:00-9:20  
 T 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC. FS MAY MEET TUESDAY IN FRILEY HALL COMPUTE  
 ROOM  
 3299100 HA WF 8:00-8:50  
 M 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. HA MAY MEET MONDAY IN HELSER HALL COMPUTER  
 ROOM  
 3299105 HB WF 9:00-9:50  
 M 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. HB MAY MEET MONDAY IN HELSER HALL COMPUTER  
 ROOM  
 3299110 HC MF 10:00-10:50  
 W 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. HC MAY MEET WEDNESDAY IN HELSER HALL COMPUTER  
 ROOM  
 3299115 HD MF 11:00-11:50  
 W 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. HD MAY MEET WEDNESDAY IN HELSER HALL COMPUTER  
 ROOM.  
 3299120 HE WF 12:10-1:00  
 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. HE MAY MEET MONDAY IN HELSER HALL COMPUTER  
 ROOM.  
 3299125 HF WF 1:10-2:00  
 M 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. HE MAY MEET MONDAY IN HELSER HALL COMPUTER  
 ROOM.  
 3299130 HG WF 2:10-3:00  
 M 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC. HG MAY MEET MONDAY IN HELSER HALL COMPUTER



ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
 ROOM  
 3299135 HH MF 2:10-3:00  
 W 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC HH MAY MEET WEDNESDAY IN HELSER HALL COMPUTER ROOM  
 3299140 HJ WF 3:10-4:00  
 M 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC HJ MAY MEET MONDAY IN HELSER HALL COMPUTER ROOM  
 3299145 HK MF 3:10-4:00  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC HK MAY MEET WEDNESDAY HELSER HALL COMPUTER ROOM  
 3299150 HL T 9:30-10:50  
 R 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC HL MAY MEET THURSDAY IN HELSER HALL COMPUTER ROOM  
 3299155 HM R 8:00-9:20  
 T 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC HM MAY MEET TUESDAY IN HELSER HALL COMPUTER ROOM  
 3299160 HN R 9:30-10:50  
 T 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC HN MAY MEET TUESDAY IN HELSER HALL COMPUTER ROOM  
 3299165 HP R 2:10-3:30  
 T 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC HP MAY MEET TUESDAY IN HELSER HALL COMPUTER ROOM  
 3299170 HQ R 3:40-5:00  
 T 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC HQ MAY MEET TUESDAY IN HELSER HALL COMPUTER ROOM  
 3299175 HR T 12:40-2:00  
 R 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC HR MAY MEET THURSDAY IN HELSER HALL COMPUTER ROOM  
 3299180 HS T 2:10-3:30  
 R 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC HS MAY MEET THURSDAY IN HELSER HALL COMPUTER ROOM  
 3299185 HU MF 9:00-9:50  
 W 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC HU MAY MEET WEDNESDAY IN HELSER HALL COMPUTER ROOM  
 3299200 LA R 11:00-12:20  
 T 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC LA MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299205 LB R 12:40-2:00  
 T 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC LB MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299210 LC MF 8:00-8:50  
 W 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC LC MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299215 LD MF 9:00-9:50  
 W 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC LD MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299220 LE WF 12:10-1:00  
 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC LE MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299225 LF MF 12:10-1:00  
 W 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC LF MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299230 LG WF 1:10-2:00  
 M 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC LG MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299235 LH MF 1:10-2:00  
 W 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC LH MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299240 LJ MF 3:10-4:00  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC LJ MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299245 LK MF 4:10-5:00  
 W 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC LK MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
 COMMONS COMPUTER ROOM  
 3299250 LL T 8:00-9:20  
 R 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC LL MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299255 LM T 9:30-10:50  
 R 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC LM MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299260 LN T 2:10-3:30  
 R 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC LN MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299265 LP T 12:40-2:00  
 R 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC LP MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299270 LQ WF 10:00-10:50  
 M 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC LQ MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299275 LR WF 11:00-11:50  
 M 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC LR MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299300 MA WF 9:00-9:50  
 M 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC MA MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299305 MB WF 10:00-10:50  
 M 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC MB MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299310 MC MF 10:00-10:50  
 W 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC MC MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299325 MF MF 11:00-11:50  
 W 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC MG MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299330 MG MF 1:10-2:00  
 W 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC MG MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299335 MH MF 2:10-3:00  
 W 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC MG MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299340 MJ MF 3:10-4:00  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC MJ MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299345 MK MF 4:10-5:00  
 W 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC MK MAY MEET WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299355 MM R 11:00-12:20  
 T 11:00-12:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC MM MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299360 MN T 2:10-3:30  
 R 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC MN MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299365 MP T 3:40-5:00  
 R 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC MP MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299370 MQ R 12:40-2:00  
 T 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC MQ MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299375 MR R 2:10-3:30  
 T 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC MR MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299380 MS WF 8:00-8:50  
 M 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC MS MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM  
 3299400 PA TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB LAPTOP COMPUTERS ARE PROVIDED.

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS  
 3299405 PB TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC PB MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 3299410 PC TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC PC MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 3299415 PD TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC PD MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 3299420 PE TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC PE MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 3299425 PF TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC PF MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.  
 LAPTOP COMPUTERS ARE PROVIDED.  
 3299500 TA T 9:30-10:50  
 R 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC TA MAY MEET THURSDAY IN ROSS HALL COMPUTER  
 LAB  
 3299505 TB T 11:00-12:20  
 R 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC TB MAY MEET THURSDAY IN ROSS HALL COMPUTER  
 LAB  
 3299525 TE R 12:40-2:00  
 T 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC TE MAY MEET TUESDAY IN ROSS HALL COMPUTER LAB  
 3299530 TF R 2:10-3:30  
 T 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC TF MAY MEET TUESDAY IN ROSS HALL COMPUTER LAB  
 3299600 VA WF 8:00-8:50  
 M 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC VA MAY MEET MONDAY IN ROSS HALL COMPUTER LAB  
 3299605 VB WF 9:00-9:50  
 M 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC VB MAY MEET MONDAY IN ROSS HALL COMPUTER LAB  
 3299610 VC MF 2:10-3:00  
 W 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC VC MAY MEET WEDNESDAY IN ROSS HALL COMPUTER  
 LAB  
 3299615 VD MF 3:10-4:00  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC VD MAY MEETS WEDNESDAY IN ROSS HALL COMPUTER  
 LAB  
 3299620 VE WF 3:10-4:00  
 M 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC VE MAY MEET MONDAY IN ROSS HALL COMPUTER LAB  
 3299625 VF WF 1:10-2:00  
 M 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC VF MAY MEET MONDAY IN ROSS HALL COMPUTER LAB  
 3299655 VT R 11:00-12:20  
 T 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC VT MAY MEET TUESDAY IN ROSS HALL COMPUTER  
 ROOM. THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS  
 ONLY. MEETS JOINTLY WITH SEC. VV.  
 3299660 VV R 11:00-12:20  
 T 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC VV MAY MEET TUESDAY IN ROSS HALL COMPUTER  
 ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL  
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. VT. PLEASE SEE  
 YOUR ADVISOR FOR PERMISSION TO ADD.  
 3299665 VW MF 10:00-10:50  
 W 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. VW MAY MEET WEDNESDAY IN ROSS HALL COMPUTER  
 ROOM. THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS  
 ONLY. MEETS JOINTLY WITH SEC. VX.  
 3299670 VX MF 10:00-10:50  
 W 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC. VX MAY MEET WEDNESDAY IN ROSS HALL COMPUTER  
 ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL  
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. VV. PLEASE SEE  
 YOUR ADVISOR FOR PERMISSION TO ADD.  
 3299675 VY MF 11:00-11:50  
 W 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC VY MAY MEET WEDNESDAY IN ROSS HALL COMPUTER  
 ROOM. THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS  
 ONLY. MEETS JOINTLY WITH SEC. VZ.  
 3299680 VZ MF 11:00-11:50  
 W 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC VZ MAY MEET WEDNESDAY IN ROSS HALL COMPUTER  
 ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL  
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. VY. PLEASE SEE  
 YOUR ADVISOR FOR PERMISSION TO ADD.

ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS  
 Prereq: 250, JUNIOR CLASSIFICATION  
 Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB  
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE  
 3314005 1 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 3314010 2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 3314015 3 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 3314020 4 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 3314025 5 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 3314030 6 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 3314035 7 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 3314040 8 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 3314045 9 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 3314170 EM MW 6:00-8:00PM  
 MEETS: JAN 25-APRIL 17  
 Note: SECTION EM FOR MAJORS OTHER THAN L ST, LAS S  
 3314175 ES MW 6:00-8:00PM  
 MEETS: JAN 25-APRIL 17  
 Note: SEC ES FOR L ST, LAS S MAJORS ONLY  
 3314600 XW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: FOR PERMISSION TO REGISTER SEND YOUR REQUEST TO  
 JESLYN@IASTATE.EDU  
 Department permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00  
 3314050 10 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 3314055 11 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 3314060 12 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 3314065 13 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 3314070 14 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 3314075 15 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 3314080 16 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 3314085 17 MWF 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 3314090 18 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 3314095 19 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 3314100 20 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 3314105 21 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 3314110 22 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 3314115 23 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 3314120 24 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 3314125 25 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 3314130 26 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 3314135 27 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 3314140 28 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 CREAT WRITING FICTN ENGL 304 3 CREDITS  
 Prereq: 250, NOT OPEN TO FRESHMEN  
 Note: COURSE IS RESTRICTED TO SOPH AND ABOVE  
 3316005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 3316010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 3316015 C TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 CREAT WRITING NON-F ENGL 305 3 CREDITS  
 Prereq: 250, NOT OPEN TO FRESHMEN  
 3317005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 3317010 B TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 CREAT WRITING POET ENGL 306 3 CREDITS  
 Prereq: 250, NOT OPEN TO FRESHMEN  
 3318005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

ENGLISH (CONTINUED)

REPT&PROPOSAL WRITNG ENGL 309 3 CREDITS  
 Prereq: 250, JUNIOR CLASSIFICATION  
 8089005 A1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 8089010 A2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM  
 8089015 B1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 8089020 B2 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC B2 FOR MAJORS OTHER THAN ENGL, TCOMM  
 8089025 C1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 8089030 C2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

RHETORICAL ANALYSIS ENGL 310 3 CREDITS  
 Prereq: 250  
 8308005 A1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 8308010 A2 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

BIOLOGICL COMMUNICA ENGL 312 3 CREDITS  
 Prereq: 250 OR 105  
 Note: COURSE RESTRICTED TO LIFE SCIENCES MAJORS ONLY  
 6971005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6971010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS  
 Prereq: 250, JUNIOR CLASSIFICATION  
 Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB  
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE  
 3356005 1 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 3356010 2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 3356015 3 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 3356020 4 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 3356025 5 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 3356030 6 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 3356035 7 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 3356040 8 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 3356045 9 MWF 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 3356105 EM TR 6:00-8:00PM  
 MEETS: JAN 26-APRIL 8  
 Note: SEC EM FOR MAJORS OTHER THAN L ST, LAS S  
 3356110 ES TR 6:00-8:00PM  
 MEETS: JAN 26-APRIL 8  
 Note: SEC ES FOR L ST, LAS S MAJORS ONLY  
 3356600 XW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: FOR PERMISSION TO REGISTER SEND YOUR REQUEST TO  
 JESLYN@IASTATE.EDU  
 Department permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 delivery fee \$150.00  
 3356050 10 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 3356055 11 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 3356060 12 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 3356065 13 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 3356070 14 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 3356075 15 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 3356080 16 T 11:00-12:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 16 MEETS ON TUESDAYS AND OTHER WORK IS WWW.

SCIENCE FICTION ENGL 330 3 CREDITS  
 Prereq: 250  
 3312005 A1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.  
 3312010 A2 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM.

ENGLISH (CONTINUED)

STUDIES IN FILM ENGL 335 3 CREDITS  
 Prereq: 250  
 Note: FILM SHOWINGS MAY EXTEND SCHEDULED TIME  
 COURSE TOPIC: THE COEN BROTHERS & HOLLYWOOD  
 CINEMA. SPRING 2012  
 Available for nonmajor graduate credit  
 3322005 A1 T 6:10-9:00PM SAUER G  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 3322010 A2 T 6:10-9:00PM SAUER G  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

AMERICAN INDIAN LIT ENGL 346 3 CREDITS  
 Prereq: 250  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 3325005 A1 TR 9:30-10:50 LARSON S  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 3325010 A2 TR 9:30-10:50 LARSON S  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

CONTEMP AFRI AM LIT ENGL 348 3 CREDITS  
 Prereq: 250  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 3327005 A1 TR 11:00-12:20 POST C  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS  
 3327010 A2 TR 11:00-12:20 POST C  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

RHETORICAL TRADITNS ENGL 350 3 CREDITS  
 Prereq: 250  
 8387005 A1 TR 2:10-3:30 GOSSETT K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.  
 8387010 A2 TR 2:10-3:30 GOSSETT K  
 MEETS: JAN 9-MAY 4  
 Note: SEC. A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

GAY AND LESBIAN LIT ENGL 352 3 CREDITS  
 Prereq: 250  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 8705005 A1 MW 3:10-4:30 HICKOK K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 8705010 A2 MW 3:10-4:30 HICKOK K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

WORLD LIT:1600-PRES ENGL 354 3 CREDITS  
 Prereq: 250  
 Note: Meets international perspectives reqmt  
 3330005 A1 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 3330010 A2 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

STU AMER LIT TO1800 ENGL 360 3 CREDITS  
 Prereq: 250; SOPHOMORE CLASSIFICATION  
 Note: TOPIC: CINEMATIC TAKES ON EARLY AMERICAN  
 LITERATURE & CULTURE. SPRING 2012  
 3334005 A1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS  
 3334010 A2 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

SHAKESPEARE ENGL 370 3 CREDITS  
 Prereq: 250  
 Note: Meets international perspectives reqmt  
 3341005 A1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.  
 3341010 A2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,  
 TCOMM

TCH RDNG OF YNG LIT ENGL 396 3 CREDITS  
 Prereq: 250  
 Note: Available for nonmajor graduate credit  
 3350005 A1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS  
 3350010 A2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 RESTRICTED TO EL ED MAJORS ONLY.

ENGLISH

(CONTINUED)

TEACHNG WRITING SEC ENGL 397 3 CREDITS  
 Prereq: 219 OR 220. MUST BEGIN THE APPLICATION PROCESS FOR ADMISN TO THE UNIV TEACHER ED PROGRAM & INITIATE A STATE OF IOWA DEPT OF CRIMINAL INVESTIGATN BACKGROUND CHECK PRIOR TO THE SEM STUDENT TAKES 397.  
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
 3381005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

CR WRIT WKSHP FICTN ENGL 404 3 CREDITS  
 Prereq: 304  
 3353005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 3353010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 3353015 C TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

CR WRIT WKSHP NON-F ENGL 405 3 CREDITS  
 Prereq: 305  
 3354005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 3354010 B TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

CR WRIT WKSHP POET ENGL 406 3 CREDITS  
 Prereq: 306  
 Note: COURSE NOT OPEN TO FRESHMEN  
 3355005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

TECHNL,RHET,PRO CMM ENGL 411 3 CREDITS  
 Prereq: 310,302,309,313, OR 314; JUNIOR CLASSIF  
 3020005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

BUSI&TECHNICAL EDIT ENGL 415 3 CREDITS  
 Prereq: 302, 309, OR 314; JUNIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 3358005 A1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.  
 3358010 A2 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

STUDNT TCH ENGL&LIT ENGL 417E VAR. CREDITS  
 Prereq: 494, ADMISSION TO TEACHER EDUCATION, APPROVAL OF COORDINATOR SEMESTER PRIOR TO STUDENT TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 7786005 1 ARRANGED  
 MEETS: JAN 9-APRIL 20  
 Note: SEC 1 OFFERED FOR 14 CREDITS.  
 Professional support, field trips &/or travel fee \$420.00  
 7786010 2 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 2 OFFERED FOR 8 CREDITS.  
 Professional support, field trips &/or travel fee \$420.00  
 7786015 3 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 3 OFFERED FOR 8 CREDITS.  
 Professional support, field trips &/or travel fee \$420.00  
 7786020 4 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 4 OFFERED FOR 16 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or travel fee \$420.00

SEMNR ARGUMENTATION ENGL 418 3 CREDITS  
 Prereq: 310; JUNIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 2718005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

HIST OF ENGLISH LANG ENGL 420 3 CREDITS  
 Prereq: 219, 220  
 Note: NOT OPEN TO FRESHMEN OR SOPHOMORES  
 Available for nonmajor graduate credit  
 3360005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

WOMEN,MEN&ENGL LANG ENGL 422 3 CREDITS  
 Prereq: 219  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 9533005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

ENGLISH

(CONTINUED)

2ND LANG LRNG&TCHNG ENGL 425 3 CREDITS  
 Prereq: 219, JUNIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 9321005 A MW 5:10-6:30PM  
 MEETS: JAN 9-MAY 4

SEM:LIT CROSS BOUND ENGL 445 3 CREDITS  
 Prereq: COMPLETION OF 9 CREDITS OF SURVEYS; COMPLETION OF OR CONCURRENT ENROLLMENT IN 339; JUNIOR CLASSIFICATION  
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
 Available for nonmajor graduate credit  
 5391005 A TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

SEMNR TECHNICAL COMM ENGL 477 3 CREDITS  
 Prereq: 302 OR 309 OR 314  
 Note: TOPIC: FEMINIST THEORY & TECHNICAL COMMUNICATION: GENDER, TECHNOLOGY & POWER. SPRING 2012  
 Available for nonmajor graduate credit  
 8884005 A1 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS  
 8884010 A2 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

INTERN BUS,PRO COMM ENGL 487 1- 3 CREDITS  
 Prereq: JUNIOR CLASSIF; PERMISSN OF COORDINATOR; 9 CR IN 302,309,313,314,415 (PREFERRED),416, OR 477  
 Note: Department permission required.  
 9099005 A ARRANGED RUSSELL D  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

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

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

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

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. COURSE RESTRICTED TO  
 UNIVERSITY HONORS STUDENTS.  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE ASSESSMENT ENGL 497 1 CREDIT  
 Prereq: JUNIOR STATUS  
 5677005 A ARRANGED  
 MEETS: JAN 9-MAY 4

RSRCH METHD RHETORC ENGL 501 3 CREDITS  
 Prereq: 6 GRADUATE CREDITS IN ENGLISH  
 8090005 A W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

TCHG 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  
 3388005 A ARRANGED  
 MEETS: JAN 9-MAY 4

TECHNOL IN PRO COMM ENGL 505 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS.  
 5103005 A T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

WRIT PROPOSAL&GRANT ENGL 509 3 CREDITS  
 3393005 A M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

LANGU ASSESS PRACTM ENGL 513 3 CREDITS  
 Prereq: 519  
 8728005 A ARRANGED  
 MEETS: JAN 9-MAY 4

SOCIOLINGUISTICS ENGL 514 3 CREDITS  
 Prereq: 511 OR AN INTRODUCTORY LINGUISTICS COURSE  
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
 3397006 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

2ND LANUAGE ASSESSM ENGL 519 3 CREDITS  
 Prereq: 511  
 3402005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

COMPUTNL ANALY ENGL ENGL 520 3 CREDITS  
 Prereq: 510 AND 511  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
 7580005 A TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

TCH NONNATV LIS&SPK ENGL 525 3 CREDITS  
 Prereq: 511 OR INTRODUCTORY COURSE IN LINGUISTICS  
 2230005 A TR 11:00-12:20 LEVIS J  
 MEETS: JAN 9-MAY 4  
 2230600 XW ARRANGED LEVIS J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

CPR-ASSIST LANG LRN ENGL 526 3 CREDITS  
 Prereq: 511 OR EQUIVALENT  
 3638005 A M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

DISCOURSE ANALYSIS ENGL 527 3 CREDITS  
 Prereq: 511 OR AN INTRO COURSE IN LINGUISTICS  
 Note: COURSE RESTRICTED TO ENGL GRADUATE STUDENTS  
 2052005 A W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

BRITISH LIT TO 1830 ENGL 533 3 CREDITS  
 Prereq: 6 CREDITS IN LITERATURE  
 2243005 A T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC A TOPIC: ROMANTIC TRAVEL & SCIENCE WRITING

FICTION ENGL 538 3 CREDITS  
 Prereq: 6 CREDITS IN LITERATURE  
 3259005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ENVIRONMENTAL LIT ENGL 543 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: COURSE RESTRICTED TO ENGL GRAD STUDENTS ONLY.  
 8359005 A W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

MLTMDIA DSN PRO CMM ENGL 549 3 CREDITS  
 8624005 A R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

ADV CRTVE WRIT WKSP ENGL 551 3 CREDITS  
 Prereq: FOURTH-SEMESTER OR EQUIVALENT STANDING  
 IN THE CREATIVE WRITING AND ENVIRONMENT MFA PROGRAM  
 8367005 A T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

ADV IMAG WRIT:FICTN ENGL 554 3 CREDITS  
 Prereq: 550, GRAD CLASSIFICATION. OPEN TO  
 GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND  
 ENVIRONMENT ONLY WITH PERMISSION.  
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
 3412005 A T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 3412010 B W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

ADV IMAG WRIT:POETR ENGL 556 3 CREDITS  
 Prereq: 550, GRAD CLASSIFICATION. OPEN TO  
 GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND  
 ENVIRONMENT ONLY WITH PERMISSION.  
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
 3413005 A M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 3413010 B T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR STUDENTS NOT FORMALLY ADMITTED TO THE  
 MA PROGRAM IN ENGLISH.  
 Instructor permission required.

STUDIES CREATV WRIT ENGL 557 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.  
 9075005 A W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

CRTV WRT TCHG INTRN ENGL 559 1- 3 CREDITS  
 Prereq: PERMISSION OF PARTICIPATING INSTRUCTORS  
 7431005 A ARRANGED  
 MEETS: JAN 9-MAY 4  
 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.  
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS  
 8229005 A ARRANGED  
 MEETS: JAN 9-MAY 4

INTERN BUS,PRO COMM ENGL 587 1- 3 CREDITS  
 Prereq: 507 PLUS 3 ADDITIONAL GRAD CR IN BUSINESS  
 & TECHNICAL WRITING OR COMPOSITION & RHETORIC, INSTR  
 PERMISSION. LIMITED TO MASTER'S AND DOCTORAL DEGREE  
 CANDIDATES IN FIELD OF RHETORIC AND PRO COMMUNICATION  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012  
 Instructor permission required.  
 3425005 A ARRANGED RUSSELL D  
 MEETS: JAN 9-MAY 4

PRA TCH ENG 2ND LNG ENGL 588 3 CREDITS  
 Prereq: 15 CREDITS TOWARD TESL CERTIFICATE,  
 15 CREDITS TOWARD TESL/AL MASTER'S DEGREE, OR  
 COMPLETION OF ALL OTHER REQUIREMENTS FOR K-12  
 ESL TEACHER ENDORSEMENT  
 3426005 A ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$25.00

SUPV PRACTCM LIT ED ENGL 589 3 CREDITS  
 Prereq: 550, AT LEAST ONE GRADUATE CREATIVE  
 WRITING WORKSHOP, PERMISSION OF INSTRUCTOR  
 7611005 A ARRANGED  
 MEETS: JAN 9-MAY 4

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

ENGLISH

(CONTINUED)

SP TOP RHE&PRO COMM ENGL 590E VAR. CREDITS  
 Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE  
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

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

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

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

TOPCS RHETOR THEORY ENGL 611 3 CREDITS  
 Prereq: 547 OR 548  
 8395005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

SEMNR TEC&APP LINGU ENGL 630 3 CREDITS  
 Prereq: 510, 511  
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.  
 TOPIC: VALIDATION OF LANGUAGE TESTS. SPRING 2012  
 4758005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

PRACTCM TEC &LINGUI ENGL 688 3 CREDITS  
 Prereq: 510, 626, OR EQUIV; AT LEAST 2ND YR  
 PH.D. STUDENT IN APPLIED LINGUISTICS & TECHNOLOGY  
 7633005 A ARRANGED  
 MEETS: JAN 9-MAY 4

RESEARCH ENGL 699 VAR. CREDITS  
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
 MAJOR PROFESSOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

**ENTOMOLOGY**

INTRO TO INSECTS ENT 201 1 CREDIT  
 5197005 A TR 2:10-3:30  
 MEETS: JAN 10-FEB 9

INSECTS AND SOCIETY ENT 211 2 CREDITS  
 Prereq: 201  
 3441005 A TR 2:10-3:30  
 MEETS: FEB 14-MAY 3

PESTICIDE APPL CERT ENT 283 2 CREDITS  
 6695005 MW 2:10-3:00  
 MEETS: JAN 9-MAY 4

INSECTS &OUR HEALTH ENT 374 3 CREDITS  
 Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 3445005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

INSCTS&OUR HLTH LAB ENT 374L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN ENT 374  
 6315005 W 9:00-11:50  
 MEETS: JAN 9-MAY 4

FND ENTOMO&PEST MGT ENT 376 3 CREDITS  
 Prereq: BIOL 101 OR 211  
 Note: CREDIT FOR EITHER ENT 376 OR ENT 386, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Available for nonmajor graduate credit  
 3446005 A TR 12:40-1:30  
 T 2:10-5:00  
 MEETS: JAN 9-MAY 4

3446010 B TR 12:40-1:30  
 W 12:10-3:00  
 MEETS: JAN 9-MAY 4

3446015 C TR 12:40-1:30  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

MGT INSECT PESTS ENT 386 2 CREDITS  
 Prereq: BIOL 101 OR 211  
 Note: CREDIT FOR EITHER ENT 376 OR ENT 386, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Available for nonmajor graduate credit  
 6726005 ARRANGED  
 MEETS: JAN 9-MAY 4

MGT DIS&PEST TGRASS ENT 452 3 CREDITS  
 Prereq: HORT 351  
 5299005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ENTOMOLOGY

(CONTINUED)

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

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

PESTICIDES IN ENVIR ENT 550 2 CREDITS  
 Prereq: GRAD CLASSIFICATION  
 8682005 TR 9:00-9:50  
 MEETS: JAN 9-MAY 4

MGT DIS&PEST TGRASS ENT 552 3 CREDITS  
 Prereq: HORT 351  
 5316005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

INSECT PHYSIOLOGY ENT 555 4 CREDITS  
 Prereq: 370  
 4042005 TR 11:00-12:20  
 R 2:10-5:00  
 MEETS: JAN 9-MAY 4

MEDICAL ENTOMOLOGY ENT 574 4 CREDITS  
 Prereq: 9 CREDITS IN BIOLOGICAL SCIENCES  
 3455005 A MWF 2:10-3:00  
 W 9:00-11:50  
 MEETS: JAN 9-MAY 4

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

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

SPL TOP MEDICAL&VET ENT 590F 1- 3 CREDITS  
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP PHYSL&BIOCH ENT 590H 1- 3 CREDITS  
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TOXICOLOGY ENT 590I 1- 3 CREDITS  
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

SEMINAR ENT 600 1 CREDIT  
 5345005 A M 4:10-5:00  
 MEETS: JAN 9-MAY 4

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

**ENVIRONMENTAL SCIENCE**

ENVIRONMENTAL SCIENCE

(CONTINUED)

ENVIRN SOIL SCIENCE ENSCI 360 3 CREDITS  
 Prereq: AGRON 260 OR GEOL 100 OR 201  
 1924005 1 MW 9:00-9:50 BURRAS C  
 M 1:10-4:00 BURRAS C  
 MEETS: JAN 9-MAY 4  
 1924010 2 MW 9:00-9:50 BURRAS C  
 W 2:10-5:00 BURRAS C  
 MEETS: JAN 9-MAY 4

ANALYS ENVIRON SYST ENSCI 382 3 CREDITS  
 Prereq: 381  
 Note: SECTIONS 1A,2A,ETC. RESTRICTED TO ENSCA, ENSCS  
 MAJORS ONLY. SECTIONS 1B,2B,ETC. RESTRICTED TO MAJORS  
 OTHER THAN ENSCA, ENSCS.  
 Available for nonmajor graduate credit  
 4810005 1A MW 1:10-2:00 CASTELLANO M  
 M 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 4810010 1B MW 1:10-2:00 CASTELLANO M  
 M 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 4810015 2A MW 1:10-2:00  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 4810020 2B MW 1:10-2:00 CASTELLANO M  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4

INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS  
 Prereq: APPROVAL OF ENVIRONMENTAL SCI COORDINATOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPRENTICESHIP ENSCI 391 VAR. CREDITS  
 Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR  
 Note: Permission of coordinator required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENSCI 404 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
 SCIENCES OR ENGINEERING, JUNIOR STANDING  
 Note: COURSE RESTRICTED TO GE AT MAJORS ONLY  
 Available for nonmajor graduate credit  
 3386005 MWF 11:00-11:50 GUTOWSKI W  
 MEETS: JAN 9-MAY 4  
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>  
 3386600 XW ARRANGED GUTOWSKI W  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

WATERSHED MANAGMNT ENSCI 407 4 CREDITS  
 Prereq: A COURSE IN GENERAL BIOLOGY  
 2830005 1 TR 9:30-10:50 SCHULTZ R  
 T 3:10-6:00PM SCHULTZ R  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$30.00

APP GRNDWTR FLW MOD ENSCI 414 3 CREDITS  
 Prereq: GEOL 411 OR C E 473; MATH 165 OR 181  
 Note: Available for nonmajor graduate credit  
 3068005 1 MW 2:10-3:00 SIMPKINS W  
 W 3:10-5:00 SIMPKINS W  
 MEETS: JAN 9-MAY 4

STABLE ISOTOPES ENV ENSCI 426 3 CREDITS  
 Prereq: 4 COURSES IN BIOLOGICAL OR PHYSICAL SCI  
 Note: Available for nonmajor graduate credit  
 6844005 1 TR 9:30-10:50 WANAMAKER A  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00

GIS&GPS NAT RESOURC ENSCI 446 3 CREDITS  
 Prereq: 12 CR IN STUDENT'S MAJOR AT 300 LEVEL  
 OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH  
 ARCGIS  
 3033005 1 TR 8:00-8:50  
 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00  
 3033010 2 TR 8:00-8:50  
 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00  
 3033015 3 TR 8:00-8:50  
 W 10:00-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00  
 3033020 4 TR 8:00-8:50  
 M 10:00-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00

APPL&ENVIR GEOPHYS ENSCI 451 3 CREDITS  
 Prereq: GEOL 100 OR 201; MATH 181 OR EQUIV EXPR  
 OR PERMISSION OF INSTRUCTOR  
 Note: Available for nonmajor graduate credit  
 3090005 1 MW 10:00-10:50 BERESNEV I  
 F 10:00-11:50 BERESNEV I  
 MEETS: JAN 9-MAY 4

SOIL FORMATN&LANDSC ENSCI 463 4 CREDITS  
 Prereq: AGRON 154 OR 260  
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR  
 IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED  
 TOWARD GRADUATION  
 Available for nonmajor graduate credit  
 1935010 1 TR 10:00-10:50 BURRAS C  
 T 2:10-5:00 BURRAS C  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use and field trips & travel fee \$25.00

MICROBIAL ECOLOGY ENSCI 487 3 CREDITS  
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
 Note: Available for nonmajor graduate credit  
 3512005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

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

COOPERATIVE EDUCATN ENSCI 498 R CREDIT  
 Prereq: PERMISSION OF ENSCI COORDINATOR  
 6276005 ARRANGED  
 MEETS: JAN 9-MAY 4

GLOBAL CHANGE ENSCI 504 3 CREDITS  
 Prereq: 4 COURSES IN PHYSICL OR BIOL SCI OR ENGR;  
 JUNIOR, SENIOR, OR GRAD STANDING  
 Note: COURSE RESTRICTED TO GE AT MAJORS ONLY  
 4428005 MWF 11:00-11:50 GUTOWSKI W  
 MEETS: JAN 9-MAY 4

WATERSHED MANAGMNT ENSCI 507 4 CREDITS  
 Prereq: A COURSE IN GENERAL BIOLOGY  
 3868005 1 TR 9:30-10:50 SCHULTZ R  
 T 3:10-6:00PM SCHULTZ R  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$30.00

WTR POLL CNTRL PROC ENSCI 522 3 CREDITS  
 Prereq: 521  
 4517005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

PHY-CHEM TREAT PROC ENSCI 523 3 CREDITS  
 Prereq: C E 520  
 4530005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

AIR POLLUT AIR QUAL ENSCI 524A 1 CREDIT  
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR  
 IN STAT; SENIOR CLASSIFICATION OR ABOVE  
 4534005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

AIR POLLUT &CLIMATE ENSCI 524B 1 CREDIT  
 Prereq: 524A; PHYS 221 OR CHEM 178; MATH 166 OR  
 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION  
 2144005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

AIR POLLUT TREATMNT ENSCI 524D 1 CREDIT  
 Prereq: 524B; PHYS 221 OR CHEM 178; MATH 166 OR  
 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION  
 2645005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

AIR POLLUT AG SOURC ENSCI 524E 1 CREDIT  
 Prereq: 524B; PHYS 221 OR CHEM 178; MATH 166 OR  
 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION  
 2704005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

INTEGRATING GIS&GPS ENSCI 546 3 CREDITS  
 Prereq: 12 CR IN STUDENT MAJOR AT 300 LEVEL OR  
 ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS  
 4698005 1 TR 8:00-8:50  
 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00  
 4698010 2 TR 8:00-8:50  
 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00  
 4698015 3 TR 8:00-8:50  
 W 10:00-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00  
 4698020 4 TR 8:00-8:50  
 M 10:00-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00

ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRONMENTAL STUDIES (CONTINUED)

APPL&ENVIR GEOPHYSC ENSCI 551 3 CREDITS  
 Prereq: GEOL 100 OR 201; MATH 181 OR EQUIV EXPR  
 OR PERMISSION OF INSTRUCTOR  
 3199005 1 MW 10:00-10:50 BERESNEV I  
 F 10:00-11:50 BERESNEV I  
 MEETS: JAN 9-MAY 4

SOIL FORMATN&LANDSC ENSCI 563 4 CREDITS  
 Prereq: AGRON 154 OR 260  
 Note: CREDIT FOR EITHER AGRON/ENSCI 563 OR  
 IA LL/AGRON/ENSCI 563I BUT NOT BOTH, MAY BE APPLIED  
 TOWARD GRADUATION  
 3244010 1 TR 10:00-10:50 BURRAS C  
 T 2:10-5:00, ARRANGED BURRAS C  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use and field trips & travel fee \$25.00

SURFC WTR HYDROLOGY ENSCI 571 3 CREDITS  
 Prereq: C E 372  
 4567005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

SOIL PHYSICS ENSCI 577 3 CREDITS  
 Prereq: RECOMMENDED: AGRON 354 AND MATH 166  
 7360005 MWF 10:00-10:50 HORTON R  
 MEETS: JAN 9-MAY 4

LAB MTHD SOIL PHYSC ENSCI 578 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN 577  
 7362005 M 1:10-4:00 HORTON R  
 MEETS: JAN 9-MAY 4

ANALYS ENVIRNM SYST ENSCI 582 3 CREDITS  
 Prereq: 581  
 6285005 1 MW 1:10-2:00  
 M 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.  
 6285010 2 MW 1:10-2:00  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

ECOSYSTEM ECOLOGY ENSCI 584 3 CREDITS  
 Prereq: COMBINED 12 CREDITS IN BIOLOGY AND CHEM  
 5036005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

MICROBIAL ECOLOGY ENSCI 587 3 CREDITS  
 Prereq: 6 CREDITS IN BIOLOGY AND 6 CR IN CHEM  
 7352005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

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

ADV SOIL BIOCHEM ENSCI 685 2 CREDITS  
 Prereq: AGRON 585  
 5458005 ARRANGED TABATABAI M  
 MEETS: JAN 9-MAY 4

SEMNR ENVIRONMN SCI ENSCI 690 R CREDIT  
 4702001 1 M 4:10-5:00  
 MEETS: JAN 9-MAY 4

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

**ENVIRONMENTAL STUDIES**

ENVIRONMNTL GEOLOGY ENV S 101 3 CREDITS  
 Note: COURSE OFFERED FOR 3 CREDITS ONLY S12.  
 3418005 A MWF 10:00-10:50 HILL B  
 MEETS: JAN 9-MAY 4

GEOLOGIC DISASTERS ENV S 111X 1 CREDIT  
 9170005 TR 9:30-10:50 HARDING C  
 MEETS: MARCH 5-MAY 4  
 9170600 XW ARRANGED HARDING C  
 MEETS: MARCH 5-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

INTR RENEW RESOURCES ENV S 120 3 CREDITS  
 5141005 MWF 12:10-1:00 HALL R  
 MEETS: JAN 9-MAY 4  
 5141600 XW ARRANGED HALL R  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: <http://www.registrar.iastate.edu/info/ug-reentry.html>

NAT RESOURCES &AGRI ENV S 130 3 CREDITS  
 2836005 MWF 9:00-9:50 ISENHART T  
 MEETS: JAN 9-MAY 4

WORLD WATER RESOURC ENV S 160 3 CREDITS  
 6343005 MWF 9:00-9:50 FRANZ K  
 MEETS: JAN 9-MAY 4

ENVIRONMNTL BIOLOGY ENV S 173 3 CREDITS  
 2022005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://lasonline.iastate.edu/biol173>  
 2022010 2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 2022600 XW ARRANGED PLEASANTS J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

BIODIVERSITY ENV S 204 2 CREDITS  
 Prereq: ONE COURSE IN LIFE SCIENCES  
 3909005 TR 9:00-10:50  
 MEETS: MARCH 5-MAY 4

GLOBLIZTN &SUSTAINB ENV S 220 3 CREDITS  
 Note: Meets international perspectives reqmt  
 3862005 1 MW 2:10-3:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4

SOILS&ENVIR QUALITY ENV S 260 3 CREDITS  
 5508005 1 MWF 12:10-1:00 BURRAS C  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00

FND NAT R PLCY&HIST ENV S 270 3 CREDITS  
 3572005 TR 12:40-2:00 PRITCHARD J  
 ARRANGED PRITCHARD J  
 MEETS: JAN 9-MAY 4

ENERGY &THE ENVIRON ENV S 324 3 CREDITS  
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD  
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR  
 7863005 1 MWF 11:00-11:50 SIMPKINS W  
 MEETS: JAN 9-MAY 4

WORLD FOOD ISSUES ENV S 342 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 1733005 1 TR 11:00-12:20 ZDORKOWSKI G  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00  
 1733010 2 MWF 11:00-11:50 FORD C  
 MEETS: JAN 9-MAY 4  
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,  
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA  
 & PDEXH MAJORS ONLY.  
 Professional support fee \$25.00  
 1733015 3 TR 2:10-3:30 ZDORKOWSKI G  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00  
 1733020 4 MWF 1:10-2:00 FORD C  
 MEETS: JAN 9-MAY 4  
 Note: SEC. 4 RESTRICTED AGRON, CS A, CS H,  
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA  
 & PDEXH MAJORS ONLY.  
 Professional support fee \$25.00  
 1733600 XW ARRANGED FORD C  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$206.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

ENVIR &RESOURC ECON ENV S 380 3 CREDITS  
 Prereq: ECON 101  
 7578005 1 TR 2:10-3:30 HENNESSY H  
 MEETS: JAN 9-MAY 4

ENVIRONMENTL SOCIOL ENV S 382 3 CREDITS  
 Prereq: SOC 130, 134, OR 3 CREDITS OF ENV S  
 7579005 A1 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY  
 7579010 A2 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN SOC, P S A



ENVIRONMENTAL STUDIES (CONTINUED)

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS  
 Prereq: APPROVAL OF THE ENV S COORDINATOR  
 Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2011.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENV S 404 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
 SCIENCES OR ENGINEERING; JUNIOR STANDING  
 Note: COURSE RESTRICTED TO GE AT MAJORS ONLY  
 Available for nonmajor graduate credit  
 8673005 MWF 11:00-11:50 GUTOWSKI W  
 MEETS: JAN 9-MAY 4  
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>  
 8673600 XW ARRANGED GUTOWSKI W  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

WATERSHED MANAGEMENT ENV S 407 4 CREDITS  
 Prereq: A COURSE IN GENERAL BIOLOGY  
 5143005 1 TR 9:30-10:50 SCHULTZ R  
 T 3:10-6:00PM SCHULTZ R  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$30.00

CONTRV NAT RSRC MGT ENV S 460 3 CREDITS  
 Prereq: 120, AND A ECL 312 OR NREM 301, AND  
 JUNIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 2880005 1 TR 11:00-12:20 KNOOT T  
 MEETS: JAN 9-MAY 4

U.S. ENVIRMNTL HIST ENV S 472 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 Available for nonmajor graduate credit  
 9549005 TR 9:30-10:50 COURTWRIGHT J  
 MEETS: JAN 9-MAY 4

SUSTAINABLE COMMUNT ENV S 484 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 7275005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY ENV S 490 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF  
 ENV S COORDINATOR  
 Note: COURSE OFFERED FOR 1-3 CREDITS SPRING 2011.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN ENV S 491 3 CREDITS  
 Prereq: 6 CREDITS IN NATURAL SCIENCES  
 3478005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

**FAMILY&CONSUMER SCIENCES ED&STUDIES**

OCCUPATN,TECH PROGS FCEDS 318 3 CREDITS  
 Prereq: 206 AND 400 HOURS WORK EXPERIENCE IN A  
 FAMILY AND CONSUMER SCIENCES RELATED JOB  
 3980005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

CURRIC PLAN FCS ED FCEDS 413 4 CREDITS  
 Prereq: 306  
 3985005 TR 1:10-5:00  
 MEETS: MARCH 5-MAY 4

SUPR TCHG VOC FAMLY FCEDS 417A 8 CREDITS  
 Prereq: 413, 24 CREDITS IN FAMILY & CONSUMER SCI  
 SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO  
 TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 3987005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$210.00

SUPV TCHG FAMLY SCI FCEDS 417B 3- 8 CREDITS  
 Prereq: 413, 24 CREDITS IN FAMILY & CONSUMER SCI  
 SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO  
 TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 3988005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$210.00

INDEP STUDY GENERAL FCEDS 490G VAR. CREDITS  
 Prereq: DEPARTMENTAL APPROVAL  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FAMILY&CONSUMER SCIENCES ED&STUDIES (CONTINUED)

INDEP STUDY HONORS FCEDS 490H VAR. CREDITS  
 Prereq: DEPARTMENTAL APPROVAL, HONORS PROG MEMBER  
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS  
 ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

OCCUPATN,TECH PROGS FCEDS 518 3 CREDITS  
 Prereq: 400 HOURS WORK EXPERIENCE IN A FAMILY  
 AND CONSUMER SCIENCES RELATED JOB  
 3214005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

SPCL TOP CURRICULUM FCEDS 590C VAR. CREDITS  
 Prereq: 6 CREDITS IN FCS OR EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP EVALUATION FCEDS 590D VAR. CREDITS  
 Prereq: 6 CREDITS IN FCS OR EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GENERAL FCEDS 590G VAR. CREDITS  
 Prereq: 6 CREDITS IN FCS OR EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

**FAMILY FINANCIAL PLANNING**

FAMILY SYSTEMS FFP 520 3 CREDITS  
 8201600 XG ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY  
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT  
 UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL  
 SEATS AVAILABLE IN THE CLASS.  
 Available for nonmajor graduate credit  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

FUND FAMILY FINANCI FFP 530 3 CREDITS  
 8202600 XG ARRANGED  
 MEETS: JAN 11-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY  
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT  
 UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL  
 SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

FINANCIAL COUNSELNG FFP 535 3 CREDITS  
 8211600 XG ARRANGED  
 MEETS: JAN 10-MAY 11  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY  
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT  
 UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL  
 SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

ESTATE PLAN FAMILIE FFP 540 3 CREDITS  
 8212600 XG ARRANGED  
 MEETS: JAN 11-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY  
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT  
 UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL  
 SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

HOUSING&FINANC PLAN FFP 541 3 CREDITS  
 8213600 XG ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY  
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT  
 UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL  
 SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

FAMILY FINANCIAL PLANNING (CONTINUED)

INSURNC PLAN FAMILI FFP 555 3 CREDITS  
 8216600 XG ARRANGED  
 MEETS: JAN 9-APRIL 28  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

PRO PRACTC FIN PLAN FFP 570 3 CREDITS  
 8217600 XG ARRANGED  
 MEETS: JAN 17-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

INVESTG&FAMLY FUTUR FFP 583 3 CREDITS  
 Prereq: HD FS 483  
 8208600 XF ARRANGED SWANSON P  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XF is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

8208605 XH ARRANGED SWANSON P  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XH is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

PRACTICUM FFP 591 3- 6 CREDITS  
 6273600 XF ARRANGED SWANSON P  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.  
 Tuition Category: GPIDEA Consortium  
 Section XF is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

**FINANCE**

PRINCIPL OF FINANCE FIN 301 3 CREDITS  
 Prereq: ACCT 284, ECON 101, STAT 226  
 Note: SEC A1,B1,ETC RESTRICTED TO BUSINESS COLLEGE, AG B, AN S & DY S UNDERGRAD MAJORS. SEC A2,B2,ETC FOR ALL OTHER COLLEGES. NOT OPEN TO P BUS MAJORS CONCURRENT ENROLLMENT OR PRIOR CREDIT IN SCM 301 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370 AND MKT 340.  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.

3689005 A1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370, MKT 340.

3689010 A2 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

3689015 B1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 Note: NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370, MKT 340.

3689020 B2 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

3689025 C1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

3689030 C2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

3689035 D1 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4

3689040 D2 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4

3689045 E1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

3689050 E2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

3689055 F1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

FINANCE (CONTINUED)

PRINCIPL OF FINANCE FIN 301 3 CREDITS  
 3689060 F2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

3689065 G1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

3689070 G2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

3689075 J1 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

3689080 J2 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

CORPORATE FINANCE FIN 310 3 CREDITS  
 Prereq: 301  
 Note: SEC A1,B1,ETC RESTRICTED TO FINANCE MAJORS. SEC A2,B2,ETC FOR BUSINESS MAJORS ONLY. NOT OPEN TO P BUS MAJORS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

3691005 A1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

3691010 A2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

3691015 B1 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

3691020 B2 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

3691025 C1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

3691030 C2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

INVESTMENTS FIN 320 3 CREDITS  
 Prereq: 301  
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2,ETC FOR ACCT, BUS S, BUS U, I BUS, BUSEC, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY.

3692005 A1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

3692010 A2 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

3692015 B1 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

3692020 B2 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

3692025 C1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

3692030 C2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

FIXD INCOME SECURTI FIN 327 3 CREDITS  
 Prereq: 301  
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION Available for nonmajor graduate credit

8796005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

FINAN MKTS&INSTITUT FIN 330 3 CREDITS  
 Prereq: 301  
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN, P BUS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

6829005 A1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

6829010 A2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

6829015 B1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

6829020 B2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

PERSNL RISK MGT&INS FIN 361 3 CREDITS  
 Prereq: ECON 101  
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY.

3693005 A1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

3693010 A2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY  
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS.

REAL ESTATE PRINCIP FIN 371 3 CREDITS  
 Prereq: ECON 101  
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN, P BUS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

3690005 A1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

3690010 A2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

3690015 B1 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

3690020 B2 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

FINANCE

(CONTINUED)

BUS FINANCG DECISNS FIN 415 3 CREDITS  
 Prereq: 301, STAT 326  
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 3698005 A1 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY  
 3698010 A2 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

FIN FUTURES&OPTIONS FIN 424 3 CREDITS  
 Prereq: 320, STAT 326  
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 3697005 A1 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY  
 3697010 A2 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

SECUR ANALY&PORTFOL FIN 425 3 CREDITS  
 Prereq: 320, STAT 326, PERMISSION OF INSTRUCTOR  
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 7201005 A1 R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: A1 RESTRICTED TO FIN MAJORS ONLY  
 College permission required - go to 1200 Gerdin.  
 7201010 A2 R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR COLLEGE OF BUSINESS MAJORS OTHER THAN FUN  
 College permission required - go to 1200 Gerdin.

ADV FIXD INCM ANALY FIN 428 3 CREDITS  
 Prereq: 327, 320, STAT 326, INSTRUCTOR PERMISSION  
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 7492005 A1 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY  
 7492010 A2 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

BANK MGT DECISIONS FIN 445 3 CREDITS  
 Prereq: STAT 326 AND FIN 330 OR ECON 353  
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 3696005 A1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY  
 Instructor permission required.  
 3696010 A2 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

CORPOR RISK MGT&INS FIN 462 3 CREDITS  
 Prereq: 301, STAT 326  
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 9268005 A1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY  
 9268010 A2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

REAL ESTATE FINANCE FIN 472 3 CREDITS  
 Prereq: 301, STAT 326  
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 4555005 A1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.  
 4555010 A2 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

INTRNATIONL FINANCE FIN 480 3 CREDITS  
 Prereq: FIN 301, STAT 326  
 Note: SEC A1, B1 RESTRICTED TO FIN AND I BUS MAJORS ONLY. SE A2, B2 FOR MAJORS OTHER THAN FIN OR P BUS  
 5131005 A1 TR 11:00-12:15  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY  
 5131010 A2 TR 11:00-12:15  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

INDEPENDENT STUDY FIN 490 1- 3 CREDITS  
 Prereq: 301, STAT 326, PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY  
 Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FINANCE

(CONTINUED)

BANKING INTERNSHIP FIN 499A 1- 3 CREDITS  
 Prereq: 330; STAT 326; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 9403005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: College permission required to add during 1st week. Go to 1200 Gerdin.

INSURANCE INTERNSHP FIN 499B 1- 3 CREDITS  
 Prereq: 361; STAT 326; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 9555005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: College permission required to add during 1st week. Go to 1200 Gerdin.

INTERNS REAL ESTATE FIN 499C 1- 3 CREDITS  
 Prereq: 301 PLUS 3 ADDITIONAL CREDITS IN FINANCE; STAT 326; GPA 2.5; PERMISSN OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 3098005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: College permission required to add during 1st week. Go to 1200 Gerdin.

INTERNSHIP INVESTMT FIN 499D 1- 3 CREDITS  
 Prereq: 320, STAT 326, GPA 2.5, PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 6516005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: College permission required to add during 1st week. Go to 1200 Gerdin.

INTERNSHP:CORPORATE FIN 499E 1- 3 CREDITS  
 Prereq: 310, STAT 326, GPA 2.5, PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 2736005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: College permission required - go to 1200 Gerdin.

FIN VALU&CORP DECIS FIN 501 3 CREDITS  
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION  
 9124005 A M 8:30-11:50  
 MEETS: JAN 9-APRIL 2  
 9124600 XA M 5:50-9:10PM DARK F  
 MEETS: JAN 9-APRIL 2  
 Note: CONTACT DEBBIE JOHNSON FOR PERMISSION TO REGISTER AT 515-294-8118/DLJOHNS@IASTATE.EDU.  
 Department permission required.  
 Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$105.00  
 Taught at, in or by DES MOINES

CASE STU FIN DECISN FIN 515 3 CREDITS  
 Prereq: 505  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 7163005 A T 6:00-9:20PM  
 MEETS: JAN 10-APRIL 3

INVESTMENTS FIN 520 3 CREDITS  
 Prereq: 505  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 3704600 XA R 6:00-9:20PM SAPP T  
 MEETS: JAN 12-APRIL 5  
 Note: NON-BUSINESS GRADUATE STUDENTS NEED TO CONTACT BUSINESS GRADUATE OFFICE FOR APPROVAL AT 515-294-8118 OR BUSGRAD@IASTATE.EDU.  
 Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$105.00

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

**FOOD SCIENCE & HUMAN NUTRITION**

FOOD & THE CONSUMER FS HN 101 3 CREDITS  
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR 3 CREDITS EACH OF BIOLOGY AND CHEMISTRY  
 3659005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 3659600 XW ARRANGED WILSON L  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$206.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqqs.php>

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

INTRO CULINRY SKILLS FS HN 104 1 CREDIT  
 Note: COURSE RESTRICTED TO CS A, CS H MAJORS ONLY  
 8416005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

PROFESSNL&EDUC PREP FS HN 110 1 CREDIT  
 Satisfactory-Fail Only.  
 3661005 TR 2:10-3:00  
 MEETS: JAN 9-MARCH 2

FUND OF FOOD PREPAR FS HN 111 2 CREDITS  
 Prereq: 101 OR 167; H.S. CHEMISTRY OR CHEM 160  
 Note: COURSE RESTRICTED TO EVENT, HRI, HSP M, FCEDS,  
 NS A AND NS H MAJORS ONLY  
 3602005 1 MW 9:00-9:50  
 MEETS: JAN 9-MAY 4

ORIE LEARNING&TEAM FS HN 112 2 CREDITS  
 Prereq: 112  
 1546005 1 W 9:00-10:50  
 MEETS: JAN 9-MAY 4

DEV LEARNRS&LEADERS FS HN 114 2 CREDITS  
 Prereq: NREM 112  
 8117005 1 W 4:10-6:00PM WIERSEMA J  
 MEETS: JAN 9-MAY 4

FOOD PREPARATN LAB FS HN 115 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 111 OR 214  
 Note: COURSE RESTRICTED TO CS A, CS H, DIETA, DIETH,  
 FCEDS, FS A, FS H, HRI, HSP M MAJORS ONLY  
 2922005 1 M 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$65.00  
 2922010 2 W 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$65.00  
 2922015 3 R 1:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$65.00  
 2922020 4 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$65.00  
 2922025 5 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$65.00

INTRO HUMAN NUTRITN FS HN 167 3 CREDITS  
 Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY  
 3600005 1 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 3600600 XW ARRANGED MARTIN R  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$100.00

ISSU FOOD SCI&NUTRI FS HN 203 1 CREDIT  
 8685005 1 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 8685010 2 R 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 8685015 3 F 3:10-4:00  
 MEETS: JAN 9-MAY 4

SCIENTIF STUDY FOOD FS HN 214 3 CREDITS  
 Prereq: 167 OR 265; CHEM 231 OR 331  
 3603005 1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

ADV FOOD PREPAR LAB FS HN 215 2 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 214  
 Note: COURSE RESTRICTED TO CS A, CS H, DIETA, DIETH, FS  
 A, FS H MAJORS ONLY  
 2928005 1 TR 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$90.00

SOCIE IMPCTS FD SYS FS HN 242 3 CREDITS  
 2950005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

NUTRI ACTIV LIFSTYL FS HN 265 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN BBMB 301  
 OR CREDIT IN FS HN 264  
 6232005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

FOUNDTN CULINRY SCI FS HN 314 1 CREDIT  
 Prereq: 214, JUNIOR CLASSIFICATION  
 8446005 1 W 9:00-9:50  
 MEETS: JAN 9-MAY 4

WORLD FOOD ISSUES FS HN 342 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 1923005 1 TR 11:00-12:20 ZDORKOWSKI G  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00  
 1923010 2 MWF 11:00-11:50 FORD C  
 MEETS: JAN 9-MAY 4  
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,  
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA  
 & PDEXH MAJORS ONLY.  
 Professional support fee \$25.00

WORLD FOOD ISSUES FS HN 342 3 CREDITS  
 1923015 3 TR 2:10-3:30 ZDORKOWSKI G  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00  
 1923020 4 MWF 1:10-2:00 FORD C  
 MEETS: JAN 9-MAY 4  
 Note: SEC. 4 RESTRICTED AGRON, CS A, CS H,  
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA  
 & PDEXH MAJORS ONLY.  
 Professional support fee \$25.00  
 1923600 XW ARRANGED FORD C  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$206.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

UNIT OP FOOD PROCES FS HN 351 3 CREDITS  
 Prereq: A COURSE IN CALCULUS, PHYS 106  
 Note: Available for nonmajor graduate credit  
 7085005 1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00

NUTRI&HEALTH ASESMT FS HN 361 2 CREDITS  
 Prereq: 265, 3 CR BIOCHEM; RECOMMEND 3 CR PHYSIOL  
 Note: Available for nonmajor graduate credit  
 3608005 1 T 1:10-2:00  
 R 1:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$50.00

NUTRIT GROWTH & DEV FS HN 362 3 CREDITS  
 Prereq: 360; CR OR ENRLMT IN A PHYSIOLOGY COURSE  
 Note: Available for nonmajor graduate credit  
 7271005 1 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

OBESITY &WEIGHT MGT FS HN 365 3 CREDITS  
 Prereq: 364  
 2978005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

COMMUNCT NUTRI MSGS FS HN 366 2 CREDITS  
 Prereq: 167 OR 265  
 1553005 MW 11:00-11:50  
 MEETS: JAN 9-MAY 4

MED TERMNOL FOR PRO FS HN 367X 1 CREDIT  
 9487005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 9487600 XW ARRANGED MARTIN R  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT ROSE MARTIN FOR PERMISSION TO REGISTER AT  
 515-294-9231/RLMARTIN@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$100.00

FOOD LAWS&REGL PROC FS HN 403 2 CREDITS  
 Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT  
 200 LEVEL OR ABOVE  
 Note: Available for nonmajor graduate credit  
 3679005 1 MW 3:10-4:00  
 MEETS: JAN 9-MAY 4

FOOD QUAL ASSURANCE FS HN 405 3 CREDITS  
 Prereq: 214 OR 471; STAT 101 OR 104  
 Note: Available for nonmajor graduate credit  
 3667005 1 MF 1:10-2:00  
 W 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$65.00  
 3667010 2 MF 1:10-2:00  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$65.00

SAFTY FOOD FROM ANI FS HN 407 3 CREDITS  
 Prereq: 420  
 1882005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

FOOD ANALYSIS FS HN 410 3 CREDITS  
 Prereq: 214 OR 311 OR CHEM 211; TSM 115  
 Note: Available for nonmajor graduate credit  
 3668005 1 MW 10:00-10:50  
 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00  
 3668010 2 MW 10:00-10:50  
 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$90.00

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD INGRD INTERAC FS HN 411 2 CREDITS  
 Prereq: 214 OR 311  
 Note: Available for nonmajor graduate credit  
 3613005 1 F 8:00-8:50  
 F 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$65.00

FOOD PRODUCT DEVELP FS HN 412 4 CREDITS  
 Prereq: 311 OR 411, 471  
 Note: Available for nonmajor graduate credit  
 3618005 1 TR 1:10-2:00  
 TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$95.00  
 3618010 2 TR 1:10-2:00  
 TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$95.00

FOODBORNE HAZARDS FS HN 419 3 CREDITS  
 Prereq: MICRO 201 OR 302, A COURSE IN BIOCHEMISTRY  
 Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR  
 FS HN/NUTRS/TOX 519, BUT NOT BOTH, MAY BE APPLIED  
 TOWARD GRADUATION  
 Available for nonmajor graduate credit  
 8419005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

MED NUTRI&DISEAS II FS HN 464 3 CREDITS  
 Prereq: 360, 461, 3 CR IN PHYSIOLOGY AT 300 LEVEL  
 OR ABOVE  
 4599005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A OFFERED FOR 3 CREDITS SPRING 2011.

NUTR COUNS&ED METHD FS HN 466 3 CREDITS  
 Prereq: 361, 362  
 3616005 1 MW 9:00-10:50  
 MEETS: JAN 9-MAY 4

MOLEC NU&DISEAS PRV FS HN 467 3 CREDITS  
 Prereq: 360 OR EQUIVALENT  
 3014005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

PRO COMM FD SC&NUTR FS HN 480 1 CREDIT  
 Prereq: 203, SENIOR CLASSIFICATN IN THE DEPARTMT  
 3611005 1 MW 12:10-1:00  
 MEETS: JAN 9-MARCH 2  
 3611010 2 MW 12:10-1:00  
 MEETS: JAN 9-MARCH 2  
 3611015 3 M 3:10-4:00  
 MEETS: JAN 9-MAY 4

ISSUES FOOD SAFETY FS HN 489 1 CREDIT  
 Prereq: 419 OR 420; 403; CREDIT OR ENROLLMENT  
 IN 101 OR 272 OR HRI 233  
 8347005 MW 2:10-3:00  
 MEETS: MARCH 5-MAY 4

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

INDEP STDY FOOD SCI FS HN 490B 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
 TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NUTRITION FS HN 490C 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
 TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INT'L EXP FS HN 490D 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
 TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ENTREPREN FS HN 490E 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
 TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FS HN 490H 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN  
 UNIVERSITY HONORS PROGRAM  
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED  
 TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY  
 HONORS STUDENTS.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK DIETETICS FS HN 491A 1- 4 CREDITS  
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE  
 APPLIED TOWARD GRADUATION.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK FOOD SCI FS HN 491B 1- 4 CREDITS  
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE  
 APPLIED TOWARD GRADUATION.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C 1- 4 CREDITS  
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER  
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE  
 APPLIED TOWARD GRADUATION.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

FOOD PREPAR WRKSHOP FS HN 493X 1- 3 CREDITS  
 Satisfactory-Fail Only.  
 7661005 A M 5:30-8:45PM  
 MEETS: JAN 30-FEB 27  
 Note: SEC A TOPIC: GLUTEN-FREE  
 Materials and equipment use fee \$25.00

SERV LEARN HUM NUTR FS HN 494 1 CREDIT  
 Prereq: 360. PERMISSION OF INSTRUCTOR REQUIRED  
 WHEN TAKING COURSE A SECOND TIME.  
 Satisfactory-Fail Only.  
 9028005 W 8:00-8:50  
 MEETS: JAN 9-MAY 4

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

ADV FOOD SCI - CHEM FS HN 502 1 CREDIT  
 Prereq: 3 CREDITS IN ORGANIC CHEMISTRY  
 3606005 1 TR 2:10-3:30  
 MEETS: JAN 9-FEB 3

ADV FOOD SCI:PROCES FS HN 503 1 CREDIT  
 Prereq: 3 CREDITS EACH IN PHYSICS AND MATH  
 3625005 1 TR 2:10-3:30  
 MEETS: FEB 14-MARCH 22

ADV FOOD SCI:MICROB FS HN 504 1 CREDIT  
 Prereq: 3 CR EACH MICROBIOL & ORGANIC CHEMISTRY  
 3632005 1 TR 2:10-3:30  
 MEETS: MARCH 27-APRIL 26

SAFTY FOOD FROM ANI FS HN 507 3 CREDITS  
 Prereq: MICRO 420  
 2196005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

SNSRY EVAL OF WINES FS HN 509X 1 CREDIT  
 9280005 R 3:40-5:40  
 MEETS: JAN 9-MAY 4

FOOD PRODUCT DEVELP FS HN 512 4 CREDITS  
 Prereq: 311 OR 411, 471  
 5580005 1 TR 1:10-2:00  
 TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$95.00

MICROBIOLOGY OF FOOD FS HN 521X 2 CREDITS  
 Prereq: MICROBIOLOGY WITH LAB  
 4811600 XG ARRANGED  
 MEETS: JAN 17-MAY 4  
 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

FOOD SAFETY& SECRTY FS HN 523X 2 CREDITS  
 Prereq: MICROBIOLOGY WITH LAB  
 9441600 XG ARRANGED  
 MEETS: JAN 17-MAY 4  
 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 SCIENCE & HUMAN NUTRITION (CONTINUED)

PRINCIPLES OF HACCP FS HN 525X 2 CREDITS  
 Prereq: UNDERGRADUATE BIOLOGY AND CHEMISTRY COURSES  
 9442600 XG ARRANGED  
 MEETS: JAN 17-MAY 4  
 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

FERMNTD FOOD MICROB FS HN 527X 2 CREDITS  
 7093600 XG ARRANGED  
 MEETS: JAN 9-APRIL 28  
 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 CONCPPTS FS HN 528X 2 CREDITS  
 Prereq: ENROLLMENT IN FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR  
 9448600 XG ARRANGED  
 MEETS: JAN 17-MAY 4  
 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

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7123005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: JAN 10-FEB 9  
 Note: Materials and equipment use fee \$25.00

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7124005 TR 1:10-2:00 NOTT J  
 TR 2:10-4:00 NOTT J  
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS FS HN 542C 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7130005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: MARCH 27-APRIL 26

INTR PLNT TRNSFM TQ FS HN 542D 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7131005 WF 12:30-4:00  
 MEETS: FEB 1-APRIL 20

INTR METABLMCS TCNQ FS HN 542F 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 9017005 M 1:10-4:00, ARRANGED  
 MEETS: FEB 6-APRIL 16  
 Note: Materials and equipment use fee \$25.00

INTRO GENOMIC TECNQ FS HN 542G 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7705005 M 2:10-4:00  
 W 2:10-4:00  
 MEETS: MARCH 5-APRIL 2

DIETETC INTERNSHP I FS HN 554 5 CREDITS  
 Prereq: FOR STUDENTS ENROLLED IN THE DIETETIC INTERNSHIP PROGRAM ONLY  
 3050600 XW ARRANGED ANDERSON J  
 MEETS: JAN 3-MAY 1  
 Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER AT 515-294-7316/JANDERSO@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$550.00

DIETETC INTERNSH II FS HN 555 4 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 554. FOR STUDENTS IN THE DIETETIC INTERNSHIP PROGRAM ONLY.  
 3055600 XW ARRANGED ANDERSON J  
 MEETS: JAN 3-MAY 1  
 Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER AT 515-294-7316/JANDERSO@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$450.00

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

NUTR COUNS&ED METHD FS HN 566 3 CREDITS  
 Prereq: GRAD STUDENT STATUS  
 Note: SCHEDULED HOURS ARE FOR EXAMS AND PROJECT CONFERENCES  
 2223005 1 MW 9:00-10:50  
 MEETS: JAN 9-MAY 4

SEMINAR FS HN 581 1 CREDIT  
 Satisfactory-Fail Only.  
 7974005 T 11:00-11:50  
 MEETS: JAN 9-MAY 4

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

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

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

CREATIVE COMPONENT FS HN 599 VAR. CREDITS  
 3213005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 3213045 MT ARRANGED  
 MEETS: JAN 9-MAY 4

INSTRU MEAS FD QUAL FS HN 606 3 CREDITS  
 Prereq: 311 OR 411 OR 502 OR BBMB 404  
 3649005 MF 9:00-9:50  
 R 10:00-12:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$80.00

LIPID CHEM &APPLICA FS HN 612 3 CREDITS  
 Prereq: 311 OR 411 OR 502 OR BBMB 404  
 3682005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

ADV FOOD MICROBIOLG FS HN 626 3 CREDITS  
 Prereq: 420 OR 421 OR 504  
 3685005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

RAPID MTH FD MICROB FS HN 627 2 CREDITS  
 Prereq: 420 OR 421 OR 504  
 8350005 1 MW 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 8350600 XF ARRANGED BREHM-STECHER B  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Course delivery is WWW  
 Section XF is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

8350605 XH ARRANGED BREHM-STECHER B  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Tuition Category: GPIDEA Consortium  
 Section XH is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

8350610 XW ARRANGED BREHM-STECHER B  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00

SEMINAR FS HN 681 1 CREDIT  
 3648005 W 4:10-5:00  
 MEETS: JAN 9-MAY 4

SEMINAR REFLECTION FS HN 682 R CREDIT  
 Satisfactory-Fail Only.  
 9178005 1 W 4:10-5:00  
 MEETS: JAN 9-MAY 4

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

RESRCH FOOD SCI&TEC FS HN 699 VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**FORESTRY**

WOOD PROPERTIES &ID FOR 280 4 CREDITS  
 1420005 A TR 9:30-10:50 STOKKE D  
 T 12:10-3:00 STOKKE D  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

FORESTRY

(CONTINUED)

PESTICIDE APPL CERT FOR 283 2 CREDITS  
5219005 MW 2:10-3:00  
MEETS: JAN 9-MAY 4

SPL PROB LEADERSHIP FOR 290A 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7928005 ARRANGED  
MEETS: JAN 9-MAY 4

SPL PROB ECOSYS MGT FOR 290B 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7929005 ARRANGED  
MEETS: JAN 9-MAY 4

SPL PRB RESRC CNSRV FOR 290C 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7930005 ARRANGED  
MEETS: JAN 9-MAY 4

SPL PROB URB&COMMUN FOR 290D 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7931005 ARRANGED  
MEETS: JAN 9-MAY 4

SPL PROB WOOD SCIEN FOR 290E 1- 4 CREDITS  
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN  
7932005 ARRANGED  
MEETS: JAN 9-MAY 4

SILVICULTURE FOR 302 3 CREDITS  
Prereq: 201  
Note: Available for nonmajor graduate credit  
3718005 A MF 2:10-3:00 HALL R  
W 2:10-5:00 HALL R  
MEETS: JAN 9-MAY 4  
Note: Field trips & travel fee \$25.00

FOREST RESOURC ECON FOR 451 4 CREDITS  
Prereq: 203, MATH 150  
Note: Available for nonmajor graduate credit  
3731005 A MWF 10:00-10:50 TYNDALL J  
M 3:10-6:00PM TYNDALL J  
MEETS: JAN 9-MAY 4

FORESTRY PRACTICUM FOR 454 3 CREDITS  
Prereq: 20 CREDITS IN STUDENT'S MAJOR AT  
300 LEVEL OR ABOVE  
Note: Available for nonmajor graduate credit  
Instructor permission required 1st week.  
3734005 A F 9:00-9:50 SCHULTZ R  
MW 8:00-9:50 SCHULTZ R  
MEETS: JAN 9-MAY 4

DRYING WOOD&LIGNOCE FOR 486 3 CREDITS  
Prereq: 280 OR TSM 240  
Note: Available for nonmajor graduate credit  
3738005 MW 11:00-11:50 STOKKE D  
T 3:10-6:00PM STOKKE D  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$50.00

PHYSCL PROP OF WOOD FOR 487 4 CREDITS  
Prereq: 280  
Note: Available for nonmajor graduate credit  
3724005 MW 11:00-11:50 KUO M  
M 3:10-6:00PM KUO M  
MEETS: JAN 9-MAY 4

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

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

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

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

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 4:10-5:30  
MEETS: JAN 9-MAY 4

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

(CONTINUED)

FOR BIOMETRY RESRCH FOR 699B 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&ADMIN RSRCH FOR 699D 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RESRCH FOR 699E 1-12 CREDITS  
Note: Instructor permission required 1st week.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 1-12 CREDITS  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTRY FRENCH II FRNCH 102 4 CREDITS  
Prereq: 101  
Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH  
SCHOOL FRENCH MAY NOT ENROLL IN 102.  
Meets international perspectives reqmt  
3804005 1 MTWR 10:00-10:50  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$25.00

3804010 2 MTWR 11:00-11:50  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$25.00

3804015 3 MTWR 1:10-2:00  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$25.00

3804020 4 MTWR 12:10-1:00  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$25.00

INTERMED FRENCH II FRNCH 202 4 CREDITS  
Prereq: 202  
Note: Meets international perspectives reqmt  
3809005 1 MTWR 1:10-2:00  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$25.00

3809010 2 MTWR 2:10-3:00  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$25.00

READ & WRITNG FRENCH FRNCH 302 3 CREDITS  
Prereq: 202  
6543005 1 MW 3:10-4:30  
MEETS: JAN 9-MAY 4

FRENCH FOR BUSINESS FRNCH 304 3 CREDITS  
Prereq: 301 OR 302  
Note: Meets international perspectives reqmt  
Available for nonmajor graduate credit  
5887005 1 TR 9:30-10:50  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$25.00

STDI FRN/FRANCO LIT FRNCH 340 3 CREDITS  
Prereq: 301 OR 302 (PREFERRED)  
2762005 MWF 11:00-11:50  
MEETS: JAN 9-MAY 4

FR FILM STU IN ENGL FRNCH 378 3 CREDITS  
6267005 1 T 6:10-9:00PM  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$25.00

FRNCH CIVILZTN SMNR FRNCH 476 3 CREDITS  
Note: Available for nonmajor graduate credit  
2898005 1 MWF 1:10-2:00  
MEETS: JAN 9-MAY 4

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

FRENCH INTERNSHIP FRNCH 499 1- 3 CREDITS  
Prereq: 9 CREDITS OF FRENCH AT THE 300 LEVEL/  
PERMISSION OF ADVISOR AND WLC INTERNSHIP COORD. WORK  
EXPERIENCE USING FRNCH LANG SKILLS IN PUBLIC/PRIVATE  
SECTOR, COMBINED W/ ACAD WK UNDER FACULTY SUPERVISN  
Note: CREDIT IN FRNCH 499 MAY ONLY APPLY TOWARD  
GRADUATION IN THE LCP MAJOR. NO MORE THAN 3 CREDITS  
IN FRNCH 499 MAY BE APPLIED TOWARD GRADUATION IN  
THE MAJOR.  
Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**GENETICS**

COOPERATIVE EDUCATN GEN 298 R CREDIT  
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION  
 COORDINATOR; SOPHOMORE CLASSIFICATION  
 4225005 ARRANGED  
 MEETS: JAN 9-MAY 4

PRINCIP OF GENETICS GEN 313 3 CREDITS  
 Prereq: BIOL 211L & 212L, CREDIT OR ENROLLMENT  
 IN ORGANIC CHEMISTRY  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313  
 AND 313L, GEN/AGRON 320  
 9559005 1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

GENETICS LABORATORY GEN 313L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 313  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313  
 AND 313L, GEN/AGRON 320  
 9560005 1 MW 10:00-10:30  
 MW 10:30-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9560010 2 MW 10:00-10:30  
 MW 10:30-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9560015 3 MW 1:10-1:30  
 MW 1:30-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9560020 4 MW 1:10-1:30  
 MW 1:30-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9560025 5 MW 4:10-4:30  
 MW 4:30-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9560030 6 MW 4:10-4:30  
 MW 4:30-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9560035 7 TR 9:30-10:00  
 TR 10:00-11:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9560040 8 TR 9:30-10:00  
 TR 10:00-11:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9560045 9 TR 12:40-1:10  
 TR 1:10-2:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9560050 10 TR 12:40-1:10  
 TR 1:10-2:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9560055 11 TR 3:40-4:10  
 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00  
 9560060 12 TR 3:40-4:10  
 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$225.00

GENET, AGRI&BIOTECHN GEN 320 3 CREDITS  
 Prereq: BIOL 212  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313  
 AND 313L, GEN/AGRON 320  
 3539005 TR 8:00-9:20 SALAS-FERNANDEZ  
 MEETS: JAN 9-MAY 4

HUMAN GENETICS GEN 340 3 CREDITS  
 Prereq: GEN/BIOL 313  
 3794005 TR 11:00-12:30  
 MEETS: JAN 9-MAY 4  
 3794600 XW ARRANGED GIRTON J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

COOPERATIVE EDUCATN GEN 398 R CREDIT  
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION  
 COORDINATOR; JUNIOR CLASSIFICATION  
 4262005 ARRANGED  
 MEETS: JAN 9-MAY 4

GENETICS

(CONTINUED)

ANALYTICAL GENETICS GEN 410 3 CREDITS  
 Prereq: 313 OR BIOL 313  
 Note: Available for nonmajor graduate credit  
 3833005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

EVOLUTNARY GENETICS GEN 462 3 CREDITS  
 Prereq: BIOL 315  
 Note: Available for nonmajor graduate credit  
 3835005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

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

GENETICS RESEARCH GEN 490R 1- 5 CREDITS  
 Prereq: GEN/BIOL 313, JR/SR CLASSIFICATION,  
 PERMISSION OF INSTRUCTOR  
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN  
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS  
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE  
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD  
 GRADUATION.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ATTEND&CRITIQ SEMNR GEN 490S 1 CREDIT  
 Prereq: GEN/BIOL 313, JR/SR CLASSIFICATION,  
 PERMISSION OF INSTRUCTOR  
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN  
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS  
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE  
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD  
 GRADUATION.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LAB TCHG EXPERIENCE GEN 490U 1- 2 CREDITS  
 Prereq: GEN/BIOL 313, JR/SR CLASSIFICATION,  
 PERMISSION OF INSTRUCTOR  
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN  
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS  
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE  
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD  
 GRADUATION.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEN 491 1 CREDIT  
 Prereq: JUNIOR CLASSIFICATION  
 3837005 A W 3:10-4:00  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUC GEN 498 R CREDIT  
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION  
 COORDINATOR; SENIOR CLASSIFICATION  
 4281005 ARRANGED  
 MEETS: JAN 9-MAY 4

**GENETICS - INTERDISCIPLINARY**

ETHICS &BIOLGCL SCI GENET 539 2 CREDITS  
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION  
 OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 9221005 R 1:10-3:00  
 MEETS: JAN 9-MAY 4

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

WORKSHP IN GENETICS GENET 591 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 9313005 W 3:10-4:00  
 MEETS: JAN 9-MAY 4

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS  
 9316005 SR ARRANGED  
 MEETS: JAN 9-MAY 4

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

**GENETICS, DEVELOPMENT & CELL BIOL**

MOLECULAR GENETICS GDCB 511 3 CREDITS  
 Prereq: GEN/BIOL 313 AND BBMB 405  
 2943005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7089005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: JAN 10-FEB 9  
 Note: Materials and equipment use fee \$25.00



GENETICS, DEVELOPMENT & CELL BIOL (CONTINUED)

GEOLOGY (CONTINUED)

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7092005 TR 1:10-2:00 NOTT J  
 TR 2:10-4:00 NOTT J  
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS GDCB 542C 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7096005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: MARCH 27-APRIL 26

INTR PLNT TRNSFM TQ GDCB 542D 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7098005 WF 12:30-4:00  
 MEETS: FEB 1-APRIL 20

INTR METABLMCS TCNQ GDCB 542F 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 9034005 M 1:10-4:00, ARRANGED  
 MEETS: FEB 6-APRIL 16  
 Note: Materials and equipment use fee \$25.00

INTRO GENOMIC TECNQ GDCB 542G 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7424005 M 2:10-4:00  
 W 2:10-4:00  
 MEETS: MARCH 5-APRIL 2

ADV NEUROSCI TECHNQ GDCB 557 2 CREDITS  
 Prereq: NEURO 556 OR EQUIVALENT COURSE  
 Note: Instructor permission required 1st week.  
 9566005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV GENOME INFORMTC GDCB 568 3 CREDITS  
 Prereq: BCB 567, BMB 301, BIOL 315, STAT 430,  
 CREDIT OR ENROLLMENT IN GEN 411  
 5576005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

COMP FUNC GENOM&BIO GDCB 570 3 CREDITS  
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208  
 OR 228, GEN 411, STAT 430  
 5577005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 5577010 2 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

SPECIAL TOPICS GDCB 590 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CURR TOPCS NEUROBIO GDCB 661 2- 3 CREDITS  
 Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR  
 7141005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEMINAR IN GDCB GDCB 690 1 CREDIT  
 Satisfactory-Fail Only.  
 7142005 F 4:10-5:00  
 MEETS: JAN 9-MAY 4

RESEARCH SEMINAR GDCB 696 1 CREDIT  
 Satisfactory-Fail Only.  
 8832005 W 4:10-5:30  
 MEETS: JAN 9-MAY 4

SEM N MOLEC,C,DV BIO GDCB 698 1- 2 CREDITS  
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2012.  
 3856005 M 3:10-5:00  
 MEETS: JAN 9-MAY 4

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

**GEOLOGY**

THE EARTH GEOL 100 3 CREDITS  
 3870005 A MWF 11:00-11:50 DAWSON J  
 MEETS: JAN 9-MAY 4  
 3870010 B MWF 1:10-2:00 DAWSON J  
 MEETS: JAN 9-MAY 4

THE EARTH: LAB GEOL 100L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 100  
 7595005 1 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 7595010 2 T 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 7595015 3 R 7:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 7595020 4 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS  
 7596005 A MWF 10:00-10:50 HILL B  
 MEETS: JAN 9-MAY 4

HISTORY OF EARTH GEOL 102 3 CREDITS  
 Prereq: 100 OR 201; GEOL MAJORS: CONCURRENT  
 ENROLLMENT IN 102L  
 3874005 A MWF 1:10-2:00 HILL B  
 MEETS: JAN 9-MAY 4

HIST OF EARTH: LAB GEOL 102L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 102  
 7597005 1 R 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use and field trips & travel fee \$25.00  
 7597010 2 T 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use and field trips & travel fee \$25.00

EARTH&SPACE SCI LAB GEOL 106L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN 106X  
 8582005 1 M 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 8582010 2 R 3:30-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

EARTH&SPC FOR EL ED GEOL 106X 2 CREDITS  
 8465005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW

GEOLOGIC DISASTERS GEOL 111X 1 CREDIT  
 9152005 TR 9:30-10:50 HARDING C  
 MEETS: MARCH 5-MAY 4  
 9152600 XW ARRANGED HARDING C  
 MEETS: MARCH 5-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

WORLD WATER RESOURC GEOL 160 3 CREDITS  
 3241005 MWF 9:00-9:50 FRANZ K  
 MEETS: JAN 9-MAY 4

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

COOPERATIVE EDUC GEOL 298 R CREDIT  
 Prereq: 100 OR 201, 100L, 102, 102L, PERMISSION  
 OF DEPT COOP EDUC COORDINATOR; SOPH CLASSIFICATION  
 4828005 ARRANGED  
 MEETS: JAN 9-MAY 4

ENERGY &THE ENVIRON GEOL 324 3 CREDITS  
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD  
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR  
 3045005 1 MWF 11:00-11:50 SIMPKINS W  
 MEETS: JAN 9-MAY 4

STRUCTURAL GEOLOGY GEOL 356 5 CREDITS  
 Prereq: 100 OR 201; PHYS 111, MATH 165 OR 181  
 Note: Available for nonmajor graduate credit  
 3882005 A MWF 9:00-9:50 JACOBSON C  
 TR 9:00-11:50  
 MEETS: JAN 9-MAY 4

PETROLOGY GEOL 365 3 CREDITS  
 Prereq: 315, 315L, 316  
 Note: Available for nonmajor graduate credit  
 3883005 1 MW 3:10-4:00 HILL B  
 T 2:10-5:00 FORNADEL A  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUC GEOL 398 R CREDIT  
 Prereq: 100 OR 201, 100L, 102, 102L, PERMISSION  
 OF DEPT COOP EDUC COORDINATOR; JUNIOR CLASSIFICATION  
 4829005 ARRANGED  
 MEETS: JAN 9-MAY 4

APP GRNDWTR FLW MOD GEOL 414 3 CREDITS  
 Prereq: 411 OR C E 473; MATH 165 OR 181  
 Note: Available for nonmajor graduate credit  
 3064005 1 MW 2:10-3:00 SIMPKINS W  
 W 3:10-5:00 SIMPKINS W  
 MEETS: JAN 9-MAY 4

STABLE ISOTOPES ENV GEOL 426 3 CREDITS  
 Prereq: 4 COURSES IN BIOL OR PHYSICAL SCIENCES  
 Note: Available for nonmajor graduate credit  
 6837005 1 TR 9:30-10:50 WANAMAKER A  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00

GEOLOGY (CONTINUED)

GEOLOGY (CONTINUED)

APPL&ENVIR GEOPHYSC GEOL 451 3 CREDITS  
 Prereq: 100 OR 201; MATH 181 OR EQUIV EXPERIENCE  
 OR PERMISSION OF INSTRUCTOR  
 Note: Available for nonmajor graduate credit  
 7599005 1 MW 10:00-10:50 BERESNEV I  
 F 10:00-11:50 BERESNEV I  
 MEETS: JAN 9-MAY 4

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

UNDERGRAD SEMINAR GEOL 495 1 CREDIT  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION  
 8231005 F 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUCATN GEOL 498 R CREDIT  
 Prereq: GEOL 100 OR 201, 100L, 102, 102L, PERMISN  
 OF DEPT COOP EDUC COORDINATOR; SENIOR CLASSIFICATION  
 4830005 ARRANGED  
 MEETS: JAN 9-MAY 4

APP GRNDWTR FLW MOD GEOL 514 3 CREDITS  
 Prereq: GEOL 411 OR C E 473; MATH 165 OR 181  
 3115005 1 MW 2:10-3:00 SIMPKINS W  
 W 3:10-5:00 SIMPKINS W  
 MEETS: JAN 9-MAY 4

STABLE ISOTOP&ENVIR GEOL 526 3 CREDITS  
 Prereq: 4 COURSES IN PHYSICAL OR BIOL SCIENCE  
 6843005 1 TR 9:30-10:50 WANAMAKER A  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00

APPL&ENVIR GEOPHYSC GEOL 551 3 CREDITS  
 Prereq: 100 OR 201; MATH 181 OR EQUIV EXPERIENCE  
 OR PERMISSION OF INSTRUCTOR  
 7602005 1 MW 10:00-10:50 BERESNEV I  
 F 10:00-11:50 BERESNEV I  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

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

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

SPL TOPCS HYDROGEOLOG GEOL 590H 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

SPL TOP COMPUTA&GIS GEOL 590P 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SRFC HYDROL GEOL 590R 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

GRADUATE SEMINAR GEOL 595A 1 CREDIT  
 Prereq: SENIOR OR GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 8219005 F 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

GRADUATE SEMINAR GEOL 595B R CREDIT  
 Prereq: SENIOR OR GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 8220005 F 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

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

ADV SEM EARTH MTRLS GEOL 610A 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 7605005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV SEM ECONOM GEOL GEOL 610B 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 7609005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV SEM GEOTECTONIC GEOL 610E 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 7606005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV SEM HYDROGEOLOGY GEOL 610F 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 7604005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV SEM SURFIC PROC GEOL 610G 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 7608005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV SEM SED&STRATIG GEOL 610H 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 7607005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV SEM PALEOEC&CLI GEOL 610I 1- 3 CREDITS  
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION  
 6710005 ARRANGED  
 MEETS: JAN 9-MAY 4

RES SURFICIAL PROC GEOL 699A VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRATIGRAPHY GEOL 699B VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEDIMENTATION GEOL 699C VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH PALEONTOLOGY GEOL 699D VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

RES STRUCTURAL GEOL GEOL 699F VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY GEOL 699G VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH HYDROGEOLOGY GEOL 699H VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH EARTH SCIENCE GEOL 699I VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

(CONTINUED)

RES MINERAL RESOURC GEOL 699J VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS GEOL 699K VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY GEOL 699L VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TECTONICS GEOL 699M VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES PALEOECO&CLIMAT GEOL 699N VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM GEOL 699O VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH CMPUT MTH&GIS GEOL 699P VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES SURFC HYDROLOGY GEOL 699R VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**GERMAN**

ELEMENTRY GERMAN II GER 102 4 CREDITS  
 Prereq: 101  
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL GERMAN MAY NOT ENROLL IN 102.  
 Meets international perspectives reqmt

3950005 1 MTWR 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

3950010 2 MTWR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

3950015 3 MTWR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

INTERMED GERMAN II GER 202 4 CREDITS  
 Prereq: 201  
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
 BUSINESS EMPHASIS  
 Meets international perspectives reqmt

3954005 1 MTWR 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

3954010 2 MTWR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

COMPOSITION GER 302 3 CREDITS  
 Prereq: 202

3956005 1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

CONVERSATN:CITY EUR GER 305 3 CREDITS  
 Prereq: 202, 301 RECOMMENDED  
 Note: Meets international perspectives reqmt

8405005 1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

GERMANY TODAY GER 320 3 CREDITS  
 Prereq: 301 OR 304  
 Note: Meets international perspectives reqmt

3792005 1 MW 3:10-4:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

GRIMMS' TALES GER 375 3- 4 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT, 6 CREDITS IN GERMAN AT THE 300 LEVEL.  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012.  
 Meets international perspectives reqmt

3960005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 OFFERED FOR 3 CREDIT

3960010 2 TR 9:30-10:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 OFFERED FOR 4 CREDITS

TOPCS GER CULTUR ST GER 476 3- 4 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT, 6 CREDITS IN GERMAN AT THE 300 LEVEL OF COURSES INSTRUCTED IN GERMAN.  
 Note: TOPIC: GERMAN CULTURE  
 Meets international perspectives reqmt  
 Available for nonmajor graduate credit

3958005 1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 OFFERED FOR 3 CREDITS FOR SPRING 2012.  
 Materials and equipment use fee \$25.00

3958020 2 TR 2:10-3:30, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 OFFERED FOR 4 CREDITS FOR SPRING 2012.  
 Materials and equipment use fee \$25.00

GERMAN

(CONTINUED)

INDEPENDENT STUDY GER 490 1- 6 CREDITS  
 Prereq: 6 CR IN GERMAN; PERMISSION OF DEPT CHAIR  
 Note: NO MORE THAN 9 CREDITS IN GERMAN 490 MAY BE APPLIED TOWARD GRADUATION  
 Permission of department chair required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP IN GERMAN GER 499 1- 3 CREDITS  
 Prereq: 9 CREDITS OF GERMAN AT THE 300 LEVEL;  
 PERMISSION OF ADVISOR AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR  
 Note: NO MORE THAN 3 CREDITS OF GER 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR  
 Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**GERONTOLOGY**

DEATH PART OF LIVING GERON 373 3 CREDITS  
 8516005 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00

8516600 XW ARRANGED BENTROTT M  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

ECONOMICS OF AGING GERON 378 3 CREDITS  
 Prereq: 3 CR IN PRINCIPLES OF ECON; 3 CR IN HD FS

8564005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

ENVIR FOR THE AGING GERON 463 3 CREDITS  
 Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH, INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS  
 Note: Meets U.S. diversity reqmt

9003005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00

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

7869005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

7870005 ARRANGED  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY GERON 490 VAR. CREDITS  
 3052005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEM:MNTL HLTH&AGING GERON 501E 3 CREDITS  
 2370005 ARRANGED  
 MEETS: JAN 9-MAY 4

2370600 XG ARRANGED  
 MEETS: JAN 17-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER A 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Meets U.S. diversity reqmt  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

SMNR:SOCIOLOGY&AGING GERON 501P 3 CREDITS  
 4865600 XG ARRANGED  
 MEETS: JAN 7-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER A 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

SURV OF GERONTOLOGY GERON 510 1- 3 CREDITS  
 3053005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADULT DEVELOPMENT GERON 534 3 CREDITS  
 2631600 XG ARRANGED  
 MEETS: JAN 17-MAY 3  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER A 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.  
 Tuition Category: GPIDEA Consortium  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

GERONTOLOGY

(CONTINUED)

ENVIR FOR THE AGING GERON 563 3 CREDITS  
 Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH,  
 INTERIOR DSGN, REHABILITATION, PSYCH OR HD FS  
 Note: Meets U.S. diversity reqmt  
 3807005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00  
 3807010 2 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00  
 3807600 XG ARRANGED  
 MEETS: JAN 17-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER A  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY  
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT  
 UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL  
 SEATS AVAILABLE IN THE CLASS.  
 Meets U.S. diversity reqmt  
 Section XG is off campus  
 Course delivery is WWW

AGING IN FAMLY SETT GERON 577 3 CREDITS  
 Prereq: 9 CREDITS IN SOCIAL SCIENCES  
 9006005 W 9:00-11:40  
 MEETS: JAN 9-MAY 4  
 9006600 XG ARRANGED  
 MEETS: JAN 17-MAY 3  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER A  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY  
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT  
 UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL  
 SEATS AVAILABLE IN THE CLASS.  
 Course delivery is WWW  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

SPECIAL TOPICS GERON 590 VAR. CREDITS  
 3059005 ARRANGED  
 MEETS: JAN 9-MAY 4

**GLOBAL RESOURCE SYSTEMS**

GLOBAL RESOURCE SYS GLOBE 201 3 CREDITS  
 6635005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

ISSU GLOBE RSRCE SYS GLOBE 211 1- 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 201  
 Note: NO MORE THAN 3 CREDITS OF GLOBE 211 MAY BE  
 APPLIED TOWARD DEGREE REQUIREMENTS  
 Satisfactory-Fail Only.  
 6651005 R 3:40-5:00  
 MEETS: JAN 9-MARCH 15  
 Note: OFFERED FOR 1 CREDIT SPRING 2012

GLOBLIZTN &SUSTAINB GLOBE 220 3 CREDITS  
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220  
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT  
 TOWARD ANY ENGINEERING COLLEGE DEGREE  
 Meets international perspectives reqmt  
 3906005 1 MW 2:10-3:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4

APPRENTICESHIP GLOBE 221 R CREDIT  
 Satisfactory-Fail Only.  
 6652005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

INDEPENDENT STUDY GLOBE 290 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY  
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
 8851005 ARRANGED  
 MEETS: JAN 9-MAY 4

INDEP STUDY HONORS GLOBE 290H 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY  
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR,  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 8852005 ARRANGED  
 MEETS: JAN 9-MAY 4

RSRCE SYS INDU NATN GLOBE 301 3 CREDITS  
 Prereq: 201, ECON 101 OR 102  
 6658005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTERNSHIP - GLOBAL GLOBE 321 3- 6 CREDITS  
 Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR;  
 INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL  
 RESOURCE SYSTEMS FACULTY COORDINATOR  
 Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND 322  
 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS  
 8676005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

GLOBAL RESOURCE SYSTEMS

(CONTINUED)

INTERNSHIP - U.S. GLOBE 322 3- 6 CREDITS  
 Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR;  
 INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL  
 RESOURCE SYSTEMS FACULTY COORDINATOR  
 Note: NO MORE THAN 12 CREDITS OF GLOBE 322 AND 321  
 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS  
 8684005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

ECONOMIC DEVELOPMNT GLOBE 385 3 CREDITS  
 Prereq: ECON 101, 102  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 3230005 1 TR 12:40-2:00 LUVAGA E  
 MEETS: JAN 9-MAY 4

SENIOR PROJECT GLOBE 401 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION IN GLOBE  
 6799005 ARRANGED  
 MEETS: JAN 9-MAY 4

GLBE SR PROJ HONORS GLOBE 401H 3 CREDITS  
 8914005 ARRANGED  
 MEETS: JAN 9-MAY 4

GLBL RSOURC CHALLNG GLOBE 402 3 CREDITS  
 6815005 TR 9:30-10:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

INTL ISS SUSTAI DEV GLOBE 446 4 CREDITS  
 Prereq: 3 CREDIT BIOLOGY COURSE, SOPH OR HIGHER  
 CLASSIFICATION, PERMISSION OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 8800005 ARRANGED MULLEN R  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY GLOBE 490A 1- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
 7770005 ARRANGED  
 MEETS: JAN 9-MAY 4

IND STDY ENTREPRENR GLOBE 490E 1- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
 Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 8687005 ARRANGED  
 MEETS: JAN 9-MAY 4

INDEP STUDY HONORS GLOBE 490H 1- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
 Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 6817005 ARRANGED  
 MEETS: JAN 9-MAY 4

IND STDY SERVICE LRN GLOBE 490Z 1- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY  
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR  
 Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 6823005 ARRANGED  
 MEETS: JAN 9-MAY 4

GLBL RSRC ABRD PREP GLOBE 495 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: PREP FOR INDIA, KARNAATKA STATE.  
 'FOOD AND AGRICULTURE IN INDIA: SERVICE LEARNING  
 OPPORTUNITIES IN NUTRITION, ENTREPRENEURSHIP &  
 DEVELOPMENT' STUDY ABROAD SUMMER 2012  
 8845005 ARRANGED  
 MEETS: JAN 9-MAY 4

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS  
 6903005 ARRANGED  
 MEETS: JAN 9-MAY 4

**GRADUATE STUDIES**

PREP FUTR FAC SM II GR ST 586 1- 3 CREDITS  
 Prereq: ADMISSION INTO PFF PROGRAM; COMPLETION  
 OF GR ST 585 OR PERMISSION OF INSTRUCTOR  
 7033005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

PREP FAC TCHG PRACT GR ST 587 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, 585, CR FOR OR  
 CONCURRENT ENROLLMENT IN 586  
 7679005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

GRADUATE STUDIES (CONTINUED)

PREP FTR FAC SPL TP GR ST 588 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, 585, CREDIT FOR  
 OR CONCURRENT ENROLLMENT IN 586  
 8341005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

EXAMINATION ONLY GR ST 600 R CREDIT  
 3972005 ARRANGED  
 MEETS: JAN 9-MAY 4

REQUIRED ENROLLMENT GR ST 601 R CREDIT  
 Note: College permission required.  
 4482005 ARRANGED  
 MEETS: JAN 9-MAY 4

DOC PRELIM REGISTRA GR ST 680 R CREDIT  
 7349005 ARRANGED  
 MEETS: JAN 9-MAY 4

PRACTICAL TRAINING GR ST 697 R CREDIT  
 6905005 ARRANGED  
 MEETS: JAN 9-MAY 4

**GREEK**

ELEM ANCIENT GRK II GREEK 102 4 CREDITS  
 Prereq: 101  
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
 Meets international perspectives reqmt  
 2374005 1 MTRW 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

INTR CLAS GREEK LIT GREEK 332 VAR. CREDITS  
 Prereq: 201  
 Note: Meets international perspectives reqmt  
 2376600 XW MWF 9:30-10:20  
 MEETS: JAN 9-MAY 4  
 Note: FOR PERMISSION TO REGISTER, CONTACT MARGARET MOOK  
 AT MSMOOK@IASTATE OR 515-294-4229. THIS COURSE IS  
 TAUGHT VIA VIDEO STREAM FROM THE UNIVERSITY OF IOWA.  
 LIVE VIEWING IS REQUIRED.  
 COURSE OFFERED FOR 3 CREDITS SPRING 2012  
 Department permission required.  
 Section XW is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$150.00

INDEPENDENT STUDY GREEK 490 1- 6 CREDITS  
 Prereq: 6 CR IN GREEK; PERMISSION OF DEPT CHAIR  
 Note: NO MORE THAN 9 CREDITS IN 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 A1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO KIN H MAJORS  
 ONLY  
 Materials and equipment use fee \$35.00

4081010 A2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN KIN H  
 MAJORS  
 Materials and equipment use fee \$35.00

4081015 B1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC B1 RESTRICTED TO KIN H MAJORS  
 ONLY  
 Materials and equipment use fee \$35.00

4081020 B2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC B2 FOR MAJORS OTHER THAN KIN H MAJORS  
 Materials and equipment use fee \$35.00

4081025 C3 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$35.00

4081035 D1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC D1 RESTRICTED TO KIN H MAJORS  
 Materials and equipment use fee \$35.00

4081040 D2 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC D2 RESTRICTED TO MAJORS OTHER THAN KIN H  
 MAJORS  
 Materials and equipment use fee \$35.00

4081050 E3 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$35.00

HEALTH STUDIES (CONTINUED)

PERS & CONSUMER HLTH H S 110 3 CREDITS  
 4082005 A1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO KIN H, PDEXA,  
 PDEXH MAJORS

4082010 A2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN  
 KIN H, PDEXA, PDEXH

4082015 B1 TR 11:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC B1 RESTRICTED TO KIN H, PDEXA MAJORS ONLY.

4082020 B2 TR 11:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN KIN H,  
 PDEXA.

4082025 C1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

DRUG EDUCATION H S 215 3 CREDITS  
 Prereq: PSYCH 101 OR 230  
 4083005 A1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO KIN H MAJORS.

4083010 A2 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN KIN H

4083015 B1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC B1 RESTRICTED TO KIN H MAJORS.

4083020 B2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN KIN H

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. SECONDARY  
 LICENSURE STUDENTS SHOULD ENROLL IN 375.  
 Instructor permission required 1st week.

4084005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

4084010 2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

INSTR'S 1ST AID&CPR H S 305 2 CREDITS  
 Prereq: 105, CURRENT STANDARD FIRST AID AND  
 COMMUNITY CPR CERTIFICATION  
 4086005 1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

COMMUN&PUBLC HEALTH H S 310 3 CREDITS  
 Prereq: 110  
 Note: COURSE RESTRICTED TO KIN H JUNIORS &  
 SENIORS

4087005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

HUMAN DISEASES H S 350 3 CREDITS  
 Prereq: 110 AND BIOL 255,256  
 Note: SEC A1 RESTRICTED TO KIN H, D EXA, D EXH  
 JRS & SRS ONLY. SEC A2 RESTRICTED TO MAJORS OTHER  
 THAN D EXA, D EXH, KIN H JRS & SRS.

4088005 A1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

4088010 A2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

TEACH-LEARN HLTH ED H S 375 3 CREDITS  
 Prereq: 105, 110, 215  
 Note: ELEMENTARY LICENSURE STUDENTS SHOULD ENROLL IN  
 275. CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT  
 BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 Instructor permission required 1st week.

4089005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

4089010 2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

WRKSITE HLTH PROMOT H S 380 3 CREDITS  
 Prereq: KIN 258, 366, FS HN 167  
 Note: COURSE RESTRICTED TO D EXA, D EXH, KIN H  
 JRS & SRS.

3795005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

SEARCH STRAT EMPLOY H S 385 R CREDIT  
 Prereq: JUNIOR CLASSIFICATION, TO BE TAKEN A  
 MINIMUM OF TWO SEMESTERS PRIOR TO H S 485  
 Note: COURSE RESTRICTED TO KIN H, JRS &  
 ABOVE & FSHNA AND FSHNH GRADUATE STUDENTS.  
 Satisfactory-Fail Only.

3789005 1 R 2:10-3:00  
 MEETS: JAN 9-MAY 4

3789010 2 F 1:10-2:00  
 MEETS: JAN 9-MAY 4

HEALTH STUDIES

(CONTINUED)

SUPV TCHG HLTH,SCDY H S 417A 14 CREDITS  
 Prereq: 375, ADVANCE REGISTRATION REQUIRED  
 Note: Instructor permission required 1st week.  
 9508005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$310.00

TEACH HLTH SEC,ADDL H S 417B VAR. CREDITS  
 Prereq: 375, ADVANCE REGISTRATION REQUIRED  
 Note: Instructor permission required 1st week.  
 9507005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$310.00

FIELD EXPERIENCE H S 485 1-16 CREDITS  
 Prereq: ALL REQUIRED H S COURSES, PERMISSION OF COORDINATOR  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 4095005 ARRANGED  
 MEETS: JAN 9-MAY 4

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 INDEP STUDY H S 490H 1- 3 CREDITS  
 Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HIGHER EDUCATION**

HIGHER EDUC IN U.S. HG ED 504 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: FOR HG ED STUDENTS ONLY - OTHERS BY INSTRUCTOR PERMISSION ONLY  
 4111005 1 R 2:10-5:00  
 MEETS: JAN 9-MAY 4

LEARN,LDRSHP,CMUNTY HG ED 541 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 7154005 T 3:10-5:00 WIERSEMA J  
 MEETS: JAN 9-MAY 4

LDRSH&L IN PRACTICE HG ED 545 3 CREDITS  
 Prereq: 544, GRADUATE CLASSIFICATION  
 6845005 T 11:00-2:00 LICKLIDER B  
 MEETS: JAN 9-MAY 4

COLLEGE TEACHING HG ED 561 3 CREDITS  
 Prereq: 6 GRADUATE CREDITS  
 Note: COURSE RESTRICTED TO EL PS MAJORS ONLY.  
 4112005 F 5:00-8:00PM LICKLIDER B  
 S 9:00-5:00 LICKLIDER B  
 MEETS: JAN 20-FEB 11

STUDENT DEVELOPMENT HG ED 576 3 CREDITS  
 Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM  
 4118600 XW ARRANGED RIVERA M  
 MEETS: FEB 27-APRIL 30  
 Note: CONTACT JUDY WEILAND FOR PERMISSION TO REGISTER AT 515-294-1241/JWEILAND@IASTATE.EDU.  
 Department permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

STUDENTS AMER HG ED HG ED 578 3 CREDITS  
 Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM  
 Note: COURSE RESTRICTED TO EL PS MAJORS ONLY.  
 7348005 R 9:00-11:50 REASON R  
 MEETS: JAN 9-MAY 4  
 7348600 XA R 5:00-8:30PM LAANAN F  
 F 9:00-4:00  
 MEETS: JAN 19-MARCH 2  
 Note: Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$50.00

TOP CM COL FAC EVAL HG ED 580G 1- 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 4125600 XA ARRANGED EBBERS L  
 MEETS: JAN 26-APRIL 13  
 Note: SECTION XA OFFERED FOR 1 CREDIT SPRING 2012.  
 Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$50.00

HIGHER EDUCATION

(CONTINUED)

TOP CM COL ORG&ADMN HG ED 580H 1- 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 4126600 XA ARRANGED DRAKE-ZIERKE S  
 MEETS: JAN 26-APRIL 27  
 Note: SECTION XA OFFERED FOR 2 CREDITS SPRING 2012.  
 Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$50.00

SPL TOP STDT SERVIC HG ED 590A 1- 4 CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

SP TOP FED&STAT AFF HG ED 590E 1- 4 CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED HG ED 590F 1- 4 CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES HG ED 590G 1- 4 CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN HG ED 591 1- 4 CREDITS  
 Prereq: 9 CREDITS GRADUATE WORK  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE SEMINAR HG ED 598 3 CREDITS  
 Prereq: COMPLETION OF 30 CREDITS IN EL PS  
 Note: FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY  
 6275005 1 M 2:10-5:00 EVANS N  
 MEETS: JAN 9-MAY 4

CREATIVE COMPONENT HG ED 599 VAR. CREDITS  
 Prereq: 9 CREDITS IN EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM INT'L HIGHER ED HG ED 615D 1- 4 CREDITS  
 Note: TOPIC: TRENDS IN GLOBAL HIGHER EDUCATION  
 4141005 T 5:30-8:30PM  
 MEETS: JAN 10-APRIL 3

FINANCING HIGHER ED HG ED 665 3 CREDITS  
 Prereq: 504  
 Note: FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY  
 4147005 W 6:10-9:00PM FRIEDEL J  
 MEETS: JAN 9-MAY 4

ACAD ISSUES&CULTURS HG ED 666 3 CREDITS  
 Prereq: 504  
 Note: FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY  
 7319005 T 5:30-8:20PM GANSEMER-TOPF A  
 MEETS: JAN 9-MAY 4

STUDENT DEV THRY II HG ED 676 3 CREDITS  
 Prereq: 576  
 Note: FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY  
 5633005 1 W 2:10-5:00 CROOM N  
 MEETS: JAN 9-MAY 4  
 5633010 2 M 9:00-11:50 CROOM N  
 MEETS: JAN 9-MAY 4

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

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

**HISTORICAL, PHILOSOPHICAL & COMP ED**

PHILOSOPHY OF EDUC H P C 581 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 4060005 T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

HISTORICAL, PHILOSOPHICAL & COMP ED (CONTINUED)

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

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

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

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

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

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

**HISTORY**

INTR WESTERN CIV II HIST 202 3 CREDITS  
 Note: Meets international perspectives reqmt

4151005 1 TR 11:00-11:50 MONROE J  
 W 8:00-8:50  
 MEETS: JAN 9-MAY 4

4151010 2 TR 11:00-11:50 MONROE J  
 W 9:00-9:50  
 MEETS: JAN 9-MAY 4

4151015 3 TR 11:00-11:50 MONROE J  
 W 8:00-8:50  
 MEETS: JAN 9-MAY 4

4151020 4 TR 11:00-11:50 MONROE J  
 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

4151025 5 TR 11:00-11:50 MONROE J  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

4151030 6 TR 11:00-11:50 MONROE J  
 F 8:00-8:50  
 MEETS: JAN 9-MAY 4

4151035 7 TR 11:00-11:50 MONROE J  
 F 8:00-8:50  
 MEETS: JAN 9-MAY 4

4151040 8 TR 11:00-11:50 MONROE J  
 F 10:00-10:50  
 MEETS: JAN 9-MAY 4

4151045 9 TR 11:00-11:50 MONROE J  
 W 10:00-10:50  
 MEETS: JAN 9-MAY 4

4151050 10 TR 11:00-11:50 MONROE J  
 W 12:10-1:00  
 MEETS: JAN 9-MAY 4

4151055 11 TR 11:00-11:50 MONROE J  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

4151060 12 TR 11:00-11:50 MONROE J  
 F 10:00-10:50  
 MEETS: JAN 9-MAY 4

4151065 13 MW 1:10-2:00 MCDONNELL L  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

4151070 14 MW 1:10-2:00 MCDONNELL L  
 R 11:00-11:50  
 MEETS: JAN 9-MAY 4

4151075 15 MW 1:10-2:00 MCDONNELL L  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

4151080 16 MW 1:10-2:00 MCDONNELL L  
 F 10:00-10:50  
 MEETS: JAN 9-MAY 4

4151085 17 MW 1:10-2:00 MCDONNELL L  
 T 8:00-8:50  
 MEETS: JAN 9-MAY 4

4151090 18 MW 1:10-2:00 MCDONNELL L  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4

4151095 19 MW 1:10-2:00 MCDONNELL L  
 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

4151100 20 MW 1:10-2:00 MCDONNELL L  
 F 8:00-8:50  
 MEETS: JAN 9-MAY 4

4151105 21 MW 1:10-2:00 MCDONNELL L  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

4151110 22 MW 1:10-2:00 MCDONNELL L  
 R 11:00-11:50  
 MEETS: JAN 9-MAY 4

4151115 23 MW 1:10-2:00 MCDONNELL L  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

4151120 24 MW 1:10-2:00 MCDONNELL L  
 F 11:00-11:50  
 MEETS: JAN 9-MAY 4

HISTORY (CONTINUED)

SURVEY U.S. HIST II HIST 222 3 CREDITS  
 4156005 1 TR 9:30-10:20 WOLTERS T  
 F 8:00-8:50  
 MEETS: JAN 9-MAY 4

4156010 2 TR 9:30-10:20 WOLTERS T  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

4156015 3 TR 9:30-10:20 WOLTERS T  
 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

4156020 4 TR 9:30-10:20 WOLTERS T  
 W 12:10-1:00  
 MEETS: JAN 9-MAY 4

4156025 5 TR 9:30-10:20 WOLTERS T  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

4156030 6 TR 9:30-10:20 WOLTERS T  
 R 11:00-11:50  
 MEETS: JAN 9-MAY 4

4156035 7 TR 9:30-10:20 WOLTERS T  
 F 11:00-11:50  
 MEETS: JAN 9-MAY 4

4156040 8 TR 9:30-10:20 WOLTERS T  
 F 12:10-1:00  
 MEETS: JAN 9-MAY 4

4156045 9 MW 10:00-10:50 BREMER J  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

4156050 10 MW 10:00-10:50 BREMER J  
 W 12:10-1:00  
 MEETS: JAN 9-MAY 4

4156055 11 MW 10:00-10:50 BREMER J  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

4156060 12 MW 10:00-10:50 BREMER J  
 R 11:00-11:50  
 MEETS: JAN 9-MAY 4

4156065 13 MW 10:00-10:50 BREMER J  
 F 8:00-8:50  
 MEETS: JAN 9-MAY 4

4156070 14 MW 10:00-10:50 BREMER J  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

4156075 15 MW 10:00-10:50 BREMER J  
 F 10:00-10:50  
 MEETS: JAN 9-MAY 4

4156080 16 MW 10:00-10:50 BREMER J  
 F 11:00-11:50  
 MEETS: JAN 9-MAY 4

MOD WONDRS OF WORLD HIST 285 3 CREDITS  
 4164005 TR 11:00-12:20 WOLTERS T  
 MEETS: JAN 9-MAY 4

HERITG ANCIENT WRLD HIST 304 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE

7112005 TR 9:30-10:50 HOLLANDER D  
 MEETS: JAN 9-MAY 4

MEDIEV EUR 300-1500 HIST 316 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE

3229005 MWF 12:10-1:00 BAILEY M  
 MEETS: JAN 9-MAY 4

MDRN EURO 1450-1789 HIST 318 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE

2671005 TR 2:10-3:30 HOUGHTBY J  
 MEETS: JAN 9-MAY 4

ENGLAND 1525-1700 HIST 325 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.

4169005 TR 11:00-12:20 GRIFFITHS P  
 MEETS: JAN 9-MAY 4

HIS CHINA 1912-PRES HIST 337 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.  
 Meets international perspectives reqmt

4172005 TR 11:00-12:20 LIU X  
 MEETS: JAN 9-MAY 4

MODERN JAPANESE HIS HIST 338 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.  
 Meets international perspectives reqmt

8312005 MWF 12:10-1:00 DOBBS C  
 MEETS: JAN 9-MAY 4

HIST AFRICAN AMER I HIST 353 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 Meets U.S. diversity reqmt

8745005 TR 9:30-10:50 ADELEKE R  
 MEETS: JAN 9-MAY 4

HISTORY

(CONTINUED)

U.S.CIVIL WAR&RECON HIST 356 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 4217005 TR 9:30-10:50 HILLIARD K  
 MEETS: JAN 9-MAY 4  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE

WM&MEN ANC MEDITRNN HIST 374 3 CREDITS  
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN,  
 OR GREEK  
 Note: Meets international perspectives reqmt  
 2236005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

EUR SCI&CULT 1715ON HIST 383 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.  
 Meets international perspectives reqmt  
 1279005 MWF 11:00-11:50 ANDREWS J  
 MEETS: JAN 9-MAY 4

HIST OF AMER WOMEN HIST 386 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Meets U.S. diversity reqmt  
 4187600 XW ARRANGED BIX A  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

ROMAN CIVILIZATION HIST 403 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 Available for nonmajor graduate credit  
 4193005 TR 12:40-2:00 HOLLANDER D  
 MEETS: JAN 9-MAY 4

EARLY MIDDLE AGES HIST 405 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 Available for nonmajor graduate credit  
 4194005 MWF 9:00-9:50 BAILEY M  
 MEETS: JAN 9-MAY 4

EURO ECON 1450-1789 HIST 411 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 2648005 TR 11:00-12:20 HOUGHTBY J  
 MEETS: JAN 9-MAY 4

LONDON 1500-1800 HIST 429 4 CREDITS  
 Note: Available for nonmajor graduate credit  
 8517005 TR 2:10-3:30 GRIFFITHS P  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 8517800 EN ARRANGED GRIFFITHS P  
 MEETS: MARCH 9-MAY 4  
 Note: SEC EN TAUGHT IN LONDON, ENGLAND. MONSTROUS  
 LONDON/HISTORY OF LONDON, 1500-1800. STUDY ABROAD  
 SPRING 2012. TRAVEL DATES MARCH 7-19.  
 Study Abroad Administrative Fee Applies

MODERN ENGLAND HIST 431 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 Available for nonmajor graduate credit  
 8634005 TR 12:40-2:00 SCHNEIDER W  
 MEETS: JAN 9-MAY 4

AMER REVOLUTION ERA HIST 451 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 8415005 MWF 10:00-10:50 KEHRBERG R  
 MEETS: JAN 9-MAY 4

AMERICAN FAMILY HIST 456 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 Available for nonmajor graduate credit  
 2763005 TR 12:40-2:00 RINEY-KEHRBERG P  
 MEETS: JAN 9-MAY 4

U.S. ENVIRMNTL HIST HIST 472 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 9189005 TR 9:30-10:50 COURTWRIGHT J  
 MEETS: JAN 9-MAY 4

CHINA AND COLD WAR HIST 479 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE  
 Available for nonmajor graduate credit  
 8450005 TR 2:10-3:30 LIU X  
 MEETS: JAN 9-MAY 4

HISTORY

(CONTINUED)

INDEPENDENT STUDY HIST 490 1- 3 CREDITS  
 Prereq: 9 CREDITS IN HISTORY; PERMISSION OF  
 DEPARTMENT CHAIR  
 Note: SOPHOMORE AND ABOVE CLASSIFICATION. NO MORE  
 THAN 6 CREDITS OF HIST 490 MAY BE APPLIED TOWARD  
 GRADUATION WITH A MAJOR IN HISTORY. NO CREDITS OF  
 HIST 490 MAY BE APPLIED TOWARD A MINOR IN HISTORY.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HISTRIOG&RESRCH WRT HIST 495 3 CREDITS  
 Prereq: SR HISTORY MAJORS WITH AT LEAST 12 CR OF  
 300+ LEVEL HISTORY COURSES  
 Note: COURSE RESTRICTED TO HIST SENIORS ONLY.  
 4238005 1 T 1:10-4:00 MONROE J  
 MEETS: JAN 9-MAY 4  
 4238010 2 W 1:10-4:00 COURTWRIGHT J  
 MEETS: JAN 9-MAY 4  
 4238015 3 T 1:10-4:00 BIX A  
 MEETS: JAN 9-MAY 4

ADV TOPCS N AMER HI HIST 496B 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF  
 INSTRUCTOR  
 Note: TOPIC: AMERICAN LAW  
 3028005 MW 3:10-5:00 SCHNEIDER W  
 MEETS: JAN 9-MAY 4

PROSEM AMERI 20TH C HIST 511C 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 4242005 M 1:10-4:00 BEHNKEN B  
 MEETS: JAN 9-MAY 4

PROSEM AMER AGRICUL HIST 552A 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 4249005 T 6:10-9:00PM HILLIARD K  
 MEETS: JAN 9-MAY 4

HIS METHD HISTORIOG HIST 583C 3 CREDITS  
 3422005 ARRANGED COURTWRIGHT J  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

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

SEM 20TH CENTU AMER HIST 593C 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 4273005 W 1:10-4:00 DOBBS C  
 MEETS: JAN 9-MAY 4

RESEARCH HIST 699 1- 6 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HONORS

SPECIAL PROB HONORS HON 290H VAR. CREDITS  
 Prereq: MEMBERSHIP IN AND PERMISSION OF THE  
 UNIVERSITY HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS  
 ONLY.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL PRB HONORS RESR HON 290U VAR. CREDITS  
 Prereq: MEMBERSHIP IN AND PERMISSION OF THE  
 UNIVERSITY HONORS PROGRAM  
 Satisfactory-Fail Only.  
 4044005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

UNIV HONORS SEMINAR HON 322 1- 2 CREDITS  
 Prereq: MEMBERSHIP IN THE HONORS PROGRAM  
 Note: CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS  
 COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS  
 ONLY.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

UNIV HONORS SEMINAR HON 324 1- 2 CREDITS  
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HON 490 VAR. CREDITS  
 Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM,  
 PERMISSION OF FACULTY DIRECTOR OF UNIV HONORS PROGRAM  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



**HORTICULTURE**

HORTICULTURE

(CONTINUED)

ORIEN LEARNING&TEAM HORT 112 2 CREDITS  
 Prereq: 112  
 1363005 1 W 9:00-10:50  
 MEETS: JAN 9-MAY 4

DEV LEARNRS&LEADERS HORT 114 2 CREDITS  
 Prereq: NREM 112  
 8122005 1 W 4:10-6:00PM WIERSEMA J  
 MEETS: JAN 9-MAY 4

HOME HORTICULTURE HORT 121 2 CREDITS  
 4292005 MW 3:10-4:00  
 MEETS: JAN 9-MAY 4

HANDS-ON HOME HORTI HORT 122 1 CREDIT  
 5497005 1 M 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 5497010 2 W 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

PRINCIP OF HORTICUL HORT 221 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN BIOL 211  
 4296005 1 TR 9:00-9:50  
 T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00  
 4296010 2 TR 9:00-9:50  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

SPANISH FOR HORTICU HORT 225X 3 CREDITS  
 2378005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

EDU YOUTH THRU HORT HORT 282 3 CREDITS  
 7419005 MW 11:00-11:50  
 M 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

PESTICIDE APPL CERT HORT 283 2 CREDITS  
 5221005 MW 2:10-3:00  
 MEETS: JAN 9-MAY 4

PLANT PROPAGATION HORT 322 3 CREDITS  
 Prereq: 221 OR BIOL 211  
 4304005 1 TR 10:00-10:50  
 W 9:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 4304010 2 TR 10:00-10:50  
 W 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

GREENHS OP,MG,CRP I HORT 332 4 CREDITS  
 Prereq: 221  
 Note: Available for nonmajor graduate credit  
 4306005 1 MWF 1:00-1:50  
 M 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$75.00  
 4306010 2 MWF 1:10-2:00  
 W 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$75.00

WOODY PLNT CULTIVRS HORT 341 2 CREDITS  
 Prereq: 240 OR L A 221 OR L A 222  
 2770005 TR 8:00-8:50  
 MEETS: JAN 9-MAY 4

TURFGRASS ESTAB&MGT HORT 351 3 CREDITS  
 Prereq: 221 OR AGRON 114 OR BIOL 211  
 Note: Available for nonmajor graduate credit  
 4309600 XW ARRANGED CHRISTIANS N  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Syllabus: <http://www.hort.iastate.edu/courses/syllabi/hort351/>  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

SOILS &PLANT GROWTH HORT 354 3 CREDITS  
 Prereq: AGRON 154 AND BIOL 101 OR 212  
 Note: Available for nonmajor graduate credit  
 8494005 1 MWF 10:00-10:50 LOYNACHAN T  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.agron.iastate.edu/courses/agron354/>

SOIL&PLANT GRWTH LB HORT 354L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 354  
 Note: COURSE RESTRICTED TO AGRON & HORT MAJORS ONLY.  
 8496005 1 T 12:10-3:00 CHUA T  
 MEETS: JAN 9-MAY 4

8496010 2 T 3:10-6:00PM HASSELMAN E  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$100.00

PRIN GARDEN COMPOSI HORT 380 2 CREDITS  
 Prereq: 240  
 7264005 TR 9:30-10:20  
 MEETS: JAN 9-MAY 4

BEG GARDN COMP STDO HORT 381 2 CREDITS  
 Prereq: 240,330, CONCURRENT ENROLLMENT IN 380  
 Note: COURSE RESTRICTED TO HORT MAJORS ONLY.  
 L A MAJORS MAY NOT APPLY CREDIT IN HORT 381  
 TOWARD GRADUATION.  
 7284005 1 MW 9:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00  
 7284010 2 MW 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00

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

COOPERATIVE EDUCATN HORT 398 R CREDIT  
 Satisfactory-Fail Only.  
 3652005 ARRANGED  
 MEETS: JAN 9-MAY 4

GREENHS MGT&CROP II HORT 435 4 CREDITS  
 Prereq: 330, 332  
 Note: Available for nonmajor graduate credit  
 2659005 TR 9:00-9:50  
 R 11:00-2:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$75.00

MGT DIS&PEST TGRASS HORT 452 3 CREDITS  
 Prereq: 351  
 5311005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ENTRPRIS MGT:PLANTG HORT 465A 3 CREDITS  
 Prereq: ECON 230; 6 CR HORT; JUNIOR CLASSIFICATN  
 OR PERMISSION OF INSTRUCTOR  
 2148005 ARRANGED  
 MEETS: JAN 9-MAY 4

VEGETABL PRODUC&MGT HORT 471 3 CREDITS  
 Prereq: 221 OR AGRON 114 AND AGRON 154 OR 155  
 Note: Available for nonmajor graduate credit  
 4323005 MW 8:00-8:50  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00

ORGANC AG:THRY&PRAC HORT 484 3 CREDITS  
 Prereq: 9 CR IN BIOLOGICAL OR PHYSICAL SCIENCES  
 Note: Available for nonmajor graduate credit  
 3190005 T 6:10-9:00PM DELATE K  
 MEETS: JAN 9-MAY 4  
 3190600 XW ARRANGED DELATE K  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KATHLEEN DELATE FOR PERMISSION TO  
 REGISTER AT 515-294-7069/KDELATE@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is On-site instruction  
 Delivery fee \$156.00

IND ST GREENHS CROP HORT 490A VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
 FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY NURS CROPS HORT 490B VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
 FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

(CONTINUED)

IND STDY TURFGRASS HORT 490C VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE 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 HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
 FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY VEG CROPS HORT 490E VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
 FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO HORT 490F VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
 FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
 FOR GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CREDITS  
 Prereq: JR OR SR CLASSIFICATION IN HORT, PERMISSION  
 OF INSTRUCTOR. A MAXIMUM OF 4 CR OF 490 MAY BE USED  
 TOWARD THE TOTAL OF 128 CR REQUIRED FOR GRADUATION.  
 MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN  
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE  
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
 FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY  
 HONORS STUDENTS.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTRNATL INDEP STDY HORT 490I VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR HORT 490J VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP HORT 491 1- 2 CREDITS  
 Prereq: AGRON 338, ADVANCED APPROVAL AND  
 PARTICIPATION OF EMPLOYER AND INSTRUCTOR  
 Note: Instructor permission required.  
 1734005 1 ARRANGED KNAPP A  
 MEETS: JAN 9-MAY 4  
 1734010 2 ARRANGED MULLEN R  
 MEETS: JAN 9-MAY 4

HORTICULTR WORKSHOP HORT 493 VAR. CREDITS  
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2012  
 Available for nonmajor graduate credit  
 7617005 T 6:00-9:00PM  
 MEETS: JAN 9-MAY 4

SERV LEARN DOMESTIC HORT 494B VAR. CREDITS  
 Note: A MAXIMUM OF 4 CREDITS OF 494 MAY BE APPLIED  
 TOWARD THE HORTICULTURE CREDITS REQUIRED FOR GRADUATION  
 3163800 VI ARRANGED HAYNES C  
 MEETS: MARCH 11-19  
 Note: SEC VI TAUGHT IN VIRGIN ISLANDS. EDUCATING YOUTH  
 THROUGH HORTICULTURE IN THE VIRGIN ISLANDS STUDY  
 ABROAD SPRING 2012 OFFERED FOR 1 CREDIT.  
 Study Abroad Administrative Fee Applies

PBLSH BIOL SCI JRNL HORT 529 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; EVIDENCE OF A  
 PUBLISHABLE UNIT OF THE STUDENT'S RESEARCH DATA  
 2274005 TR 3:10-4:30  
 MEETS: JAN 9-MAY 4

INTRO DNA TECHNIQS HORT 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 3106005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: JAN 10-FEB 9  
 Note: Materials and equipment use fee \$25.00

HORTICULTURE

(CONTINUED)

INTR PROTEIN TECHN HORT 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 3134005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS HORT 542C 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 3107005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: MARCH 27-APRIL 26

INTR PLNT TRNSFM TQ HORT 542D 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 3133005 WF 12:30-4:00  
 MEETS: FEB 1-APRIL 20

INTR METABLMCS TCNQ HORT 542F 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 9024005 M 1:10-4:00, ARRANGED  
 MEETS: FEB 6-APRIL 16  
 Note: Materials and equipment use fee \$25.00

INTRO GENOMIC TECNQ HORT 542G 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7491005 M 2:10-4:00  
 W 2:10-4:00  
 MEETS: MARCH 5-APRIL 2

STRAT DIVERSFD FARM HORT 546 3 CREDITS  
 Prereq: SUSAG 509  
 6120005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$40.00

PERENNIAL GRASSES HORT 551 2 CREDITS  
 Prereq: JUNIOR OR SENIOR OR GRAD CLASSIFICATION  
 OR PERMISSION OF INSTRUCTOR  
 4335005 MW 10:00-10:50  
 MEETS: JAN 9-MAY 4

MGT DIS&PEST TGRASS HORT 552 3 CREDITS  
 Prereq: HORT 351  
 4336005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

PRO PRCTC:RSPBL RES HORT 565A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 3176005 1 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 3176010 2 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

PRO PRCTCE:WRK INDU HORT 565B .5 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 3188005 ARRANGED  
 MEETS: JAN 9-MAY 4

ORGANC AG THRY&PRAC HORT 584 3 CREDITS  
 Prereq: 9 CREDITS IN BIOLOGICAL OR PHYSICAL SCI  
 3403005 T 6:10-9:00PM DELATE K  
 MEETS: JAN 9-MAY 4  
 3403600 XW ARRANGED DELATE K  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KATHLEEN DELATE FOR PERMISSION TO  
 REGISTER AT 515-294-7069/KDELATE@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is On-site instruction  
 Delivery fee \$156.00

SPECIAL TOPICS HORT 590 VAR. CREDITS  
 Prereq: A MAJOR OR MINOR IN HORTICULTURE  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WKSHP GREENHS CROPS HORT 593A VAR. CREDITS  
 4339005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

WKSHP NURSERY CROPS HORT 593B VAR. CREDITS  
 4340005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

WORKSHOP TURFGRASS HORT 593C VAR. CREDITS  
 4341005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

HORTICULTURE (CONTINUED)

WORKSHOP FRUIT CROPS HORT 593D VAR. CREDITS  
 4342005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

WORKSHOP VEG CROPS HORT 593E VAR. CREDITS  
 4343005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

WKSHP CROSS-COMMODT HORT 593F VAR. CREDITS  
 4344005 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2012  
 MW 6:00-9:00PM  
 MEETS: JAN 9-MAY 4

WKSHP LANDSCAP HORT HORT 593G VAR. CREDITS  
 4094005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

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

GRADUATE SEMINAR HORT 610 1 CREDIT  
 4346005 Satisfactory-Fail Only.  
 M 4:10-5:00  
 MEETS: JAN 9-MAY 4

ADVANCED TOPICS HORT 690 VAR. CREDITS  
 4348005 ARRANGED  
 MEETS: JAN 9-MAY 4

RESEARCH SEMINAR HORT 696 1 CREDIT  
 8833005 Satisfactory-Fail Only.  
 W 4:10-5:30  
 MEETS: JAN 9-MAY 4

HORT TEACH PRACTICM HORT 698 1 CREDIT  
 6171005 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 W 4:10-5:00  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

RSRCH CROSS-COMMODT HORT 699F VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH LANDSCAP HORT HORT 699G VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HOTEL RESTAURANT & INSTITUTION MGMT**

INTRO MGT U DINING HRI 189 1 CREDIT  
 8647005 T 2:10-4:00  
 MEETS: MARCH 5-MAY 4

HOSP SANITAT&SAFETY HRI 233 3 CREDITS  
 4435005 Note: CREDIT FOR EITHER HRI 392, OR HRI 233 AND  
 HRI 333 MAY BE APPLIED TOWARD GRADUATION  
 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO CS A, CS H, HRI, HSP M,  
 EVENT MAJORS ONLY  
 4435010 2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 RESTRICTED MAJORS OTHER THAN CS A, CS H  
 HRI, HSP M, EVENT

GLOBAL TOURISM MGT HRI 260 3 CREDITS  
 6738005 Note: Meets international perspectives reqmt  
 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

HOSPITALITY LAW HRI 315 3 CREDITS  
 4369005 Prereq: 101  
 Note: Available for nonmajor graduate credit  
 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

AMUSEMNT PARK ADMIN HRI 320X 3 CREDITS  
 9512005 Prereq: 101 OR PERMISSION OF INSTRUCTOR  
 1 MW 2:10-3:30  
 MEETS: JAN 9-MAY 4

HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

QUANT FOOD PROD MGT HRI 380 3 CREDITS  
 4358005 Prereq: 233 OR 2 CR MICRO; FS HN 111 OR 214,  
 JUNIOR CLASSIFICATION, ENROLLMENT IN HRI 380L  
 Note: Instructor permission required.  
 1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

QUANT FOOD PROD&MGT HRI 380L 2 CREDITS  
 4359005 Prereq: 233 OR 2 CR. MICRO, FS HN 111 OR 214,  
 JUNIOR CLASSIFICATION, ENROLLMENT IN 380, RESERVATION  
 WITH PROGRAM REQUIRED  
 Note: Instructor permission required.  
 1 TR 10:00-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$93.25  
 4359010 2 WF 10:00-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$93.25

INTRO WINE, BEER, SPI HRI 383 2 CREDITS  
 4108005 Prereq: MUST BE AT LEAST 21 YEARS OLD  
 1 R 3:40-5:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO CS A, CSH, HRI,  
 HSP M, EVENT MAJORS ONLY  
 Materials fee \$85.00  
 4108010 2 R 3:40-5:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 FOR MAJORS OTHER THAN CS A, CS H,  
 EVENT, HRI, HSP M  
 Materials fee \$85.00

FOODSERVICE MGT II HRI 392 3 CREDITS  
 7619005 Prereq: 391  
 Note: CREDIT IN HRI 392 MAY NOT BE APPLIED TOWARD  
 THE DEGREE REQUIREMENTS FOR THE MAJOR IN HRI.  
 CREDIT FOR EITHER HRI 392, OR HRI 233 AND HRI 333  
 MAY BE APPLIED TOWARD GRADUATION.  
 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

HOSP TLT FINANCL MGT HRI 433 3 CREDITS  
 9349005 Prereq: 333; ACCT 284; ECON 101; CREDIT OR  
 ENROLLMENT IN STAT 101  
 A MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

LODGING OPER MGT II HRI 452 3 CREDITS  
 6696005 Prereq: 233; CREDIT OR ENROLLMENT IN 333, 352  
 Note: Available for nonmajor graduate credit  
 MW 4:10-5:30  
 MEETS: JAN 9-MAY 4

INTR STRATG MGT F&L HRI 455 3 CREDITS  
 9580005 Prereq: AESHM 340; CR OR ENROLLMENT IN  
 HRI 433 AND AESHM 438  
 1 M 10:00-11:50  
 W 10:00-10:50  
 MEETS: JAN 9-MAY 4

ISSUES FOOD SAFETY HRI 489 1 CREDIT  
 8349005 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR 272  
 OR HRI 233; FS HN 419 OR 420; FS HN 403  
 MW 2:10-3:00  
 MEETS: MARCH 5-MAY 4

IND ST HOSPLITY MGT HRI 490B VAR. CREDITS  
 \*\*\*\*\* Prereq: PROGRAM APPROVAL  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HRI 490D VAR. CREDITS  
 \*\*\*\*\* Prereq: PROGRAM APPROVAL  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FOODSRVC OP HRI 490E VAR. CREDITS  
 \*\*\*\*\* Prereq: PROGRAM APPROVAL  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HRI 490H VAR. CREDITS  
 \*\*\*\*\* Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN  
 HONORS PROGRAM  
 Note: COURSE IS RESTRICTED TO UNIVERSITY HONORS  
 STUDENTS.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

INTERNSHIP LODGING HRI 491B 2 CREDITS  
 Prereq: 352 OR 380, 380L; ADVISER APPROVAL.  
 EXPERIENCE IN AT LEAST TWO DIFFERENT POSITIONS &  
 SUPERVISORY RESPONSIBILITIES.  
 Note: Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HRI 498 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT CHAIR  
 6717005 ARRANGED  
 MEETS: JAN 9-MAY 4

CURR ISS HSPLY MGT HRI 506 1 CREDIT  
 3458005 1 F 3:10-5:00  
 MEETS: JAN 9-MARCH 2  
 3458600 XW ARRANGED BOSSELMAN R  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

HSPTLY FINAN DECISN HRI 533 3 CREDITS  
 Prereq: 433  
 9350005 1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

HR DEVEL IN HSPTLTY HRI 538 3 CREDITS  
 Prereq: AESHM 438  
 5977005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

STRATGC MGT HSPTLTY HRI 555 3 CREDITS  
 Prereq: COURSES IN MARKETING, FINANCE, HRI  
 AND MANAGEMENT  
 4230005 1 M 10:00-11:50  
 W 10:00-10:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

PRO EXPRNC FDS&LODG HRI 575 2 CREDITS  
 Prereq: ACCEPTED IN HRIM GRADUATE PROGRAM  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP HOSPITY MGT HRI 590B VAR. CREDITS  
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND  
 SUBMISSION OF APPLICATION TO DEPARTMENT  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP LODGING OPER HRI 590D VAR. CREDITS  
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND  
 SUBMISSION OF APPLICATION TO DEPARTMENT  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CMMRC FDSRV HRI 590E VAR. CREDITS  
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND  
 SUBMISSION OF APPLICATION TO DEPARTMENT  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HRI 599 VAR. CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONL WRITING HRI 604 2 CREDITS  
 Prereq: ENROLLMENT IN PH.D. PROGRAM  
 8484005 1 W 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 8484600 XW ARRANGED BOSSELMAN R  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

ADMINISTRA PROBLEMS HRI 608 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; ENROLLMENT  
 IN PH.D. PROGRAM  
 Note: Instructor permission required 1st week.  
 4399005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV HOSP FINANC MGT HRI 633 3 CREDITS  
 Prereq: 433  
 4397005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 4397600 XW ARRANGED ZHENG T  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

SEM MARKTG THOUGHTS HRI 640 3 CREDITS  
 Prereq: 540; STAT 401; ENROLLMENT IN PH.D. PROGRM  
 5331005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

HRIM TEACHING EXPER HRI 675 1- 2 CREDITS  
 Prereq: ACCEPTED IN PH D PROGRAM  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ANALY OF RSRCH FDSV HRI 680 3 CREDITS  
 Prereq: ENROLLMENT IN PH D PROGRAM  
 3498005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 3498600 XW ARRANGED RAJAGOPAL L  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

ADV TOP HSPTLTY MGT HRI 690B VAR. CREDITS  
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION  
 OF APPLICATION TO DEPARTMENT  
 2664015 EB ARRANGED BROWN E  
 MEETS: JAN 9-MAY 4  
 2664031 LT ARRANGED  
 MEETS: JAN 9-MAY 4  
 2664079 TS ARRANGED SCHRIER T  
 MEETS: JAN 9-MAY 4  
 2664080 TZ ARRANGED ZHENG T  
 MEETS: JAN 9-MAY 4  
 2664600 XA ARRANGED BOSSELMAN R  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT ROBERT BOSSELMAN FOR PERMISSION TO  
 REGISTER AT 515-294-8550/DRBOB@IASTATE.EDU.  
 Instructor permission required.  
 Section XA is off campus  
 Course delivery is Independent study

ADV TOPIC LODGING HRI 690D VAR. CREDITS  
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION  
 OF APPLICATION TO DEPARTMENT  
 2703005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOP CMMRC FDSRV HRI 690E VAR. CREDITS  
 Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION  
 OF APPLICATION TO DEPARTMENT  
 2800600 XA ARRANGED BOSSELMAN R  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT ROBERT BOSSELMAN FOR PERMISSION TO  
 REGISTER AT 515-294-8550/DRBOB@IASTATE.EDU.  
 Instructor permission required.  
 Section XA is off campus  
 Course delivery is Independent study

RESEARCH HRI 699 VAR. CREDITS  
 Prereq: ENROLLMENT IN PH.D. PROGRAM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HUMAN COMPUTER INTERACTION**

PRIN 3D CHAR ANIMAT HCI 407 3 CREDITS  
 Prereq: ARTIS 308  
 Note: Available for nonmajor graduate credit  
 4388005 MW 10:00-1:00  
 MEETS: JAN 9-MAY 4

PRIN 3D CHAR ANIMAT HCI 407H 3- 4 CREDITS  
 Prereq: ARTIS 308  
 Note: Available for nonmajor graduate credit  
 Instructor permission required.  
 7339005 MWF 1:10-3:00  
 ARRANGED  
 MEETS: JAN 9-MAY 4

CPTR GAME DSIGN&DEV HCI 409 3 CREDITS  
 Prereq: INSTRUCTOR PERMISSN. SELECT BY EMPHASIS:  
 COM S 227, 228, 229 OR EQUIV IN ENGR; OR ART 230 AND  
 ARTIS 308; OR ENGL CRSE IN CREATVE WRITING OR WRITING  
 SCREEN PLAYS; OR JR CLASSIF IN BUSINESS OR MARKETING.  
 Note: Available for nonmajor graduate credit  
 4486005 MW 10:00-11:50  
 MEETS: JAN 9-MAY 4

MNG&EVAL TEC INTRVN HCI 504 3 CREDITS  
 Prereq: C I 501  
 1781005 R 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

CPTR GAME DSIGN&DEV HCI 509 3 CREDITS  
 Prereq: INSTRUCTOR PERMISSN. SELECT BY EMPHASIS:  
 COM S 227, 228, 229 OR EQUIV IN ENGR; OR ART 230 AND  
 ARTIS 308; OR ENGL CRSE IN CREATVE WRITING OR WRITING  
 SCREEN PLAYS; OR JR CLASSIF IN BUSINESS OR MARKETING.  
 6933005 MW 10:00-11:50  
 MEETS: JAN 9-MAY 4

COMPUTNL ANALY ENGL HCI 520 3 CREDITS  
 Prereq: ENGL 510 AND 511  
 6975005 A TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

HUMAN COMPUTER INTERACTION (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES

METHODS HUMAN&CMPUTR HCI 522 3 CREDITS  
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT  
 7055600 XE ARRANGED COSTABILE K  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support/support/help-central.html

OPTMZ MTHD CPLX DSN HCI 525 3 CREDITS  
 Prereq: ENGR 160, MATH 265  
 6936005 A MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 6936600 XE ARRANGED KALIVARAPU V  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 3:10-4 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support/support/help-central.html

COMPUT IMPL&PROTYP HCI 574 3 CREDITS  
 9226005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 9226600 XE ARRANGED HARDING C  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support/support/help-central.html

COMPUTATNL PERCEPTN HCI 575 3 CREDITS  
 Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSN  
 3245005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 3245600 XE ARRANGED STOYTCHEV A  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support/support/help-central.html

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

SEM HUMN CPR NTRACT HCI 591 1 CREDIT  
 Note: COURSE OFFERED FOR 1 CREDIT FOR SPRING 2012  
 3509005 A F 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 3509600 XE ARRANGED GILBERT S  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE F 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  
 Delivery fee \$100.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support/support/help-central.html

HCI DESIGN, IMPLMNT HCI 598 3 CREDITS  
 Prereq: 21 CREDITS IN HCI OR INSTRUCTOR PERMISSN  
 3368005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 3368600 XE ARRANGED GILBERT S  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support/support/help-central.html

ADV LRN ENVIR DSIGN HCI 603 3 CREDITS  
 Prereq: C I 503  
 1844005 T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

HCI INTERNSHIP HCI 697 R CREDIT  
 Prereq: GRAD CLASSIFICATION, PERMISSION OF DIRECTOR OF GRADUATE EDUCATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HCI 699 VAR. CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDV&FAM LIFE DEVEL HD FS 102 3 CREDITS  
 3491600 XW ARRANGED PECK J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support/support/help-central.html

3491005 1A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO COLLEGE OF HUMAN SCIENCES MAJORS ONLY.

3491010 1B TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

ORIENTATION HD FS 111 1 CREDIT  
 Satisfactory-Fail Only.  
 7003005 M 2:10-3:00  
 MEETS: JAN 9-MAY 4

PRSNL FIN ERLY ADLT HD FS 183 1 CREDIT  
 Satisfactory-Fail Only.  
 7594600 XW ARRANGED NATION J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

ERLY CHLDHD ED ORIE HD FS 208 1 CREDIT  
 Satisfactory-Fail Only.  
 4390005 W 3:10-4:00  
 MEETS: JAN 9-MAY 4

PRO ORIENT&SRVC LRN HD FS 218 2 CREDITS  
 Prereq: 102  
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP, & HD FS MAJORS ONLY  
 Satisfactory-Fail Only.  
 2190005 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00

DEVELPMT BIRTH-8YRS HD FS 224 3 CREDITS  
 Prereq: 102  
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS MAJORS. LAB PLACEMENT ASSIGNED AT FIRST LECTURE.  
 Department permission required 1st week.  
 7011005 1 TR 1:10-2:00  
 M 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00

7011010 2 TR 1:10-2:00  
 T 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00

7011015 3 TR 1:10-2:00  
 W 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00

7011020 4 TR 1:10-2:00  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00

7011025 5 TR 1:10-2:00  
 F 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00

DEVL MID CHILDHOOD HD FS 226 3 CREDITS  
 Prereq: 102 OR PSYCH 230  
 Note: LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST LECTURE CLASS. CRIMINAL BACKGROUND CHECKS ARE FOR THIS APPLICABLE APPLICABLE FEES ARE THE RESPONSIBILITY OF THE STUDENT. IF YOU COMPLETED A STATE BACKGROUND CHECK FOR A CLASS FALL 2010, YOU DO NOT NEED TO REPEAT THIS CHECK. BEFORE NOVEMBER 24, 2010, CONTACT THE TEACHER EDUCATION SERVICES OFFICE TO COMPLETE PAPERWORK FOR THESE CHECKS. PROOF OF LIABILITY INSURANCE REQUIRED.  
 2193010 1 TR 9:30-10:50  
 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

2193015 2 TR 9:30-10:50  
 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

2193020 3 TR 9:30-10:50  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

2193025 4 TR 9:30-10:50  
 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

2193030 5 TR 9:30-10:50  
 F 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

ADOLESCENT DEVELOPMT HD FS 227 3 CREDITS  
 Prereq: 102 OR PSYCH 101 OR 230  
 6972005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

LIT FOR CHILDREN HD FS 240 3 CREDITS  
 Prereq: 102 OR PSYCH 230  
 Note: Meets U.S. diversity reqmt  
 2194005 A1 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO CH FS, ECE, EL ED  
 MAJORS ONLY.  
 2194010 A2 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: FOR MAJORS OTHER THAN EL ED, ECE & CH FS  
 MAJORS ONLY.

RSRCH IN HUM DV&FAM HD FS 269 3 CREDITS  
 Prereq: 102 OR PSYCH 230  
 2197005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

FAMILY RELATIONSHPS HD FS 270 3 CREDITS  
 Prereq: 102 OR PSYCH 230  
 Note: COURSE RESTRICTED TO CH FS, ECE, FFHP MAJORS ONLY  
 7012005 1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

HUMAN SEXUALITY HD FS 276 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 3496005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO FCEDS, C H E & CH FS MAJORS  
 3496010 2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 3496015 3 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 3496600 XW ARRANGED WHITE A  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

PRSNL&FAMILY FINANC HD FS 283 3 CREDITS  
 3499005 1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 3499600 XW ARRANGED NATION J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

FLD EXP EARLY CHILD HD FS 317A 1- 6 CREDITS  
 Prereq: 343, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY SERV HD FS 317B 1- 6 CREDITS  
 Prereq: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP EARLY SP ED HD FS 317C 1- 6 CREDITS  
 Prereq: 220, 221, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EX CARE 5+YR OLD HD FS 317D 1- 6 CREDITS  
 Prereq: 226, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP INF/TODDLER HD FS 317E 1- 6 CREDITS  
 Prereq: 340, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXPRNC RESEARCH HD FS 317F 1- 6 CREDITS  
 Prereq: 269, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMLY FNANC HD FS 317G 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP HOUS PROG HD FS 317K 1- 6 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ASS'MT&CUR:BRTH-2YR HD FS 340 4 CREDITS  
 Prereq: 224  
 Note: COURSE RESTRICTED TO CH FS, ECE SOPHOMORES AND  
 ABOVE. LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST  
 LECTURE CLASS. CRIMINAL BACKGROUND CHECKS ARE  
 FOR THIS APPLICABLE FEES ARE THE RESPONSIBILITY OF  
 THE STUDENT. IF YOU COMPLETED A STATE BACKGROUND  
 CHECK FOR A CLASS FALL 2010, YOU DO NOT NEED TO  
 REPEAT THIS CHECK. BEFORE NOVEMBER 24, 2010,  
 CONTACT THE TEACHER EDUCATION SERVICES OFFICE TO  
 COMPLETE PAPERWORK FOR THESE CHECKS.  
 8686005 1 TR 3:40-5:00  
 M 9:00-12:30  
 MEETS: JAN 9-MAY 4

ASS'MT&CUR:BRTH-2YR HD FS 340 4 CREDITS  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00  
 8686010 2 TR 3:40-5:00  
 T 9:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00  
 8686015 3 TR 3:40-5:00  
 W 9:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00  
 8686020 4 TR 3:40-5:00  
 R 9:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00  
 8686025 5 TR 3:40-5:00  
 F 9:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00

GUIDNC&GRP ERLY CHD HD FS 342 3 CREDITS  
 Prereq: 224, 343 OR 344  
 Note: COURSE RESTRICTED TO CH FS, ECE MAJORS ONLY.  
 LAB PLACEMENT ASSIGNED AT FIRST LECTURE.  
 Department permission required 1st week.  
 3414005 1 TR 11:00-11:50  
 M 12:30-1:20  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414010 2 TR 11:00-11:50  
 T 12:30-1:20  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414015 3 TR 11:00-11:50  
 W 12:30-1:20  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414020 4 TR 11:00-11:50  
 R 12:30-1:20  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414025 5 TR 11:00-11:50  
 F 12:30-1:20  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414030 6 TR 11:00-11:50  
 M 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414035 7 TR 11:00-11:50  
 T 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414040 8 TR 11:00-11:50  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414045 9 TR 11:00-11:50  
 R 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414050 10 TR 11:00-11:50  
 F 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414055 11 TR 11:00-11:50  
 M 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414060 12 TR 11:00-11:50  
 T 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414065 13 TR 11:00-11:50  
 W 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414070 14 TR 11:00-11:50  
 R 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00  
 3414075 15 TR 11:00-11:50  
 F 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$75.00

ASS'MT&PROG:AGE 3-6 HD FS 343 4 CREDITS  
 Prereq: 224; 240; 269 OR PSYCH 332 OR 333  
 Note: COURSE RESTRICTED TO CH FS, ECE SOPHOMORES AND  
 ABOVE. LAB PLACEMENT LOCATIONS ASSIGNED AT  
 FIRST LECTURE CLASS. CRIMINAL BACKGROUND CHECKS ARE  
 FOR THIS APPLICABLE FEES ARE THE RESPONSIBILITY OF  
 THE STUDENT. IF YOU COMPLETED A STATE BACKGROUND  
 CHECK FOR A CLASS FALL 2010, YOU DO NOT NEED TO  
 REPEAT THIS CHECK. BEFORE NOVEMBER 24, 2010,  
 CONTACT THE TEACHER EDUCATION SERVICES OFFICE TO  
 COMPLETE PAPERWORK FOR THESE CHECKS.  
 2205005 1 TR 12:40-2:00  
 M 9:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

ASS'MT&PROG:AGE 3-6 HD FS 343 4 CREDITS  
 2205010 2 TR 12:40-2:00  
 T 9:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00  
 2205015 3 TR 12:40-2:00  
 W 9:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00  
 2205020 4 TR 12:40-2:00  
 R 9:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00  
 2205025 5 TR 12:40-2:00  
 F 9:00-12:30  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00

CHILD EARLY CARE&ED HD FS 344 4 CREDITS  
 Prereq: 224  
 Note: COURSE RESTRICTED TO CH FS MAJORS ONLY.  
 CRIMINAL BACKGROUND CHECKS ARE FOR THIS APPLICABLE  
 APPLICABLE FEES ARE THE RESPONSIBILITY OF  
 THE STUDENT. IF YOU COMPLETED A STATE BACKGROUND  
 CHECK FOR A CLASS FALL 2010, YOU DO NOT NEED TO  
 REPEAT THIS CHECK. BEFORE NOVEMBER 24, 2010,  
 CONTACT THE TEACHER EDUCATION SERVICES OFFICE TO  
 COMPLETE PAPERWORK FOR THESE CHECKS.  
 1351005 1 TR 11:00-12:20  
 M 2:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00  
 1351010 2 TR 11:00-12:20  
 T 2:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00  
 1351015 3 TR 11:00-12:20  
 W 2:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00  
 1351020 4 TR 11:00-12:20  
 R 2:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00  
 1351025 5 TR 11:00-12:20  
 F 2:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$75.00

ADAPT PROG INCL SET HD FS 345 3 CREDITS  
 Prereq: CR OR CONCURRENT ENRLMT IN 340 OR 343;  
 SP ED 250  
 Note: COURSE RESTRICTED TO CH FS, ECE JUNIORS  
 AND SENIORS ONLY.  
 4449005 TR 2:10-3:30, ARRANGED  
 MEETS: JAN 9-MAY 4

FAMLY DIVERSITY ISS HD FS 349 3 CREDITS  
 Prereq: 102 OR PSYCH 230; HD FS 270  
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP  
 MAJORS ONLY  
 Meets U.S. diversity reqmt  
 2207005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

ABUSE&ILL IN FAMILI HD FS 367 3 CREDITS  
 Prereq: 102 OR PSYCH 230; HD FS 270  
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP,  
 MAJORS ONLY  
 9193005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 9193600 XW ARRANGED HARDY A  
 MEETS: JAN 9-MAY 4  
 Note: ONE REQUIRED FACE TO FACE MEETING (DATE IS TBA).  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is On-site instruction  
 Delivery fee \$50.00

DEATH PART OF LIVNG HD FS 373 3 CREDITS  
 Prereq: 102  
 3505005 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00  
 3505600 XW ARRANGED BENTROTT M  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

ECONOMICS OF AGING HD FS 378 3 CREDITS  
 Prereq: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS  
 5751005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

CHLD, FAM&PUB POLCY HD FS 395 3 CREDITS  
 Prereq: 6 CREDITS IN SOCIAL SCIENCES  
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP &  
 MAJORS ONLY  
 1155005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

SUP TCH EARLY SP ED HD FS 417C 8 CREDITS  
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER  
 EDUCATION PROGRAM, 455; 456  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 2213005 1A ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00

2213015 1R ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00  
 2213010 2A ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 THE LAST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00

2213020 2R ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 THE LAST 8 WEEKS OF THE SEMESTER.  
 Professional support, field trips &/or  
 travel fee \$210.00

ADMIN PROG FOR CHLD HD FS 445 3 CREDITS  
 Prereq: 340, 343, OR 344  
 2220005 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

LINK FAMLY&COMMUNTY HD FS 449 3 CREDITS  
 Prereq: 269 OR PSYCH 332 OR 333, SR CLASSIFICATN  
 Note: RESTRICTED TO CH FS, ECE, FFHP, SENIORS ONLY  
 Available for nonmajor graduate credit  
 2221005 1 TR 2:10-3:20  
 MEETS: JAN 9-MAY 4

CURR--AGES 3 THRU 6 HD FS 455 4 CREDITS  
 Prereq: 343, 345, SP ED 355 AND 455  
 Note: Available for nonmajor graduate credit  
 2222005 1 TR 12:40-2:00  
 M 8:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$25.00

2222010 2 TR 12:40-2:00  
 T 8:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$25.00

2222015 3 TR 12:40-2:00  
 R 8:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$25.00

2222020 4 TR 12:40-2:00  
 F 8:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.  
 Professional support fee \$25.00

FAM-CNT SUPPRT CHIL HD FS 456 3 CREDITS  
 Prereq: 340, 345  
 Note: Available for nonmajor graduate credit  
 7563005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

ENVIR FOR THE AGING HD FS 463 3 CREDITS  
 Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH,  
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS  
 Note: Meets U.S. diversity reqmt  
 3522005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00

ADV PRSNL FAM FNANC HD FS 483 3 CREDITS  
 Prereq: 283  
 Note: Available for nonmajor graduate credit  
 3525005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

FINANC COUNSEL LAB HD FS 489L 1- 4 CREDITS  
 Prereq: 489  
 8102005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

IND STU CHILD&FAMLY HD FS 490A VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HOUSING HD FS 490B VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FAMLY FINAN HD FS 490C VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY EARLY EDUC HD FS 490F VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST EARLY SPL ED HD FS 490G VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CREDITS  
 Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST HUM DEV&FMLY HD FS 490I VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY POLICY PRG HD FS 490L VAR. CREDITS  
 Prereq: 6 CREDITS IN HD FS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 9 CREDITS  
 Prereq: 449; INSTRUCTOR PERMISSN, SENIOR CLASSIF  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499 1- 6 CREDITS  
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM  
 STUDENT PROPOSED TO WORK  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

QNTV RESRCH METHDLG HD FS 503 3 CREDITS  
 Prereq: STAT 401 OR RESEV 553, CONCURRENT  
 ENROLLMENT IN HD FS 505  
 3544005 T 6:00-8:40PM  
 MEETS: JAN 9-MAY 4

APP QNTVE RSRCH MTH HD FS 505 2 CREDITS  
 Prereq: STAT 401 OR RESEV 553, CONCURRENT  
 ENROLLMENT IN HD FS 503  
 Note: CONCURRENT ENROLLMENT IN HD FS 503 & 505 REQUIRED  
 7057005 W 5:10-7:00PM  
 MEETS: JAN 9-MAY 4

HOUSING&FINANC PLAN HD FS 541 3 CREDITS  
 3624600 XG ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT  
 515-294-5397/KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED  
 INTO THE GPIDEA-FPP PROGRAM WILL RECEIVE PRIORITY  
 REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT  
 UNTIL DECEMBER 13 TO REGISTER, GIVEN THERE ARE STILL  
 SEATS AVAILABLE IN THE CLASS.  
 Available for nonmajor graduate credit  
 Section XG is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium

ENVIR FOR THE AGING HD FS 563 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 4474005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00

ETHICS CP&FAM THRPY HD FS 573 3 CREDITS  
 Prereq: 6 CREDITS IN GRAD LEVEL SOCIAL SCIENCE  
 8761005 W 1:10-3:40  
 MEETS: JAN 9-MAY 4

CROSS-CULTR PERSPCT HD FS 575 3 CREDITS  
 Prereq: 6 CREDITS IN SOCIAL SCIENCES  
 Note: Meets international perspectives reqmt  
 3556005 M 6:00-8:40PM  
 MEETS: JAN 9-MAY 4

AGING IN FAMLY SETT HD FS 577 3 CREDITS  
 Prereq: 9 CREDITS IN SOCIAL SCIENCES  
 3557005 W 9:00-11:40  
 MEETS: JAN 9-MAY 4

SEX THERAPY HD FS 586 3 CREDITS  
 Prereq: 571 OR 578  
 Note: COURSE RESTRICTED TO HD FS GRADUATE STUDENTS  
 8770005 F 9:00-11:50  
 MEETS: JAN 9-MAY 4

FINANC COUNSEL LAB HD FS 589L 1- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION  
 3510005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

SPCL TOP FAMILY STU HD FS 590A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS HOUSING HD FS 590B VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMLY FINAN HD FS 590C VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN DEVEL HD FS 590D VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CHILD DEVEL HD FS 590E VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY EDUC HD FS 590F VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY SP ED HD FS 590G VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP HUMAN,FAMILY HD FS 590I VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

INTERNSHP HOUSING HD FS 591B VAR. CREDITS  
 Prereq: 10 GRAD CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

INTERNSHP HUM DEVEL HD FS 591D VAR. CREDITS  
 Prereq: 10 GRAD CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP CHILD DEV HD FS 591E VAR. CREDITS  
 Prereq: 10 GRAD CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP EARLY ED HD FS 591F VAR. CREDITS  
 Prereq: 10 GRAD CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN EARLY SPL ED HD FS 591G VAR. CREDITS  
 Prereq: 10 GRAD CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV,FAMLY HD FS 591I VAR. CREDITS  
 Prereq: 10 GRAD CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP THERAPY HD FS 591M VAR. CREDITS  
 Prereq: 10 GRAD CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERN FAMLY POLICY HD FS 591N VAR. CREDITS  
 Prereq: 10 GRAD CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV QUANTITAT METHD HD FS 603 3 CREDITS  
 Prereq: 503; STAT 402 OR 404  
 2239005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4



HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

ADV QUALITATIVE RES HD FS 604 3 CREDITS  
 Prereq: 503  
 3586005 R 1:10-3:50  
 MEETS: JAN 9-MAY 4

ECSE SEMINAR HD FS 616E 1 CREDIT  
 8573005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

SOCIAL&EMO DEV CHLD HD FS 633 3 CREDITS  
 Prereq: 510  
 2267005 R 6:00-8:40PM  
 MEETS: JAN 9-MAY 4

ADOLESCENT DEVELOPM HD FS 634 3 CREDITS  
 Prereq: 510 OR 511  
 2264600 XW ARRANGED LOHMAN B  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

ADV TOP FAMILY STDI HD FS 690A VAR. CREDITS  
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS HOUSING HD FS 690B VAR. CREDITS  
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMLY FINAN HD FS 690C VAR. CREDITS  
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN DEVEL HD FS 690D VAR. CREDITS  
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CHILD DEVEL HD FS 690E VAR. CREDITS  
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY EDUC HD FS 690F VAR. CREDITS  
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY SP ED HD FS 690G VAR. CREDITS  
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN, FAMLY HD FS 690I VAR. CREDITS  
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS THERAPY HD FS 690M VAR. CREDITS  
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMLY POLCY HD FS 690N VAR. CREDITS  
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CP&FAM THRPY INTERN HD FS 691C VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

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

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

RES EARLY CH SPL ED HD FS 699G VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES CPL&FAM THERAPY HD FS 699M VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY POLICY HD FS 699N VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**HUMAN SCIENCES**

DIALOG ON DIVERSITY H SCI 150 1 CREDIT  
 Note: Meets U.S. diversity reqmt  
 6929005 1 M 1:10-3:00  
 MEETS: MARCH 5-MAY 4

6929010 2 T 1:10-3:00  
 MEETS: MARCH 5-MAY 4

6929015 3 W 1:10-3:00  
 MEETS: MARCH 5-MAY 4

6929020 4 M 3:10-5:00  
 MEETS: MARCH 5-MAY 4

6929025 5 T 3:10-5:00  
 MEETS: MARCH 5-MAY 4

6929030 6 W 3:10-5:00  
 MEETS: MARCH 5-MAY 4

INT'L LEADRSR SEMNR H SCI 482 3 CREDITS  
 Prereq: PERMISSION OF THE SEMINAR LEADER  
 Note: Meets international perspectives reqmt  
 5901005 ARRANGED  
 MEETS: JAN 9-MAY 4

IND STDY ENTREPRNSH H SCI 490E 1- 4 CREDITS  
 5101005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

INT'L LEADRSR SEMNR H SCI 582 3 CREDITS  
 Prereq: PERMISSION OF THE SEMINAR LEADER  
 5933005 ARRANGED  
 MEETS: JAN 9-MAY 4

**IMMUNOBIOLOGY**

SEMINAR IMMUNOBIOLG IMBIO 604 1 CREDIT  
 5949005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPECIAL TOPICS IMBIO 690 VAR. CREDITS  
 5986005 ARRANGED  
 MEETS: JAN 9-MAY 4

GRAD RSEARCH ROTATN IMBIO 697 VAR. CREDITS  
 5991005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

**INDUSTRIAL DESIGN**

INDUS DSGN STDIO II IND D 202X 6 CREDITS  
 Prereq: IND D 201X  
 5972005 1 MWF 9:00-12:20  
 MEETS: JAN 9-MAY 4

5972010 2 MWF 1:10-4:20  
 MEETS: JAN 9-MAY 4

CREATIVE THINKING IND D 232X 3 CREDITS  
 Prereq: IND D 231X  
 5962005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

INDUS DSGN STDIO IV IND D 302X 6 CREDITS  
 Prereq: IND D 301X  
 6020005 MWF 1:10-4:30  
 MEETS: JAN 9-MAY 4

INDUSTRIAL DESIGN (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

CPTR-AID INDUS DS I IND D 341X 3 CREDITS  
 Prereq: IND D 301X  
 6026005 TR 12:40-3:30  
 MEETS: JAN 9-MAY 4

HISTIndustr DESIGN IND D 388X 3 CREDITS  
 6031005 TR 12:40-1:55  
 MEETS: JAN 9-MAY 4

INDUS DSN INTERNSHP IND D 397X 6 CREDITS  
 Prereq: IND D 202X, 18 CR IN INDUSTRIAL DESIGN,  
 PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 6164005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

INDU STDO INTNSV II IND D 502X 6 CREDITS  
 Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN  
 STUDIO INTENSIVE TRACK OR GRADUATE STANDING IN THE  
 INDUSTRIAL DESIGN PROGRAM  
 6862005 MWF 8:30-11:50  
 MEETS: JAN 9-MAY 4

INDUS DSN PRACTICUM IND D 507X 6 CREDITS  
 Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN  
 AREA OF SPECIALIZATION; ADMITTED BY APPLICATION  
 AND WRITTEN PERMISSION OF INSTRUCTOR ONLY  
 6966005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

**INDUSTRIAL ENGINEERING**

INDUS ENGR PROFESSN I E 101 R CREDIT  
 Satisfactory-Fail Only.  
 4402005 T 3:10-4:00  
 MEETS: JAN 9-MAY 4

INFO ENGINEERING I E 148 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MATH 142  
 5037005 A MW 8:00-9:50  
 MEETS: JAN 9-MAY 4

METHDS SYS IMPRVMTS I E 222X 3 CREDITS  
 Prereq: 248; CREDIT OR ENROLLMENT IN 271  
 9089005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

APP ERGON& WORK DSN I E 271 3 CREDITS  
 Prereq: PHYS 221  
 5169005 A1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SCC A1 RESTRICTED TO I E MAJORS ONLY  
 5169010 A2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR TO MAJORS OTHER THAN I E

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

ENGR ECONOMIC ANALY I E 305 3 CREDITS  
 Prereq: MATH 166  
 Note: SEC A1,B1,ETC RESTRICTED TO I E MAJORS ONLY.  
 SEC A2,B2,ETC FOR TO MAJORS OTHER THAN I E.  
 Available for nonmajor graduate credit  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 4425005 A1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 4425010 A2 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 4425015 B1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 4425020 B2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 4425025 C1 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 4425030 C2 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 4425600 XE ARRANGED SLY D  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 1:10-2 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

SOLIDIFICATN PROCES I E 348 3 CREDITS  
 Prereq: 248  
 Note: COURSE RESTRICTED TO I E MAJORS ONLY, OTHER  
 MAJORS BY PERMISSION OF INSTRUCTOR. LECTURE MEETS  
 30 OF 45 PERIODS. SEE SYLLABUS.  
 Available for nonmajor graduate credit  
 5810005 A MWF 9:00-9:50  
 T 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 5810010 B MWF 9:00-9:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 5810015 C MWF 9:00-9:50  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 5810020 D MWF 9:00-9:50  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 5810025 E MWF 9:00-9:50  
 T 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 5810030 F MWF 9:00-9:50  
 R 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 5810035 G MWF 9:00-9:50  
 M 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 5810040 J MWF 9:00-9:50  
 W 1:10-3:00  
 MEETS: JAN 9-MAY 4

STAT QUALITY ASSURN I E 361 3 CREDITS  
 Prereq: STAT 231 OR 401  
 Note: Available for nonmajor graduate credit  
 4416005 A T 3:40-5:30, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO I E MAJORS ONLY  
 4416010 B T 3:40-5:30, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR TO MAJORS 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

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

INTDISCIP PROB SOLV I E 408 3 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 5899005 A MW 9:00-11:50  
 MEETS: JAN 9-MARCH 9

INDUSTRL AUTOMATION I E 432X 3 CREDITS  
 Prereq: PHYS 222  
 9496005 A MW 4:10-5:00  
 T 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 9496010 B MW 4:10-5:00  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 9496015 C MW 4:10-5:00  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 9496020 D MW 4:10-5:00  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 9496025 E MW 4:10-5:00  
 T 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 9496030 F MW 4:10-5:00  
 R 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 9496035 G MW 4:10-5:00  
 M 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 9496040 J MW 4:10-5:00  
 W 1:10-3:00  
 MEETS: JAN 9-MAY 4

INDUSTR ENGR DESIGN I E 441 3 CREDITS  
 Prereq: 248, 271, 361; CREDIT OR ENROLLMENT IN  
 341, 413, AND 448  
 Note: COURSE RESTRICTED TO I E, IMSE MAJORS ONLY  
 Available for nonmajor graduate credit  
 4432005 A T 12:40-2:00  
 TR 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 4432010 B T 12:40-2:00  
 TR 2:10-5:00  
 MEETS: JAN 9-MAY 4

INDUSTRIAL ENGINEERING (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

MANUFACT SYSTM ENGR I E 448 3 CREDITS  
 Prereq: 248, 305  
 Note: Available for nonmajor graduate credit  
 6090005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO I E MAJORS ONLY.  
 6090010 B MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR COLLEGE OF ENGR MAJORS EXCEPT  
 I E OR I TEC.  
 6090600 XE ARRANGED JACKMAN J  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

TECHNICAL SALES II I E 451 3 CREDITS  
 Prereq: 450  
 9088005 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 9088600 XE ARRANGED SLY D  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 3:10-4 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

MULTIDISC ENGR DSGN I E 466 3 CREDITS  
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF  
 GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR  
 1902005 A T 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

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

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

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

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

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

INDEP STUDY HONORS I E 490H 1- 5 CREDITS  
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR  
 UNIV HONORS PROGRAM MEMBERSHIP  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

MS RSRCH BASICS&CMM I E 501 R CREDIT  
 3550005 W 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 3550600 XE ARRANGED RYAN S  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE W 4:10-5 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$100.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

NETWORK ANALYSIS I E 510 3 CREDITS  
 Prereq: 312  
 4448005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 4448600 XE ARRANGED RYAN S  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

RELIABILITY I E 533 3 CREDITS  
 Prereq: STAT 342 OR 432 OR 447  
 4458005 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

INVENTORY&PROD PLAN I E 541 3 CREDITS  
 Prereq: 341  
 4463005 TR 9:30-10:45  
 MEETS: JAN 9-MAY 4  
 4463600 XE ARRANGED MIN K  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

WIND ENERGY MFG I E 543X 3 CREDITS  
 Prereq: UNDERGRADUATE ENGINEERING DEGREE OR  
 PERMISSION OF INSTRUCTOR  
 4167005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 4167600 XE ARRANGED PETERS F  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

CON QUAL IMPRV PROC I E 561 3 CREDITS  
 Prereq: 361  
 7304005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 7304600 XE ARRANGED HEISING C  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 1:10-2 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

APPLIED SYSTEMS ENG I E 566 3 CREDITS  
 Prereq: 565  
 Note: I E MAJORS MAY NOT APPLY CREDIT IN I E 566  
 TOWARD DEGREE REQUIREMENTS  
 5704005 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 5704600 XE ARRANGED GEMMILL D  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 8-9:20 AM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

SYS ENGR&PROJCT MGT I E 570 3 CREDITS  
 Prereq: COURSEWORK IN BASIC STATISTICS  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS.  
 UNDERGRADUATE STUDENTS CONTACT INSTRUCTOR.  
 6113005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6113600 XE ARRANGED GEMMILL D  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 11AM -12:20PM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

ENTRPRIS MODL&NTGRA I E 582 3 CREDITS  
 3560005 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 3560600 XE ARRANGED JACKMAN J  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 2:10-3:25 PM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

INDUSTRIAL ENGINEERING (CONTINUED)

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

CREAT COMP IND ENGR I E 599A VAR. CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

PH.D.RES BASICS&CMM I E 601 R CREDIT  
 3662005 W 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html  
 3662600 XE ARRANGED RYAN S  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE W 4:10-5 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$100.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

INTEGER PROGRAMMING I E 632 3 CREDITS  
 Prereq: 534  
 4484005 TR 9:30-10:45  
 MEETS: JAN 9-MAY 4  
 4484600 XE ARRANGED OLAFSSON S  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

COMPUTATNL OPTIMZTN I E 634X 3 CREDITS  
 Prereq: 534 OR EQUIVALENT  
 4091005 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 4091600 XE ARRANGED WANG L  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 8-9:20 AM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

RES PRACTCM ERGONMC I E 671 3 CREDITS  
 Prereq: 571 OR 577  
 8912005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

ENGINEER INTERNSHIP I E 697 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT  
 Note: Department permission required.  
 Satisfactory-Fail Only.  
 7999005 ARRANGED  
 MEETS: JAN 9-MAY 4

INDUS ENGR RESEARCH I E 699A VAR. CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

**INFORMATION ASSURANCE**

INTR CMPTR SECURITY INFAS 131 1 CREDIT  
 Satisfactory-Fail Only.  
 3495005 A MW 11:00-11:50  
 MEETS: JAN 9-MARCH 2  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html  
 3495010 B MW 11:00-11:50  
 MEETS: MARCH 5-MAY 4

INFORMATION ASSURANCE (CONTINUED)

ADV PROTCL&NT SECUR INFAS 530 3 CREDITS  
 Prereq: CPR E 381  
 8088600 XE ARRANGED JACOBSON D  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

INFO SYSTM SECURITY INFAS 531 3 CREDITS  
 Prereq: CPR E 489 OR 530 OR COM S 586 OR MIS 535  
 8086600 XE ARRANGED DANIELS T  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

INFORMATION WARFARE INFAS 532 3 CREDITS  
 Prereq: CPR E 531  
 8092005 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 8092600 XE ARRANGED JACOBSON D  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 8-9:20 AM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

CRYPTOGRAPHY INFAS 533 3 CREDITS  
 Prereq: MATH 301 OR CPR E 310 OR COM S 330  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
 8098005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 8098600 XE ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 1:10-2 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

INFO ASSUR LEGAL&ET INFAS 534 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION, CPR E/INFAS 531  
 Note: RESTRICTED TO E CPE, COM S, AND INFAS GRAD  
 STUDENTS ONLY  
 8095005 A W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 8095600 XW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE W 6-9 PM OR STUDENTS HAVE  
 THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWV  
 Delivery fee \$150.00

STEGANO&DGT FORNSC INFAS 535 3 CREDITS  
 Prereq: MATH 307 OR COM S 330 OR E E 524  
 8509005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 8509600 XE ARRANGED DAVIDSON J  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

SEMNR INFO ASSURANC INFAS 592 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 5025005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

INFO ASSUR CAPSTONE INFAS 632 3 CREDITS  
 Prereq: 531, 532, 534  
 1893005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 1893600 XA ARRANGED JACOBSON D  
 MEETS: JAN 9-MAY 4  
 Note: Section XA is off campus  
 Course delivery is Independent study  
 Delivery fee \$60.00  
 Cmptr reqmt: http://www.eol.iastate.edu/support  
 /support/help-central.html

**INTERDISCIPLINARY GRADUATE STUDIES**

CREATIVE COMPONENT IGS 599 VAR. CREDITS  
4480005 ARRANGED  
MEETS: JAN 9-MAY 4

THESIS RESEARCH IGS 699 VAR. CREDITS  
4481005 ARRANGED  
MEETS: JAN 9-MAY 4

**INTERNATIONAL STUDIES**

INTRO INT'L STUDIES INTST 235 3 CREDITS  
Note: Meets international perspectives reqmt  
9582605 XV ARRANGED LOONEY M  
MEETS: MARCH 5-MAY 4

Note: Section XV is off campus  
Course delivery is WWW  
Delivery fee \$150.00

9582600 XW ARRANGED LOONEY M  
MEETS: JAN 9-MARCH 2  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$150.00

SEMNR INT'L STUDIES INTST 430 3 CREDITS

Prereq: 235, JUNIOR CLASSIFICATION OR HIGHER

Note: Meets international perspectives reqmt

9583005 1A MW 3:10-4:30  
MEETS: JAN 9-MAY 4  
9583010 1B MW 3:10-4:30  
MEETS: JAN 9-MAY 4

Note: SEC 1A RESTRICTED TO INTST MAJORS

Note: SEC 1B FOR MAJORS OTHER THAN INTST.

INTL ISS SUSTAI DEV INTST 446 4 CREDITS

Prereq: 3 CREDIT BIOLOGY COURSE, SOPH OR HIGHER

CLASSIFICATION, PERMISSION OF INSTRUCTOR

Note: Meets international perspectives reqmt

8801005 ARRANGED MULLEN R  
MEETS: JAN 9-MAY 4

**JOURNALISM & MASS COMMUNICATION**

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS  
4656005 1 MWF 11:00-11:50 WILGENBUSCH E  
MEETS: JAN 9-MAY 4

JOURNLS&COMM ORIENT JL MC 110 R CREDIT

Satisfactory-Fail Only.

4657005 1 T 2:10-3:30 BUGEJA M

Note: SEC 1 FOR STUDENTS NEW TO ISU FALL 2011,

SUMMER 2011 OR SPRING 2012.

4657010 2 R 2:10-3:30 BUGEJA M

MEETS: JAN 9-MARCH 2

Note: SECT 2 FOR STUDENTS NOT NEW FALL 2011

SUMMER 2011 OR SPRING 2012.

REPORT&WRIT MASS MD JL MC 201 3 CREDITS

Prereq: ENGL 250 (OR TESTOUT); A SCORE OF 26 OR HIGHER ON ACT ENGLISH EXAM, OR A SCORE OF 590 OR HIGHER ON THE SAT VERBAL EXAM, OR A PASSING SCORE ON THE SCHOOL'S ENGLISH USAGE TEST

Note: USAGE TEST & DEPT PERMISSION REQUIRED. COURSE RESTRICTED TO JL MC, ADVRT, P JMC, P ADV MAJORS ONLY

Department permission required.

4658005 1 MW 8:00-10:10

MEETS: JAN 9-MAY 4

4658010 2 TR 8:00-10:10 HUNT A

MEETS: JAN 9-MAY 4

4658015 3 TR 12:40-2:50 DOAK R

MEETS: JAN 9-MAY 4

4658020 4 MW 8:00-10:10 ABBOTT E

MEETS: JAN 9-MAY 4

4658025 5 MW 3:10-5:20 BEELL T

MEETS: JAN 9-MAY 4

INT REPORT MASS MED JL MC 202 3 CREDITS

Prereq: 201 WITH A GRADE OF C+ OR BETTER

Note: COURSE RESTRICTED TO ADVRT, JL MC, P ADV AND P JMC MAJORS ONLY.

4659005 1 MW 10:30-12:30 WITHERSPOON B

MEETS: JAN 9-MAY 4

4659010 2 MW 8:00-10:10 GIBSON D

MEETS: JAN 9-MAY 4

ELECTRON MEDIA WRIT JL MC 206 3 CREDITS

Prereq: 201 WITH A GRADE OF C+ OR BETTER

8511005 1 TR 4:30-6:40PM AMES J

MEETS: JAN 9-MAY 4

JOURNALISM & MASS COMMUNICATION (CONTINUED)

PRIN PUBLIC RELATNS JL MC 220 3 CREDITS  
4684005 1 MWF 3:10-4:00 WILGENBUSCH E  
MEETS: JAN 9-MAY 4

STRATEG PLAN AD&P.R JL MC 301 3 CREDITS

Prereq: ADVRT 230 OR JL MC 220; SOPHOMORE

CLASSIFICATION

Note: SEC 1A,2A ETC RESTRICTED TO JL MC, ADVRT, P JMC, P ADV. SEC 1B,2B ETC FOR MAJORS OTHER THAN JL MC, ADVRT, P JMC OR P ADV

3838005 1A MW 9:30-10:50 HAN G

MEETS: JAN 9-MAY 4

3838010 1B MW 9:30-10:50 HAN G

MEETS: JAN 9-MAY 4

3838015 2A TR 9:30-10:50 SAR S

MEETS: JAN 9-MAY 4

3838020 2B TR 9:30-10:50 SAR S

MEETS: JAN 9-MAY 4

3838025 3A TR 12:40-2:00 THOMAS J

MEETS: JAN 9-MAY 4

3838030 3B TR 12:40-2:00 THOMAS J

MEETS: JAN 9-MAY 4

3838035 4A TR 11:00-12:30 LEE S

MEETS: JAN 9-MAY 4

3838040 4B TR 11:00-12:30 LEE S

MEETS: JAN 9-MAY 4

PUBLICITY METHODS JL MC 305 3 CREDITS

Prereq: ENGL 250 OR ENGL 105, SOPHOMORE

CLASSIFICATION

Note: JL MC & ADVRT MAJORS ARE NOT TO ENROLL IN JL MC 305. CREDIT DOES NOT APPLY TOWARD A DEGREE IN JL MC OR ADVRT.

4660005 1 TR 9:30-10:50 BUGEJA D

MEETS: JAN 9-MAY 4

4660010 2 TR 12:40-2:00 WILGENBUSCH E

MEETS: JAN 9-MAY 4

4660015 3 MW 10:00-11:20 DAHLSTROM M

MEETS: JAN 9-MAY 4

4660020 4 TR 12:40-2:00 BUGEJA D

MEETS: JAN 9-MAY 4

ELECTRON MEDIA PROD JL MC 306 3 CREDITS

Prereq: C+ OR BETTER IN 201

Note: COURSE RESTRICTED TO ADVRT, JL MC, P JMC OR P ADV MAJORS ONLY.

8513005 1 TR 2:10-4:00 COZMA R

MEETS: JAN 9-MAY 4

ELECTRN NEWS PRODUC JL MC 308 3 CREDITS

Prereq: C+ OR BETTER IN 202 OR 206 OR 321; 306

Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.

4665005 1 TR 10:30-12:20 AMES J

MEETS: JAN 9-MAY 4

FUND PHOTOJOURNALISM JL MC 310 3 CREDITS

Prereq: C+ OR BETTER IN 201

Note: COURSE RESTRICTED TO JL MC, ADVRT MAJORS.

EQUIPMENT PURCHASE MAY BE REQUIRED.

8688005 1 MW 1:10-3:00 CHAMBERLIN D

MEETS: JAN 9-MAY 4

MULTIMEDIA PRODUCTN JL MC 315 3 CREDITS

Prereq: 306 OR 342L OR 343L OR EQUIVALENT

COMPUTER DESIGN PROFICIENCY

Note: COURSE RESTRICTED TO JL MC, ADVRT, P JMC, P ADV MAJORS ONLY.

4663005 1 MW 3:10-5:00 AMES J

MEETS: JAN 9-MAY 4

PUBLIC RELATNS WRIT JL MC 321 3 CREDITS

Prereq: C+ OR BETTER IN 201; 220 OR ADVRT 230;

RECOMMEND 342 AND 342L OR COMPUTER DESIGN PROFICIENCY

Note: COURSE RESTRICTED TO ADVRT, JL MC, P ADV AND P JMC MAJORS ONLY.

4666005 1 MW 1:10-3:00 SPIEKERMAN J

MEETS: JAN 9-MAY 4

4666010 2 TR 3:10-5:00 SPIEKERMAN J

MEETS: JAN 9-MAY 4

CONTEM MAGAZINE PUB JL MC 341 3 CREDITS

Prereq: JUNIOR CLASSIFICATION

4672005 1 MWF 3:10-4:00 PRIOR-MILLER M

MEETS: JAN 9-MAY 4

VISUAL PRIN MASS CM JL MC 342 3 CREDITS

Prereq: SOPHOMORE CLASSIFICATION

4673005 1A MWF 11:00-11:50 BERGHEFER S

MEETS: JAN 9-MAY 4

Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P ADV, P JMC SOPH AND ABOVE.

4673010 1B MWF 11:00-11:50 BERGHEFER S

MEETS: JAN 9-MAY 4

Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT, P ADV, P JMC.

JOURNALISM & MASS COMMUNICATION (CONTINUED)

JOURNALISM & MASS COMMUNICATION (CONTINUED)

LAB BAS VISUAL PRIN JL MC 342L 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 342  
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P JMC, P ADV SOPH AND ABOVE.  
 5325005 1 TR 10:30-12:45 BERGHEFER S  
 MEETS: JAN 9-MAY 4  
 5325010 2 TR 8:00-10:15 HAAG E  
 MEETS: JAN 9-MAY 4  
 5325015 3 MW 10:15-12:30 HAAG E  
 MEETS: JAN 9-MAY 4  
 5325020 4 TR 1:10-3:25 HAAG E  
 MEETS: JAN 9-MAY 4

PUBL AFFAIRS REPORT JL MC 346 3 CREDITS  
 Prereq: 202 OR 206 OR 321  
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.  
 4675005 1 TR 3:40-5:30 DOAK R  
 MEETS: JAN 9-MAY 4

SCIENCE COMMUNICATN JL MC 347 3 CREDITS  
 Prereq: C+ OR BETTER IN 202 OR 206 OR 321  
 FOR JL MC MAJORS; C+ OR BETTER IN JL MC 201 AND  
 ADVRT 334 OR 336 FOR ADVRT MAJORS; NONMAJORS BY  
 PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS  
 4676005 1 MW 1:10-3:00 DAHLSTROM M  
 MEETS: JAN 9-MAY 4

PRINT MEDIA EDITING JL MC 349 3 CREDITS  
 Prereq: C+ OR BETTER IN 202 OR 206 OR 321  
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS  
 ONLY. TOPIC: PRINT EDITING  
 4677005 1 TR 12:40-3:00 ABBOTT E  
 MEETS: JAN 9-MAY 4

ADV ELE MEDIA PRODU JL MC 354 3 CREDITS  
 Prereq: 306, 308  
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.  
 1804005 1 TR 2:10-4:00 AMES J  
 MEETS: JAN 9-MAY 4

PRO SKILL DEVEL:MAP JL MC 390A 2 CREDITS  
 Prereq: INSTRUCTOR PERMISSION  
 Note: COURSE TOPIC: "MEREDITH APPRENTICE PROGRAM"  
 7991005 1 T 8:00-9:20 GIBSON D  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

SKIL DV:DIGTL NWSRM JL MC 390F 3 CREDITS  
 Prereq: C+ OR BETTER IN 201; INSTRUCTOR PERMISSN  
 2400005 1 MW 11:00-12:50 CHAMBERLIN D  
 MEETS: JAN 9-MAY 4

MEDIA MANAGEMENT JL MC 406 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY  
 1812005 1 MWF 1:10-2:00 NEWELL J  
 MEETS: JAN 9-MAY 4

P R CAMPAIGN PLN&DV JL MC 424A 3 CREDITS  
 Prereq: 220, 301, AND C+ OR BETTER IN 321;  
 JUNIOR CLASSIFICATION  
 Note: COURSE RESTRICTED TO AVDRT, JL MC, JUNIORS AND  
 SENIORS ONLY  
 7797005 1 MW 12:20-2:00 HAN G  
 MEETS: JAN 9-MAY 4

ADV PRINT MED EDITG JL MC 449 3 CREDITS  
 Prereq: 342, 342L, CREDIT OR ENROLLMENT IN 349,  
 JUNIOR CLASSIFICATION  
 Note: COURSE RESTRICTED ADVRT, JL MC MAJORS ONLY  
 TOPIC: ADVANCED PRINT MEDIA  
 Available for nonmajor graduate credit  
 7202005 1 MW 11:30-1:50 PRIOR-MILLER M  
 MEETS: JAN 9-MAY 4

ANLY&HIST MOV IMAGE JL MC 454 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 9586005 1 MWF 10:00-10:50 BEELL T  
 MEETS: JAN 9-MAY 4

MASS COMMUNICAT LAW JL MC 460 3 CREDITS  
 Prereq: C+ OR BETTER IN 201, JUNIOR CLASSIFICATN  
 Note: COURSE RESTRICTED TO ADVRT, JL MC JUNIORS AND  
 SENIORS ONLY  
 Available for nonmajor graduate credit  
 4688005 1 MWF 8:00-8:50 BLEVINS J  
 MEETS: JAN 9-MAY 4

MEDIA ETHICS,FREEDM JL MC 462 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: COURSE RESTRICTED JUNIORS AND ABOVE.  
 4690005 1 MWF 9:00-9:50 SPIEKERMAN J  
 MEETS: JAN 9-MAY 4

WORLD COMMUNIC SYST JL MC 476 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.  
 Meets international perspectives reqmt  
 4693005 1 TR 11:00-12:30 COZMA R  
 MEETS: JAN 9-MAY 4

ETHNIC,GENDER&MEDIA JL MC 477 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 4554005 1A TR 4:10-5:40 GESKE J  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC, P ADV,  
 P JMC MAJORS ONLY.  
 4554010 1B TR 4:10-5:40 GESKE J  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC,  
 P ADV, P JMC

INDEP STDY CMUNCATN JL MC 490 VAR. CREDITS  
 Prereq: JUNIOR CLASSIFICATION AND CONTRACT WITH  
 SUPERVISING PROFESSOR TO REGISTER  
 Note: NO MORE THAN 3 CREDITS OF JL MC 490 MAY BE  
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS COMMUNIC JL MC 497 1- 3 CREDITS  
 Note: TOPIC: COVERING WORLD NEWS  
 5786005 1A MW 11:00-12:15  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC MAJORS ONLY  
 5786010 1B MW 11:00-12:15  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC

SPL TOPC WORLD NEWS JL MC 497A 3 CREDITS  
 Note: COVERING WORLD NEWS  
 4020005 1A MW 11:00-12:15 DIMITROVA D  
 MEETS: JAN 9-MAY 4  
 4020010 1B MW 11:00-12:15 DIMITROVA D  
 MEETS: JAN 9-MAY 4

PROFES MEDIA INTERN JL MC 499 3 CREDITS  
 Prereq: JL MC MAJORS: C+ OR BETTER IN 202 OR  
 206 OR 321; ADVRT MAJORS: 301, C+ OR BETTER IN  
 JL MC 201; ALL STUDENTS: JR CLASSIFICATION, FORMAL  
 FACULTY ADVISER APPROVAL OF WRITTEN PROPOSAL  
 Note: Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COMM RESEARCH METHD JL MC 502 4 CREDITS  
 Prereq: 501 OR EQUIV COMMUNICATION THEORY COURSE  
 4726005 1 MW 6:10-9:00PM RODRIGUEZ L  
 ARRANGED  
 MEETS: JAN 9-MAY 4

MEDIA MANAGEMENT JL MC 506 3 CREDITS  
 Prereq: 6 CREDITS IN SOCIAL SCI (ECON HIGHLY  
 RECOMMENDED) OR ADMISSION TO THE GRAD PROGRAM  
 1813005 1 MWF 1:10-2:00 NEWELL J  
 MEETS: JAN 9-MAY 4

STRATEG OF COMMUNIC JL MC 510 3 CREDITS  
 Prereq: 501  
 4730005 1 R 4:30-7:20PM LEE S  
 MEETS: JAN 9-MAY 4

SCIENCE COMMUNICATN JL MC 547 3 CREDITS  
 Prereq: 6 CR SOCIAL SCI OR ADMISSION TO GRAD PROG  
 7316005 1 MW 1:10-3:00 DAHLSTROM M  
 MEETS: JAN 9-MAY 4

MEDIA&SOCIETY RELAT JL MC 561 3 CREDITS  
 Prereq: 6 CREDITS IN SOCIAL SCI  
 8830005 1 MW 2:10-3:25 BLEVINS J  
 MEETS: JAN 9-MAY 4

WORLD COMMUNIC SYST JL MC 576 3 CREDITS  
 Note: Meets international perspectives reqmt  
 4738005 1 TR 11:00-12:30 COZMA R  
 MEETS: JAN 9-MAY 4

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPICALZ JL MC 590B VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH MTHD JL MC 590C VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

JOURNALISM & MASS COMMUNICATION (CONTINUED)

SP TOP TECHN&STYLE JL MC 590D VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMNR RESRCH METHDS JL MC 598J 1- 3 CREDITS  
 Note: TITLE: QUANTITATIVE RESEARCH  
 COURSE OFFERED FOR 3 CREDITS SPRING 2012  
 8379005 MW 4:10-5:30 DIMITROVA D  
 MEETS: JAN 9-MAY 4

CREATIVE COMPONENT JL MC 599 VAR. CREDITS  
 Prereq: APPROVED CREDIT COMPONENT PROPOSAL  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH JL MC 699 VAR. CREDITS  
 Prereq: APPROVED THESIS PROPOSAL  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY (CONTINUED)

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: JAN 9-MARCH 2  
 Note: Materials and equipment use fee \$64.00

TENNIS KIN 158 1 CREDIT  
 Satisfactory-Fail Only.  
 5690005 1 MWF 8:00-9:20  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 5690010 2 MWF 9:30-10:50  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 5690015 3 MWF 11:00-12:20  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 5690020 4 MWF 12:30-2:00  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$25.00

PHYSICAL FITNESS KIN 163 1 CREDIT  
 Note: CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Satisfactory-Fail Only.  
 5694005 1 MW 8:00-8:50  
 MEETS: JAN 9-MAY 4

WALKING FOR FITNESS KIN 164 1 CREDIT  
 Satisfactory-Fail Only.  
 8867005 1 MW 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$25.00  
 8867010 2 MW 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$25.00  
 8867015 3 MW 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$25.00  
 8867020 4 TR 9:30-10:20  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$25.00  
 8867025 5 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$25.00  
 8867030 6 TR 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$25.00

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, EX SP/KIN 166  
 Satisfactory-Fail Only.  
 5696005 1 MW 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 5696010 2 MW 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 5696015 3 MW 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 5696020 4 MW 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 5696025 5 MW 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

TAEKWONDO/KARATE I KIN 170 1 CREDIT  
 Satisfactory-Fail Only.  
 5700005 1 MW 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 5700010 2 MW 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 5700015 3 MW 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

TAEKWONDO/KARATE II KIN 171 1 CREDIT  
 Prereq: 170  
 Satisfactory-Fail Only.  
 5701005 1 TR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

HAPKIDO/MARTL DFNSE KIN 173 1 CREDIT  
 Satisfactory-Fail Only.  
 5702005 1 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4

**KINESIOLOGY**

SWIMMING I KIN 101 1 CREDIT  
 Satisfactory-Fail Only.  
 5660005 1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

SWIMMING II KIN 102 1 CREDIT  
 Prereq: 101 OR EQUIVALENT SKILL  
 Satisfactory-Fail Only.  
 5661005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

AQUATIC FITNESS KIN 108 1 CREDIT  
 Prereq: 102 OR EQUIVALENT SKILL  
 Satisfactory-Fail Only.  
 5665005 1 TR 12:40-2:00  
 MEETS: JAN 9-MARCH 2

BADMINTON KIN 122 1 CREDIT  
 Satisfactory-Fail Only.  
 5671005 1 MWF 9:00-10:20  
 MEETS: JAN 9-MARCH 2  
 5671010 2 MWF 10:30-11:50  
 MEETS: JAN 9-MARCH 2

POCKET BILLIARDS KIN 126 1 CREDIT  
 Satisfactory-Fail Only.  
 5673005 1 MW 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$35.00  
 5673010 2 MW 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$35.00

BOWLING KIN 129 1 CREDIT  
 Satisfactory-Fail Only.  
 5675005 1 MW 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$35.00  
 5675010 2 MW 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$35.00  
 5675015 3 MW 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$35.00  
 5675020 4 TR 9:30-10:20  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$35.00  
 5675025 5 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$35.00  
 5675030 6 TR 12:40-1:30  
 MEETS: JAN 9-MAY 4  
 Note: Equipment use fee \$35.00

GOLF KIN 135 1 CREDIT  
 Satisfactory-Fail Only.  
 5678005 1 MWF 8:00-9:20  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$50.00  
 5678010 2 MWF 9:30-10:50  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$50.00  
 5678015 3 MWF 11:00-12:20  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$50.00  
 5678020 4 MWF 12:40-2:00  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$50.00

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

VOLLEYBALL KIN 182 1 CREDIT  
 Satisfactory-Fail Only.  
 5710005 1 TR 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 5710010 2 TR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5710015 3 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4

SOCCER KIN 185 1 CREDIT  
 Satisfactory-Fail Only.  
 5712005 1 TR 10:00-10:50  
 MEETS: JAN 9-MAY 4

CNCPTS FITNSS&WELLN KIN 210X 2 CREDITS  
 1554005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW

BASIC ATHLETIC TRAIN KIN 220 2 CREDITS  
 Prereq: BIOL 155 OR 255 AND 256  
 Note: Instructor permission required 1st week.  
 5729005 1 M 8:00-8:50  
 W 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00  
 5729010 2 M 8:00-8:50  
 F 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$50.00

PRE-ATH TRAIN PRACT KIN 221 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 222 AND PERMISS  
 OF ATHLETIC TRAINING PROGRAM DIRECTOR  
 Satisfactory-Fail Only.  
 6654005 1 T 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$75.00  
 6654010 2 R 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$75.00

BASIC ATHLETIC TRNG KIN 222 3 CREDITS  
 Prereq: BIOL 255, 255L  
 7917005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

EVAL ATH INJURIES I KIN 224 3 CREDITS  
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR  
 6655005 1 TR 9:30-10:20  
 MEETS: JAN 9-MAY 4

ATHL INJURI I PRACT KIN 225 1 CREDIT  
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR  
 Satisfactory-Fail Only.  
 6670005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

FUND OF AQUATICS KIN 230 1 CREDIT  
 Prereq: 101 OR EQUIVALENT. ELIGIBILITY FOR  
 ADMISSION TO KIN TEACHER EDUCATION PROGRAM  
 Note: COURSE RESTRICTED TO EX SP, HHP, KIN H MAJORS  
 ONLY.  
 Instructor permission required 1st week.  
 9614005 1 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4

FND INDOOR TEAM SPT KIN 232 1 CREDIT  
 Prereq: ELIGIBILITY FOR ADMISSION TO KIN  
 TEACHER EDUCATION PROGRAM  
 Note: COURSE RESTRICTED TO KIN H MAJORS ONLY.  
 FOR STUDENTS WITH FULL OR TENTATIVE ADMISSION TO  
 THE UNIVERSITY TEACHER EDUCATION PROGRAM.  
 Instructor permission required 1st week.  
 9616005 1 MW 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

FUND SELF-DEFENSE KIN 237 1 CREDIT  
 Note: Instructor permission required 1st week.  
 9453005 1 MW 8:00-8:50  
 MEETS: JAN 9-MAY 4

INTRO TAPE,EQP,BRAC KIN 240 1 CREDIT  
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR  
 Satisfactory-Fail Only.  
 2583005 1 TR 10:30-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$60.00

KINESIOLOGY PROFSSNS KIN 252 1 CREDIT  
 7415005 1 M 12:10-1:00  
 MEETS: JAN 9-MAY 4

ORIEN KINESIOL/HLTH KIN 253 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT OR CREDIT IN 252  
 Note: COURSE RESTRICTED TO KIN MAJORS ONLY  
 Satisfactory-Fail Only.  
 7498005 1 W 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 7498010 2 ARRANGED  
 MEETS: JAN 9-MAY 4

KINESIO SERVC LEARN KIN 257X .5 CREDIT  
 Prereq: 254  
 Satisfactory-Fail Only.  
 8841005 ARRANGED  
 MEETS: JAN 9-MAY 4

PHYS FITNESS & COND KIN 258 2 CREDITS  
 Prereq: MAJOR IN KINESIOLOGY OR HEALTH  
 Note: COURSE RESTRICTED TO PDEXA, PDEXH, EX SP, HHP,  
 KIN H MAJORS ONLY. CREDIT FOR EITHER KIN 163 OR  
 KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD  
 GRADUATION.  
 5732005 1 TR 10:00-10:50  
 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$25.00  
 5732010 2 TR 11:00-11:50  
 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$25.00  
 5732015 3 TR 1:10-2:00  
 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$25.00  
 5732020 4 TR 2:10-3:00  
 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$25.00

LDRSHP TECH FITNESS KIN 259 2 CREDITS  
 Prereq: 258  
 Note: COURSE RESTRICTED TO PDEXA, PDEXH, EX SP, C H E,  
 KIN H MAJORS ONLY.  
 9622005 1 MW 1:10-3:00  
 MEETS: JAN 9-MAY 4

ADV STRNGTH TRAINNG KIN 266 2 CREDITS  
 Prereq: 258, 259  
 7421005 1 TR 9:30-10:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

FIELD EXP ELEM P E KIN 280 1 CREDIT  
 Note: COURSE RESTRICTED TO KIN H MAJORS ONLY  
 Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 5736005 1 F 1:10-3:00  
 MEETS: JAN 9-MAY 4

ELEM&PRESCH MVMT ED KIN 284 3 CREDITS  
 Prereq: 3 CREDITS IN HUMAN DEVEL & FAMILY STUDIES  
 Note: 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: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

PRE-INTERN KINESIOL KIN 285 1- 2 CREDITS  
 Prereq: KINESIOLOGY AND HEALTH MAJOR, AND  
 PERMISSION OF INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 8750005 ARRANGED  
 MEETS: JAN 9-MAY 4

ELEM SCH MOVEMNT ED KIN 312 3 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN EX SP 280  
 Note: COURSE RESTRICTED TO KIN H MAJORS ONLY  
 CREDIT FOR EITHER KIN 275/312 OR KIN 284, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Instructor permission required 1st week.  
 5735005 1 TR 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

COACH THY&ADMIN ISS KIN 315 3 CREDITS  
 Note: COURSE RESTRICTED TO JRS AND SRS ONLY.  
 5372005 1 TR 11:00-12:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4

REHAB ATHLETIC INJUR KIN 326 3 CREDITS  
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR  
 2639005 1 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4



KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

REHAB ATH INJ PRACT KIN 327 1 CREDIT  
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR  
 Satisfactory-Fail Only.  
 5373005 1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

MGT HEALTH-FIT PROG KIN 345 3 CREDITS  
 Note: COURSE RESTRICTED TO D EXA, D EXH, PDEXA,  
 PDEXH JRS & SRS, KIN H MAJORS  
 7697005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$25.00

BIOMECHANICS KIN 355 3 CREDITS  
 Prereq: PHYS 106 OR 111  
 Note: Available for nonmajor graduate credit  
 5752005 1 MWF 8:00-8:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO D EXA, D EXH, PDEXA,  
 PDEXH JRS & SRS & KIN H MAJORS.  
 5752010 2 MWF 8:00-8:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN D EXA,  
 D EXH, KIN, KIN H, PDEXA, PDEXH. JRS & ABOVE ONLY.

PHYSIOLOGY EXERCISE KIN 358 3 CREDITS  
 Prereq: BIOL 255, 255L, 256 AND 256L  
 Note: COURSE RESTRICTED TO C H E, D EXA, D EXH,  
 PDEXA, PDEXH JRS & SRS, KIN H MAJORS.  
 Available for nonmajor graduate credit  
 5766005 1 MWF 12:10-1:00  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO D EXA, D EXH, PDEXA,  
 PDEXH JRS & SRS & KIN H MAJORS.  
 5766010 2 MWF 12:10-1:00  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN D EXA,  
 D EXH, KIN, KIN H, PDEXA, PDEXH. JRS & ABOVE ONLY.

SOC SPORT & EXERCISE KIN 360 3 CREDITS  
 Prereq: SOC 134, STAT 101 OR 104 OR 226/326;  
 OR KIN 471  
 Note: COURSE RESTRICTED TO D EXA, D EXH, PDEXA,  
 PDEXH JRS & SRS, KIN H MAJORS.  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 5753005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5753010 2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

SPORT PSYCHOLOGY KIN 365 3 CREDITS  
 Prereq: PSYCH 101 OR PSYCH 230  
 Note: COURSE RESTRICTED TO D EXA, D EXH, PDEXA,  
 PDEXH JRS & SRS, KIN H MAJORS.  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 5754005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS  
 Prereq: PSYCH 101 OR PSYCH 230  
 Note: Available for nonmajor graduate credit  
 7190005 1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO C H E, PDEXA, PDEXH,  
 JRS & SRS, KIN H MAJORS ONLY.  
 7190010 2 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC FOR JRS 7 SRS OTHER THAN C H E,  
 PDEXA, PDEXH, OR KIN H MAJORS

MOTOR CNTROL LIFESP KIN 372 3 CREDITS  
 Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256  
 Note: COURSE RESTRICTED TO D EXA, D EXH, PDEXA,  
 PDEXH, JRS & SRS, KIN H MAJORS.  
 Available for nonmajor graduate credit  
 9623005 1 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO D EXA, D EXH, PDEXA,  
 PDEXH JRS & SRS & KIN H MAJORS.  
 9623010 2 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN D EXA,  
 D EXH, KIN, KIN H, PDEXA, PDEXH. JRS & ABOVE ONLY.

TEACHNG PHYSICAL ED KIN 375 3 CREDITS  
 Prereq: ADMISSION TO UNIVERSITY TEACHER EDUC PROG  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 5756005 1 MW 2:10-3:00  
 R 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$25.00  
 5756010 2 MW 2:10-3:00  
 F 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$25.00

SEARCH STRAT EMPLOY KIN 385 R CREDIT  
 Prereq: JUNIOR CLASSIFICATION: TO BE TAKEN  
 MINIMUM OF 2 SEMESTERS PRIOR TO KIN 485  
 Note: COURSE RESTRICTED TO KIN H, JRS &  
 ABOVE & FSHNA AND FSHNH GRADUATE STUDENTS.  
 Satisfactory-Fail Only.  
 5761005 1 R 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 5761010 2 F 1:10-2:00  
 MEETS: JAN 9-MAY 4

SUPV TCHG-SECONDARY KIN 417 VAR. CREDITS  
 Prereq: 355,358,375,395,471,475, FULLY ADMITTED  
 TO TEACHER ED, MUST APPLY FOR APPROVAL TO ENROLL AT  
 BEGINNING OF THE SEMESTER PRIOR TO REGISTERING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 5764010 1A ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 Instructor permission required 1st week.  
 Professional support, field trips &/or  
 travel fee \$210.00  
 5764015 1R ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 Instructor permission required 1st week.  
 Professional support, field trips &/or  
 travel fee \$210.00

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 THE BEGIN OF SEMESTER PRIOR  
 TO REGISTERING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 5765005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 Professional support, field trips &/or  
 travel fee \$210.00  
 5765010 1A ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 Instructor permission required 1st week.  
 Professional support, field trips &/or  
 travel fee \$210.00  
 5765015 1R ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA  
 THE FIRST 8 WEEKS OF THE SEMESTER.  
 Instructor permission required 1st week.  
 Professional support, field trips &/or  
 travel fee \$210.00

LEGAL ASPS OF SPORT KIN 445 3 CREDITS  
 Note: COURSE RESTRICTED TO PDEXA, PDEXH JRS & SRS,  
 KIN H MAJORS.  
 8560005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

PRIN FITNESS ASSESS KIN 458 4 CREDITS  
 Prereq: 358  
 Note: COURSE RESTRICTED TO D EXA, D EXH, KIN H  
 MAJORS & FSHNA AND FSHNH GRADUATE STUDENTS  
 Instructor permission required 1st week.  
 5767005 1 MWF 1:10-2:00  
 T 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 5767010 2 MWF 1:10-2:00  
 T 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 5767015 3 MWF 1:10-2:00  
 R 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 5767020 4 MWF 1:10-2:00  
 R 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00  
 5767025 5 MWF 1:10-2:00  
 R 5:10-7:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

INTERN EXER LEADRSK KIN 459 1 CREDIT  
 Prereq: C- OR BETTER IN 259, CPR CERTIFICATION,  
 CONCURRENT ENROLLMENT IN 458  
 Note: CONCURRENT ENROLLMENT IN 458 IS REQUIRED.  
 RESTRICTED TO D EXA, D EXH, PDEXA, PDEXH  
 JRS & SRS, KIN H MAJORS.  
 3473005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

MEDIC ASPECTS EXERC KIN 462 3 CREDITS  
 Prereq: 358  
 Note: COURSE RESTRICTED TO D EXA, D EXH, PDEXA, PDEXH JRS & SRS & KIN H MAJORS.  
 Available for nonmajor graduate credit  
 5763005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

MEASUREMT IN PHY ED KIN 471 3 CREDITS  
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 7432005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

NEURL BASIS HUM MVT KIN 472 3 CREDITS  
 Prereq: 372 OR PSYCH 310  
 Note: Available for nonmajor graduate credit  
 7322005 MW 3:10-4:30  
 MEETS: JAN 9-MAY 4

FUNCTIONAL ANATOMY KIN 480 3 CREDITS  
 Prereq: 355; BIOL 155, OR 255 AND 256  
 Note: Available for nonmajor graduate credit  
 6175005 1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

BIOMECHANICS LAB KIN 481 1 CREDIT  
 Prereq: 355  
 6288005 1 R 10:00-11:50  
 MEETS: JAN 9-MAY 4

EXERCSE PHYSIOL LAB KIN 482 1 CREDIT  
 Prereq: 358  
 6298005 1 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6298010 2 T 12:10-2:00  
 MEETS: JAN 9-MAY 4

MOTOR CONTROL LAB KIN 484 1 CREDIT  
 Prereq: 372  
 6317005 1 R 12:10-2:00  
 MEETS: JAN 9-MAY 4

INTERNSH FITNSS MGT KIN 485A 1-16 CREDITS  
 Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN, C- OR BETTER IN 458 AND 459, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0  
 Satisfactory-Fail Only.  
 5772005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

INTERNSHP SPORT&ACT KIN 485B 1-16 CREDITS  
 Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0  
 Satisfactory-Fail Only.  
 5773005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

RSRCH TOPCS ATH TRN KIN 488 1- 2 CREDITS  
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR  
 Satisfactory-Fail Only.  
 5775005 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

ATHL TRAIN COMPETNC KIN 489 R CREDIT  
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR, SENIOR CLASSIFICATION  
 Satisfactory-Fail Only.  
 3220005 ARRANGED  
 MEETS: JAN 9-MAY 4

IND STUDY EXER&SPRT KIN 490A 1- 3 CREDITS  
 Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY COACHING KIN 490B 1- 3 CREDITS  
 Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS KIN 490H 1- 3 CREDITS  
 Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INJURY BIOMECHANICS KIN 515X 3 CREDITS  
 Prereq: 355 OR PERMISSION OF INSTRUCTOR  
 8863005 TR 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

SOCIAL ANALYS SPORT KIN 520 3 CREDITS  
 Prereq: 360; MAJOR IN KIN OR INSTRUCTOR PERMISSN  
 Note: Instructor permission required 1st week.  
 5784005 R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

ADV PHYSIOL EXER II KIN 551 3 CREDITS  
 Prereq: 505  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS  
 5792005 R 4:10-6:00PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4

NEURAL BASIS HM MVT KIN 572 3 CREDITS  
 Prereq: 372 OR PSYCH 310  
 7327005 MW 3:10-4:30  
 MEETS: JAN 9-MAY 4

SPECIAL TOPICS P E KIN 590A 1- 3 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 590B 1- 3 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1- 3 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO KIN 590E 1- 3 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1- 3 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1- 3 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS KIN 590H 1- 3 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH ETHCS KIN 590I 1- 3 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1- 6 CREDITS  
 Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP EX PHYS KIN 591D 1- 6 CREDITS  
 Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT KIN 599 1- 3 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR KIN 615 1- 3 CREDITS  
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2012  
 Instructor permission required 1st week.  
 5812005 F 1:10-2:00  
 MEETS: JAN 9-MAY 4

RESEARCH KIN 699 1- 6 CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**LANDSCAPE ARCHITECTURE**

STUDIO:SITE DSIGN I L A 202 6 CREDITS  
 Prereq: 201  
 Note: Instructor permission required 1st week.  
 4767005 MW 1:10-5:20  
 F 4:10-5:20  
 F 1:10-3:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$25.00

INTRDUCD PLT MIDWST L A 222 3 CREDITS  
 Prereq: 221  
 Note: Instructor permission required 1st week.  
 4774005 TR 12:40-1:30  
 TR 1:40-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$40.00

FND NAT R PLCY&HIST L A 270 3 CREDITS  
 3566005 TR 12:40-2:00  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 PRITCHARD J

LANDSCAPE ARCHITECTURE (CONTINUED)

LANDSCAPE ARCHITECTURE (CONTINUED)

SOCIAL&BEHAV LNDSCLP L A 274 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 7943005 1 M 10:00-10:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4

LNDSCLPE DYNMCS&DSGN L A 282X 3 CREDITS  
 Prereq: SOPHOMORE STANDING  
 7189005 TR 11:00-11:50  
 F 10:00-11:50  
 MEETS: JAN 9-MAY 4

ECO DSN REGNL SCALE L A 302 6 CREDITS  
 Prereq: 301, 381, 465, AGRON 156  
 Note: Instructor permission required 1st week.  
 4778005 F 1:10-3:50  
 F 4:10-5:20  
 MW 1:10-5:20  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$40.00

CONTEMP LANDSC ARCH L A 341 1 CREDIT  
 Prereq: 301  
 6119005 M 12:10-1:00  
 MEETS: JAN 9-MAY 4

HIST MODRN LANDSCAP L A 371 3 CREDITS  
 4662005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

ADV LAND ARC DESIGN L A 404 6 CREDITS  
 Prereq: 401  
 Note: Instructor permission required 1st week.  
 4781005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV LAND ARC DESIGN L A 404H 6- 7 CREDITS  
 Prereq: 401. MEMBERSHIP IN UNIV HONORS PROGRAM.  
 Note: Instructor permission required.  
 7150005 ARRANGED  
 MEETS: JAN 9-MAY 4

SENIOR THESIS L A 405H 6 CREDITS  
 Prereq: 401, 402, 403, AND ENROLLMENT IN HONORS  
 PROGRAM; PERMISSION OF ADVISOR, CHAIR AND THESIS  
 ADVISER  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONL PRACTCE L A 441 2 CREDITS  
 Prereq: 481  
 Note: Instructor permission required 1st week.  
 4783005 M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

LAND ARCH INTERNSHP L A 444A R CREDIT  
 Prereq: L A 341, PERMISSION OF ADVISER AND CHAIR  
 3036005 ARRANGED  
 MEETS: JAN 9-MAY 4

L ARCH STUDY ABROAD L A 444B R CREDIT  
 Prereq: L A 341, PERMISSION OF ADVISER AND CHAIR  
 6212005 ARRANGED  
 MEETS: JAN 9-MAY 4

LA NAT'L STDT XCHNG L A 444C R CREDIT  
 Prereq: L A 341, PERMISSION OF ADVISER AND CHAIR  
 6213005 ARRANGED  
 MEETS: JAN 9-MAY 4

FUND REMOTE SENSING L A 454X 3 CREDITS  
 9372005 TR 10:00-11:50  
 MEETS: JAN 9-MAY 4

TOPIC CONSTRUCTION L A 478C 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012  
 3913005 T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

TOPIC HIST/THRY/CRT L A 478D 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 Note: TOPIC: REPRESENTATION TO STIMULATION  
 COURSE OFFERED FOR 3 CREDITS SPRING 2012  
 3917005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC LANDSC PLANNG L A 478E 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 3918005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC URBAN DESIGN L A 478F 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 3919005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPICAL ST GRAPHICS L A 478G 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 3921005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPICAL STUD HONORS L A 478H 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 3959005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC INTERDISCIPLIN L A 478I 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 3970005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC INTERNAT'L ST L A 478J 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012  
 4073005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC COMPUTER APP L A 478K 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 4092005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC ECOLOG DESIGN L A 478L 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 6990005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC SOCIA/BEHAVRL L A 478M 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 3740005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPIC NATURL RSOURC L A 478N 2- 3 CREDITS  
 Prereq: 371 OR SENIOR OR GRADUATE STANDING  
 3741005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV LNDSCLP CONSTRUC L A 482 3 CREDITS  
 Prereq: 481  
 8224005 TR 9:30-10:50  
 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

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

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

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

INDEP STUDY HISTORY L A 490D 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU LANDSC PLAN L A 490E 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

INDEP STUDY HONORS L A 490H 1- 6 CREDITS  
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
 MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

LANDSCAPE ARCHITECTURE (CONTINUED)

IND STDY CMPTR APPL L A 490K 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

IND STDY SOCIAL/BHV L A 490M 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

IND STU NATU RESRCE L A 490N 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN L A 491 3 CREDITS  
Prereq: 6 CREDITS IN NATURAL SCIENCES  
3551005 TR 9:30-10:50  
MEETS: JAN 9-MAY 4

FUND REMOTE SENSING L A 554X 3 CREDITS  
9373005 TR 10:00-11:50  
MEETS: JAN 9-MAY 4

LANDSCAP ARC THEORY L A 571 3 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
4803005 T 5:10-8:00PM  
MEETS: JAN 9-MAY 4

TOPIC CONSTRUCTION L A 578C 2- 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012  
4166005 T 5:10-8:00PM  
MEETS: JAN 9-MAY 4

TOPIC HIST/THRY/CRT L A 578D 2- 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012  
4182005 ARRANGED  
MEETS: JAN 9-MAY 4

TOPIC LANDSC PLANNG L A 578E 2- 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
4191005 ARRANGED  
MEETS: JAN 9-MAY 4

TOPIC URBAN DESIGN L A 578F 2- 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
4199005 ARRANGED  
MEETS: JAN 9-MAY 4

TOPICAL ST GRAPHICS L A 578G 2- 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
4200005 ARRANGED  
MEETS: JAN 9-MAY 4

TOPIC INTERDISCIPLIN L A 578I 2- 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
4226005 ARRANGED  
MEETS: JAN 9-MAY 4

TOPIC INTERNAT'L ST L A 578J 2- 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012  
4228005 ARRANGED  
MEETS: JAN 9-MAY 4

TOPIC COMPUTER APP L A 578K 2- 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
4250005 ARRANGED  
MEETS: JAN 9-MAY 4

TOPICAL ECO DESIGN L A 578L 2- 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
4254005 ARRANGED  
MEETS: JAN 9-MAY 4

TOPIC SOCIA/BEHAVRL L A 578M 2- 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
3747005 ARRANGED  
MEETS: JAN 9-MAY 4

TOPIC NATURL RSOURC L A 578N 2- 3 CREDITS  
Prereq: SENIOR OR GRADUATE STANDING  
3749005 ARRANGED  
MEETS: JAN 9-MAY 4

THESIS,CRTV CMP,TUT L A 580 1- 4 CREDITS  
Prereq: PERMISSION OF MAJOR PROFESSOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE (CONTINUED)

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

SPL TOPC PLNTNG DSN 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

SPCL 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

SPL TOP URBAN DSIGN L A 590F 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP INTERDISCIP L A 590I 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL L A 590K 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BEHV L A 590M 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A 590N 1- 6 CREDITS  
Prereq: GRADUATE STANDING  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN L A 591 3 CREDITS  
Prereq: GRADUATE CLASSIFICATION  
2350005 TR 9:30-10:50  
MEETS: JAN 9-MAY 4

CREATIVE COMPONENT L A 599 1- 8 CREDITS  
Prereq: PERMISSION OF MAJOR PROF  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH L A 699 1- 8 CREDITS  
Prereq: PERMISSION OF MAJOR PROFESSOR  
Note: Instructor permission required 1st week.  
\*\*\*\*\*  
SEE DEPT FOR REFERENCE NUMBERS

LATIN

ELEMENTARY LATIN I LATIN 101 4 CREDITS  
4854005 W ARRANGED  
MEETS: JAN 9-MAY 4  
Note: Course delivery is WWW  
Materials and equipment use fee \$25.00

4854600 XW ARRANGED MEYERS R  
MEETS: JAN 9-MAY 4  
Note: Section XW is off campus  
Course delivery is WWW  
Delivery fee \$200.00  
Section info: <http://www.language.iastate.edu/main/pro/cls/cou/online/latin101.cfm>

LATIN (CONTINUED)

ELEMENTARY LATIN II LATIN 102 4 CREDITS  
 Prereq: 101  
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL LATIN MAY NOT ENROLL IN 102. STUDENTS WHO HAVE COMPLETED MORE THAN 1 YEAR BUT LESS THAN 3 YEARS OF H.S. LATIN ARE REQUIRED TO TAKE 1ST YR TESTOUT EXAM.  
 Meets international perspectives reqmt  
 4855020 W ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Materials and equipment use fee \$25.00  
 4855005 1 MTWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 4855010 2 MTWR 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 4855015 3 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Materials and equipment use fee \$25.00  
 4855600 XW ARRANGED HENRY M  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$200.00

INTRO TO LATIN LIT LATIN 332 VAR. CREDITS  
 Prereq: 201  
 Note: Meets international perspectives reqmt  
 4857600 XW MWF 9:30-10:20  
 MEETS: JAN 9-MAY 4  
 Note: FOR PERMISSION TO REGISTER, CONTACT MARGARET MOOK AT MSMOOK@IASTATE OR 515-294-4229. THIS COURSE IS TAUGHT VIA VIDEO STREAM FROM THE UNIVERSITY OF IOWA. LIVE VIEWING IS REQUIRED. OFFERED FOR 3 CREDITS SPRING 2012  
 Department permission required.  
 Section XW is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$150.00

ADV TOPICS LATN LIT LATIN 442 3 CREDITS  
 Prereq: 332  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 4860005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

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

**LIBERAL ARTS & SCIENCES**

ORIENTATION LAS 101 .5 CREDIT  
 Satisfactory-Fail Only.  
 6241005 W 1:10-2:00  
 MEETS: JAN 9-MARCH 2

HUMANITIES FRONTIERS LAS 103B 1 CREDIT  
 Satisfactory-Fail Only.  
 7463005 W 4:10-5:00  
 MEETS: JAN 9-MAY 4

MATH & SCI FRONTIERS LAS 103D 1 CREDIT  
 Satisfactory-Fail Only.  
 7465005 1 M 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 7465010 2 W 3:10-4:00  
 MEETS: JAN 9-MAY 4

SOCIAL SCI FRNTIERS LAS 103E 1 CREDIT  
 Satisfactory-Fail Only.  
 7466005 1 W 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 7466010 2 W 5:10-6:00PM  
 MEETS: JAN 9-MAY 4

PERSONAL CAREER DEV LAS 104 2 CREDITS  
 Prereq: 12 CREDITS OF ISU COURSEWORK  
 6243005 1 TR 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 6243010 2 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 6243015 3 MW 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 6243020 4 MW 2:10-3:00  
 MEETS: JAN 9-MAY 4

LIBERAL ARTS & SCIENCES (CONTINUED)

INTR U.S. LATINO ST LAS 211 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 2890005 1 TR 12:30-2:00  
 MEETS: JAN 9-MAY 4  
 2890010 2 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 2890015 3 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

LDRSHD DIVERSE SOCI LAS 222 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Meets U.S. diversity reqmt  
 8176005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

CULTURS IN TRANSITN LAS 250 3 CREDITS  
 Note: TOPIC: RUSSIAN CULTURE IN THE 20TH & 21ST CENTURIES.  
 Meets international perspectives reqmt  
 7258005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

SPL PROB AMBASSADRS LAS 290A 1- 3 CREDITS  
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;  
 PERMISSION OF LAS DEAN  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 7195005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

SPECIAL PROBLEMS LAS 290D 1- 3 CREDITS  
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;  
 PERMISSION OF LAS DEAN  
 7384005 1 W 4:10-5:00 PLAGMAN-GALVIN J  
 MEETS: JAN 9-MAY 4  
 7384010 2 TR 4:10-5:00 PLAGMAN-GALVIN J  
 MEETS: JAN 9-MAY 4  
 Note: SECT 2 OFFERED FOR 2 CREDITS SPRING 2012  
 Instructor permission required.

SPL PROB CATT CENTR LAS 290G 1- 3 CREDITS  
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION,  
 PERMISSION OF THE DIRECTOR OF THE CATT CENTER  
 Note: PERMISSION OF DIRECTOR OF THE CATT CENTER  
 REQUIRED TO ADD.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SRVC LRN INTL PERSP LAS 291C 1- 4 CREDITS  
 Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE  
 Satisfactory-Fail Only.  
 3699800 BZ ARRANGED FIEGEL L  
 MEETS: MARCH 10-MAY 4  
 Note: SEC BZ TAUGHT IN PUNTA GORDA, BEIZE.  
 SERVICE-LEARNING IN THE CARIBBEAN: BELIZE  
 STUDY ABOARD SPRING 2012. OFFERED FO 2 CREDITS  
 Study Abroad Administrative Fee Applies

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

INTR ASIAN AMER STU LAS 325 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 7260005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

TOPCS INTRDISCIP ST LAS 350A 2- 4 CREDITS  
 7871005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPICS SOCIAL SCIEN LAS 350D 2- 4 CREDITS  
 7875005 1 MW 2:10-3:00, ARRANGED  
 MEETS: JAN 9-MAY 4

PRE-STU ABROAD SEMN LAS 395A 1 CREDIT  
 4279005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

STDY ABROAD HUMANIT LAS 395B 1- 4 CREDITS  
 4289005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

STDY ABROAD COMMUNC LAS 395C 1- 4 CREDITS  
 4293005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

STU ABROAD MATH&SCI LAS 395D 1- 4 CREDITS  
 4294005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

STDY ABROAD SOC SCI LAS 395E 1- 4 CREDITS  
 8018005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

LIBERAL ARTS & SCIENCES

(CONTINUED)

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

INDEPENDENT STUDY LAS 490 VAR. CREDITS  
 Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE  
 Note: NO MORE THAN 9 CREDITS OF LAS 490 MAY BE  
 APPLIED TOWARD GRADUATION.  
 College permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRNSH LAS 490E VAR. CREDITS  
 Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE  
 Note: NO MORE THAN 9 CREDITS OF LAS 490 MAY BE  
 APPLIED TOWARD GRADUATION.  
 College permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR LAS 490G VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 9 CREDITS OF LAS 490 MAY BE  
 APPLIED TOWARD GRADUATION.  
 Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SERVICE LEARNING LAS 491A 1- 4 CREDITS  
 Prereq: PERMISSION OF THE INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SRVC LRN INTL PERSP LAS 491C 1- 4 CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 498 R CREDIT  
 Prereq: PERMISSION OF LAS CAREER SERVICES,  
 SENIOR CLASSIFICATION  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LAS 499 1- 4 CREDITS  
 Prereq: PERMISSION OF LAS CAREER SERVICES  
 Note: College permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

LIBRARY

LIBRARY INSTRUCTION LIB 160 .5 CREDIT  
 Prereq: STUDENTS WHOSE NATIVE LANGUAGE IS NOT  
 ENGLISH MUST COMPLETE ENGLISH 101 REQUIREMENT  
 Note: TEST-OUT EXAM SCHEDULED WED., JAN. 19, 4:00 PM;  
 THURS., JAN. 20, 3:00 PM; WED., MARCH 23, 4:00 PM; OR  
 THURS., MARCH 24, 3:00 PM. SPECIAL LIBRARY TEST-OUT  
 FEE IS \$20. DETAILS AVAILABLE IN 140 PARKS LIBRARY.  
 Satisfactory-Fail Only.

4862005 1 M 9:00-9:50  
 MEETS: JAN 9-MARCH 2

4862010 2 M 10:00-10:50  
 MEETS: JAN 9-MARCH 2

4862015 3 M 11:00-11:50  
 MEETS: JAN 9-MARCH 2

4862020 4 M 1:10-2:00  
 MEETS: JAN 9-MARCH 2

4862025 5 M 2:10-3:00  
 MEETS: JAN 9-MARCH 2

4862030 6 T 9:00-9:50  
 MEETS: JAN 9-MARCH 2

4862035 7 T 10:00-10:50  
 MEETS: JAN 9-MARCH 2

4862040 8 T 11:00-11:50  
 MEETS: JAN 9-MARCH 2

4862045 9 T 1:10-2:00  
 MEETS: JAN 9-MARCH 2

4862050 10 T 2:10-3:00  
 MEETS: JAN 9-MARCH 2

4862055 11 W 10:00-10:50  
 MEETS: JAN 9-MARCH 2

4862060 12 W 11:00-11:50  
 MEETS: JAN 9-MARCH 2

4862065 13 W 1:10-2:00  
 MEETS: JAN 9-MARCH 2

4862070 14 W 2:10-3:00  
 MEETS: JAN 9-MARCH 2

4862075 15 R 9:00-9:50  
 MEETS: JAN 9-MARCH 2

4862080 16 R 10:00-10:50  
 MEETS: JAN 9-MARCH 2

4862085 17 R 11:00-11:50  
 MEETS: JAN 9-MARCH 2

4862090 18 R 1:10-2:00  
 MEETS: JAN 9-MARCH 2

4862095 19 R 2:10-3:00  
 MEETS: JAN 9-MARCH 2

4862100 20 F 9:00-9:50  
 MEETS: JAN 9-MARCH 2

4862105 21 F 10:00-10:50  
 MEETS: JAN 9-MARCH 2

4862110 22 F 11:00-11:50  
 MEETS: JAN 9-MARCH 2

4862115 23 F 1:10-2:00  
 MEETS: JAN 9-MARCH 2

4862120 24 M 9:00-9:50  
 MEETS: MARCH 5-MAY 4

LIBRARY

(CONTINUED)

LIBRARY INSTRUCTION LIB 160 .5 CREDIT  
 4862125 25 M 10:00-10:50  
 MEETS: MARCH 5-MAY 4

4862130 26 M 11:00-11:50  
 MEETS: MARCH 5-MAY 4

4862135 27 M 1:10-2:00  
 MEETS: MARCH 5-MAY 4

4862140 28 M 2:10-3:00  
 MEETS: MARCH 5-MAY 4

4862145 29 T 9:00-9:50  
 MEETS: MARCH 5-MAY 4

4862150 30 T 10:00-10:50  
 MEETS: MARCH 5-MAY 4

4862155 31 T 11:00-11:50  
 MEETS: MARCH 5-MAY 4

4862160 32 W 10:00-10:50  
 MEETS: MARCH 5-MAY 4

4862165 33 W 11:00-11:50  
 MEETS: MARCH 5-MAY 4

4862170 34 W 1:10-2:00  
 MEETS: MARCH 5-MAY 4

4862175 35 W 2:10-3:00  
 MEETS: MARCH 5-MAY 4

4862180 36 R 9:00-9:50  
 MEETS: MARCH 5-MAY 4

4862185 37 R 1:10-2:00  
 MEETS: MARCH 5-MAY 4

4862190 38 R 2:10-3:00  
 MEETS: MARCH 5-MAY 4

4862200 39 F 9:00-9:50  
 MEETS: MARCH 5-MAY 4

4862205 40 F 10:00-10:50  
 MEETS: MARCH 5-MAY 4

4862210 41 F 11:00-11:50  
 MEETS: MARCH 5-MAY 4

4862215 42 F 1:10-2:00  
 MEETS: MARCH 5-MAY 4

LINGUISTICS

INTRO STDY LINGUIST LING 101 1 CREDIT  
 7490005 A T 3:40-4:30  
 MEETS: JAN 9-MAY 4

INTR SYMBOLIC LOGIC LING 207 3 CREDITS  
 Note: Instructor permission required 1st week.  
 8592005 TR 9:30-10:50 BUTLER A  
 MEETS: JAN 9-MAY 4

INTRO LINGUISTICS LING 219 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION

8593005 A MW 1:10-2:00  
 F 10:00-10:50  
 MEETS: JAN 9-MAY 4

8593010 B MW 1:10-2:00  
 F 11:00-11:50  
 MEETS: JAN 9-MAY 4

8593015 C MW 1:10-2:00  
 F 1:10-2:00  
 MEETS: JAN 9-MAY 4

8593020 D MW 1:10-2:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4

DESCRP ENGL GRAMMAR LING 220 3 CREDITS  
 Prereq: ENGL 250

8594005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

BASIC SIGN LANGUAGE LING 286 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 8597600 XW ARRANGED VENKATAGIRI H  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

THEORY OF COMPUTING LING 331 3 CREDITS  
 Prereq: COM S 228, 229, 330 OR CPR E 310,  
 MATH 166, ENGL 250 OR ENGL 105  
 Note: Available for nonmajor graduate credit

8601005 1 MWF 9:00-9:50 ZHANG T  
 T 9:00-9:50 ZHANG T  
 MEETS: JAN 9-MAY 4

8601010 2 MWF 9:00-9:50 ZHANG T  
 T 1:10-2:00 ZHANG T  
 MEETS: JAN 9-MAY 4

INTR SPANSH PHONOLG LING 352 3 CREDITS  
 Prereq: SPAN 301, 303, OR 304  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit

3492005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

LINGUISTICS

(CONTINUED)

LINGUISTICS

(CONTINUED)

PHONETICS&PHONOLOGY LING 371 3 CREDITS  
 8595600 XW ARRANGED VENKATAGIRI H  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

PSYCH OF LANGUAGE LING 413 3 CREDITS  
 Prereq: PSYCH 101  
 Note: Available for nonmajor graduate credit  
 8603005 A1 TR 12:40-2:00 MORRIS A  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.  
 8603010 A2 TR 12:40-2:00 MORRIS A  
 MEETS: JAN 9-MAY 4

HIST OF ENGLISH LANG LING 420 3 CREDITS  
 Prereq: ENGL 219, 220  
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY  
 Available for nonmajor graduate credit  
 8605005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

WOMEN,MEN&ENGL LANG LING 422 3 CREDITS  
 Prereq: ENGL 219  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 3612005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

2ND LANG LRNG&TCHNG LING 425 3 CREDITS  
 Prereq: ENGL 219, JUNIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 9594005 A MW 5:10-6:30PM  
 MEETS: JAN 9-MAY 4

CONTRST SPAN ENGLISH LING 462 3 CREDITS  
 Prereq: SPAN 351  
 Note: Available for nonmajor graduate credit  
 4671005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

WRLD LANGU MTHDS EL LING 486 3 CREDITS  
 Prereq: 25 CREDITS IN A WORLD LANGUAGE  
 Note: Available for nonmajor graduate credit  
 2896600 XW ARRANGED ROSENBUSCH M  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

IND STU LINGUI,SMAN LING 490B VAR. CREDITS  
 Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO  
 THE TOPIC, JR CLASSIFICATION, PERMISSION OF THE  
 UNDERGRADUATE STUDIES COMMITTEE  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY LING ANTHR LING 490D 1- 5 CREDITS  
 Prereq: 9 CREDITS IN ANTHROPOLOGY  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LANGU ASSES PRACTM LING 513 3 CREDITS  
 Prereq: 519  
 9060005 A ARRANGED  
 MEETS: JAN 9-MAY 4

SOCIOLINGUISTICS LING 514 3 CREDITS  
 Prereq: 511 OR AN INTRO COURSE IN LING  
 8619006 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

2ND LANUAGE ASSESSM LING 519 3 CREDITS  
 Prereq: 511  
 9070005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

COMPUTNL ANALY ENGL LING 520 3 CREDITS  
 Prereq: 510 AND 511  
 6500005 A TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

TCH NONNATV LIS&SPK LING 525 3 CREDITS  
 Prereq: 511 OR INTRODUCTORY COURSE IN LINGUISTICS  
 4479005 A TR 11:00-12:20 LEVIS J  
 MEETS: JAN 9-MAY 4  
 4479600 XW ARRANGED LEVIS J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

CPR-ASSIST LANG LRN LING 526 3 CREDITS  
 Prereq: 511 OR EQUIVALENT  
 7280005 A M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

DISCOURSE ANALYSIS LING 527 3 CREDITS  
 Prereq: 511 OR AN INTRO COURSE IN LINGUISTICS  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.  
 2238005 A W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

PRA TCH ENG 2ND LNG LING 588 3 CREDITS  
 Prereq: 9 CREDITS TOWARD THE TESL CERTIFICATE;  
 15 CREDITS TOWARD THE TESL/APPLIED LING MASTER'S  
 DEGREE; OR COMPLETION OF ALL OTHER REQUIREMENTS  
 FOR K-12 ESL TEACHER ENDORSEMENT.  
 6550005 A ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or  
 travel fee \$25.00

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

SEMNR TEC&APP LINGUI LING 630 3 CREDITS  
 Prereq: 510, 511  
 6567005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

PRACTCM TEC &LINGUI LING 688 3 CREDITS  
 Prereq: 510, ENGL 626, OR EQUIVALENT; AT LEAST  
 SECOND YR PH.D. STUDENT IN APPLIED LING & TECHNOLOGY  
 6574005 A ARRANGED  
 MEETS: JAN 9-MAY 4

MANAGEMENT

ENTREPRENRSH&INNOV MGMT 310 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT, BUS S, BUS U,  
 BUSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM  
 MAJORS ONLY. SEC A2,B2,C2 FOR COLLEGES OTHER THAN  
 BUSINESS MAJORS. GRADUATE STUDENTS SEE 1200  
 GERDIN FOR PERMISSION.  
 5318005 A1 MW 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 5318010 A2 MW 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 5318015 B1 MW 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 5318020 B2 MW 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 5318025 C1 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 5318030 C2 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

FEASIB ANLY&BUS PLN MGMT 313 3 CREDITS  
 Prereq: 310  
 Note: SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U,  
 BUSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS  
 ONLY. SEC A2,B2 FOR COLLEGES OTHER THAN BUSINESS  
 MAJORS. GRADUATE STUDENTS SEE 1200 GERDIN FOR  
 PERMISSION.  
 6779005 A1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6779010 A2 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6779015 B1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 6779020 B2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

INT'L ENTREPRENRSH MGMT 367 3 CREDITS  
 Prereq: ENROLLMENT IN STUDY ABROAD PROGRAM AND  
 PERMISSION OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 9427005 A1 MW 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO COLLEGE OF BUSINESS  
 MAJORS ONLY  
 9427010 A2 MW 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN BUS COLLEGE

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS  
 Prereq: ECON 101 OR 102 OR EQUIVALENT  
 Note: COURSE RESTRICTED TO ACCT, AN S, AST, AG B,  
 BUS S, BUS U, BUSEC, DY S, HORT, FIN, FS A, I TEC,  
 I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY.  
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MKT 340  
 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.  
 NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND  
 SCM 301X.  
 5282005 A MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 5282010 B MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 5282015 C MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 5282020 D M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 5282025 E TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 5282030 F TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

MANAGEMENT

(CONTINUED)

MANAGEMENT

(CONTINUED)

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS  
 5282035 G MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 5282040 J MW 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC J FOR MAJORS OTHER THAN BUSINESS COLLEGE

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS  
 Prereq: 370  
 Note: SEC A1,B1 RESTRICTED ACCT, BUS S, BUS U,  
 BUSEC, FIN, MGMT, MIS, MKT, OSM, LSCM, SCM  
 MAJORS ONLY SEC A2,B2 FOR COLLEGES OTHER  
 THAN BUS. COURSE NOT OPEN TO GRADUATE STUDENTS  
 WITHOUT PERMISSION FROM 1200 GERDIN.  
 5283005 A1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5283010 A2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5283015 B1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 5283020 B2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 5283025 C1 MW 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 5283030 C2 MW 3:40-5:00  
 MEETS: JAN 9-MAY 4

COMPETITIVE STRATGY MGMT 377 3 CREDITS  
 Prereq: 370  
 Note: COURSE RESTRICTED MGMT MAJORS ONLY. GRADUATE  
 STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 5320005 A MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 5320010 B MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

INTERNATIONAL MGMT MGMT 414 3 CREDITS  
 Note: SEC A1,B1 RESTRICTED TO AG B, I TEC, I BUS,  
 MGMT MAJORS ONLY. EC A2, B2 ECT FOR MAJORS  
 OTHER THAN P BUS, AG B, I TEC, I BUS, MGMT.  
 GRADUATE STUDENTS SEE 1200 GERDIN FOR  
 PERMISSION.  
 Available for nonmajor graduate credit  
 5285005 A1 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 5285010 A2 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 5285015 B1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 5285020 B2 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

SOC RESPONSBLTY BUS MGMT 419 3 CREDITS  
 5288005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO BUSINESS MAJORS OTHER THAN  
 P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT  
 PERMISSION FROM 1200 GERDIN.

PERS&HUM RESOUR MGT MGMT 471 3 CREDITS  
 Prereq: JUNIOR STANDING  
 Note: SEC A1,B1,C1 RESTRICTED TO MGMT MAJORS. SEC  
 A2,B2,C2 RESTRICTED MAJORS OTHER MGMT, P BUS.  
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT  
 PERMISSION OF 1200 GERDIN.  
 5293005 A1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 5293010 A2 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 5293015 B1 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 5293020 B2 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4

MANAGE OF DIVERSITY MGMT 472 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT  
 PERMISSION OF 1200 GERDIN.  
 Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 4444005 A1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,  
 FIN, LSCM, MGMT, MIS, MKT, OSM SCM MAJORS ONLY.  
 4444010 A2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS  
 Prereq: 370; ACCT 285; FIN 301; MKT 340; SCM 301;  
 GRADUATING SENIOR  
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING  
 2012 IN THE COLLEGE OF BUSINESS  
 5294005 A TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 5294010 B TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 5294015 C TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 5294020 D TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 5294025 E TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 5294030 F TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS  
 5294035 G TR 5:10-6:25PM  
 MEETS: JAN 9-MAY 4  
 5294040 J MW 3:40-5:00  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS  
 Prereq: 370, SENIOR CLASSIFICATION, PERMISSION OF  
 INSTRUCTOR  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTL ENTPRENEURSHP MGMT 567 3 CREDITS  
 3728600 XW ARRANGED VANAUKEN H  
 MEETS: JAN 11-APRIL 4  
 Note: NON-BUSINESS GRADUATE STUDENTS NEED TO CONTACT  
 BUSINESS GRADUATE OFFICE FOR APPROVAL AT 515-294-8118  
 OR BUSGRAD@IASTATE.EDU. THIS COURSE WILL MEET FACE TO  
 FACT, FIRST & LAST DAY AT 6 PM-9:20 PM.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is On-site instruction

MNG EMPLYE ATTI&BHV MGMT 570 3 CREDITS  
 Prereq: 371 OR 507 OR PSYCH 450  
 5300005 A M 6:00-9:20PM MORROW P  
 MEETS: JAN 9-APRIL 2

CORP GOVERN&TOP MGT MGMT 582 3 CREDITS  
 Prereq: 502 OR PERMISSION  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 8410005 A R 6:00-9:20PM  
 MEETS: JAN 12-APRIL 5

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

PHILOSPHY OF SCIENC MGMT 601 3 CREDITS  
 Prereq: ENROLLMENT IN PH D PROGRAM  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.  
 7256005 A R 2:10-5:00  
 MEETS: JAN 9-MAY 4

STR MGMT/TECH & INV MGMT 603 3 CREDITS  
 Prereq: MGMT 601  
 Note: COURSE RESTRICTED TO BUSTC PHD MAJORS.  
 7269005 A W 9:00-11:50  
 MEETS: JAN 9-MAY 4

SEM IN ORGNZ BEHAV MGMT 604 3 CREDITS  
 Prereq: ENROLLMENT IN PH D PROGRAM  
 7274005 A T 9:00-11:50  
 MEETS: JAN 9-MAY 4

MANAGEMENT INFORMATION SYSTEMS

FUND CPTR PROGRAMNG MIS 207 3 CREDITS  
 Prereq: MATH 150 OR PLACEMENT INTO MATH  
 140/141/142 OR HIGHER  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 6633005 1 MWF 12:10-1:00  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 6633010 2 MWF 12:10-1:00  
 W 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 6633015 3 MWF 12:10-1:00  
 W 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 6633020 4 MWF 12:10-1:00  
 T 2:10-3:00  
 MEETS: JAN 9-MAY 4

MGMT INFO SYSTEMS MIS 330 3 CREDITS  
 Prereq: BUSAD 150, COM S 103  
 Note: SEC A1,B1,ETC. RESTRICTED TO ACCT, AG B, AST,  
 BUS S,BUS U, BUSEC, FIN, I BUS, I TEC, MGMT, MIS,  
 MKT, P BUS, OSM, LSCM, SCM MAJORS ONLY.  
 SEC A2,B2,ETC. FOR COLLEGE OTHER THAN BUSINESS, AG B,  
 I TEC, AST. COURSE IS NOT OPEN TO GRADUATE STUDENTS  
 WITHOUT PERMISSION FROM 1200 GERDIN.  
 4394005 A1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 4394010 A2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 4394015 B1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 4394020 B2 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 4394025 C1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 4394030 C2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4



MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

INTMD BSNESS PRGRMG MIS 331 3 CREDITS  
 Prereq: MIS/COM S 207 OR COM S 227  
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.  
 SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN,  
 LSCM, MGMT, MKT, OSCM, SCM MAJORS. GRADUATE  
 STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 9608005 A1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 9608010 A2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

ADV BSNESS PROGRAMNG MIS 431 3 CREDITS  
 Prereq: 331  
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY.  
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 1775005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

INFO SYST ANALYSIS MIS 432 3 CREDITS  
 Prereq: 330  
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.  
 SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN,  
 MGMT, MKT, OSCM, SCM MAJORS ONLY. COURSE IS  
 NOT OPENTO GRADUATE STUDENTS WITHOUT PERMISSION  
 FROM 1200 GERDIN.  
 Available for nonmajor graduate credit  
 5290005 A1 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 5290010 A2 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4

DATABASE MGT SYSTMS MIS 433 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 331  
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR  
 PERMISSION.  
 Available for nonmajor graduate credit  
 5289005 A1 MW 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.  
 5289010 A2 MW 2:10-3:25  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN,  
 LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY. CREDIT FOR  
 EITHER MIS 433 OR MIS 423, BUT NOT BOTH, MAY BE  
 APPLIED TOWARD GRADUATION.

INFO SYS INFRASTRUC MIS 435 3 CREDITS  
 Prereq: 330  
 Note: SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY.  
 SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN,  
 LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY.  
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION  
 Available for nonmajor graduate credit  
 6396005 A1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6396010 A2 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6396015 B1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 6396020 B2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

PROJECT MANAGEMENT MIS 437 3 CREDITS  
 Note: COURSE RESTRICTED TO LSCM, MIS, OSCM,  
 SCM UNDERGRADS ONLY. GRAD STUDENTS SEE 1200  
 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 4561005 A T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

INFO SYSTM DEVELPMT MIS 438 3 CREDITS  
 Prereq: 432, 433, CREDIT OR ENROLLMENT IN 435  
 Note: SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY  
 SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN,  
 LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY.  
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT  
 PERMISSION FROM 1200 GERDIN.  
 Available for nonmajor graduate credit  
 5291005 A1 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 5291010 A2 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 5291015 B1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 5291020 B2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

ENTERPRISE SYS&ARCH MIS 445 3 CREDITS  
 Prereq: 435  
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY  
 7696005 A MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY MIS 490 1- 3 CREDITS  
 Prereq: 330, SENIOR CLASSIFICATION, PERMISSION  
 OF INSTRUCTOR  
 Note: Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

MANAGMNT INFO SYSTM MIS 501 2 CREDITS  
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL  
 PERMISSION  
 Note: Department permission required 1st week.  
 9126600 XA R 5:45-9:15PM MENNECKE B  
 MEETS: JAN 12-APRIL 5  
 Note: CONTACT DEBBIE JOHNSON FOR PERMISSION TO REGISTER  
 AT 515-294-8118/DLJOHNS@IASTATE.EDU.  
 Department permission required.  
 Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$105.00  
 Taught at, in or by DES MOINES

DATA MGT DECISN MAK MIS 533 3 CREDITS  
 Prereq: 503  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 2271005 A M 6:00-9:20PM  
 MEETS: JAN 9-APRIL 2

PROJECT MANAGEMENT MIS 537 3 CREDITS  
 Prereq: 503  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 2187005 A W 6:00-9:20PM  
 MEETS: JAN 11-APRIL 4

SPECIAL TOPICS MIS 590 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

RES SEMINAR IN MIS MIS 598 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 8081005 A R 6:00-9:20PM  
 MEETS: JAN 12-APRIL 5

CREATIVE COMPONENT MIS 599 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
 SUPERVISORY COMMITTEE CHAIR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

BEHVRL ISS IS RSRCH MIS 601 3 CREDITS  
 Prereq: 503 OR EQUIVALENT, ENROLLMNT IN PH D PROG  
 7511005 A T 2:10-5:00  
 MEETS: JAN 9-MAY 4

RESEARCH MIS 699 3- 6 CREDITS  
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF  
 MAJOR PROFESSOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRIN OF MARKETING MKT 340 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN ECON 101  
 Note: CONCURRENT ENROLLMENT OR PRIOR CREDIT IN  
 MGMT 370 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.  
 NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301  
 AND SCM 301.  
 5352005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO ACCT, AG B, AST, AN S,  
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,  
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.  
 5352010 B TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC B RESTRICTED TO ACCT, AG B, AST, AN S,  
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,  
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.  
 5352015 C TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC C RESTRICTED TO ACCT, AG B, AST, AN S,  
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,  
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.  
 5352020 D M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC D RESTRICTED TO ACCT, AG B, AST, AN S,  
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,  
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.  
 5352025 E W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC E RESTRICTED TO ACCT, AG B, AST, AN S,  
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,  
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.  
 5352030 F MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC F RESTRICTED TO ACCT, AG B, AST, AN S,  
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,  
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.  
 5352035 G TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC G FOR COLLEGES OTHER THAN BUSINESS,  
 AG B, AN S, AST, DY S, HORT, I TEC, FS A, P S A.  
 GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION  
 5352040 J MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC J RESTRICTED TO ACCT, AG B, AST, AN S,  
 BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN,  
 I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.

MARKETING (CONTINUED)

PERSONAL SALES MKT 343 3 CREDITS  
 Prereq: 340  
 Note: SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY. SECTIONS A2,B2 FOR COLLEGES OTHER THAN BUSINESS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

5354005 A1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

5354010 A2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

5354015 B1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

5354020 B2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

PROMOTIONAL STRATEG MKT 410 3 CREDITS  
 Prereq: CR OR ENROLLMENT IN 447  
 Note: SEC A1,B1 RESTRICTED TO MKT MAJORS ONLY. SEC A2,B2 FOR MAJORS OTHER THAN MKT AND P BUS. COURSE IS NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN. Available for nonmajor graduate credit

5355005 A1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

5355010 A2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

5355015 B1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

5355020 B2 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

SALES MANAGEMENT MKT 442 3 CREDITS  
 Prereq: 340  
 Note: Available for nonmajor graduate credit

5357005 A1 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

Note: SEC A1 RESTRICTED TO MKT MAJORS ONLY. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION

5357010 A2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

Note: SEC A2 FOR MAJORS OTHER THAN MKT, P BUS. GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION

STRATEGC MRKTING MGT MKT 443 3 CREDITS  
 Prereq: 444, 447  
 Note: SEC A1, B1 RESTRICTED TO MKT MAJORS ONLY. SEC A2,B2 FROM MAJORS OTHER THAN MKT. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.

5358005 A M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

5358010 B W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

FUND MARKTG RSEARCH MKT 444 3 CREDITS  
 Prereq: 340, STAT 226  
 Note: COURSE RESTRICTED TO MKT MAJORS ONLY. GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION Available for nonmajor graduate credit

5359005 A TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

5359010 B T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

Note: SEC B RESTRICTED TO MKT UNDERGRADS ONLY.

CUSTOMER RELATN MGT MKT 445 3 CREDITS  
 Prereq: 340

9068005 A1 TR 11:00-12:15  
 MEETS: JAN 9-MAY 4

9068010 A2 TR 11:00-12:15  
 MEETS: JAN 9-MAY 4

9068015 B1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

9068020 B2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

FUND CONSUMER BEHAV MKT 447 3 CREDITS  
 Prereq: 340  
 Note: SEC A1,B1,ETC. RESTRICTED TO AST, FS A, MKT, I TEC. SEC A2,B2,ETC. FOR MAJORS OTHER THAN AST, FS A, I TEC, MKT, P BUS. COURSE IS NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN. Available for nonmajor graduate credit

5362005 A1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

5362010 A2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

5362015 B1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

5362020 B2 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

5362025 C1 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

5362030 C2 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

MARKETING (CONTINUED)

FUND INT'L MARKETNG MKT 448 3 CREDITS  
 Prereq: 340  
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION. Available for nonmajor graduate credit

9609005 A MW 3:40-5:00  
 MEETS: JAN 9-MAY 4

Note: SEC A RESTRICTED MKT, I BUS MAJORS ONLY.

MARKETING CHANNELS MKT 451 3 CREDITS  
 Prereq: 340  
 Note: COURSE RESTRICTED THE MKT MAJORS FRESHMAN THROUGH SENIOR. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.

5823005 A TR 2:10-3:25  
 MEETS: JAN 9-MAY 4

5823010 B TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY MKT 490 1- 3 CREDITS  
 Prereq: 340, SR CLASSIFICATN; INSTRUCTOR PERMISSN  
 Note: Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MARKETING MKT 501 3 CREDITS  
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION

9392005 A W 8:30-11:50  
 MEETS: JAN 11-APRIL 4

9392600 XA W 5:50-9:10PM AGARWAL S  
 MEETS: JAN 11-APRIL 4

Note: CONTACT DEBBIE JOHNSON FOR PERMISSION TO REGISTER AT 515-294-8118/DLJOHNS@IASTATE.EDU. Department permission required. Section XA is off campus Course delivery is On-site instruction Delivery fee \$105.00 Taught at, in or by DES MOINES

NEW PRODUCT DEV&MKT MKT 542 3 CREDITS  
 Prereq: 504  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

8896005 A W 6:00-9:20PM  
 MEETS: JAN 11-APRIL 4

CONSUMER BEHAVIOR MKT 547 3 CREDITS  
 Prereq: 504  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

7170600 XA T 5:50-9:10PM RAJU S  
 MEETS: JAN 10-APRIL 3

Note: NON-BUSINESS GRADUATE STUDENTS NEED TO CONTACT BUSINESS GRADUATE OFFICE FOR APPROVAL AT 515-294-8118 OR BUSGRAD@IASTATE.EDU. Section XA is off campus Course delivery is On-site instruction Delivery fee \$105.00 Taught at, in or by DES MOINES

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

CUSTMR MGT STRT&IMP MKT 603 3 CREDITS  
 Prereq: 601  
 Note: COURSE RESTRICTED TO BUSTC PHD MAJORS.

7635005 A M 9:00-11:50  
 MEETS: JAN 9-MAY 4

**MATERIALS ENGINEERING**

STRUCTRL CHARAC MAT MAT E 214 3 CREDITS  
 Prereq: 215, CR OR ENROLLMENT IN PHYS 221

6333005 A TR 8:00-8:50  
 T 9:00-11:50  
 MEETS: JAN 9-MAY 4

6333010 B TR 8:00-8:50  
 R 9:00-11:50  
 MEETS: JAN 9-MAY 4

6333015 C TR 8:00-8:50  
 T 1:10-4:00  
 MEETS: JAN 9-MAY 4

6333020 D TR 8:00-8:50  
 R 1:10-4:00  
 MEETS: JAN 9-MAY 4

INTRO MATRLS SCI II MAT E 216 4 CREDITS  
 Prereq: 215, CREDIT OR ENROLLMENT IN PHYS 222; MAJOR IN MATERIALS ENGINEERING  
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY

7497005 A MWF 10:00-10:50  
 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

7497010 B MWF 10:00-10:50  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

7497015 C MWF 10:00-10:50  
 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

7497020 D MWF 10:00-10:50  
 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

MATERIALS ENGINEERING (CONTINUED)

MATERIALS ENGINEERING (CONTINUED)

GLOBLIZTN &SUSTAINB MAT E 220 3 CREDITS  
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220  
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT  
 TOWARD ANY ENGINEERING COLLEGE DEGREE  
 Meets international perspectives reqmt  
 9059005 1 MW 2:10-3:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 9059010 2 MW 2:10-3:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 9059015 3 MW 2:10-3:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 PRIN MATRLS SCI&ENG MAT E 273 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION; CHEM 167 OR  
 177; MATH 165  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES  
 MAY BE APPLIED TOWARD GRADUATION: 215, 272, 273, 392.  
 3814005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 COOPERATIVE EDUC MAT E 298 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
 CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
 KINETC&PHASE EQ MAT MAT E 314 3 CREDITS  
 Prereq: 216, 311  
 Note: Available for nonmajor graduate credit  
 6575005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 COMPUT MTHDS MATRLS MAT E 316 3 CREDITS  
 Prereq: 215  
 Note: Available for nonmajor graduate credit  
 6576005 MF 1:10-2:00  
 W 1:10-2:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 CERAM PROCES:FIRING MAT E 322 3 CREDITS  
 Prereq: 321  
 Note: Available for nonmajor graduate credit  
 6592005 A MF 9:00-9:50  
 T 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 6592010 B MF 9:00-9:50  
 R 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 SEMICND MTRLS&DEVIC MAT E 332 3 CREDITS  
 Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E  
 MAJORS: MAT E 334; ADDITIONAL PREREQ FOR E E AND  
 CPR E MAJORS: E E 230  
 Note: Available for nonmajor graduate credit  
 6597005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 INTR ELEC PROP MTRL MAT E 334 3 CREDITS  
 Prereq: 317  
 Note: Available for nonmajor graduate credit  
 6596005 MW 3:10-4:00  
 F 3:10-4:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 STRUC RELAT NONFERR MAT E 342 3 CREDITS  
 Prereq: 216  
 Note: Available for nonmajor graduate credit  
 6612005 A MF 2:10-3:00  
 W 2:10-3:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 PRIN NONDESTRC TEST MAT E 362 3 CREDITS  
 Prereq: PHYS 112 OR 222  
 Note: Available for nonmajor graduate credit  
 5045005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 5045600 XE ARRANGED BOWLER N  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)  
 NONDESTRUC TEST LAB MAT E 362L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 362  
 Note: Available for nonmajor graduate credit  
 5046005 A M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 5046010 B T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

WIND ENERGY MATERLS MAT E 363X 3 CREDITS  
 Prereq: ENGR 340  
 6464005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 TOYING WITH TECHNOL MAT E 370 3 CREDITS  
 Prereq: C I 201  
 5939005 A TR 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 FOREIGN STUDY PREP MAT E 391 3 CREDITS  
 Note: CREDIT TOWARD GRADUATION FOR MAT E 391 ALLOWABLE  
 ONLY UPON COMPLETION OF MAT E 392  
 Meets U.S. diversity reqmt  
 Satisfactory-Fail Only.  
 5681005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 ENGR INTERNSHIP MAT E 397 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
 CAREER SERVICES; JR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
 COOPERATIVE EDUC MAT E 398 R CREDIT  
 Prereq: 298, PERMISSN OF DEPRMTNT AND ENGINEERING  
 CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
 PRO PRACTICE II MAT E 414 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 6650005 MW 10:00-10:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 MECHANCL BEHAVR MAT MAT E 418 3 CREDITS  
 Prereq: 216, CREDIT OR ENROLLMENT IN E M 324  
 Note: Available for nonmajor graduate credit  
 6585005 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 CORROSN&FAILUR ANLY MAT E 444 3 CREDITS  
 Prereq: 216, CREDIT OR ENROLLMENT IN 418  
 Note: Available for nonmajor graduate credit  
 6680005 A MF 1:10-2:00  
 T 3:10-4:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 6680010 B MF 1:10-2:00  
 T 4:10-5:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 POLYMR CMPOSIT&PROC MAT E 454 3 CREDITS  
 Prereq: 351  
 Note: Available for nonmajor graduate credit  
 6683005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 BIOMATERIALS MAT E 456 3 CREDITS  
 Prereq: 216 OR 272 OR 392  
 8768005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 RARE EARTH METALS MAT E 457X 3 CREDITS  
 Prereq: MAT E 311 OR CHEM 325; CHEM 324  
 OR PHYS 322  
 Note: Available for nonmajor graduate credit  
 1932005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 1932600 XE ARRANGED PECHARSKY V  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)  
 MULTIDISC ENGR DSGN MAT E 466 3 CREDITS  
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS  
 OF GRADUATION, PERMISSION OF INSTRUCTOR  
 1740005 A T 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 INDEPENDENT STUDY MAT E 490 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
 COOPERATIVE EDUC MAT E 498 R CREDIT  
 Prereq: 398, PERMISSN OF DEPRMTNT AND ENGINEERING  
 CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**MATERIALS SCIENCE & ENGINEERING**

**MATHEMATICS**

(CONTINUED)

SOLID STATE SCIENCE M S E 530 3 CREDITS  
 Prereq: MAT E 334 OR E E 332 OR PHYS 322  
 5616005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

ELTRN PROPRT MATRLS M S E 539 3 CREDITS  
 Prereq: 332 OR MAT E 331 OR PHYS 322  
 6246008 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

FUND NONDESTRU EVAL M S E 550 4 CREDITS  
 Prereq: E M 324, MATH 385  
 8550005 MWF 10:00-10:50  
 T 9:00-10:50  
 MEETS: JAN 9-MAY 4

SCAN&AUGER MICRSCPY M S E 552 3 CREDITS  
 Prereq: PHYS 222  
 5092600 XE ARRANGED CHUMBLEY S  
 MEETS: JAN 9-MAY 4  
 Note: Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

POLYMR CMPOSIT&PROC M S E 554 3 CREDITS  
 Prereq: MAT E 351  
 3507005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

BIOMATERIALS M S E 556 3 CREDITS  
 Prereq: MAT E 216 OR 272 OR 392  
 5091005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

RARE EARTH METALS M S E 557X 3 CREDITS  
 Prereq: MAT E 311 OR CHEM 325; CHEM 324 OR PHYS 322  
 1878005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 1878600 XE ARRANGED PECHARSKY V  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/support/help-central.html>

SPECIAL TOPICS M S E 590 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ACAD TEACH PRACTCES M S E 610 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 5685005 ARRANGED  
 MEETS: JAN 9-MAY 4

FUND PHAS TRANSFRMT M S E 620 3 CREDITS  
 Prereq: 520  
 5686005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ADV TOPICS MATRL SC M S E 690 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M S E 697 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN Satisfactory-Fail Only.  
 4307005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

**MATHEMATICS**

HIGH SCHOOL ALGEBRA MATH 10 0 CREDITS  
 Note: DEVELOPMENTAL MATH FEE APPLIES. SEE [HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/FEEINFO.HTML](http://www.iastate.edu/~REGISTRAR/FEES/FEEINFO.HTML) FOR MORE INFORMATION ON THIS FEE.  
 Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 5115005 A MTRF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 5115010 B MTRF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 5115015 C MTRF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 5115025 D MTRF 1:10-2:00  
 MEETS: JAN 9-MAY 4

INTRO PROB&MATRIC MATH 104 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
 Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 104 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.  
 5128005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

INTRO TO MATH IDEAS MATH 105 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YEAR OF HS GEOMETRY  
 Note: CREDITS EARNED IN MATH 105 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS  
 5129005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

COLLEGE ALGEBRA MATH 140 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
 Note: CREDITS EARNED IN MATH 140 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY NOT APPLY MATH 140 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.  
 5132005 A MF 10:00-10:50  
 T 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5132010 B MF 10:00-10:50  
 T 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5132015 C MF 10:00-10:50  
 W 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5132020 D MF 10:00-10:50  
 W 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5132025 E MF 10:00-10:50  
 R 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5132030 F MF 10:00-10:50  
 R 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5132600 XW ARRANGED ELLIS J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

TRIGONOMETRY MATH 141 2 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLED IN 140  
 Note: CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 141 MAY NOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. LAS COLLEGE STUDENTS MAY NOT COUNT MATH 141 TOWARD GROUP III OF THE GEN ED REQUIREMENTS. THE TWO SCHEDULED HOURS ARE FOR EXAMS AND HELP SESSIONS ONLY.  
 5133005 A ARRANGED, R 1:10-2:00  
 T 1:10-2:00  
 MEETS: JAN 9-MARCH 30  
 Note: Course delivery is WWW  
 5133600 XW ARRANGED ELLIS J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$100.00

TRIG&ANALY GEOMETRY MATH 142 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLMENT IN 140  
 Note: CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS IN MATH 142 MAY NOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. LAS COLLEGE STUDENTS MAY NOT COUNT MATH 142 TOWARD GROUP III OF THE GEN ED REQUIREMENTS. THE TWO SCHEDULED HOURS ARE FOR EXAMS AND HELP SESSIONS ONLY.  
 5134005 A ARRANGED  
 W 11:00-11:50  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 5134010 B ARRANGED  
 W 11:00-11:50  
 R 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 5134015 C ARRANGED, W 2:10-3:00  
 T 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 5134020 D ARRANGED, R 2:10-3:00  
 W 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 5134025 E ARRANGED, R 3:10-4:00  
 T 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 5134600 XW ARRANGED ELLIS J  
 MEETS: JAN 9-MAY 4

MATHEMATICS

(CONTINUED)

TRIG&ANALY GEOMETRY MATH 142 3 CREDITS  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

DISC MATH BUS&SOC S MATH 150 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
 EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
 Note: COURSE IS A WORLD WIDE WEB LECTURE. THE  
 SCHEDULED HOUR IS FOR LAB SESSIONS ONLY.  
 CREDIT FOR EITHER MATH 104 OR MATH 150, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.  
 CREDITS EARNED IN MATH 150 CANNOT BE APPLIED  
 TOWARD GRADUATION BY MATH MAJORS.

5135005 A ARRANGED, W 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135010 B ARRANGED, F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135015 C ARRANGED  
 W 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135020 D ARRANGED  
 F 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135025 E ARRANGED  
 W 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135030 F ARRANGED  
 F 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135035 G ARRANGED, W 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135040 H ARRANGED, F 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135045 J ARRANGED, W 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135105 K ARRANGED, F 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135110 L ARRANGED, W 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135115 M ARRANGED, F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135120 N ARRANGED, W 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135125 P ARRANGED, F 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135130 Q ARRANGED, W 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

5135135 R ARRANGED, F 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

MATHEMATICS

(CONTINUED)

BUS & SOC SCI CALC MATH 151 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
 EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY  
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF  
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,  
 160, 165-166, 181-182. CREDITS EARNED IN MATH 151  
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5136005 A MF 8:00-8:50  
 T 8:00-8:50  
 MEETS: JAN 9-MAY 4

5136010 B MF 8:00-8:50  
 T 8:00-8:50  
 MEETS: JAN 9-MAY 4

5136015 C MF 8:00-8:50  
 W 8:00-8:50  
 MEETS: JAN 9-MAY 4

5136020 D MF 8:00-8:50  
 W 8:00-8:50  
 MEETS: JAN 9-MAY 4

5136025 E MF 8:00-8:50  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

5136030 F MF 8:00-8:50  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

5136040 G MF 12:10-1:00  
 T 12:10-1:00  
 MEETS: JAN 9-MAY 4

5136045 J MF 12:10-1:00  
 T 12:10-1:00  
 MEETS: JAN 9-MAY 4

5136050 K MF 12:10-1:00  
 W 12:10-1:00  
 MEETS: JAN 9-MAY 4

5136055 L MF 12:10-1:00  
 W 12:10-1:00  
 MEETS: JAN 9-MAY 4

5136060 M MF 12:10-1:00  
 R 12:10-1:00  
 MEETS: JAN 9-MAY 4

5136065 N MF 12:10-1:00  
 R 12:10-1:00  
 MEETS: JAN 9-MAY 4

SURVEY OF CALCULUS MATH 160 4 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
 EXAM, 2 YRS OF HIGH SCHOOL ALGEBRA, 1 YR OF GEOMETRY  
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF  
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,  
 160, 165-166, 181-182. IF MATH 165, MATH 160 AND  
 MATH 151 ARE TAKEN, ONLY 5 CREDITS CAN BE APPLIED  
 TOWARD GRADUATION. CREDITS EARNED IN MATH 160  
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5137005 A MTRF 10:00-10:50  
 MEETS: JAN 9-MAY 4

5137010 B MTRF 12:10-1:00  
 MEETS: JAN 9-MAY 4

CALCULUS I MATH 165 4 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
 EXAM, 3 YRS OF H.S. ALGEBRA, 1 YEAR OF GEOMETRY,  
 1 SEMESTER OF TRIGONOMETRY OR ENROLLMENT IN 141  
 OR 142  
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF  
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,  
 160, 165-166, 181-182  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.

5138005 A MTRF 9:00-9:50  
 MEETS: JAN 9-MAY 4

5138010 B MWF 10:00-10:50  
 T 9:00-9:50  
 MEETS: JAN 9-MAY 4

5138015 C MWF 10:00-10:50  
 T 10:00-10:50  
 MEETS: JAN 9-MAY 4

5138020 D MWF 10:00-10:50  
 T 10:00-10:50  
 MEETS: JAN 9-MAY 4

5138025 E MWF 10:00-10:50  
 R 9:00-9:50  
 MEETS: JAN 9-MAY 4

5138030 F MWF 10:00-10:50  
 R 10:00-10:50  
 MEETS: JAN 9-MAY 4

5138035 G MWF 10:00-10:50  
 R 10:00-10:50  
 MEETS: JAN 9-MAY 4

5138040 J MTRF 11:00-11:50  
 MEETS: JAN 9-MAY 4

5138045 K MTRF 1:10-2:00  
 MEETS: JAN 9-MAY 4

5138050 L MTRF 1:10-2:00  
 MEETS: JAN 9-MAY 4

5138055 M MTRF 2:10-3:00  
 MEETS: JAN 9-MAY 4

5138060 N MTRF 3:10-4:00  
 MEETS: JAN 9-MAY 4

5138065 P MTWR 4:10-5:00  
 MEETS: JAN 9-MAY 4

5138070 Q MTRF 8:00-8:50  
 MEETS: JAN 9-MAY 4

MATHEMATICS

(CONTINUED)

CALCULUS II MATH 166 4 CREDITS  
 Prereq: GRADE OF C- OR BETTER IN 165 OR HIGH MATH PLACEMENT SCORES  
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182.  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.

5139005 A MWF 9:00-9:50  
 T 8:00-8:50  
 MEETS: JAN 9-MAY 4

5139010 B MWF 9:00-9:50  
 T 8:00-8:50  
 MEETS: JAN 9-MAY 4

5139015 C MWF 9:00-9:50  
 T 8:00-8:50  
 MEETS: JAN 9-MAY 4

5139032 D MWF 9:00-9:50  
 T 9:00-9:50  
 MEETS: JAN 9-MAY 4

5139025 E MWF 9:00-9:50  
 T 9:00-9:50  
 MEETS: JAN 9-MAY 4

5139030 F MWF 9:00-9:50  
 T 9:00-9:50  
 MEETS: JAN 9-MAY 4

5139035 G MWF 9:00-9:50  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

5139040 H MWF 9:00-9:50  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

5139045 J MWF 9:00-9:50  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4

5139050 K MWF 9:00-9:50  
 R 9:00-9:50  
 MEETS: JAN 9-MAY 4

5139055 L MWF 9:00-9:50  
 R 9:00-9:50  
 MEETS: JAN 9-MAY 4

5139060 M MWF 9:00-9:50  
 R 9:00-9:50  
 MEETS: JAN 9-MAY 4

5139065 N MTRF 10:00-10:50  
 MEETS: JAN 9-MAY 4

5139070 P MTRF 10:00-10:50  
 MEETS: JAN 9-MAY 4

5139075 Q MWF 11:00-11:50  
 T 12:10-1:00  
 MEETS: JAN 9-MAY 4

5139080 R MWF 11:00-11:50  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4

5139085 S MWF 11:00-11:50  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4

5139090 T MWF 11:00-11:50  
 R 12:10-1:00  
 MEETS: JAN 9-MAY 4

5139095 U MWF 11:00-11:50  
 R 11:00-11:50  
 MEETS: JAN 9-MAY 4

5139100 V MWF 11:00-11:50  
 R 11:00-11:50  
 MEETS: JAN 9-MAY 4

5139105 W MTRF 12:10-1:00  
 MEETS: JAN 9-MAY 4

5139110 Y MTRF 1:10-2:00  
 MEETS: JAN 9-MAY 4

5139115 Z MTRF 1:10-2:00  
 MEETS: JAN 9-MAY 4

5139120 A1 MTRF 2:10-3:00  
 MEETS: JAN 9-MAY 4

5139125 B1 MWF 7:30-8:50  
 MEETS: JAN 9-MAY 4

5139130 C1 MTRF 9:00-9:50  
 MEETS: JAN 9-MAY 4

5139600 XW ARRANGED HENTZEL I  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 7:30-8:40 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$200.00

LIFE SCI CALC&MDL I MATH 181 4 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF H.S. ALGEBRA, 1 YR H.S. GEOMETRY, 1 SEMESTER OF TRIG OR ENROLLMENT IN 141 OR 142  
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182. CREDITS EARNED IN MATH 181 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

4531005 MTRF 1:10-2:00  
 MEETS: JAN 9-MAY 4

MATHEMATICS

(CONTINUED)

LFE SCI CALC&MDL II MATH 182 4 CREDITS  
 Prereq: 181  
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182. CREDITS EARNED IN MATH 182 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

1338005 MTRF 9:00-9:50  
 MEETS: JAN 9-MAY 4

MATH FOR ELEM ED I MATH 195 3 CREDITS  
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY, ENROLLMENT IN ELEM ED OR EARLY CHILDHOOD EDUCATION  
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS. CREDITS EARNED IN MATH 195 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE LAS COLLEGE MAY NOT APPLY MATH 195 TOWARD GROUP III OF THE GENERAL ED REQUIREMENTS.  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.

5144005 A MWF 9:30-10:50  
 MEETS: JAN 9-MAY 4

5144010 B MWF 11:00-12:20  
 MEETS: JAN 9-MAY 4

5144015 C MWF 2:10-3:30  
 MEETS: JAN 9-MAY 4

MATH FOR ELEM ED II MATH 196 3 CREDITS  
 Prereq: GRADE OF C- OR BETTER IN 195 AND ENROLLMENT IN ELEMENTARY EDUCATION OR EARLY CHILDHOOD EDUCATION  
 Note: CREDITS EARNED IN MATH 196 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.

8125005 A MWF 9:30-10:50  
 MEETS: JAN 9-MAY 4

8125010 B MWF 11:00-12:20  
 MEETS: JAN 9-MAY 4

8125015 3 MWF 8:00-9:20  
 MEETS: JAN 9-MAY 4

INTRO TO PROOFS MATH 201 3 CREDITS  
 Prereq: 166 OR 166H

6998005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

6998010 B MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

6998015 C MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

CALCULUS III MATH 265 4 CREDITS  
 Prereq: GRADE OF C- OR BETTER IN 166 OR 166H

5151005 A MTRF 9:00-9:50  
 MEETS: JAN 9-MAY 4

5151010 B MTRF 9:00-9:50  
 MEETS: JAN 9-MAY 4

5151015 C MWF 10:00-10:50  
 T 9:00-9:50  
 MEETS: JAN 9-MAY 4

5151025 D MWF 10:00-10:50  
 T 10:00-10:50  
 MEETS: JAN 9-MAY 4

5151030 E MWF 10:00-10:50  
 T 10:00-10:50  
 MEETS: JAN 9-MAY 4

5151040 F MWF 10:00-10:50  
 R 9:00-9:50  
 MEETS: JAN 9-MAY 4

5151050 G MWF 10:00-10:50  
 R 10:00-10:50  
 MEETS: JAN 9-MAY 4

5151055 J MWF 10:00-10:50  
 R 10:00-10:50  
 MEETS: JAN 9-MAY 4

5151060 K MTRF 11:00-11:50  
 MEETS: JAN 9-MAY 4

5151065 L MTRF 11:00-11:50  
 MEETS: JAN 9-MAY 4

5151070 M MTRF 2:10-3:00  
 MEETS: JAN 9-MAY 4

5151075 N MTRF 2:10-3:00  
 MEETS: JAN 9-MAY 4

5151080 P MTRF 8:00-8:50  
 MEETS: JAN 9-MAY 4

HONORS CALCULUS III MATH 265H 4 CREDITS  
 Prereq: PERMISSION OF THE INSTRUCTOR AND 166 OR 166H  
 Note: HIGH MATH PLACEMENT SCORES RECOMMENDED BUT NOT REQUIRED. PREFERENCE WILL BE GIVEN TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM.

2073005 MTRF 8:00-8:50  
 MEETS: JAN 9-MAY 4

MATHEMATICS

(CONTINUED)

ELEM DIFF EQUATNS MATH 266 3 CREDITS  
 Prereq: GRADE OF C- OR BETTER IN 166 OR 166H  
 Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268  
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD  
 GRADUATION  
 5152005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5152010 B MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 5152015 C TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 5152020 D TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

DIFF EQ & TRANSFMS MATH 267 4 CREDITS  
 Prereq: GRADE OF C- OR BETTER IN 166 OR 166H  
 Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268  
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD  
 GRADUATION  
 5153005 A MTRF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 5153010 B MTRF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 5153015 C MTRF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5153020 D MTRF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5153025 E MTRF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 5153030 F MTRF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 5153035 G MTRF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 5153040 J MTRF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 5153055 K MTRF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 5153060 L MTRF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 5153065 M MTRF 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 5153070 N MTRF 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 5153075 P MTRF 4:10-5:00  
 MEETS: JAN 9-MAY 4

LAPLACE TRANSFORMS MATH 268 1 CREDIT  
 Prereq: 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: JAN 9-MAY 4

INDEPENDENT STUDY MATH 290 1- 3 CREDITS  
 Note: Department permission required.  
 5156005 ARRANGED  
 MEETS: JAN 9-MAY 4

INDEP STUDY HONORS MATH 290H 1- 3 CREDITS  
 Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS  
 STUDENTS ONLY.  
 Department permission required.  
 5157005 ARRANGED  
 MEETS: JAN 9-MAY 4

ABSTRACT ALGEBRA I MATH 301 3 CREDITS  
 Prereq: 166 OR 166H; 307 OR 317, AND 201  
 Note: Available for nonmajor graduate credit  
 5158005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5158010 B MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

ABSTRCT ALGEBRA II MATH 302 3 CREDITS  
 Prereq: 301  
 Note: Available for nonmajor graduate credit  
 5159005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

MATRCES&LINEAR ALGB MATH 307 3 CREDITS  
 Prereq: 2 SEMESTERS OF CALCULUS  
 Note: CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT  
 BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Available for nonmajor graduate credit  
 5161005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5161010 B MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 5161015 C TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 5161020 D TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

MATHEMATICS

(CONTINUED)

GRAPHS AND NETWORKS MATH 314 3 CREDITS  
 Prereq: 166 OR 166H; 201 OR EXPERIENCE WITH  
 PROOFS  
 Note: Available for nonmajor graduate credit  
 5163005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

THRY LINEAR ALGEBRA MATH 317 4 CREDITS  
 Prereq: 166; CREDIT OR ENROLLMENT IN 201  
 Note: CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT  
 BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Available for nonmajor graduate credit  
 7872005 A MTRF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 7872010 B MTRF 9:00-9:50  
 MEETS: JAN 9-MAY 4

INTR THY PROB&S I MATH 341 3 CREDITS  
 Prereq: MATH 265 (OR 265H)  
 Note: CREDIT FOR EITHER MATH/STAT 341 OR STAT 447,  
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 5166005 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

INTR THY PR&STAT II MATH 342 3 CREDITS  
 Prereq: STAT 341; MATH 307 OR 317  
 5167005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

NUMBER THEORY MATH 350 3 CREDITS  
 Prereq: 166  
 Note: Available for nonmajor graduate credit  
 5177005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

COMPLEX VARIABLES MATH 365 3 CREDITS  
 Prereq: 265  
 Note: Available for nonmajor graduate credit  
 5168005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

INTR PART DIFF EQUA MATH 385 3 CREDITS  
 Prereq: 265 AND ONE OF 266, 267  
 Note: Available for nonmajor graduate credit  
 5170005 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

TEACH SECNDARY MATH MATH 397 3 CREDITS  
 Prereq: 201, 301  
 7521005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

ANALYSIS I MATH 414 3 CREDITS  
 Prereq: 201, 265; AND 307 OR 317  
 Note: Available for nonmajor graduate credit  
 5171005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

ANALYSIS II MATH 415 3 CREDITS  
 Prereq: 414  
 Note: Available for nonmajor graduate credit  
 5172005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

GEOMETRY II MATH 436 3 CREDITS  
 Prereq: 435  
 Note: Available for nonmajor graduate credit  
 5176005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

NUMRC MTHDS DIFF EQ MATH 481 3 CREDITS  
 Prereq: 265 AND EITHER 266 OR 267; KNOWLEDGE OF  
 A PROGRAMMING LANGUAGE  
 Note: Available for nonmajor graduate credit  
 5180005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY MATH 490 1- 3 CREDITS  
 Prereq: 301 OR 317; 6 CREDITS IN MATH  
 Note: NO MORE THAN 9 CREDITS OF MATH 490 MAY BE APPLIED  
 TOWARD GRADUATION  
 5182005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

INDEP STUDY HONORS MATH 490H 1- 3 CREDITS  
 Prereq: 301 OR 317; 6 CREDITS IN MATH, MEMBERSHIP  
 IN UNIV HONORS PROGRAM  
 Note: NO MORE THAN 9 CREDITS OF MATH 490 MAY BE  
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO  
 UNIVERSITY HONORS STUDENTS ONLY.  
 Department permission required.  
 5183005 ARRANGED  
 MEETS: JAN 9-MAY 4

MATHEMATICS (CONTINUED)

MATHEMATICS (CONTINUED)

UNDERGRAD THESIS MATH 491 2- 3 CREDITS  
 Note: Department permission required.  
 5184005 ARRANGED LONG L  
 MEETS: JAN 9-MAY 4

UNDERGRAD SEMINAR MATH 492 2 CREDITS  
 Prereq: CONSENT OF INSTRUCTOR  
 6698005 M 3:10-5:00  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUCATN MATH 498 R CREDIT  
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE  
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
 4552005 ARRANGED  
 MEETS: JAN 9-MAY 4

ABSTRACT ALGEBRA II MATH 505 3 CREDITS  
 Prereq: 504  
 5187005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

FNCT SNGL CMLPX VAR MATH 511 3 CREDITS  
 Prereq: 414 OR 501  
 5192005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

REAL ANALYSIS II MATH 516 3 CREDITS  
 Prereq: 515  
 8868005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

FINITE DIFFRNC MTHD MATH 517 3 CREDITS  
 Prereq: 481 OR 561  
 6101005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

MTH APPLIED MATH II MATH 520 3 CREDITS  
 Prereq: 519  
 2297005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

CRYPTOGRAPHY MATH 533 3 CREDITS  
 Prereq: MATH 301 OR CPR E 310 OR COM S 330  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY  
 6191005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 6191600 XE ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 1:10-2 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

STEGANOG&DGT FORNSC MATH 535 3 CREDITS  
 Prereq: 307 OR COM S 330 OR E E 524  
 7681005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 7681600 XE ARRANGED DAVIDSON J  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

NUMERICAL ANALYS II MATH 562 3 CREDITS  
 Prereq: 317  
 7503005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

DISCRETE OPTIMIZATN MATH 566X 3 CREDITS  
 Prereq: 317 OR 510  
 8403005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

RANDOM SIGNAL&KALMN MATH 573 3 CREDITS  
 Prereq: E E 324 OR AER E 331 OR M E 370 OR 411  
 OR MATH 341 OR 395  
 8192005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

OPTIMAL CONTROL MATH 574 3 CREDITS  
 Prereq: E E 577  
 8193005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

DIGIT FEEDBCK CNTRL MATH 576 3 CREDITS  
 Prereq: EE 475 OR AER E 432 OR M E 411 OE 414 OR  
 MATH 415; AND MATH 267  
 8194005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 8194600 XE ARRANGED KUMAR R  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 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  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support>

DIGIT FEEDBCK CNTRL MATH 576 3 CREDITS  
 /support/help-central.html

NONLINEAR SYSTEMS MATH 578 3 CREDITS  
 Prereq: E E 577  
 8195005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 8195600 XE ARRANGED VAIDYA U  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 3:30-4:50 PM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

INDEPENDENT STUDY MATH 590 VAR. CREDITS  
 5229005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.  
 5229052 HN ARRANGED NGUYEN X  
 MEETS: JAN 9-MAY 4  
 5229153 SB ARRANGED BUTLER S  
 MEETS: JAN 9-MAY 4  
 5229172 TB ARRANGED BASAK T  
 MEETS: JAN 9-MAY 4

MATH GRAD ORIENT II MATH 592 .5 CREDIT  
 Satisfactory-Fail Only.  
 6389005 W 4:10-5:00  
 MEETS: JAN 9-MAY 4

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

MATHEMATIC LOGIC II MATH 602 3 CREDITS  
 Prereq: 601  
 5223005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

EXTREMAL GRAPH THRY MATH 608 3 CREDITS  
 Prereq: 607  
 9095005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

SEMINAR MATH 610 VAR. CREDITS  
 Note: OFFERED FOR 3 CREDITS SPRING 2012  
 5231005 TR 9:00-10:50  
 MEETS: JAN 9-MAY 4

REPRESENTATN THEORY MATH 618 3 CREDITS  
 Prereq: 504  
 5220005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

FUNCTIONAL ANALYS II MATH 634 3 CREDITS  
 Prereq: 633  
 5207005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

ADV STOCHAST PROCES MATH 645 3 CREDITS  
 5215005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

MATH MODEL PHYSC SY MATH 646 3 CREDITS  
 1822005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

PARTIAL DIFF EQ II MATH 656 3 CREDITS  
 Prereq: 655  
 5228005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

ADV TOPICS ALGEBRA MATH 680A 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 5232005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOPICS ANALYSIS MATH 680B 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 5233005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOP APPLIED MTH MATH 680C 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 6706005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOP COMBINATORC MATH 680D 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6699005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.



MATHEMATICS

(CONTINUED)

ADV TOPC LINEAR ALG MATH 680F 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 5236005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOPIC LOGIC&FND MATH 680G 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 5239005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOP NUMBER THRY MATH 680H 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 3769005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

ADV TOPIC NUM ANALY MATH 680I 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 5241005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOPCS PROBABLY MATH 680K 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 9603005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOPICS TOPOLOGY MATH 680L 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Department permission required.  
 5245005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

**MECHANICAL ENGINEERING**

PROBLM SOLV WTH CPR M E 160X 3 CREDITS  
 Prereq: SATISFACTORY SCORES ON MATH PLACEMENT  
 EXAMINATIONS; CREDIT OR ENROLLMENT IN MATH 142, 165  
 9082005 1 MW 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 9082010 2 MW 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 9082015 3 MW 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 9082020 4 TR 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 9082025 5 TR 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 9082030 6 TR 2:10-4:00  
 MEETS: JAN 9-MAY 4

ENG GRPHC&INTR DSGN M E 170 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MATH 142;  
 SATISFACTORY SCORES ON MATHEMATICS PLACEMENT  
 ASSESSMENTS  
 8346005 1 MW 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 8346010 2 MW 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 8346015 3 MW 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 8346020 4 MW 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 8346025 5 TR 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 8346030 6 TR 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 8346035 7 TR 2:10-4:00  
 MEETS: JAN 9-MAY 4

LEARNING COMMUNITIE M E 190 1 CREDIT  
 7612005 1 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 7612010 2 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 7612015 3 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 7612020 4 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 7612025 5 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 7612030 6 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 7612035 7 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 7612040 8 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 7612045 9 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4

MECHANICAL ENGINEERING

(CONTINUED)

MECH ENGR PRO PLAN M E 202 R CREDIT  
 Prereq: SOPHOMORE CLASSIFICATION  
 Satisfactory-Fail Only.  
 4870005 A R 2:10-3:00  
 MEETS: JAN 9-MAY 4

GLOBLIZTN &SUSTAINB M E 220 3 CREDITS  
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220  
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT  
 TOWARD ANY ENGINEERING COLLEGE DEGREE  
 Meets international perspectives reqmt  
 9058005 1 MW 2:10-3:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4

ENGR THERMODYNAMICS I M E 231 3 CREDITS  
 Prereq: MATH 265, CHEM 167, PHYS 222  
 Note: COURSE RESTRICTED TO ENGR COLLEGE STUDENTS ONLY.  
 CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT BOTH,  
 MAY BE APPLIED TOWARD GRADUATION.  
 4877005 A MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 4877010 B MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 4877015 C MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 4877600 XE ARRANGED HAGGE M  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 8-8:50 AM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

INTR 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  
 MWF 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 6270010 B T 2:10-3:00  
 MWF 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6270015 C T 2:10-3:00  
 MWF 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 6270020 D T 2:10-3:00  
 MWF 3:10-5:00  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUCATN M E 298 R CREDIT  
 Prereq: PERMISSION OF DEPT CHAIR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MANUFACTURING ENGR M E 324 4 CREDITS  
 Prereq: 270, MAT E 272, E M 324  
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION  
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E  
 AND A E MAJORS ONLY.  
 Available for nonmajor graduate credit  
 6277005 A MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 6277020 1 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6277025 2 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6277030 3 T 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 6277035 4 R 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 6277040 5 T 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 6277045 6 R 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 6277050 7 T 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 6277055 8 R 8:00-9:50  
 MEETS: JAN 9-MAY 4

MACHINE DESIGN M E 325 3 CREDITS  
 Prereq: ENGR 170, E M 324, STAT 305  
 Note: COURSE RESTRICTED TO M E AND A E MAJORS ONLY  
 Available for nonmajor graduate credit  
 6287005 A MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 6287600 XE ARRANGED CHANDRA A  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 1:10-2 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

MECHANICAL ENGINEERING (CONTINUED)

ENGR THERMODYNMS II M E 332 3 CREDITS  
 Prereq: 231  
 Note: COURSE RESTRICTED TO M E MAJORS ONLY  
 Available for nonmajor graduate credit  
 4878005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 4878010 B MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 4878600 XE ARRANGED  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

FLUID FLOW M E 335 4 CREDITS  
 Prereq: E M 345, MATH 266 OR 267, CREDIT OR  
 ENROLLMENT IN M E 332 AND 370  
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION  
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO  
 M E MAJORS ONLY.

Available for nonmajor graduate credit  
 5703005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 5703020 1 M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 5703025 2 M 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 5703030 3 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 5703035 4 T 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 5703040 5 T 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 5703045 6 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 5703050 7 W 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 5703055 8 W 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 5703060 9 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 5703065 10 M 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 5703070 11 R 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 5703075 12 R 10:00-11:50  
 MEETS: JAN 9-MAY 4

ENGINRNG MEASUREMETS M E 370 3 CREDITS

Prereq: E E 442, STAT 305  
 Note: RESTRICTED TO M E MAJORS ONLY.  
 Available for nonmajor graduate credit  
 4881005 A MW 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 4881010 1 R 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 4881015 2 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 4881020 3 R 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 4881025 4 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 4881030 5 T 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 4881035 6 T 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 4881040 7 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 4881045 8 M 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 4881050 9 W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 4881055 10 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 4881060 11 M 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

ENGR INTERNSHIP M E 397 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING  
 CAREER SERVICES  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 398 R CREDIT  
 Prereq: 298, PERMISSN OF DEPTMNT AND ENGINEERING  
 CAREER SERVICES  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL SYST DSN M E 415 3 CREDITS  
 Prereq: 324, 325

Note: Available for nonmajor graduate credit  
 4888005 A TR 9:30-12:20  
 MEETS: JAN 9-MAY 4  
 4888010 B TR 12:40-3:30  
 MEETS: JAN 9-MAY 4  
 4888015 C TR 3:40-6:30PM  
 MEETS: JAN 9-MAY 4

MECHANICAL ENGINEERING (CONTINUED)

ADV MACHINE DESIGN M E 417 3 CREDITS  
 Prereq: 325, MAT E 272  
 Note: Available for nonmajor graduate credit  
 7636005 A MW 3:10-4:30  
 MEETS: JAN 9-MAY 4  
 7636600 XE ARRANGED SHROTRIYA P  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

MECH CONSID ROBOTCS M E 418 3 CREDITS  
 Prereq: CR OR ENROLLMENT IN 421

Note: Available for nonmajor graduate credit  
 8109005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

SYST DYNAM & CONTROL M E 421 4 CREDITS

Prereq: E M 345, MATH 267, E E 442, 448  
 Note: COURSE RESTRICTED TO M E MAJORS ONLY  
 Available for nonmajor graduate credit

6310005 A TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 6310010 1 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6310015 2 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 6310020 3 T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 6310025 4 R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 6310030 5 W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 6310035 6 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 6310040 7 F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6310045 8 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6310050 9 F 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 6310055 10 F 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 6310060 11 T 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 6310065 12 R 12:10-2:00  
 MEETS: JAN 9-MAY 4

OPTMZ MTHD CPLX DSN M E 425 3 CREDITS

Prereq: ENGR 160, MATH 265  
 Note: Available for nonmajor graduate credit  
 3549005 A MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

3549600 XE ARRANGED KALIVARAPU V  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 3:10-4 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

HEAT TRANSFER M E 436 4 CREDITS

Prereq: 335  
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION  
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E,  
 CON E, A E MAJORS.

Available for nonmajor graduate credit  
 5711005 A MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 5711015 1 T 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 5711020 2 T 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 5711025 3 W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 5711030 4 R 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 5711035 5 R 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 5711040 6 W 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 5711045 7 W 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 5711050 8 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 5711055 9 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 5711060 10 F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 5711065 11 F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 5711070 12 M 1:10-3:00  
 MEETS: JAN 9-MAY 4

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

INTRO COMBUSTN ENGR M E 437X 3 CREDITS  
 Prereq: 332 OR EQUIV; CREDIT OR ENROLLMT IN 355  
 OR EQUIVALENT; OR INSTRUCTOR PERMISSION  
 Note: Available for nonmajor graduate credit  
 9503005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

HEAT&AIR COND DSGN M E 442 3 CREDITS  
 Prereq: 441  
 Note: Available for nonmajor graduate credit  
 4893005 1 MWF 2:10-4:00  
 MEETS: JAN 9-MAY 4

ELEMS&PRFRM PWR PLT M E 444 3 CREDITS  
 Prereq: 332, CREDIT OR ENROLLMENT IN 335  
 Note: Available for nonmajor graduate credit  
 4894005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

FLUID DYN TURBOMACH M E 448 3 CREDITS  
 Prereq: M E 335 OR EQUIVALENT  
 Note: COURSE RESTRICTED TO M E MAJORS ONLY.  
 Available for nonmajor graduate credit  
 4898005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

MULTIDISC ENGR DSGN M E 466 3 CREDITS  
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF  
 GRADUATION, PERMISSION OF INSTRUCTOR  
 1903005 A T 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

MODELING & SIMULATN M E 475 3 CREDITS  
 Prereq: 421, CREDIT OR ENROLLMENT IN 436  
 Note: Available for nonmajor graduate credit  
 4903005 A MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

IND STU MEAS&INSTRM M E 490C 1- 6 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU HEAT TRANSF M E 490D 1- 6 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID POWER M E 490E 1- 6 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN&SYS M E 490F 1- 6 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU MATRLS &MFG M E 490G 1- 6 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS M E 490H 1- 6 CREDITS  
 Prereq: SR CLASSIFCATN, MEMBERSHIP IN HONORS PROG  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS  
 ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN M E 490J 1- 6 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID MECH M E 490K 1- 6 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU TURBOMACHIN M E 490L 1- 6 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STU NUCL ENGR M E 490M 1- 6 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY CAD/CAM M E 490N 1- 6 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 498 R CREDIT  
 Prereq: 298, PERMISSN OF DEPRTMNT AND ENGINEERING  
 CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV CONTROL DESIGN M E 511 3 CREDITS  
 Prereq: 411  
 8144005 A TR 3:10-4:30  
 MEETS: JAN 9-MAY 4  
 8144600 XE ARRANGED KELKAR A  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 3:10-4:35 PM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

ADV MACHINE DESIGN M E 517 3 CREDITS  
 Prereq: 325, MAT E 272  
 8809005 A MW 3:10-4:30  
 MEETS: JAN 9-MAY 4  
 8809600 XE ARRANGED SHROTRIYA P  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

OPTMZ MTHD CPLX DSN M E 525 3 CREDITS  
 Prereq: ENGR 160, MATH 265  
 6935005 A MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 6935600 XE ARRANGED KALIVARAPU V  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 3:10-4 PM OR STUDENTS  
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

MICRO/NANOMANUFCTRG M E 528 3 CREDITS  
 Prereq: 324  
 1068005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 1068600 XE ARRANGED CHANDRA A  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

COMPRESBL FLUID FLO M E 532 3 CREDITS  
 Prereq: AER E 311 OR M E 335  
 6272005 A TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

THRMOCHM PROC BIOMS M E 535 3 CREDITS  
 Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS  
 AND TRANSPORT PHENOMENA  
 4863005 TR 9:30-10:20  
 MEETS: JAN 9-MAY 4  
 4863600 XE ARRANGED BROWN R  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 9:20-10:30 AM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

ADV HEAT TRANSFER M E 536 3 CREDITS  
 Prereq: 436  
 4933005 A MW 3:10-4:30  
 MEETS: JAN 9-MAY 4  
 4933600 XE ARRANGED KONG S  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

ADVANCED COMBUSTION M E 542 3 CREDITS  
 Prereq: 332 OR CH E 381  
 4937005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 4937600 XE ARRANGED MEYER T  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

MECHANICAL ENGINEERING (CONTINUED)

INTR RANDM VIB&NONL M E 543 3 CREDITS  
 Prereq: E M 444  
 2807005 ARRANGED  
 MEETS: JAN 9-MAY 4

FLU MECH&HEAT TR II M E 547 3 CREDITS  
 Prereq: 546  
 4940005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

RANDOM SIGNAL&KALMN M E 573 3 CREDITS  
 Prereq: E E 324 OR AER E 331 OR M E 370 OR 411  
 OR MATH 341 OR 395  
 8196005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

OPTIMAL CONTROL M E 574 3 CREDITS  
 Prereq: E E 577  
 8197005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

DIGIT FEEDBCK CNTRL M E 576 3 CREDITS  
 Prereq: E E 475 OR AER E 432 OR M E 411 OR 414 OR  
 MATH 415; AND MATH 267  
 8198005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 8198600 XE ARRANGED KUMAR R  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

NONLINEAR SYSTEMS M E 578 3 CREDITS  
 Prereq: E E 577  
 8200005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 8200600 XE ARRANGED VAIDYA U  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 3:30-4:50 PM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

SPL TOP EXP GAS DYN M E 590A 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLUID MECH M E 590B 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HEAT TRANSF M E 590C 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC THERMODYN M E 590D 1- 8 CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP VEHIC PROPUL M E 590F 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV MACH DSN M E 590G 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AUTO CNTRL M E 590I 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIR &DSGN M E 590J 1- 8 CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MATLS BEHAV M E 590K 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MFG PROCESS M E 590L 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC TRIBOLOGY M E 590M 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SENSTV MTHD M E 590N 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR COMPUT M E 590O 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR MEASUR M E 590P 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING (CONTINUED)

SP TOP LIT INVESTIG M E 590Q 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NUCLEAR ENG M E 590R 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOP CAD/CAM M E 590S 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT M E 599 VAR. CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR M E 600 R CREDIT  
 4964005 A T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

SURFACE MODELING M E 625 3 CREDITS  
 Prereq: 557, PROGRAMMING EXPERIENCE IN C  
 5749005 TR 11:00-12:15  
 MEETS: JAN 9-MAY 4  
 5749600 XE ARRANGED OLIVER J  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE TR 11 AM-12:15 PM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XE is off campus  
 Course delivery is Videostreaming  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

ADV TOP FLUID MECH M E 690B VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HEAT TRANSF M E 690C VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC THERMODYN M E 690D VAR. CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AUTO CNTRL M E 690I VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MATLS BEHAV M E 690K VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MFG PROCESS M E 690L VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC TRIBOLOGY M E 690M VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SENSTV MTHD M E 690N VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR COMPUT M E 690O VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR MEASUR M E 690P VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTG M E 690Q VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERNG INTERNSHP M E 697 R CREDIT  
 Prereq: PERMISSION OF DIRECTOR OF GRADUATE  
 EDUCATION, GRAD CLASSIFICATION  
 Satisfactory-Fail Only.  
 8151005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

RESEARCH M E 699 VAR. CREDITS  
 Note: Distance Ed Delivery Fee \$60.00  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**METEOROLOGY**

WORLD WATER RESOURC MTEOR 160 3 CREDITS  
 3242005 MWF 9:00-9:50 FRANZ K  
 MEETS: JAN 9-MAY 4  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

INTRO WEATHER&CLIMT MTEOR 206 3 CREDITS  
 5375005 MWF 2:10-3:00 FLORY D  
 MEETS: JAN 9-MAY 4

METEOROLOGY (CONTINUED)

METEOROLOGY (CONTINUED)

COOPERATIVE EDUCATN MTEOR 298 R CREDIT  
 Prereq: PERMISSION OF THE DEPT COOPERATIVE  
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION  
 4813005 ARRANGED WU X  
 MEETS: JAN 9-MAY 4

GEN METEOROLOGY I MTEOR 301 4 CREDITS  
 Prereq: MATH 166, CREDIT OR ENROLLMT IN PHYS 222  
 Note: Available for nonmajor graduate credit  
 5376005 1 MWF 9:00-9:50 FLORY D  
 MEETS: JAN 9-MAY 4

METEOROL INTERNSHIP MTEOR 321 1- 2 CREDITS  
 Prereq: 311; JR OR SR STANDING; PERMISSION OF  
 COOP PRGRM COORD; ACCEPTANCE BY SPONSORING AGENCY  
 Satisfactory-Fail Only.  
 5381005 ARRANGED GALLUS W  
 MEETS: JAN 9-MAY 4

ENERGY &THE ENVIRON MTEOR 324 3 CREDITS  
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD  
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR  
 5614005 1 MWF 11:00-11:50 SIMPKINS W  
 MEETS: JAN 9-MAY 4

ATMOSPH PHYSICS II MTEOR 342 3 CREDITS  
 Prereq: 341  
 Note: Available for nonmajor graduate credit  
 5383005 MWF 10:00-10:50 WU X  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUCATN MTEOR 398 R CREDIT  
 Prereq: PERMISSION OF THE DEPT COOPERATIVE  
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION  
 4823005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

GLOBAL CHANGE MTEOR 404 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL  
 SCIENCES OR ENGINEERING; JUNIOR STANDING  
 Note: COURSE RESTRICTED TO GE AT MAJORS ONLY  
 Available for nonmajor graduate credit  
 8141005 MWF 11:00-11:50 GUTOWSKI W  
 MEETS: JAN 9-MAY 4  
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>  
 8141600 XW ARRANGED GUTOWSKI W  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

MESOSCALE METEORLGY MTEOR 407 3 CREDITS  
 Prereq: MATH 166, MTEOR 443  
 1066005 TR 9:30-10:50 GALLUS W  
 MEETS: JAN 9-MAY 4

MESOSCA FORECAS LAB MTEOR 417 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 411  
 Note: Available for nonmajor graduate credit  
 5389005 TR 2:10-4:30 GALLUS W  
 MW 3:10-3:30 GALLUS W  
 MEETS: JAN 9-MAY 4

INSTRUMNT&MEASURMNT MTEOR 432 3 CREDITS  
 Prereq: CR OR ENR IN STAT 105, MATH 266, PHYS 222  
 Note: Available for nonmajor graduate credit  
 5377005 MWF 2:10-3:00 BERESNEV I  
 MEETS: JAN 9-MAY 4

DYNAMIC METEOROLG I MTEOR 443 3 CREDITS  
 Prereq: 341  
 Note: Available for nonmajor graduate credit  
 5385005 MWF 1:10-2:00 CHEN T  
 MEETS: JAN 9-MAY 4

HIST MODRN METEOROL MTEOR 471 1 CREDIT  
 Prereq: 341,342,411,443,455  
 7689005 R 1:10-2:00 CHEN T  
 MEETS: JAN 9-MAY 4

IND STUDY SYNOPTIC MTEOR 490A 1- 3 CREDITS  
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 8424005 ARRANGED  
 MEETS: JAN 9-MAY 4

INDEP STUDY DYNAMIC MTEOR 490B 1- 3 CREDITS  
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 8425005 ARRANGED  
 MEETS: JAN 9-MAY 4

IND STUDY PHYSICAL MTEOR 490C 1- 3 CREDITS  
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 8426005 ARRANGED  
 MEETS: JAN 9-MAY 4

IND STU INSTRUMENTN MTEOR 490D 1- 3 CREDITS  
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 1010005 ARRANGED  
 MEETS: JAN 9-MAY 4

IND STUDY HYDROLOGY MTEOR 490E 1- 3 CREDITS  
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 8668005 ARRANGED  
 MEETS: JAN 9-MAY 4

IND STU CLIMATE/WTR MTEOR 490F 1- 3 CREDITS  
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION  
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 3583005 ARRANGED  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUCATN MTEOR 498 R CREDIT  
 Prereq: PERMISSION OF THE DEPT COOPERATIVE  
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION  
 4824005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

GLOBAL CHANGE MTEOR 504 3 CREDITS  
 Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES  
 OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING  
 Note: COURSE RESTRICTED TO GE AT MAJORS ONLY  
 8142005 MWF 11:00-11:50 GUTOWSKI W  
 MEETS: JAN 9-MAY 4

MESOSCALE METEOROLGY MTEOR 507 3 CREDITS  
 Prereq: MATH 166 AND MTEOR 443  
 2521005 TR 9:30-10:50 GALLUS W  
 MEETS: JAN 9-MAY 4

MICROWV REMOTE SENS MTEOR 518 3 CREDITS  
 Prereq: MATH 265 OR EQUIVALENT  
 5860005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

HIST MODRN METEOROL MTEOR 571 1 CREDIT  
 3770005 R 1:10-2:00 CHEN T  
 MEETS: JAN 9-MAY 4

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 8427005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 8429005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 8430005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 8431005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 8432005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 8433005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 8434005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 8435005 ARRANGED  
 MEETS: JAN 9-MAY 4

(CONTINUED)

METEOROLOGY			
SPL TOP FIELD OBSRV	MTEOR 590I	1- 3 CREDITS	
8437005	Prereq: PERMISSION OF INSTRUCTOR ARRANGED MEETS: JAN 9-MAY 4		
SPL TOP LOW FREQ MD	MTEOR 590J	1- 3 CREDITS	
1230005	Prereq: PERMISSION OF INSTRUCTOR ARRANGED MEETS: JAN 9-MAY 4		
SPL TOPC CLOUD PHYS	MTEOR 590K	1- 3 CREDITS	
3901005	Prereq: PERMISSION OF INSTRUCTOR ARRANGED MEETS: JAN 9-MAY 4		
SPL TOP ATMOS RADIA	MTEOR 590L	1- 3 CREDITS	
3904005	Prereq: PERMISSION OF INSTRUCTOR ARRANGED MEETS: JAN 9-MAY 4		
SPL TOPCS HYDROLOGY	MTEOR 590M	1- 3 CREDITS	
8669005	Prereq: PERMISSION OF INSTRUCTOR ARRANGED MEETS: JAN 9-MAY 4		
GRADUATE SEMINAR	MTEOR 595A	1 CREDIT	
3596005	Prereq: SENIOR OR GRADUATE CLASSIFICATION Satisfactory-Fail Only. F 4:10-6:00PM MEETS: JAN 9-MAY 4		
GRADUATE SEMINAR	MTEOR 595B	R CREDIT	
3599005	Prereq: SENIOR OR GRADUATE CLASSIFICATION Satisfactory-Fail Only. F 4:10-6:00PM MEETS: JAN 9-MAY 4		
RESEARCH	MTEOR 699	VAR. CREDITS	
*****	SEE DEPT FOR REFERENCE NUMBERS		

(CONTINUED)

MICROBIOLOGY			
INSCTS&OUR HLTH LAB	MICRO 374L	1 CREDIT	
6329005	Prereq: CREDIT OR ENROLLMENT IN ENT 374 W 9:00-11:50 MEETS: JAN 9-MAY 4		
SAFTY FOOD FROM ANI	MICRO 407	3 CREDITS	
1881005	Prereq: 420 1 TR 9:30-10:50 MEETS: JAN 9-MAY 4		
FOODBORNE HAZARDS	MICRO 419	3 CREDITS	
1462005	Prereq: MICRO 201 OR 302, A COURSE IN BIOCHEM Note: CREDIT FOR EITHER FS HN\TOX\MICRO 419 OR FS HN\TOX\NUTRS 519, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION Available for nonmajor graduate credit MWF 11:00-11:50 MEETS: JAN 9-MAY 4		
UNDERGRAD SEMINAR	MICRO 450	1 CREDIT	
5319005	Prereq: SP CM 212 AND SR STANDING IN MICROBIOLOGY R 11:00-11:50 MEETS: JAN 9-MAY 4		
5319010	2 W 2:10-3:00 MEETS: JAN 9-MAY 4		
IMMUNOLOGY	MICRO 475	3 CREDITS	
9677005	Prereq: 310 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: MICRO 475, V MPM 520, MICRO/V MPM 575 MWF 8:00-8:50 MEETS: JAN 9-MAY 4		
IMMUNOLOGY LAB	MICRO 475L	1 CREDIT	
6720005	Prereq: CREDIT OR ENROLLMENT IN 475 OR 575 1 TR 1:10-4:00 MEETS: JAN 9-MARCH 2 Note: Materials fee \$85.00		
BACT-PLANT INTERACT	MICRO 477	3 CREDITS	
5646005	Prereq: 3 CREDITS IN MICROBIOL OR PLANT PATHOLOGY MWF 1:10-2:00 MEETS: JAN 9-MAY 4		
MICROBIAL ECOLOGY	MICRO 487	3 CREDITS	
3849005	Prereq: 6 CREDITS IN BIOLOGY AND 6 CR IN CHEM Note: Available for nonmajor graduate credit TR 11:00-12:20 MEETS: JAN 9-MAY 4		
INDEPENDENT STUDY	MICRO 490	1- 5 CREDITS	
1433005	Prereq: A MINIMUM OF 6 CR HOURS OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, PERMISSION OF INSTRUCTOR Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION Instructor permission required 1st week. ***** SEE DEPT FOR REFERENCE NUMBERS		
1433010	1 MW 8:00-9:20 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
1433015	2 MW 9:30-10:50 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
1433020	3 MW 11:00-12:20 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
1433025	4 TR 8:00-9:20 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
1433030	5 TR 9:30-10:50 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
1433030	6 TR 11:00-12:20 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
BIOL MICROORGANISMS	MICRO 302	3 CREDITS	
1426005	Prereq: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212; ONE SEMESTER OF CHEMISTRY A MWF 10:00-10:50 MEETS: JAN 9-MAY 4		
MICROBIOLOGY LAB	MICRO 302L	1 CREDIT	
3024005	Prereq: CREDIT OR ENROLLMENT IN 302 Note: CREDIT FOR EITHER MICRO 302L OR MICRO 201L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION 1 MW 1:10-2:30 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
3024010	2 MW 2:40-4:00 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
MOLEC&CELL BACTERIO	MICRO 320	4 CREDITS	
3781005	Prereq: 302, BIOL 313, CR OR ENROLLMT IN CHEM 332 1 MWF 10:00-10:50 MEETS: JAN 9-MAY 4		
INSECTS &OUR HEALTH	MICRO 374	3 CREDITS	
2784005	Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES Note: Meets international perspectives reqmt Available for nonmajor graduate credit A MWF 2:10-3:00 MEETS: JAN 9-MAY 4		

**MICROBIOLOGY**

INTRO MICROBIOLOGY	MICRO 201	2 CREDITS	
5305005	Prereq: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY TR 1:10-2:00 MEETS: JAN 9-MAY 4		
INTRO MICROBIOL LAB	MICRO 201L	1 CREDIT	
1433005	Prereq: CREDIT OR ENROLLMENT IN 201 OR 302 Note: CREDIT FOR EITHER MICRO 201L OR MICRO 302L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION 1 MW 8:00-9:20 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
1433010	2 MW 9:30-10:50 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
1433015	3 MW 11:00-12:20 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
1433020	4 TR 8:00-9:20 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
1433025	5 TR 9:30-10:50 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		
1433030	6 TR 11:00-12:20 MEETS: JAN 9-MAY 4 Note: Materials fee \$145.00		

MICROBIOLOGY (CONTINUED)

MILITARY SCIENCE (CONTINUED)

PRO PRCTC:RSPBL RES MICRO 565A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 8135005 1 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 8135010 2 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

PRO PRCTCE:WRK INDU MICRO 565B .5 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 8136005 ARRANGED  
 MEETS: JAN 9-MAY 4

IMMUNOLOGY MICRO 575 3 CREDITS  
 Prereq: 310  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
 APPLIED TOWARD GRADUATION: MICRO 475, V MPM 520,  
 MICRO/V MPM 575  
 5335005 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

BACT-PLANT INTERACT MICRO 577 3 CREDITS  
 Prereq: 3 CR IN MICROBIOLOGY OR PLANT PATHOLOGY  
 5647005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

MICROBIAL ECOLOGY MICRO 587 3 CREDITS  
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM  
 6759005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

SEMINAR MICRO 604 1 CREDIT  
 Satisfactory-Fail Only.  
 6962005 A R 4:10-5:00  
 MEETS: JAN 9-MAY 4

ADV FOOD MICROBIOLG MICRO 626 3 CREDITS  
 Prereq: FS HN 420 OR 421 OR 504  
 5341005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

RAPID MTH FD MICROB MICRO 627 2 CREDITS  
 Prereq: FS HN 420 OR 421 OR 504  
 8835005 1 MW 1:10-2:00  
 MEETS: JAN 9-MAY 4

ADV SOIL BIOCHEM MICRO 685 2 CREDITS  
 Prereq: AGRON 585  
 5348005 ARRANGED TABATABAI M  
 MEETS: JAN 9-MAY 4

CURR TOPIC MICROBIO MICRO 690A 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRAD RESEARCH ROTAT MICRO 697 VAR. CREDITS  
 7161005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEMN MOLEC,C,DV BIO MICRO 698 1- 2 CREDITS  
 5350005 M 3:10-5:00  
 MEETS: JAN 9-MAY 4

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

BAS LEADRSH LAB IV M S 202L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN M S 202 REQUIRED  
 Note: CONCURRENT ENROLLMENT IN M S 202 REQUIRED  
 3198005 1 W 4:10-5:30, ARRANGED PINGEL B  
 MEETS: JAN 9-MAY 4

ADV PHY READINSS II M S 251 2 CREDITS  
 Prereq: SUCCESSFUL COMPLETION OF 150 AND 250  
 9029005 1 MTRF 6:00-7:15 PINGEL B  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

IND STDY: BASIC MILI M S 290 1- 3 CREDITS  
 Prereq: PERMISSION OF THE M S DEPT CHAIR  
 8153005 1 ARRANGED WHITE K  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

APPLIED LEADERSHIP M S 302 3 CREDITS  
 Prereq: COMPLETION OF THE BASIC MILITARY SCIENCE  
 PROGRAM, CONCURRENT ENROLLMENT IN M S 302L AND  
 PERMISSION OF THE CHAIR OF THE MILITARY SCIENCE DEPT  
 5002005 1 TR 9:30-10:50 BECKMAN F  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.  
 5002010 2 TR 11:00-12:20 BECKMAN F  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

ADV LEADRSH LAB II M S 302L 1 CREDIT  
 Prereq: COMPLETION OF THE BASIC PROGRAM,  
 CONCURRENT ENROLLMENT IN M S 302 AND PERMISSION OF  
 THE DEPARTMENT CHAIR OF MILITARY SCIENCE  
 5005005 1 W 4:10-5:30, ARRANGED BECKMAN F  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

SEMINR: PRO OFFICER M S 402 3 CREDITS  
 Prereq: COMPLETION OF THE BASIC PROGRAM,  
 CONCURRENT ENROLLMENT IN M S 402L AND PERMISSION OF  
 THE MILITARY SCIENCE DEPARTMENT CHAIR  
 5009005 1 MW 12:10-1:30 SMITH R  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.  
 5009010 2 MW 1:40-3:00 SMITH R  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.  
 5009015 3 ARRANGED SMITH R  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

ADV LEADRSH LAB IV M S 402L 1 CREDIT  
 Prereq: COMPLETION OF THE BASIC PROGRAM,  
 CONCURRENT ENROLLMENT IN M S 402 AND PERMISSION OF  
 THE MILITARY SCIENCE DEPARTMENT CHAIR  
 5010005 1 W 4:10-5:30, ARRANGED SMITH R  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

IND STDY: ADV MIL ST M S 490 1 CREDIT  
 Prereq: M S 301, 302, 401, 402, PERMISSION  
 OF THE MILITARY SCIENCE DEPARTMENT CHAIR  
 9598005 1 ARRANGED SMITH R  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

MILITARY SCIENCE

MOLECULAR CELLULAR DEV BIOLOGY

STRUC&FUNC U.S.ARMY M S 102 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN M S 102L REQ'D  
 Note: CONCURRENT ENROLLMENT IN M S 102L REQUIRED  
 4995005 1 T 12:40-1:30 ROSHEIM A  
 MEETS: JAN 9-MAY 4  
 4995010 2 W 10:00-10:50 ROSHEIM A  
 MEETS: JAN 9-MAY 4  
 4995015 3 W 3:10-4:00 ROSHEIM A  
 MEETS: JAN 9-MAY 4

BASIC LDRSH LAB II M S 102L 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN M S 102 REQUIRED  
 Note: CONCURRENT ENROLLMENT IN M S 102 REQUIRED  
 2983005 1 W 4:10-5:30, ARRANGED ROSHEIM A  
 MEETS: JAN 9-MAY 4

ARMY PHY READINESS M S 150 1 CREDIT  
 8414005 1 MTF 6:00-7:15 PINGEL B  
 MEETS: JAN 9-MAY 4

MAP READ&LAND NAVIG M S 202 2 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN M S 202L REQUIRED  
 Note: CONCURRENT ENROLLMENT IN M S 202L REQUIRED  
 4999005 1 MW 9:00-9:50 PINGEL B  
 MEETS: JAN 9-MAY 4  
 4999010 2 MW 11:00-11:50 PINGEL B  
 MEETS: JAN 9-MAY 4

MOLECULAR GENETICS MCDB 511 3 CREDITS  
 Prereq: BIOL 313 AND BBMB 405  
 5303005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

SPECIAL TOPICS MCDB 590 VAR. CREDITS  
 5260005 ARRANGED  
 MEETS: JAN 9-MAY 4

BIOCH EUARYOT GENE MCDB 676 2 CREDITS  
 Prereq: BBMB 404 OR 501, 405 OR 502 OR GDCE 511  
 1849005 TR 11:00-12:20 NILSEN-HAMILTON  
 MEETS: JAN 9-MAY 4

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS  
 Satisfactory-Fail Only.  
 7278005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEMN MOLEC,C,DV BIO MCDB 698 1- 2 CREDITS  
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2012  
 5275005 M 3:10-5:00  
 MEETS: JAN 9-MAY 4

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

**MUSIC**

FUNDAMNTLS OF MUSIC MUSIC 101 2 CREDITS  
 Prereq: ABILITY TO READ ELEM MUSICAL NOTATION  
 7180005 A MWF 9:00-9:50 WORK G  
 MEETS: JAN 9-MAY 4  
 7180010 B MWF 3:10-4:00 DARLINGTON M  
 MEETS: JAN 9-MAY 4

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS  
 Note: Meets international perspectives reamt  
 5406005 A MWF 9:00-9:50 STUART D  
 MEETS: JAN 9-MAY 4  
 5406010 B MWF 10:00-10:50 STUART D  
 MEETS: JAN 9-MAY 4

BASIC MUSICIANSHIP MUSIC 105 3 CREDITS  
 Prereq: PERFORMING ARTS MAJOR CLASSIFICATION  
 2975005 TR 2:10-3:00 HARRISON J  
 W 3:10-4:00  
 MEETS: JAN 9-MAY 4

WIND ENSEMBLE MUSIC 111 1 CREDIT  
 Prereq: OPEN TO ALL STUDENTS BY AUDITION  
 5408005 MWRF 12:10-1:00 GOLEMO M  
 MEETS: JAN 9-MAY 4

CONCERT BAND MUSIC 112 1 CREDIT  
 Prereq: OPEN TO ALL STUDENTS WHO PERFORMED ON A  
 WIND OR PERCUSSION INSTRUMENT IN HS BAND OR ORCHESTRA  
 5409005 TR 4:10-5:30 STAUB W  
 MEETS: JAN 9-MAY 4

JAZZ ENSEMBLE MUSIC 113 1 CREDIT  
 Prereq: OPEN TO ALL STUDENTS BY AUDITION  
 Note: STUDENT MUST ENROLL IN ASSIGNED SECTION  
 5410005 A TR 2:10-3:40 BOVINETTE J  
 MEETS: JAN 9-MAY 4  
 5410010 B MW 4:10-5:30 GILES M  
 MEETS: JAN 9-MAY 4

PEP BAND MUSIC 114B 1 CREDIT  
 Prereq: STUDENTS SELECTED BY AUDITION FROM  
 CURRENT MEMBERS OF 114A  
 4603005 T 6:10-7:00PM SMYTH S  
 MEETS: JAN 9-MAY 4

SYMPHONIC BAND MUSIC 115 1 CREDIT  
 Prereq: OPEN TO ALL STUDENTS BY AUDITION  
 9610005 MWF 11:00-11:50 SMYTH S  
 MEETS: JAN 9-MAY 4

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 118C 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 118D 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 118E 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 118F 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 118G 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 118I 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 119D 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 119I 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTR MUSIC LIT&STYL MUSIC 120 3 CREDITS  
 Prereq: 221; MUSIC MAJOR STATUS OR PERMISSION  
 OF INSTRUCTOR  
 Note: CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT  
 BOTH, MAY BE APPLIED TOWARD GRADUATION  
 5430005 MWF 9:00-9:50 STURM J  
 MEETS: JAN 9-MAY 4

CLASS STUDY PIANO I MUSIC 127 1 CREDIT  
 Prereq: 101 OR AUDITION, & PERMISSN OF INSTR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
 THE INSTRUCTOR.  
 5432005 A MW 12:10-1:00 BRONSON J  
 MEETS: JAN 9-MAY 4

CLASS STDY PIANO II MUSIC 128 1 CREDIT  
 Prereq: 127 OR AUDITION, & PERMISSN OF INSTR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
 THE INSTRUCTOR.  
 Instructor permission required 1st week.  
 5433005 A MW 10:00-10:50 BRONSON J  
 MEETS: JAN 9-MAY 4  
 5433010 B TR 11:00-11:50 BRONSON J  
 MEETS: JAN 9-MAY 4

LYRICA WOMENS CHOIR MUSIC 141 1 CREDIT  
 Prereq: OPEN TO ALL FEMALE STUDENTS BY AUDITION  
 5437005 MWF 2:10-3:00 RODDE K  
 MEETS: JAN 9-MAY 4

CANTAMUS WMNS CHOIR MUSIC 151A 1 CREDIT  
 Prereq: OPEN TO ALL STUDENTS BY AUDITION  
 4461005 MWF 11:00-11:50 RODDE K  
 MEETS: JAN 9-MAY 4

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT  
 Prereq: OPEN TO ALL STUDENTS BY AUDITION  
 4471005 MWF 1:10-2:00 RODDE J  
 MEETS: JAN 9-MAY 4

IOWA STATE SINGERS MUSIC 161 1 CREDIT  
 Prereq: OPEN TO ALL STUDENTS BY AUDITION  
 5441005 MTWRF 12:10-1:00 RODDE J  
 MEETS: JAN 9-MAY 4

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT  
 Prereq: OPEN TO ALL STUDENTS BY AUDITION  
 5443005 TR 4:10-6:00PM HARRISON J  
 MEETS: JAN 9-MAY 4

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



MUSIC

(CONTINUED)

APPLIED MUSIC ORGAN MUSIC 219C 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 219D 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

CLASS STU PIANO III MUSIC 227 1 CREDIT  
 Prereq: 128 OR AUDITION & PERMISSION OF INSTR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
 THE INSTRUCTOR.  
 Instructor permission required 1st week.  
 5455005 A TR 9:00-9:50 BRONSON J  
 MEETS: JAN 9-MAY 4

CLASS STDY PIANO IV MUSIC 228 1 CREDIT  
 Prereq: 227 OR AUDITION & PERMISSION OF INSTR  
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.  
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF  
 THE INSTRUCTOR.  
 Instructor permission required 1st week.  
 5456005 A TR 10:00-10:50 BRONSON J  
 MEETS: JAN 9-MAY 4  
 5456010 B MW 11:00-11:50 BRONSON J  
 MEETS: JAN 9-MAY 4

MATERLS OF MUSIC I MUSIC 231 3 CREDITS  
 Prereq: 221  
 4382005 A MWF 2:10-3:00 STURM J  
 MEETS: JAN 9-MAY 4  
 4382010 B MWF 10:00-10:50 STURM J  
 MEETS: JAN 9-MAY 4

AURAL THEORY I MUSIC 232 1 CREDIT  
 Prereq: 222  
 4395005 TR 10:00-10:50 GILES S  
 MEETS: JAN 9-MAY 4

INTRO MUSIC TECHNOL MUSIC 246 2 CREDITS  
 Prereq: 101, 105, OR 221, OR INSTRUCTOR PERMISSN  
 5578005 MW 1:10-2:00 HOPKINS C  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$35.00

MU INSTRUCT TECHNOL MUSIC 248 2 CREDITS  
 Prereq: 221 AND 222  
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY  
 4158005 A TR 10:00-10:50 OAKES G  
 MEETS: JAN 9-MAY 4

MUSIC IN ELEM EDUC MUSIC 265 3 CREDITS  
 Prereq: HD FS 226 OR PSYCH 230  
 7209005 A W 5:10-8:00PM MARTEN C  
 MEETS: JAN 9-MAY 4

INTRO TO MUSIC EDUC MUSIC 266 2 CREDITS  
 Prereq: CONCURRENT ENROLLMENT (.5 CR) IN 480K  
 5459005 MW 3:10-4:00  
 MEETS: JAN 9-MAY 4

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

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.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Professional support fee \$250.00-\$720.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 290H VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN  
 UNIVERSITY HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS  
 ONLY.  
 Instructor permission required 1st week.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

OPERA/OPRTTA STUDIO MUSIC 301A 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 8656005 TR 2:10-3:30 CRESWELL M  
 MEETS: JAN 9-MAY 4

OPERA STDO MU THTRE MUSIC 301B 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 8670005 ARRANGED  
 MEETS: JAN 9-MAY 4

HIST MUS WSTN CULTR MUSIC 302 3 CREDITS  
 Prereq: MUSIC 102. NOT OPEN TO MUSIC MAJORS.  
 Note: CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT  
 BOTH, MAY BE APPLIED TOWARD GRADUATION  
 5407005 MWF 3:10-4:00 STURM J  
 MEETS: JAN 9-MAY 4

HIST OF ROCK'N'ROLL MUSIC 304 3 CREDITS  
 Prereq: 101, 102, 221, OR 222  
 8118005 1 MW 2:10-3:00 STUART D  
 T 9:30-10:20 STUART D  
 MEETS: JAN 9-MAY 4  
 8118010 2 MW 2:10-3:00 STUART D  
 T 9:30-10:20 STUART D  
 MEETS: JAN 9-MAY 4  
 8118015 3 MW 2:10-3:00 STUART D  
 T 11:00-11:50 ZIMMERMAN E  
 MEETS: JAN 9-MAY 4  
 8118020 4 MW 2:10-3:00 STUART D  
 T 11:00-11:50 STUART D  
 MEETS: JAN 9-MAY 4  
 8118025 5 MW 2:10-3:00 STUART D  
 R 9:30-10:20 ZIMMERMAN E  
 MEETS: JAN 9-MAY 4  
 8118030 6 MW 2:10-3:00 STUART D  
 R 9:30-10:20 STUART D  
 MEETS: JAN 9-MAY 4  
 8118035 7 MW 2:10-3:00 STUART D  
 R 11:00-11:50 ZIMMERMAN E  
 MEETS: JAN 9-MAY 4  
 8118040 8 MW 2:10-3:00 STUART D  
 R 11:00-11:50 STUART D  
 MEETS: JAN 9-MAY 4

APPLIED MUSIC VOICE MUSIC 318A 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 318B 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 318C 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 318D 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 318E 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

MUSIC (CONTINUED)

MUSIC (CONTINUED)

APPL MUSIC WOODWIND MUSIC 318F 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 318G 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 318I 1- 2 CREDITS  
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 319C 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 319D 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CREDITS  
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE MUSIC 321A 1 CREDIT  
 Prereq: ADVANCED PROFICIENCY AND PERFORMING  
 ABILITY, PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CREDIT  
 Prereq: ADVANCED PROFICIENCY AND PERFORMING  
 ABILITY, PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN MUSIC 321C 1 CREDIT  
 Prereq: ADVANCED PROFICIENCY AND PERFORMING  
 ABILITY, PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL STRINGS MUSIC 321D 1 CREDIT  
 Prereq: ADVANCED PROFICIENCY AND PERFORMING  
 ABILITY, PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CREDIT  
 Prereq: ADVANCED PROFICIENCY AND PERFORMING  
 ABILITY, PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CREDIT  
 Prereq: ADVANCED PROFICIENCY AND PERFORMING  
 ABILITY, PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSM PERCUSSION MUSIC 321I 1 CREDIT  
 Prereq: ADVANCED PROFICIENCY AND PERFORMING  
 ABILITY, PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED MUSIC 321J 1 CREDIT  
 Prereq: ADVANCED PROFICIENCY AND PERFORMING  
 ABILITY, PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

FUNC PIANO FOR VOCL MUSIC 327B 2 CREDITS  
 Prereq: 228 OR AUDITION AND PERMISSION OF INSTR  
 2636005 TR 3:10-4:00, ARRANGED RODDE K  
 MEETS: JAN 9-MAY 4

MUSIC MATERIALS III MUSIC 337 3 CREDITS  
 Prereq: 331  
 4414005 A MWF 8:00-8:50 BRYDEN K  
 MEETS: JAN 9-MAY 4  
 4414010 B MWF 9:00-9:50 BRYDEN K  
 MEETS: JAN 9-MAY 4

AURAL THEORY III MUSIC 338 1 CREDIT  
 Prereq: 332  
 4415005 TR 8:00-8:50 STURM J  
 MEETS: JAN 9-MAY 4

MIDI&DIG AUDIO TCNQ MUSIC 346 3 CREDITS  
 Prereq: 246 OR PERMISSION OF INSTRUCTOR  
 Note: Available for nonmajor graduate credit  
 8436005 M 3:10-4:00 HOPKINS C  
 W 3:10-5:00 HOPKINS C  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$35.00

WDWIND:FLT,SAX,CLAR MUSIC 351 2 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED  
 OF INSTRUMENTAL MUSIC EDUCATION MAJORS  
 5500005 MWF 2:10-3:00 OAKES G  
 MEETS: JAN 9-MAY 4

BRSS:TROM,BARI,TUBA MUSIC 354 1 CREDIT  
 Prereq: 353 OR PERMISSION OF INSTRUCTOR.  
 CONCURRENT ENROLLMENT IN 358B IS REQUIRED OF  
 INSTRUMENTAL MUSIC EDUCATION MAJORS,  
 5503005 TR 11:00-11:50 STAUB W  
 MEETS: JAN 9-MAY 4

PERCUSSION TECH MUSIC 355 1 CREDIT  
 Prereq: CONCURRENT ENROLLMENT IN 358B IS REQUIRED  
 OF INSTRUMENTAL MUSIC EDUCATION MAJORS  
 5504005 TR 11:00-11:50 COLEY M  
 MEETS: JAN 9-MAY 4

LAB ENSMBLE INSTRUM MUSIC 358B R CREDIT  
 Satisfactory-Fail Only.  
 7330005 T 12:10-1:00 SMYTH S  
 MEETS: JAN 9-MAY 4

VOCAL PEDAGOGY MUSIC 360 2 CREDITS  
 Prereq: 319A OR VOCAL PROFICIENCY EXAM  
 5506005 MWF 1:10-2:00 SIMONSON D  
 MEETS: JAN 9-MAY 4

CONDUCTG II INSTRUM MUSIC 362B 2 CREDITS  
 Prereq: CONCURRENT ENROLLMENT IN 358B  
 1240005 MWF 9:00-9:50 HARRISON J  
 MEETS: JAN 9-MAY 4

CHORAL LITERATURE MUSIC 367 2 CREDITS  
 Prereq: 361 RECOMMENDED  
 4597005 TR 4:10-5:00  
 MEETS: JAN 9-MAY 4

HISTORY OF MUSIC II MUSIC 384 3 CREDITS  
 Prereq: 383; MUSIC MAJOR STATUS OR PERMISSION  
 OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 5512005 MWF 10:00-10:50 STURM J  
 MEETS: JAN 9-MAY 4

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 &PEDAGOGY BRASS MUSIC 415G 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

MUSIC (CONTINUED)

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  
 6741005 1 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1 OFFERED FOR 8 CREDITS  
 Professional support, field trips &/or  
 travel fee \$210.00  
 6741010 2 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 1 OFFERED FOR 8 CREDITS  
 Professional support, field trips &/or  
 travel fee \$210.00

STUDNT TCHG SEC MUS MUSIC 417S VAR. CREDITS  
 6690005 1 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 1 OFFERED FOR 8 CREDITS  
 6690010 2 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 1 OFFERED FOR 8 CREDITS

APPLIED MUSIC VOICE MUSIC 419A 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 419B 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 419C 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 419D 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 419E 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 419F 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 419I 1- 3 CREDITS  
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY  
 Note: Applied Music fee \$150.00-\$190.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

JR/SENIOR RECITAL MUSIC 420 R CREDIT  
 Prereq: ADVANCED PERFORMING ABILITY, PERMISSION  
 OF INSTRUCTOR, CONCURRENT REGISTRATION IN 319 OR 419  
 Satisfactory-Fail Only.  
 5584005 ARRANGED GOLEMO M  
 MEETS: JAN 9-MAY 4  
 Note: COURSES FOR JUNIOR OR SENIOR RECITALS ONLY

SEMINR MUSIC THEORY MUSIC 440 3 CREDITS  
 Prereq: 337, 338  
 Note: Available for nonmajor graduate credit  
 5523005 MWF 8:00-8:50 STURM J  
 MEETS: JAN 9-MAY 4

INSTM ADM,MTLS,MTHD MUSIC 464 2 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 362B RECOMMENDED  
 5525005 TR 9:00-9:50 GOLEMO M  
 MEETS: JAN 9-MAY 4

FLD EXP TEACH MUSIC MUSIC 480K .5- 2 CREDITS  
 Note: COURSE OFFERED FOR 1-2 CREDITS SPRING 2012  
 7691005 ARRANGED  
 MEETS: JAN 9-MAY 4

INDEP STDY MUSIC ED MUSIC 490A VAR. CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSIC (CONTINUED)

INDEP STUDY THEORY MUSIC 490B VAR. CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU COMPOSITION MUSIC 490C VAR. CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY MUSIC 490D VAR. CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY LITERATURE MUSIC 490E VAR. CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY APPL MUSIC MUSIC 490F VAR. CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 Professional support fee \$250.00-\$720.00  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY 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 STUDY HONORS MUSIC 490H VAR. CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN  
 UNIVERSITY HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS  
 ONLY.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRNC M MUSIC 490I VAR. CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN  
 MUSIC, APPROVAL OF DEPARTMENT CHAIR  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS THEORY MUSIC 590B VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF  
 DEPARTMENT HEAD  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS 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**

NREM LRN CMM SEMINR NREM 111 1 CREDIT  
 Prereq: MEMBER OF THE NREM TRANSITIONS LEARNING  
 COMMUNITY  
 Satisfactory-Fail Only.  
 8032005 1 T 12:10-1:00 BURNETT J  
 MEETS: JAN 9-MAY 4  
 8032010 2 F 12:10-1:00 BURNETT J  
 MEETS: JAN 9-MAY 4

ORIEN LEARNING&TEAM NREM 112 2 CREDITS  
 1346005 1 W 9:00-10:50  
 MEETS: JAN 9-MAY 4

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

DEV LEARNRS&LEADERS NREM 114 2 CREDITS  
 Prereq: 112  
 8116005 1 W 4:10-6:00PM WIERSEMA J  
 MEETS: JAN 9-MAY 4  
 8116010 2 W 4:10-6:00PM WIERSEMA J  
 MEETS: JAN 9-MAY 4

INTR RENEW RESOURCES NREM 120 3 CREDITS  
 1297005 MWF 12:10-1:00 HALL R  
 MEETS: JAN 9-MAY 4  
 1297600 XW ARRANGED HALL R  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: http://www.agde.iastate.edu/support  
 /comp.reqs.php

NAT RESOURCES &AGRI NREM 130 3 CREDITS  
 1055005 MWF 9:00-9:50 ISENHART T  
 MEETS: JAN 9-MAY 4

NAT RESOURC CAREERS NREM 211 1 CREDIT  
 Prereq: SOPHOMORE CLASSIFICATION  
 Satisfactory-Fail Only.  
 4467005 R 2:10-3:00 BURNETT J  
 MEETS: JAN 9-MAY 4

FND NAT R PLCY&HIST NREM 270 3 CREDITS  
 3541005 TR 12:40-2:00 PRITCHARD J  
 ARRANGED PRITCHARD J  
 MEETS: JAN 9-MAY 4

INTERNSHIP NREM 303 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, SOPH STANDING  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR NREM 305 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2012.  
 1058005 1 ARRANGED SCHULTE-MOORE L  
 MEETS: JAN 9-MAY 4

INTERPR NAT RESOURC NREM 330 3 CREDITS  
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCES  
 1070005 TR 2:10-3:00 CHRISTOFFEL R  
 R 3:10-5:00 CHRISTOFFEL R  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$25.00

WATERSHED MANAGMENT NREM 407 4 CREDITS  
 Prereq: A COURSE IN GENERAL BIOLOGY  
 3727005 1 TR 9:30-10:50 SCHULTZ R  
 T 3:10-6:00PM SCHULTZ R  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$30.00

GIS&GPS NAT RESOURC NREM 446 3 CREDITS  
 Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300  
 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE  
 WITH ARCGIS  
 3032005 1 TR 8:00-8:50  
 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00  
 3032010 2 TR 8:00-8:50  
 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00  
 3032015 3 TR 8:00-8:50  
 W 10:00-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00  
 3032020 4 TR 8:00-8:50  
 M 10:00-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00

FUND REMOTE SENSING NREM 454X 3 CREDITS  
 9371005 TR 10:00-11:50  
 MEETS: JAN 9-MAY 4

CONTRV NAT RSRC MGT NREM 460 3 CREDITS  
 Prereq: 120, AND A ECL 312 OR NREM 301, AND  
 JUNIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 7598005 1 TR 11:00-12:20 KNOOT T  
 MEETS: JAN 9-MAY 4

IND STDY ANIMAL ECO NREM 490A 1- 4 CREDITS  
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CREDITS  
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS  
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONL TRAVEL NREM 496A 1- 5 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 2596800 CR ARRANGED DINSMORE S  
 MEETS: MARCH 8-MAY 4  
 Note: SEC CR TAUGHT IN COSTA RICA. NATIONAL HISTORY  
 OF COSTA RICA STUDY ABROAD SPRING 2012. TAUGHT FOR  
 3 CREDITS SPRING 2012  
 Study Abroad Administrative Fee Applies

DOMESTIC TRAVEL NREM 496B 1- 5 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 2597005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

COOPERATIVE EDUC NREM 498 1- 3 CREDITS  
 Prereq: PERMISSION OF DEPARTMENT CHAIR  
 Note: Permission of department chair required.  
 Satisfactory-Fail Only.  
 7593005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEMINAR NREM 505 1 CREDIT  
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION  
 1083005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

WATERSHED MANAGEMNT NREM 507 4 CREDITS  
 Prereq: A COURSE IN GENERAL BIOLOGY  
 3857005 1 TR 9:30-10:50 SCHULTZ R  
 T 3:10-6:00PM SCHULTZ R  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$30.00

PBLSH BIOL SCI JRNL NREM 529 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR; EVIDENCE OF A  
 PUBLISHABLE UNIT OF THE STUDENT'S RESEARCH DATA  
 3398005 TR 3:10-4:30  
 MEETS: JAN 9-MAY 4

INTRO DNA TECHNIQS NREM 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 3744005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: JAN 10-FEB 9  
 Note: Materials and equipment use fee \$25.00

INTR PROTEIN TECHNQ NREM 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 3806005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS NREM 542C 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 3777005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: MARCH 27-APRIL 26

INTR PLNT TRNSFM TQ NREM 542D 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 3796005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTR METABLMCS TCNQ NREM 542F 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 9025005 M 1:10-4:00, ARRANGED PERERA M  
 MEETS: FEB 6-APRIL 16  
 Note: Materials and equipment use fee \$25.00

INTRO GENOMIC TECNQ NREM 542G 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7805005 M 2:10-4:00  
 W 2:10-4:00  
 MEETS: MARCH 5-APRIL 2

INTEGRATING GIS&GPS NREM 546 3 CREDITS  
 Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300  
 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE IN  
 ARCGIS  
 3821005 1 TR 8:00-8:50  
 T 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00  
 3821010 2 TR 8:00-8:50  
 R 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

INTEGRATING GIS&GPS NREM 546 3 CREDITS  
 3821015 3 TR 8:00-8:50  
 W 10:00-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00  
 3821020 4 TR 8:00-8:50  
 M 10:00-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$52.00

FUND REMOTE SENSING NREM 554X 3 CREDITS  
 9370005 TR 10:00-11:50  
 MEETS: JAN 9-MAY 4

ADV DECSN RES ALLOC NREM 570 3 CREDITS  
 Prereq: 451 OR TWO COURSES IN ECONOMICS  
 3757005 ARRANGED TYNDALL J  
 MEETS: JAN 9-MAY 4

SPL TOPCS ANIML ECO NREM 590A 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY NREM 590B 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP NREM 593 1- 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 Note: Instructor permission required 1st week.  
 1106005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$25.00

INTERNATIONL TRAVEL NREM 596A 1- 5 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 2605800 CR ARRANGED DINSMORE S  
 MEETS: MARCH 8-MAY 4  
 Note: SEC CR TAUGHT IN COSTA RICA. NATIONAL HISTORY  
 OF COSTA RICA STUDY ABROAD SPRING 2012. TAUGHT FOR  
 3 CREDITS SPRING 2012  
 Study Abroad Administrative Fee Applies

DOMESTIC TRAVEL NREM 596B 1- 5 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 2606005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

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

SEMINAR NREM 600 1 CREDIT  
 3827005 ARRANGED  
 MEETS: JAN 9-MAY 4

RESEARCH NREM 699 1-12 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**NAVAL SCIENCE**

SEAPOWR&MARITME AFF N S 212 3 CREDITS  
 7303005 A TR 8:00-9:20  
 TR 4:10-5:30  
 R 4:10-5:00  
 MEETS: JAN 9-MAY 4

NAVIGATION N S 230 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 5708005 A TR 9:30-10:50  
 TR 4:10-5:30  
 R 4:10-5:00  
 MEETS: JAN 9-MAY 4

NAVAL SHIP SYSTM II N S 330 3 CREDITS  
 Prereq: PHYS 221, SOPHOMORE CLASSIFICATION  
 5707005 A MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

LEADERSHIP & ETHICS N S 412 3 CREDITS  
 Prereq: REQMTS FOR NROTC STUDENTS - N S 111,  
 N S 212 OR HIST 389, N S 220, N S 230, N S 320,  
 N S 330 AND N S 410  
 Note: COURSE RESTRICTED TO SENIOR MIDSHIPMEN  
 5560005 A MWF 10:00-10:50  
 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4

SENIOR N S SEMINAR N S 440 1 CREDIT  
 Prereq: SENIOR CLASSIFICATION  
 Satisfactory-Fail Only.  
 4061005 TR 4:10-5:30  
 R 4:10-5:00  
 MEETS: JAN 9-MAY 4

NAVAL SCIENCE (CONTINUED)

INDEPENDENT STUDY N S 490 1- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION AND PRIOR APPROVAL  
 OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL SCIENCE  
 Note: NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED  
 TOWARD GRADUATION  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV NEUROSCI TECHNQ NEURO 557 2 CREDITS  
 Prereq: 556  
 Note: Instructor permission required 1st week.  
 8552005 ARRANGED  
 MEETS: JAN 9-MAY 4

CURR TOPCS NEUROBIO NEURO 661 2- 3 CREDITS  
 Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR  
 8553005 ARRANGED  
 MEETS: JAN 9-MAY 4

NEUROSCI JOURNL CLB NEURO 690 1 CREDIT  
 Prereq: 556  
 8554005 ARRANGED  
 MEETS: JAN 9-MAY 4

NEUROSCIENCE SEMINR NEURO 696 1 CREDIT  
 Prereq: 556  
 8555005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

**NEUROSCIENCE**

**NUCLEAR ENGINEERING**

PRBLSTC RISK ASSESS NUC E 441 3 CREDITS  
 Prereq: STAT 305 OR EQUIVALENT  
 Note: Available for nonmajor graduate credit  
 9306005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

9306600 XE ARRANGED HEISING C  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: <http://www.eol.iastate.edu/support/7/support/help-central.html>

RADIATN DETECT,MEAS NUC E 461 3 CREDITS  
 Prereq: 401  
 Note: Available for nonmajor graduate credit  
 9307005 MW 9:00-9:50  
 R 12:10-3:00  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY NUC E 490 1- 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**NUTRITIONAL SCIENCES**

NUTRI BIOCHM&PHYSOL NUTRS 501 4 CREDITS  
 Prereq: 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  
 8364005 ARRANGED  
 MEETS: JAN 9-MAY 4

BIOL ADIPOSE TISSUE NUTRS 503 2 CREDITS  
 Prereq: UNDERGRADUATES: CONSENT OF INSTRUCTOR;  
 GRADUATES: NUTRS 501  
 8780005 ARRANGED  
 MEETS: JAN 9-MAY 4

NTR&EPGNIC GENE EXP NUTRS 504 1 CREDIT  
 Prereq: GRADUATE STANDING. UNDERGRADS MUST OBTAIN  
 CONSENT OF INSTRUCTOR.  
 4365005 ARRANGED  
 MEETS: JAN 9-MAY 4

DIGESTV PHYSL RUMIN NUTRS 520 3 CREDITS  
 Prereq: 501 OR AN S 419  
 3597005 1 TR 3:10-4:00  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 8628005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: JAN 10-FEB 9  
 Note: Materials and equipment use fee \$25.00

NUTRITIONAL SCIENCES (CONTINUED)

INTR PROTEIN TECHNQ NUTRS 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 8644005 TR 1:10-2:00 NOTT J  
 TR 2:10-4:00 NOTT J  
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS NUTRS 542C 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 8633005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: MARCH 27-APRIL 26

INTR PLNT TRNSFM TQ NUTRS 542D 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 8642005 WF 12:30-4:00  
 MEETS: FEB 1-APRIL 20

INTR METABLMCS TCNQ NUTRS 542F 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 9030005 M 1:10-4:00, ARRANGED  
 MEETS: FEB 6-APRIL 16  
 Note: Materials and equipment use fee \$25.00

INTRO GENOMIC TECNQ NUTRS 542G 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7494005 M 2:10-4:00  
 W 2:10-4:00  
 MEETS: MARCH 5-APRIL 2

MED NUTRI&DISEAS II NUTRS 564 3- 4 CREDITS  
 Prereq: FS HN 360, FS HN 461, OR NUTRS 561;  
 3 CREDITS IN PHYSIOLOGY AT 300 LEVEL OR ABOVE  
 Note: CREDIT FOR ONLY TWO OF THE FOLLOWING MAY BE  
 APPLIED TOWARD GRADUATION: DIET 560, NUTRS 561,  
 NUTRS 564  
 8567005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A OFFERED FOR 3 CREDITIS SPRING 2012.

MODERN VIEWS NUTRIT NUTRS 680 R CREDIT  
 7814005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPECIAL PROBLEMS NUTRS 690 VAR. CREDITS  
 6201415 SP ARRANGED SPURLOCK M  
 MEETS: JAN 9-MAY 4

RESRCH NUTRITNL SCI NUTRS 699 VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**ORGANIZATION FOR TROPICAL STUDIES**

ECO TROPICAL BIOLGY OTS 510 8 CREDITS  
 7535005 ARRANGED  
 MEETS: JAN 9-MAY 4

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS  
 7544005 ARRANGED  
 MEETS: JAN 9-MAY 4

**PERFORMING ARTS**

ISSUES PERFORM ARTS PERF 105 R CREDIT  
 Satisfactory-Fail Only.  
 3673005 R 4:10-5:30  
 MEETS: JAN 9-MAY 4

PERFORM ARTS INTERN PERF 310 R CREDIT  
 Satisfactory-Fail Only.  
 3677005 ARRANGED  
 MEETS: JAN 9-MAY 4

PERFRM ARTS SEMINAR PERF 401 2 CREDITS  
 Note: Available for nonmajor graduate credit  
 3706005 ARRANGED  
 MEETS: JAN 9-MAY 4

**PHILOSOPHY**

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS  
 5824005 A TR 9:30-10:50 ALEXANDER D  
 MEETS: JAN 9-MAY 4

5824010 B TR 2:10-3:30 KNIGHT G  
 MEETS: JAN 9-MAY 4

5824015 C TR 11:00-12:20 HOBSON K  
 MEETS: JAN 9-MAY 4

5824020 D TR 11:00-12:20 ALEXANDER D  
 MEETS: JAN 9-MAY 4

5824025 E TR 8:00-9:20 HOBSON K  
 MEETS: JAN 9-MAY 4

5824030 F M 6:30-9:00PM KNIGHT G  
 MEETS: JAN 9-MAY 4

5824035 G MWF 8:00-8:50 PADGETT-WALSH C  
 MEETS: JAN 9-MAY 4

PHILOSOPHY (CONTINUED)

INTR LOGIC&SCI REAS PHIL 206 3 CREDITS  
 5825005 MWF 11:00-11:50 BIGGS S  
 MEETS: JAN 9-MAY 4

INTR SYMBOLIC LOGIC PHIL 207 3 CREDITS  
 Note: Instructor permission required 1st week.  
 5826005 TR 9:30-10:50 BUTLER A  
 MEETS: JAN 9-MAY 4

MORAL THEOR&PRCTICE PHIL 230 3 CREDITS  
 5827005 A MWF 1:10-2:00 HOLMGREN M  
 MEETS: JAN 9-MAY 4

5827010 B MWF 3:10-4:00 HOLMGREN M  
 MEETS: JAN 9-MAY 4

5827015 C MWF 9:00-9:50 GEIRSSON H  
 MEETS: JAN 9-MAY 4

5827020 D MWF 10:00-10:50 GEIRSSON H  
 MEETS: JAN 9-MAY 4

5827025 E TR 9:30-10:50 BUTLER T  
 MEETS: JAN 9-MAY 4

5827030 F TR 8:00-9:20 PADGETT-WALSH K  
 MEETS: JAN 9-MAY 4

5827035 G TR 9:30-10:50 PADGETT-WALSH K  
 MEETS: JAN 9-MAY 4

5827040 J TR 11:00-12:20 BUTLER T  
 MEETS: JAN 9-MAY 4

5827045 K TR 2:10-3:30 HOBSON K  
 MEETS: JAN 9-MAY 4

5827050 L TR 11:00-12:20 KUPFER J  
 MEETS: JAN 9-MAY 4

ETH ISS DIVERSE SOC PHIL 235 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 4962005 A MWF 10:00-10:50 PADGETT-WALSH C  
 MEETS: JAN 9-MAY 4

4962010 B MWF 11:00-11:50 PADGETT-WALSH C  
 MEETS: JAN 9-MAY 4

17TH CENTURY PHILOS PHIL 314 3 CREDITS  
 Prereq: 201  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 5831005 TR 11:00-12:20 BUTLER A  
 MEETS: JAN 9-MAY 4

20TH C ANGLO-AM PHI PHIL 318 3 CREDITS  
 Prereq: 201  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 1825005 MWF 1:10-2:00 BIGGS S  
 MEETS: JAN 9-MAY 4

MORAL PROB MEDICINE PHIL 331 3 CREDITS  
 Prereq: 230 OR JUNIOR CLASSIFICATION  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 5835005 TR 9:30-10:50 KUPFER J  
 MEETS: JAN 9-MAY 4

PHILOSOPHY OF LAW PHIL 332 3 CREDITS  
 Prereq: 201 OR 230  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 5836005 MWF 11:00-11:50 HOLMGREN M  
 MEETS: JAN 9-MAY 4

SOC &POLITICAL PHIL PHIL 335 3 CREDITS  
 Prereq: 201 OR 230  
 Note: Available for nonmajor graduate credit  
 5837005 TR 12:40-2:00 SMITH T  
 MEETS: JAN 9-MAY 4

PHIL OF TECHNOLOGY PHIL 343 3 CREDITS  
 Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341  
 AND 3 CREDITS OF SOCIAL SCIENCE  
 Note: Available for nonmajor graduate credit  
 7343005 A TR 9:30-10:50 SMITH T  
 MEETS: JAN 9-MAY 4

7343010 B MWF 10:00-10:50 TSOU J  
 MEETS: JAN 9-MAY 4

7343015 C MWF 11:00-11:50 TSOU J  
 MEETS: JAN 9-MAY 4

PHILOS OF RELIGION PHIL 350 3 CREDITS  
 Prereq: 201  
 Note: Available for nonmajor graduate credit  
 5839600 XW M 6:00-9:00PM KNIGHT G  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$150.00

METAPHYSICS:MINDS&M PHIL 364 3 CREDITS  
 Prereq: 3 CREDITS IN PHILOSOPHY  
 Note: Available for nonmajor graduate credit  
 8110005 MWF 12:10-1:00 GEIRSSON H  
 MEETS: JAN 9-MAY 4

PHILOSOPHY (CONTINUED)

VALUE THEORY PHIL 430 3 CREDITS  
 Prereq: 230  
 Note: Available for nonmajor graduate credit  
 5842005 TR 12:40-2:00 PADGETT-WALSH K  
 MEETS: JAN 9-MAY 4

EPISTEMOL & METAPHYS PHIL 460 3 CREDITS  
 Prereq: 6 CR IN PHILOSOPHY  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 5844005 TR 2:10-3:30 ALEXANDER D  
 MEETS: JAN 9-MAY 4

PHILOSOPH OF PHYSICS PHIL 485 3 CREDITS  
 Prereq: 3 CREDITS IN PHILOSOPHY OR PHYSICS  
 Note: Available for nonmajor graduate credit  
 8048005 MW 4:10-5:30 DE LAPLANTE K  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY PHIL 490 1- 4 CREDITS  
 Prereq: 6 CREDITS IN PHIL, PERMISSION OF  
 INSTRUCTOR; APPROVAL OF CHAIR  
 Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHIL 490H 1- 4 CREDITS  
 Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTR,  
 APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE  
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO  
 UNIVERSITY HONORS STUDENTS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVEY PHIL 492 R CREDIT  
 Satisfactory-Fail Only.  
 3891005 ARRANGED  
 MEETS: JAN 9-MAY 4

BIOETHICS&PBLCLCY PHIL 537X 3 CREDITS  
 Prereq: GRADUATE STATUS OR INSTRUCTOR PERMISSION  
 Note: Available for nonmajor graduate credit  
 9516005 W 12:10-3:00 WOLF C  
 MEETS: JAN 9-MAY 4

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 5850005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 5851005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 Note: Instructor permission required.  
 5852005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS  
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL  
 5853005 ARRANGED  
 MEETS: JAN 9-MAY 4

PHYSICS

PHYS FOR NON-SCIENT PHYS 101 3 CREDITS  
 5855005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

GENERAL PHYSICS PHYS 111 4 CREDITS  
 Prereq: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF  
 GEOMETRY, 1 SEMESTER OF TRIGONOMETRY  
 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.  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 5857005 1 TR 9:30-10:50  
 F 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857010 2 TR 9:30-10:50  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857015 3 TR 9:30-10:50  
 F 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857020 4 TR 9:30-10:50  
 F 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857025 5 TR 9:30-10:50  
 F 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857030 6 TR 9:30-10:50  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

PHYSICS (CONTINUED)

GENERAL PHYSICS PHYS 111 4 CREDITS  
 5857035 7 TR 9:30-10:50  
 F 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857040 8 TR 9:30-10:50  
 F 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857041 10 TR 11:00-12:20  
 F 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857046 11 TR 11:00-12:20  
 F 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857047 12 TR 11:00-12:20  
 F 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857048 13 TR 11:00-12:20  
 F 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857049 14 TR 11:00-12:20  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857050 15 TR 11:00-12:20  
 F 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857051 16 TR 11:00-12:20  
 F 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857052 17 TR 11:00-12:20  
 F 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857054 A M 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857055 B M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857060 C M 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857065 D M 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857070 E M 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857075 F T 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857080 G W 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857085 H T 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857090 J T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857095 K T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857100 L W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857084 M W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857105 N W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857110 P W 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857115 Q R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857120 R W 7:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857125 T R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857130 U R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5857135 V R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

PHYSICS

(CONTINUED)

PHYSICS

(CONTINUED)

GENERAL PHYSICS PHYS 112 4 CREDITS  
 Prereq: 111  
 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.

5858005 1 MWF 12:10-1:00  
 R 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858010 2 MWF 12:10-1:00  
 R 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858015 3 MWF 12:10-1:00  
 R 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858020 4 MWF 12:10-1:00  
 R 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858025 5 MWF 12:10-1:00  
 R 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858030 6 MWF 12:10-1:00  
 R 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858035 7 MWF 12:10-1:00  
 R 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858038 8 MWF 12:10-1:00  
 R 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858039 9 MWF 12:10-1:00  
 R 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858042 A T 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858045 B T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858050 C T 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858055 D T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858060 E T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858065 F W 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858070 G W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858075 H W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858080 J W 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858085 K T 7:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5858090 L W 7:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

LAB PHYS FOR LF SCI PHYS 115L 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN 115X

9252005 1 R 8:00-9:50  
 MEETS: JAN 9-MAY 4

9252010 2 R 10:00-11:50  
 MEETS: JAN 9-MAY 4

9252015 3 R 12:10-2:00  
 MEETS: JAN 9-MAY 4

9252020 4 R 2:10-4:00  
 MEETS: JAN 9-MAY 4

9252025 5 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

9252030 6 F 8:00-9:50  
 MEETS: JAN 9-MAY 4

9252035 7 F 12:10-2:00  
 MEETS: JAN 9-MAY 4

9252040 8 F 2:10-4:00  
 MEETS: JAN 9-MAY 4

9252045 9 F 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

INTR CLASSCL PHYS I PHYS 221 5 CREDITS

Prereq: CREDIT OR ENROLLMENT IN MATH 166  
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SEC THEN LETTERED SEC. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED. DIS. MEETS EVERY TUES. & EVERY OTHER THURS. LAB DOES NOT MEET EVERY WEEK STUDENTS ENROLLED IN FALL 10 IN 221 MUST REGISTER FOR LAB SEC LW.  
 Night exams scheduled. For dates go to <http://www.registrar.iastate.edu/exams/nitexam.html>.

5861005 1 MWF 8:00-8:50  
 TR 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861010 2 MWF 8:00-8:50  
 TR 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 RESTRICTED TO PHYSICS MAJORS ONLY  
 Materials and professional support fee \$90.00

5861015 3 MWF 8:00-8:50  
 TR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861020 4 MWF 8:00-8:50  
 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861025 5 MWF 8:00-8:50  
 TR 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861030 6 MWF 8:00-8:50  
 TR 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861035 7 MWF 8:00-8:50  
 TR 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861040 8 MWF 8:00-8:50  
 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861045 9 MWF 8:00-8:50  
 TR 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861050 10 MWF 9:00-9:50  
 TR 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861055 11 MWF 9:00-9:50  
 TR 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861060 12 MWF 9:00-9:50  
 TR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861065 13 MWF 9:00-9:50  
 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 13 RESTRICTED TO PHYSICS MAJORS ONLY  
 Materials and professional support fee \$90.00

5861070 14 MWF 9:00-9:50  
 TR 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861075 15 MWF 9:00-9:50  
 TR 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861080 16 MWF 9:00-9:50  
 TR 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861085 17 MWF 9:00-9:50  
 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861087 18 MWF 9:00-9:50  
 TR 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861088 19 MWF 9:00-9:50  
 TR 5:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861090 20 MWF 10:00-10:50  
 TR 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861095 21 MWF 10:00-10:50  
 TR 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861100 22 MWF 10:00-10:50  
 TR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

5861105 23 MWF 10:00-10:50  
 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00



PHYSICS

(CONTINUED)

INTR CLASSCL PHYS I PHYS 221 5 CREDITS  
 5861110 24 MWF 10:00-10:50  
 TR 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861115 25 MWF 10:00-10:50  
 TR 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 25 RESTRICTED TO PHYSICS MAJORS ONLY  
 Materials and professional support fee \$90.00  
 5861120 26 MWF 10:00-10:50  
 TR 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861125 27 MWF 10:00-10:50  
 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861130 28 MWF 10:00-10:50  
 TR 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861135 29 MWF 10:00-10:50  
 TR 5:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861140 30 MWF 3:10-4:00  
 TR 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861145 31 MWF 3:10-4:00  
 TR 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861150 32 MWF 3:10-4:00  
 TR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861155 33 MWF 3:10-4:00  
 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861160 34 MWF 3:10-4:00  
 TR 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861165 35 MWF 3:10-4:00  
 TR 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861170 36 MWF 3:10-4:00  
 TR 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861175 37 MWF 3:10-4:00  
 TR 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861180 38 MWF 3:10-4:00  
 TR 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861185 39 MWF 3:10-4:00  
 TR 5:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861200 A T 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO PHYSICS MAJORS ONLY  
 Materials and professional support fee \$90.00  
 5861205 B W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC B RESTRICTED TO PHYSICS MAJORS ONLY  
 Materials and professional support fee \$90.00  
 5861210 C T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC C RESTRICTED TO PHYSICS MAJORS ONLY  
 Materials and professional support fee \$90.00  
 5861215 D F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861220 E T 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861225 F W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861230 G T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861235 J R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC J DOES NOT MEET DURING SAME WEEKS AS  
 THURS DISCUSSION, SO WHAT APPEARS AS A POTENTIAL  
 TIME CONFLICT IS NOT.  
 Materials and professional support fee \$90.00  
 5861240 K M 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861245 L T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861250 M M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

PHYSICS

(CONTINUED)

INTR CLASSCL PHYS I PHYS 221 5 CREDITS  
 5861255 N W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861260 P F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861265 Q W 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861270 R F 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861275 T R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC T DOES NOT MEET DURING SAME WEEKS AS  
 THURS DISCUSSION, SO WHAT APPEARS AS A POTENTIAL  
 TIME CONFLICT IS NOT.  
 Materials and professional support fee \$90.00  
 5861280 U W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861285 V R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC V DOES NOT MEET DURING SAME WEEKS AS  
 THURS DISCUSSION, SO WHAT APPEARS AS A POTENTIAL  
 TIME CONFLICT IS NOT.  
 Materials and professional support fee \$90.00  
 5861290 W W 7:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861300 X M 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861305 Y W 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861310 Z F 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861315 AA F 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861320 BB M 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861325 CC W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861330 DD M 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861335 EE W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861340 FF R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC FF DOES NOT MEET DURING SAME WEEKS AS  
 THURS DISCUSSION, SO WHAT APPEARS AS A POTENTIAL  
 TIME CONFLICT IS NOT.  
 Materials and professional support fee \$90.00  
 5861345 GG R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC GG DOES NOT MEET DURING SAME WEEKS AS  
 THURS DISCUSSION, SO WHAT APPEARS AS A POTENTIAL  
 TIME CONFLICT IS NOT.  
 Materials and professional support fee \$90.00  
 5861350 JJ W 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861360 KK T 7:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861365 LL F 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861355 LW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC LW ONLY FOR STUDENTS ENROLLED FALL 2008.  
 AFTER FINAL GRADES ARE RECORDED, STUDENTS ENROLLED IN  
 SECTION LW WILL BE CONTACTED BY THE PHYSICS  
 DEPARTMENT REGARDING PLACEMENT IN A LAB OR A LAB  
 WAIVER.  
 Materials and professional support fee \$90.00  
 5861370 MM M 7:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861375 NN F 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861380 PP W 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861385 QQ W 7:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5861390 RR R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC RR TO AVIOD CONFLICT DO NOT ENROLL IN A  
 RECITATION CLASS THAT MEETS AT THE SAME TIME ON  
 THURSDAY.  
 Materials and professional support fee \$90.00  
 5861395 TT R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC TT TO AVIOD CONFLICT DO NOT ENROLL IN A  
 RECITATION CLASS THAT MEETS AT THE SAME TIME ON

PHYSICS

(CONTINUED)

INTR CLASSCL PHYS I PHYS 221 5 CREDITS  
 THURSDAY.  
 Materials and professional support fee \$90.00  
 5861400 UU R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC UU TO AVIOD CONFLICT DO NOT ENROLL IN A  
 RECITATION CLASS THAT MEETS AT THE SAME TIME ON  
 THURSDAY.  
 Materials and professional support fee \$90.00  
 5861405 VV R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC VV TO AVIOD CONFLICT DO NOT ENROLL IN A  
 RECITATION CLASS THAT MEETS AT THE SAME TIME ON  
 THURSDAY.  
 Materials and professional support fee \$90.00

HONORS-CLASSIC PH I PHYS 221H 5 CREDITS  
 Prereq: CR OR ENROLLMENT IN MATH 166,  
 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 UNIV. HONORS STUDENTS ONLY.  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 5862005 1 MWF 8:00-8:50  
 TR 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5862010 2 MWF 9:00-9:50  
 TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5862015 3 MWF 10:00-10:50  
 TR 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5862050 A T 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5862055 B W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5862060 C T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

INTR CLASSC 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 OF THE COURSE WILL BE  
 DROPPED. STUDENTS ENROLLED FALL 2010 IN PHYS 222 MUST  
 REGISTER FOR LAB SECTION LW.  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 5863005 1 MWF 1:10-2:00  
 T 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863010 2 MWF 1:10-2:00  
 T 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863015 3 MWF 1:10-2:00  
 T 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863020 4 MWF 1:10-2:00  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863025 5 MWF 1:10-2:00  
 T 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863030 6 MWF 1:10-2:00  
 T 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863035 7 MWF 1:10-2:00  
 T 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863036 8 MWF 1:10-2:00  
 T 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863037 9 MWF 1:10-2:00  
 T 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863040 10 MWF 1:10-2:00  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863045 11 MWF 2:10-3:00  
 T 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863050 12 MWF 2:10-3:00  
 T 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 222 5 CREDITS  
 5863055 13 MWF 2:10-3:00  
 T 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863060 14 MWF 2:10-3:00  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863065 15 MWF 2:10-3:00  
 T 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863090 16 MWF 2:10-3:00  
 T 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863095 17 MWF 2:10-3:00  
 T 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863100 18 MWF 2:10-3:00  
 T 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 18 RESTRICTED TO PHYSICS MAJORS ONLY  
 Materials and professional support fee \$90.00  
 5863105 19 MWF 2:10-3:00  
 T 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863115 21 MWF 3:10-4:00  
 T 8:00-8:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863120 22 MWF 3:10-4:00  
 T 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863125 23 MWF 3:10-4:00  
 T 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863130 24 MWF 3:10-4:00  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863135 25 MWF 3:10-4:00  
 T 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863140 26 MWF 3:10-4:00  
 T 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863145 27 MWF 3:10-4:00  
 T 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863150 28 MWF 3:10-4:00  
 T 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863155 29 MWF 3:10-4:00  
 T 4:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863160 30 MWF 2:10-3:00  
 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863200 A R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863205 B W 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863215 C R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863220 D T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863225 E R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863230 F R 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863235 G F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863240 J T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863245 K W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863250 L T 8:00-9:50PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863255 M F 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00  
 5863260 N R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and professional support fee \$90.00

PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 222 5 CREDITS  
 5863265 P W 10:00-11:50  
 Note: Materials and professional support fee \$90.00  
 5863270 Q R 10:00-11:50  
 Note: Materials and professional support fee \$90.00  
 5863275 R F 12:10-2:00  
 Note: Materials and professional support fee \$90.00  
 5863280 T T 4:10-6:00PM  
 Note: Materials and professional support fee \$90.00  
 5863285 U W 4:10-6:00PM  
 Note: Materials and professional support fee \$90.00  
 5863290 V R 2:10-4:00  
 Note: SEC V RESTRICTED TO PHYSICS MAJORS ONLY  
 Materials and professional support fee \$90.00  
 5863295 W R 4:10-6:00PM  
 Note: Materials and professional support fee \$90.00  
 5863300 X T 12:10-2:00  
 Note: Materials and professional support fee \$90.00  
 5863305 Y F 8:00-9:50  
 Note: Materials and professional support fee \$90.00  
 5863310 Z W 12:10-2:00  
 Note: Materials and professional support fee \$90.00  
 5863315 AA R 2:10-4:00  
 Note: Materials and professional support fee \$90.00  
 5863320 BB F 10:00-11:50  
 Note: Materials and professional support fee \$90.00  
 5863345 LW ARRANGED  
 Note: SEC LW ONLY FOR STUDENTS ENROLLED FALL 2010.  
 AFTER FINAL GRADES ARE RECORDED, STUDENTS ENROLLED IN  
 SECTION LW WILL BE CONTACTED BY THE PHYSICS  
 DEPARTMENT REGARDING PLACEMENT IN A LAB OR A LAB  
 WAIVER.  
 Materials and professional support fee \$90.00

HONORS-CLASS PHY II PHYS 222H 5 CREDITS  
 Prereq: 221, MATH 166, 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 UNIV. HONORS STUDENTS ONLY.  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 5864005 1 MWF 2:10-3:00  
 T 3:10-4:00  
 Note: Materials and professional support fee \$90.00  
 5864050 A R 2:10-4:00  
 Note: Materials and professional support fee \$90.00

PRIN&SYMM CLS PH II PHYS 242 5 CREDITS  
 Prereq: 221, MATH 166 OR 166H; NON-PHYSICS MAJORS  
 MUST HAVE INSTRUCTOR PERMISSION  
 6011005 1 MWF 11:00-11:50  
 T 11:00-11:50  
 6011010 2 MWF 11:00-11:50  
 T 1:10-2:00  
 6011015 3 MWF 11:00-11:50  
 T 2:10-3:00  
 6011050 A R 4:10-6:00PM  
 6011055 B F 12:10-2:00  
 6011060 C F 2:10-4:00

PRIN&SYMM CLS PH II PHYS 242H 5 CREDITS  
 Prereq: 221, MATH 166 OR 166H; NON-PHYSICS MAJORS  
 MUST HAVE INSTRUCTOR PERMISSION; MEMBERSHIP IN  
 UNIVERSITY HONORS PROGRAM  
 9405005 1 MWF 11:00-11:50  
 T 11:00-11:50  
 9405010 2 MWF 11:00-11:50  
 T 1:10-2:00  
 9405015 3 MWF 11:00-11:50  
 T 2:10-3:00  
 9405050 A R 4:10-6:00PM  
 9405055 B F 12:10-2:00  
 9405060 C F 2:10-4:00

PHYSICS

(CONTINUED)

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

CHALLNG CONTEMP PHY PHYS 302 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: PHYS 302 MAY NOT BE APPLIED TOWARD GENERAL  
 PHYSICS GRADUATION REQUIREMENTS BY NATURAL SCIENCE  
 MAJORS  
 5869005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

INTERMEDIATE LAB PHYS 311 1- 2 CREDITS  
 Prereq: 322  
 Note: Available for nonmajor graduate credit  
 5872005 1 MW 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 5872010 2 TR 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

INTMED LAB FOR TCHR PHYS 311T 3 CREDITS  
 Prereq: 112 OR 222  
 5873005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTR MODERN PHYS II PHYS 322 3 CREDITS  
 Prereq: 321  
 5876005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

INTR MOD PHY LAB II PHYS 322L 1 CREDIT  
 Prereq: CR OR ENROLLMENT IN 322  
 5877005 1 T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 5877010 2 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 5877015 3 R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 5877020 4 M 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 5877025 5 T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 5877030 6 W 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

INTERMED MECHANICS PHYS 362 3 CREDITS  
 Prereq: 361  
 Note: Available for nonmajor graduate credit  
 5881005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

ELECT& MAGNETISM II PHYS 365 3 CREDITS  
 Prereq: 364  
 Note: Available for nonmajor graduate credit  
 5883005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

JUNIOR SEMINAR PHYS 389 R CREDIT  
 Satisfactory-Fail Only.  
 3647005 F 9:00-9:50  
 MEETS: JAN 9-MAY 4

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 5886005 ARRANGED  
 MEETS: JAN 9-MAY 4

MOLCLR&CELL BIOPHYS PHYS 432 3 CREDITS  
 Prereq: 304 OR CHEM 325  
 Note: Available for nonmajor graduate credit  
 8704005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

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

UNDERGRAD RESEARCH PHYS 450L 1- 6 CREDITS  
 Prereq: 311, PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPLIED PHYSICS LAB PHYS 470L 2- 5 CREDITS  
 Prereq: 322 AND PERMISSION OF INSTRUCTOR  
 3161005 ARRANGED  
 MEETS: JAN 9-MAY 4

QUANTUM MECHANCS II PHYS 481 3 CREDITS  
 Prereq: 480  
 Note: Available for nonmajor graduate credit  
 5891005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS  
 Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR  
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PHYSICS (CONTINUED)

PHYSICS (CONTINUED)

INDEP STUDY HONORS PHYS 490H 1- 4 CREDITS  
 Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE  
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO  
 UNIVERSITY HONORS STUDENTS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MODERN OPTICS PHYS 496 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 322,365,480  
 Note: Available for nonmajor graduate credit  
 5884005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

CONDENSED MATTER I PHYS 511 3 CREDITS  
 Prereq: 304, CREDIT OR ENROLLMENT IN 481  
 5896005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

PARTICLE&NUCLR PHYS PHYS 526 4 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 481  
 5905005 MWF 2:10-3:30  
 MEETS: JAN 9-MAY 4

STATISTICAL MECHANI PHYS 531 3 CREDITS  
 Prereq: 304 AND CREDIT OR ENROLLMENT IN 481,  
 MATH 465, CREDIT OR ENROLLMENT IN MATH 365 OR 426  
 5902005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

MOLCLR&CELL BIOPHYS PHYS 532 3 CREDITS  
 Prereq: 304 OR CHEM 325  
 8708005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

GROUP THEORY APPLIC PHYS 534 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 481  
 5098005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

PHYS SEMICOND DEVIC PHYS 536 3 CREDITS  
 Prereq: E E 535  
 5904005 MW 5:40-7:00PM  
 MEETS: JAN 9-MAY 4

COMPUTATIONAL PHYS PHYS 551 2 CREDITS  
 Prereq: 365, CREDIT OR ENROLLMENT IN 481  
 Satisfactory-Fail Only.  
 7651005 R 2:10-4:00  
 MEETS: JAN 9-MAY 4

ADV ELECT&MAGNET II PHYS 572 3 CREDITS  
 Prereq: 571  
 5909005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 5910005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOP COND MATTER PHYS 590B VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE OFFERED FOR 3 CREDITS  
 5911005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 5912005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 5913005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOPCS APPL PHYS PHYS 590E VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 5914005 ARRANGED  
 MEETS: JAN 9-MAY 4

QUANTUM PHYSICS II PHYS 592 4 CREDITS  
 Prereq: 591  
 5916005 MF 10:00-10:50  
 W 9:00-10:50  
 MEETS: JAN 9-MAY 4

CREATIVE COMPONENT PHYS 599 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

QUANT THRY C MATTER PHYS 611 3 CREDITS  
 Prereq: 512 AND 681 OR PERMISSION OF INSTRUCTOR  
 5918005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

PH STRONG INTERACTN PHYS 625 3 CREDITS  
 Prereq: 681  
 3150005 ARRANGED  
 MEETS: JAN 9-MAY 4

ELEMNTY PARTICLE I PHYS 637 3 CREDITS  
 Prereq: 526 AND 592  
 5921005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

ELEM PARTICLE PH II PHYS 638 3 CREDITS  
 Prereq: 637  
 5922005 ARRANGED  
 MEETS: JAN 9-MAY 4

MATH MODEL PHYSC SY PHYS 646 3 CREDITS  
 9102005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

ADV SEMINAR NUCLEAR PHYS 650A 1 CREDIT  
 Satisfactory-Fail Only.  
 5923005 W 4:10-5:00  
 MEETS: JAN 9-MAY 4

ADV SEM COND MATTER PHYS 650B 1 CREDIT  
 Satisfactory-Fail Only.  
 5924005 R 4:10-5:00  
 MEETS: JAN 9-MAY 4

ADV SEM HIGH ENERGY PHYS 650C 1 CREDIT  
 Satisfactory-Fail Only.  
 5925005 W 4:10-5:00  
 MEETS: JAN 9-MAY 4

ADV SEMINAR PHYSICS PHYS 650D 1 CREDIT  
 Satisfactory-Fail Only.  
 5926005 F 12:10-1:00  
 MEETS: JAN 9-MAY 4

ADV SEMINAR APPLIED PHYS 650E 1 CREDIT  
 Satisfactory-Fail Only.  
 5927005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOPICS NUCLEAR PHYS 660A 1- 3 CREDITS  
 5928005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOP COND MATTER PHYS 660B 1- 3 CREDITS  
 5929005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CREDITS  
 5930005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOPICS PHYSICS PHYS 660D 1- 3 CREDITS  
 5931005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOPICS APPLIED PHYS 660E 1- 3 CREDITS  
 5932005 ARRANGED  
 MEETS: JAN 9-MAY 4

QUANTUM FLD THRY II PHYS 682 3 CREDITS  
 Prereq: 681  
 5936005 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

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

PLANT BIOLOGY

RESEARCH SEMINAR PLBIO 696 1 CREDIT  
 Satisfactory-Fail Only.  
 8828005 W 4:10-5:30  
 MEETS: JAN 9-MAY 4

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

PLANT PATHOLOGY

PRIN OF PLANT PATH PL P 408 3 CREDITS  
 Prereq: 8 CREDITS IN LIFE SCIENCES, INCLUDING  
 BIOL 211  
 3898005 1 MW 11:00-11:50  
 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

3898010 2 MW 11:00-11:50  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

PLANT PATHOLOGY (CONTINUED)

POLITICAL SCIENCE (CONTINUED)

MGT DIS&PEST TGRASS PL P 452 3 CREDITS  
 Prereq: HORT 351  
 5312005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

BACT-PLANT INTERACT PL P 477 3 CREDITS  
 Prereq: 3 CREDITS IN MICROBIOL OR PLANT PATHOLOGY  
 5648005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

INDEP STDY PLT PATH PL P 490A 1- 3 CREDITS  
 Prereq: JR OR SR CLASSIFICATION, 7 CREDITS IN  
 BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE  
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
 FOR GRADUATION  
 3152005 ARRANGED  
 MEETS: JAN 9-MAY 4

HONORS INDEP STUDY PL P 490H 1- 3 CREDITS  
 Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL  
 SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM  
 Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE  
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED  
 FOR GRADUATION. RESTRICTED TO UNIV. HONORS STUDENTS.  
 3155005 ARRANGED  
 MEETS: JAN 9-MAY 4

PLANT-PATH INTERACT PL P 506 2 CREDITS  
 Prereq: 408 OR 416, BIOL 313  
 9645005 TR 9:00-9:50  
 MEETS: JAN 9-MAY 4

PRIN OF PLANT PATH PL P 508 3 CREDITS  
 Prereq: 8 CREDITS IN LIFE SCI, INCLUDING BIOL 211  
 3902005 1 MW 11:00-11:50  
 W 12:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 3902010 2 MW 11:00-11:50  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

MGT DIS&PEST TGRASS PL P 552 3 CREDITS  
 Prereq: HORT 351  
 5950005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

PRO PRCTC:RSPBL RES PL P 565A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 7866005 1 T 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 7866010 2 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

PRO PRCTCE:WRK INDU PL P 565B .5 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 7874005 ARRANGED  
 MEETS: JAN 9-MAY 4

BACT-PLANT INTERACT PL P 577 3 CREDITS  
 Prereq: 3 CREDITS IN MICRO OR PLANT PATHOLOGY  
 5649005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

SPECIAL TOPICS PL P 590 1- 3 CREDITS  
 Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION  
 5953005 ARRANGED  
 MEETS: JAN 9-MAY 4

COLLOQ IN PLANT PTH PL P 694 2 CREDITS  
 Prereq: 408 OR 416; PERMISSN OF INSTRUCTOR  
 5958005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEMINAR PL P 698 1 CREDIT  
 Satisfactory-Fail Only.  
 5959005 T 3:40-5:00  
 MEETS: JAN 9-MAY 4

THESIS&DIS RESEARCH PL P 699 VAR. CREDITS  
 5960005 ARRANGED  
 MEETS: JAN 9-MAY 4

**POLITICAL SCIENCE**

ORIENTATN POLIT SCI POL S 101 1 CREDIT  
 Prereq: POL S AND OPEN OPTION MAJORS ONLY OR  
 PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO POL S MAJORS ONLY  
 Satisfactory-Fail Only.  
 3912005 TR 11:00-11:50  
 MEETS: JAN 9-MARCH 2

INTR AMERIC GOVERN POL S 215 3 CREDITS  
 5961005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 5961010 B TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 5961015 C MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

INTRO ETHICS&POLTCS POL S 235 3 CREDITS  
 Prereq: SOPHOMORE STANDING  
 5715005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY  
 5715010 B MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN POL S.

INTR CMPAR GOVT&POL POL S 241 3 CREDITS  
 Note: Meets international perspectives reqmt  
 5963005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 5963010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

INTRO INTERNATL POL POL S 251 3 CREDITS  
 Note: Meets international perspectives reqmt  
 5964005 A MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 5964010 B TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

INTRO EMPIRCL RSRCH POL S 301 3 CREDITS  
 Prereq: 3 CREDITS IN POL S; ONE STAT COURSE  
 REQUIRED; SOPHOMORE CLASSIFICATION  
 5965005 A TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

PUB OPINION&VOT BHV POL S 306 3 CREDITS  
 Prereq: 6 CR IN POL S OR SOPH CLASSIFICATION  
 9242005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

SPL TOPCS AMER GOVT POL S 312 2 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: USE OF POL S 312,313,314,315 IN POL S MAJOR  
 AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
 UNDERGRAD STUDIES SECTION OF CATALOG FOR DETAILS.  
 8810005 A MWF 9:00-10:50  
 MEETS: JAN 9-MARCH 2  
 8810010 B MWF 9:00-10:50  
 MEETS: MARCH 5-MAY 4

SPL TOP INTL RELATN POL S 315 2 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: USE OF POL S 312,313,314,315 IN POL S MAJOR  
 AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
 UNDERGRAD STUDIES SECTION OF CATALOG FOR DETAILS.  
 Meets international perspectives reqmt  
 8813005 A MWF 3:10-5:00  
 MEETS: JAN 9-MARCH 2  
 Note: SEC A TOPIC: WAR & FILM EARLY YEARS  
 8813010 B MWF 3:10-5:00  
 MEETS: MARCH 5-MAY 4  
 Note: SEC B TOPIC: WAR & FILM LATE YEARS

LAW AND POLITICS POL S 319 3 CREDITS  
 Prereq: SOPHOMORE STANDING; 215 RECOMMENDED  
 Note: CREDIT FOR EITHER POL S 319 OR POL S 230, BUT  
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 3865005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.  
 3865010 B MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN POL S.

AMER JUDICIAL PROC POL S 320 3 CREDITS  
 Prereq: 215  
 5970005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.  
 5970010 B TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN POL S.

SCI,TEC&PUBLC POLCY POL S 335 3 CREDITS  
 7987005 A R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY  
 7987010 B R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN POL S

LATIN AM GOVT & POL POL S 343 3 CREDITS  
 5974005 1A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO POL S MAJORS ONLY  
 5974010 1B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B FOR MAJORS OTHER THAN POL S.

POLITICAL SCIENCE (CONTINUED)

POLITICAL SCIENCE (CONTINUED)

PUBLIC POLICY POL S 344 3 CREDITS  
 9243005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY  
 9243010 B MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN POL S

EUROPEAN POLITICS POL S 346 3 CREDITS  
 5976005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.  
 5976010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN POL S

THEOR INTL POLITICS POL S 356 3 CREDITS  
 7231005 A MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.  
 7231010 B MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN POL S.

ISSUES FOREIGN PLCY POL S 359 3 CREDITS  
 Prereq: 215, 251, OR 358  
 1006005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.  
 1006010 B TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN POL S.

AMER INSTI:CONGRESS POL S 360 3 CREDITS  
 Prereq: 215  
 5980005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.  
 5980010 B TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN POL S.

POLITICS AND FILM POL S 365X 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION, 3 CR IN POL S  
 3123005 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

INT'L POLIT ECONOMY POL S 381 3 CREDITS  
 1000005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO POL S MAJORS.  
 1000010 B TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN POL S.

ADV WRITING POL SCI POL S 395 R CREDIT  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN POL S 398 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION  
 COORDINATOR; JUNIOR CLASSIFICATION  
 4566005 ARRANGED  
 MEETS: JAN 9-MAY 4

CONSTITUTNL FREEDMS POL S 421 3 CREDITS  
 Prereq: 320 OR 420  
 Note: Available for nonmajor graduate credit  
 5989005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

ERLY MOD POL THOUGHT POL S 431 3 CREDITS  
 Prereq: 6 CR IN POL S, PHIL, OR EUROPEAN HIST  
 Note: Available for nonmajor graduate credit  
 5993005 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

PUBLIC CHOICE POL S 470 3 CREDITS  
 Prereq: ECON 101  
 Note: Available for nonmajor graduate credit  
 8904005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

MGMT PUBLIC SECTOR POL S 475 3 CREDITS  
 Prereq: 371  
 Note: Available for nonmajor graduate credit  
 6005005 R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 6005600 XW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE R 6-9 PM OR STUDENTS HAVE  
 THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

ETHICS&PUBLIC AFFAI POL S 480 3 CREDITS  
 Prereq: 6 CREDITS IN POLITICAL SCIENCE  
 Note: Available for nonmajor graduate credit  
 6008005 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 6008600 XW ARRANGED TUCKNESS A  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE T 6-9 PM OR STUDENTS HAVE  
 THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

COMPRTV PUBLIC ADMIN POL S 485 3 CREDITS  
 7248005 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4

ELECTRONC DEMOCRACY POL S 487 3 CREDITS  
 Prereq: SOPHOMORE STANDING OR INSTRUCTOR  
 APPROVAL  
 Note: Available for nonmajor graduate credit  
 6140600 XW ARRANGED SCHMIDT S  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

IND STUDY AMER GOVT POL S 490A VAR. CREDITS  
 Prereq: 6 CREDITS IN POLITICAL SCIENCE  
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY THRY&METHD POL S 490B VAR. CREDITS  
 Prereq: 6 CREDITS IN POLITICAL SCIENCE  
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490C VAR. CREDITS  
 Prereq: 6 CREDITS IN POLITICAL SCIENCE  
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CREDITS  
 Prereq: 6 CREDITS IN POLITICAL SCIENCE  
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY EXT CREDIT POL S 490E 1- 2 CREDITS  
 Prereq: 6 CREDITS IN POLITICAL SCIENCE  
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR POL S 490G VAR. CREDITS  
 Prereq: 6 CREDITS IN POLITICAL SCIENCE  
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CREDITS  
 Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG  
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE  
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S  
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE  
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491 3 CREDITS  
 Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND  
 PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

(CONTINUED)

COOPERATIVE EDUCATN POL S 498 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION  
 COORDINATOR; SENIOR CLASSIFICATION  
 4568005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

POL SCI INTERNSHIP POL S 499 VAR. CREDITS  
 Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR  
 CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR  
 Note: USE OF POL S 499 IN POL S MAJOR AND MINOR DEGREE  
 REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY  
 SECTION OF CATALOG FOR DETAILS.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROSEM COMPAR POLIT POL S 505 3 CREDITS  
 Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING  
 4638005 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

ERLY MOD POL THOGHT POL S 531 3 CREDITS  
 Prereq: 6 CR IN POL S, PHIL, OR EUROPEAN HISTORY  
 6025005 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

E-GOV'T&INFO POLICY POL S 533 3 CREDITS  
 9067005 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

INFO ASSUR LEGAL&ET POL S 534 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION, CPR E/INFAS 531  
 7329005 A W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 7329600 XW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE W 6-9 PM OR STUDENTS HAVE  
 THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

AMER POLIT INSTITUT POL S 560 3 CREDITS  
 Prereq: 6 CREDITS IN AMERICAN GOVERNMENT  
 9319005 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

POLIT&MGT NONPROFIT POL S 570 3 CREDITS  
 Prereq: GRADUATE CLASSIFICATION  
 3896005 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 3896600 XW ARRANGED SHAW K  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE T 6-9 PM OR STUDENTS HAVE  
 THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

PUBLIC FINANC&BDGT POL S 572 3 CREDITS  
 6034005 M 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 6034600 XW ARRANGED SHAW K  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE M 6-9 PM OR STUDENTS HAVE  
 THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

PUB PERSONNEL ADMIN POL S 573 3 CREDITS  
 6035005 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 6035600 XW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE W 6-9 PM OR STUDENTS HAVE  
 THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

MGMT PUBLIC SECTOR POL S 575 3 CREDITS  
 Prereq: 6 CREDITS IN POLITICAL SCIENCE  
 6037005 R 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 6037600 XW ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE R 6-9 PM OR STUDENTS HAVE  
 THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

ETHICS&PUBLIC AFFAI POL S 580 3 CREDITS  
 Prereq: 6 CREDITS IN POLITICAL SCIENCE  
 6040005 T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 6040600 XW ARRANGED TUCKNESS A  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE T 6-9 PM OR STUDENTS HAVE  
 THE OPTION TO VIEW LECTURES AT A LATER TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

POLITICAL SCIENCE

(CONTINUED)

COMPRTV PUBLI ADMIN POL S 585 3 CREDITS  
 Prereq: 6 HOURS OF POL S OR INSTRUCTOR PERMISSION  
 7245005 TR 4:10-5:30  
 MEETS: JAN 9-MAY 4

SPL TOP US P INSTIT POL S 590A 2- 5 CREDITS  
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PUBLIC LAW POL S 590B 2- 5 CREDITS  
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLIT THEORY POL S 590C 2- 5 CREDITS  
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPAR GOVT POL S 590D 2- 5 CREDITS  
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L RELAT POL S 590E 2- 5 CREDITS  
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POL PARTIES POL S 590F 2- 5 CREDITS  
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PUB POL&ADM POL S 590G 2- 5 CREDITS  
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INTERNSHIP POL S 590I 2- 5 CREDITS  
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TEACHG PREP POL S 590T 2- 5 CREDITS  
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN  
 Note: Instructor permission required 1st week.  
 6050005 ARRANGED  
 MEETS: JAN 9-MAY 4

PUBLIC ADMIN INTERN POL S 598 3- 6 CREDITS  
 Prereq: 15 CREDITS IN POL S, INSTRUCTR PERMISSION  
 4540005 ARRANGED  
 MEETS: JAN 9-MAY 4

CREATIVE COMPONENT POL S 599 VAR. CREDITS  
 Note: Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM AMER POLIT INST POL S 610A 3 CREDITS  
 Prereq: 15 CREDITS IN POLITICAL SCIENCE  
 Note: Instructor permission required 1st week.  
 6053005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEMINAR PUBLIC LAW POL S 610B 3 CREDITS  
 Prereq: 15 CREDITS IN POLITICAL SCIENCE  
 Note: Instructor permission required 1st week.  
 6054005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEM POLITICL THEORY POL S 610C 3 CREDITS  
 Prereq: 15 CREDITS IN POLITICAL SCIENCE  
 Note: Instructor permission required 1st week.  
 6055005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEM COMPARATVE GOVT POL S 610D 3 CREDITS  
 Prereq: 15 CREDITS IN POLITICAL SCIENCE  
 Note: Instructor permission required 1st week.  
 6056005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEM INT'L RELATIONS POL S 610E 3 CREDITS  
 Prereq: 15 CREDITS IN POLITICAL SCIENCE  
 Note: Instructor permission required 1st week.  
 6057005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEM POLICY PROCESS POL S 610F 3 CREDITS  
 Prereq: 15 CREDITS IN POLITICAL SCIENCE  
 6058005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEM PUB ADMIN&POLCY POL S 610G 3 CREDITS  
 Prereq: 15 CREDITS IN POLITICAL SCIENCE  
 Note: Instructor permission required 1st week.  
 6059005 ARRANGED  
 MEETS: JAN 9-MAY 4

POLITICAL SCIENCE

(CONTINUED)

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

**PSYCHOLOGY**

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 6069005 A TR 9:30-10:50 DARK V  
 MEETS: JAN 9-MAY 4  
 6069010 B TR 11:00-12:20 DARK V  
 MEETS: JAN 9-MAY 4

LAB INTRODUC PSYCH PSYCH 102 1 CREDIT  
 Prereq: CR OR ENROLLMENT IN 101  
 Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
 4786005 A T 1:10-3:00 SWING E  
 MEETS: JAN 9-MAY 4  
 4786010 B W 8:00-9:50 LAPAGLIA J  
 MEETS: JAN 9-MAY 4

ORIENTATN TO PSYCH PSYCH 111 .5 CREDIT  
 Satisfactory-Fail Only.  
 6068005 W 3:10-4:00 BROWN S  
 MEETS: JAN 9-MARCH 23

PSY LRN CMNTY SEMNR PSYCH 112 1 CREDIT  
 Prereq: PARTICIPATION IN FRESHMAN LEARNING  
 COMMUNITY  
 Satisfactory-Fail Only.  
 9388005 W 3:10-4:00 CUTRONA C  
 MEETS: JAN 9-MAY 4

ACAD LEARNNG SKILLS PSYCH 131 1 CREDIT  
 Satisfactory-Fail Only.  
 6071005 AA MW 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071010 AB MW 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071020 AC MW 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071025 AD TR 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071030 AE TR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071035 AF ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071040 AG ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071045 AH ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071100 BA MW 9:00-10:50  
 MEETS: JAN 9-MARCH 2  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071105 BB MW 1:10-3:00  
 MEETS: JAN 9-MARCH 2  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071110 BC TR 11:00-12:50  
 MEETS: JAN 9-MARCH 2  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071200 CA TR 11:00-12:50  
 MEETS: MARCH 5-MAY 4  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071205 CB TR 12:10-2:00  
 MEETS: MARCH 5-MAY 4  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071210 CC MW 1:10-3:00  
 MEETS: MARCH 5-MAY 4  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>  
 6071215 CD TR 2:10-4:00  
 MEETS: MARCH 5-MAY 4  
 Section info: <http://www.dso.iastate.edu/asc/psych131/>

DEVELOPMENTAL PSYCH PSYCH 230 3 CREDITS  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 6072005 A TR 8:00-9:20 PHILLIPS W  
 MEETS: JAN 9-MAY 4  
 6072010 B ARRANGED PHILLIPS W  
 MEETS: JAN 9-MAY 4  
 6072600 XW ARRANGED PHILLIPS W  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

PSYCHOLOGY

(CONTINUED)

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 6075005 A TR 12:40-2:00 COSTABILE K  
 MEETS: JAN 9-MAY 4  
 6075010 B TR 2:10-3:30 COSTABILE K  
 MEETS: JAN 9-MAY 4  
 6075600 XW ARRANGED MURRAY R  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

INTRO RESRCH EXPRNC PSYCH 291X 1- 4 CREDITS  
 Prereq: 101, SOPHOMORE CLASSIFICATION,  
 INSTRUCTOR PERMISSION  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES DSGN & METHODOL PSYCH 301 3 CREDITS  
 Prereq: STAT 101; 1 COURSE IN PSYCHOLOGY  
 Note: COURSE RESTRICTED TO PSYCH MAJORS. PSYCH MINORS  
 ARE ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD  
 SLIP IN W022 LAGOMARCINO HALL.  
 6076005 A TR 2:10-3:30 GUYLL M  
 MEETS: JAN 9-MAY 4  
 6076010 B MWF 2:10-3:00 COOPER E  
 MEETS: JAN 9-MAY 4

RESRCH METHODS PSYC PSYCH 302 3 CREDITS  
 Prereq: 301  
 Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
 1173005 A MW 10:00-11:50 BARLETT C  
 MEETS: JAN 9-MAY 4  
 1173010 B TR 12:10-2:00 BONETT R  
 MEETS: JAN 9-MAY 4  
 1173015 C MW 12:10-2:00 BARLETT C  
 MEETS: JAN 9-MAY 4

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS  
 Prereq: 101; BIOL 101, 155, OR 211  
 1515005 A1 TR 3:40-5:00 MORRIS A  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 1515010 A2 TR 3:40-5:00 MORRIS A  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

SENSATION & PERCEPTN PSYCH 312 3 CREDITS  
 Prereq: 101  
 6079005 A1 M 6:10-9:00PM COOPER E  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 6079010 A2 M 6:10-9:00PM COOPER E  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

LEARNING & MEMORY PSYCH 313 3 CREDITS  
 Prereq: 101  
 6080005 A1 MWF 10:00-10:50 CARPENTER S  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 6080010 A2 MWF 10:00-10:50 LAMAR P  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

MOTIVATION PSYCH 314 3 CREDITS  
 Prereq: 101  
 6081005 A1 MWF 10:00-10:50 SCHEEL K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 6081010 A2 MWF 10:00-10:50 SCHEEL K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS  
 Prereq: 101; BIOL 155 OR 211  
 6082005 A1 MWF 2:10-3:00 KAHL J  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 6082010 A2 MWF 2:10-3:00 KAHL J  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

COGNITIVE PROCESSES PSYCH 316 3 CREDITS  
 Prereq: 101  
 6083005 A1 TR 3:40-5:00 CHAN C  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 6083010 A2 TR 3:40-5:00 CHAN C  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

THINKING&DECISN MAK PSYCH 318 3 CREDITS  
 Prereq: 101; STAT 101 OR MATH 104 OR EQUIVALENT  
 8995005 A1 MWF 1:10-2:00 WEBER B  
 MEETS: JAN 9-MAY 4  
 8995010 A2 MWF 1:10-2:00 WEBER B  
 MEETS: JAN 9-MAY 4



PSYCHOLOGY

(CONTINUED)

EDUCATIONAL PSYCHOL PSYCH 333 3 CREDITS  
 Prereq: PSYCH 230 OR HD FS 102, MAJOR IN PSYCH  
 OR APPLICATION TO THE TEACHER ED PROGRAM  
 Note: COURSE RESTRICTED TO PSYCH, SEC ED MAJORS  
 4361005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

PSYCHOLOGY OF WOMEN PSYCH 346 3 CREDITS  
 Prereq: TWO COURSES IN PSYCH INCLUDING 101  
 Note: Meets U.S. diversity reqmt  
 6085005 A1 TR 12:40-2:00 SCHEEL K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 6085010 A2 TR 12:40-2:00 SCHEEL K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

U.S. LATINO/A PSYCH PSYCH 347 3 CREDITS  
 Prereq: TWO COURSES IN PSYCHOLOGY INCLUDING 101  
 Note: Meets U.S. diversity reqmt  
 9184005 A1 TR 2:10-3:30 PRIETO L  
 MEETS: JAN 9-MAY 4  
 9184010 A2 TR 2:10-3:30 PRIETO L  
 MEETS: JAN 9-MAY 4

PSYCHOL OF RELIGION PSYCH 348 3 CREDITS  
 Prereq: NINE CREDITS IN PSYCHOLOGY  
 7034005 A1 TR 2:10-3:30 WADE N  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.  
 7034010 A2 TR 2:10-3:30 WADE N  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

HUMN FACTORS IN TEC PSYCH 350 3 CREDITS  
 Prereq: 101, JUNIOR CLASSIFICATION  
 9227005 A1 TR 2:10-3:30 KELLY J  
 MEETS: JAN 9-MAY 4  
 9227010 A2 TR 2:10-3:30 KELLY J  
 MEETS: JAN 9-MAY 4

NORMAL PERSONALITY PSYCH 360 3 CREDITS  
 Prereq: 101  
 6087005 A1 MWF 1:10-2:00 KRIZAN Z  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 6087010 A2 MWF 1:10-2:00 KRIZAN Z  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

SMALL GROUP BEHAVR PSYCH 381 3 CREDITS  
 Prereq: 280 OR SOC 305  
 6088005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

PSYCHOLOGY AND LAW PSYCH 383 3 CREDITS  
 Prereq: 101 OR 280  
 9080005 A1 MWF 2:10-3:00 BEHNKEN M  
 MEETS: JAN 9-MAY 4  
 9080010 A2 MWF 2:10-3:00 BEHNKEN M  
 MEETS: JAN 9-MAY 4  
 9080015 A3 MWF 2:10-3:00 BEHNKEN M  
 MEETS: JAN 9-MAY 4

HISTORY OF PSYCHOLG PSYCH 401 3 CREDITS  
 Prereq: 4 COURSES IN PSYCH  
 Note: Available for nonmajor graduate credit  
 6089005 A1 TR 9:30-10:50 SCHEEL K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 6089010 A2 TR 9:30-10:50 SCHEEL K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

PSYCH OF LANGUAGE PSYCH 413 3 CREDITS  
 Prereq: 101  
 Note: Available for nonmajor graduate credit  
 6092005 A1 TR 12:40-2:00 MORRIS A  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.  
 6092010 A2 TR 12:40-2:00 MORRIS A  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

COUNSEL THEOR&TCHNQ PSYCH 422 3 CREDITS  
 Prereq: 3 COURSES IN PSYCH  
 Note: Available for nonmajor graduate credit  
 6093005 A1 TR 11:00-12:20 WEI M  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.  
 6093010 A2 TR 11:00-12:20 WEI M  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

LAB CONSL THR&TCHNQ PSYCH 422L 1 CREDIT  
 Prereq: CREDIT OR ENROLLEMT IN 422,  
 MAJOR OR MINOR IN PSYCHOLOGY  
 2844004 1 R 9:00-10:40  
 MEETS: JAN 9-MAY 4

PSYCHOLOGY

(CONTINUED)

PSYCH MEASUREMENT I PSYCH 440 3 CREDITS  
 Prereq: 301 AND 9 CR IN PSYCH, STAT 101  
 Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY  
 Available for nonmajor graduate credit  
 6099005 A M 12:10-2:00 ARMSTRONG P  
 F 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 6099010 B M 12:10-2:00 ARMSTRONG P  
 W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 6099015 C M 12:10-2:00 ARMSTRONG P  
 F 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 6099020 D M 12:10-2:00 ARMSTRONG P  
 W 8:00-9:50  
 MEETS: JAN 9-MAY 4

INDUSTRIAL PSYCHOLG PSYCH 450 3 CREDITS  
 Prereq: 2 COURSES IN PSYCH INCLUDING 101,  
 STAT 101  
 Note: Available for nonmajor graduate credit  
 6100005 A1 MW 3:10-4:30 HANISCH K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.  
 6100010 A2 MW 3:10-4:30 HANISCH K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

ABNORMAL PSYCHOLOGY PSYCH 460 3 CREDITS  
 Prereq: 3 COURSES IN PSYCH INCLUDING 101  
 Note: SEC A1, B1 RESTRICTED TO PSYCH MAJORS ONLY  
 SEC A2, B2 FOR MAJORS OTHER THAN PSYCH.  
 Available for nonmajor graduate credit  
 6102005 A1 TR 8:00-9:20 KONAR A  
 MEETS: JAN 9-MAY 4  
 6102010 A2 TR 8:00-9:20 KONAR A  
 MEETS: JAN 9-MAY 4  
 6102015 B1 MWF 11:00-11:50 SCOTT N  
 MEETS: JAN 9-MAY 4  
 6102020 B2 MWF 11:00-11:50 SCOTT N  
 MEETS: JAN 9-MAY 4

HUMAN AGGRESSION PSYCH 487 3 CREDITS  
 Prereq: 230; 301; 313, 316, OR 380  
 1438005 A1 TR 2:10-3:40 ANDERSON C  
 MEETS: JAN 9-MAY 4  
 1438010 A2 TR 2:10-3:40 ANDERSON C  
 MEETS: JAN 9-MAY 4

CULTURAL PSYCHOLOGY PSYCH 488 3 CREDITS  
 Prereq: 280 AND 301; JUNIOR CLASSIFICATION  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 5698005 A1 W 3:10-6:00PM CROSS S  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 5698010 A2 W 3:10-6:00PM CROSS S  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

INDEPENDENT STUDY PSYCH 490 1- 3 CREDITS  
 Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN  
 Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE  
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PSYCH 490H 1- 3 CREDITS  
 Prereq: JR CLASSIFCATN, 6 CR IN PSYCH, INSTRUCTOR  
 PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: NO MORE THAN 9 CREDITS OF 490 MAY BE APPLIED  
 TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO  
 UNIVERSITY HONORS STUDENTS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM PSYCH 491 VAR. CREDITS  
 Prereq: JR CLASSIFICATION, INSTR PERMISSION,  
 CREDIT OR ENROLLMENT IN 301  
 Note: NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE  
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FIELDWORK PRACTICUM PSYCH 492 VAR. CREDITS  
 Prereq: JR CLASSIFICATION, 12 CR IN PSYCH,  
 PERMISSION OF INSTRUCTOR  
 Note: NO MORE THAN 9 CREDITS OF PSYCH 492 MAY BE  
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES METHD APPL PSYC PSYCH 508 3 CREDITS  
 Prereq: 440, STAT 401  
 6110005 TR 9:30-10:45 LARSON L  
 MEETS: JAN 9-MAY 4

METHDS HUMAN&CMPUTR PSYCH 522 3 CREDITS  
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT  
 7051600 XE ARRANGED COSTABILE K  
 MEETS: JAN 9-MAY 4  
 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  
 Delivery fee \$300.00  
 Cmptr reqmt: [http://www.eol.iastate.edu/support  
 /support/help-central.html](http://www.eol.iastate.edu/support/support/help-central.html)

PSYCHOLOGY (CONTINUED)

EDUC PSYCH LEARNING PSYCH 533 3 CREDITS  
 Prereq: C I 333 OR TEACHER LICENSURE  
 6118005 1 T 4:30-7:00PM  
 MEETS: JAN 9-MAY 4

ADV PERSONALITY PSY PSYCH 560 3 CREDITS  
 Prereq: 4 COURSES IN PSYCH, INCLUDING 360  
 6128005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

PSYCHOPHNL&BEH DEVI PSYCH 561 3 CREDITS  
 Prereq: 460  
 6129005 TR 11:00-12:20 SCOTT N  
 MEETS: JAN 9-MAY 4

SPCL TOP COUNSELING PSYCH 590A VAR. CREDITS  
 Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC COGNITIVE PSYCH 590Q VAR. CREDITS  
 Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS SOCIAL PSYCH 590R VAR. CREDITS  
 Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GENERAL PSYCH 590Z VAR. CREDITS  
 Prereq: 12 HOURS IN PSYCH, INSTRUCTOR PERMISSION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COUNSELING PSYCH 592A 1- 3 CREDITS  
 Prereq: 12 HOURS IN PSYCHOLOGY OR GRAD CLASSIFCTN  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012.  
 7324005 A F 9:00-11:50 ARMSTRONG P  
 MEETS: JAN 9-MAY 4

SEMINAR COGNITIVE PSYCH 592Q 1- 3 CREDITS  
 Prereq: 12 HOURS IN PSYCHOLOGY OR GRAD CLASSIFCTN  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012.  
 7350005 W 5:10-8:00PM WEST R  
 MEETS: JAN 9-MAY 4

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT  
 Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF  
 INSTRUCTOR  
 7659005 ARRANGED  
 MEETS: JAN 9-MAY 4

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TEACHING OF PSYCH PSYCH 633 3 CREDITS  
 Prereq: ENROLLMENT IN DOCTORAL DEGREE PROGRAM IN  
 PSYCH, COMPLETION OF AT LEAST ONE YEAR OF GRAD  
 STUDY, PERMISSION OF INSTRUCTOR  
 6156005 R 9:00-11:50 BONETT R  
 MEETS: JAN 9-MAY 4

PRACTCM BEG COUNSEL PSYCH 691A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACT INTMD COUNSEL PSYCH 691B VAR. CREDITS  
 Prereq: 691A, PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACT GROUP COUNSEL PSYCH 691G VAR. CREDITS  
 Prereq: 626, 691A, PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING PSYCH 691T VAR. CREDITS  
 Prereq: 633, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEMNR COGNITV PSYCH 692Q 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2012.  
 7667005 W 12:10-1:00 WEST R  
 MEETS: JAN 9-MAY 4

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2012.  
 9085005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTERN COUNSELING PSYCH 697 R CREDIT  
 Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH  
 PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN  
 6182005 ARRANGED VOGEL D  
 MEETS: JAN 9-MAY 4

PSYCHOLOGY (CONTINUED)

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

**RELIGIOUS STUDIES**

INTRO WRLD RELIGION RELIG 205 3 CREDITS  
 Note: Meets international perspectives reqmt  
 6109005 A MWF 11:00-11:50 NORTHWAY E  
 MEETS: JAN 9-MAY 4

6109010 B TR 9:30-10:50 CHASE C  
 MEETS: JAN 9-MAY 4

6109015 C TR 11:00-12:20 CHASE C  
 MEETS: JAN 9-MAY 4

6109020 D TR 12:40-2:00 CHILCOTT T  
 MEETS: JAN 9-MAY 4

6109025 E TR 11:00-12:20 BADO-FRALICK N  
 MEETS: JAN 9-MAY 4

6109030 F TR 12:40-2:00 QU H  
 MEETS: JAN 9-MAY 4

RELIGION IN AMERICA RELIG 210 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 6188005 A MWF 12:10-1:00 NORTHWAY E  
 MEETS: JAN 9-MAY 4

6188010 B MWF 9:00-9:50 ESLINGER B  
 MEETS: JAN 9-MAY 4

6188015 C MWF 10:00-10:50 ESLINGER B  
 MEETS: JAN 9-MAY 4

6188020 D MWF 12:10-1:00 ESLINGER B  
 MEETS: JAN 9-MAY 4

6188025 E MWF 2:10-3:00 NORTHWAY E  
 MEETS: JAN 9-MAY 4

NEW TESTAMENT RELIG 322 3 CREDITS  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 6195005 MWF 3:10-4:00 AVALOS H  
 MEETS: JAN 9-MAY 4

CHRISTIANITY&SCIENC RELIG 324 3 CREDITS  
 Prereq: 205 OR 210; BIOL 101 OR 173 (OR HIGHER)  
 Note: Available for nonmajor graduate credit  
 2458005 TR 12:40-2:00 CLIFFORD A  
 MEETS: JAN 9-MAY 4

AFRI AMER RELIG EXP RELIG 334 3 CREDITS  
 Prereq: PRIOR COURSE WORK IN RELIG OR AF AM  
 RECOMMENDED  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 8636005 TR 12:40-2:00 CHASE C  
 MEETS: JAN 9-MAY 4

MAGIC,WITHC&RELIG RELIG 340 3 CREDITS  
 Prereq: ANTHR 201 OR 306  
 Note: Meets international perspectives reqmt  
 6198005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

PSYCHOL OF RELIGION RELIG 348 3 CREDITS  
 Prereq: NINE CREDITS IN PSYCHOLOGY  
 7036005 A1 TR 2:10-3:30 WADE N  
 MEETS: JAN 9-MAY 4

Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.  
 7036010 A2 TR 2:10-3:30 WADE N  
 MEETS: JAN 9-MAY 4

Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

PHILOS OF RELIGION RELIG 350 3 CREDITS  
 Prereq: PHIL 201  
 Note: Available for nonmajor graduate credit  
 6199600 XW M 6:00-9:00PM KNIGHT G  
 MEETS: JAN 9-MAY 4

Note: Section XW is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$150.00

RELIG TRADITN INDIA RELIG 352 3 CREDITS  
 Prereq: PRIOR CRSE WORK IN ASIAN, ASIAN-AMERICAN  
 OR RELIGIOUS STUDIES OR ANTHROPOLOGY REQUIRED  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 1436005 TR 11:00-12:20 CHILCOTT T  
 MEETS: JAN 9-MAY 4

INTRODUCTN TO ISLAM RELIG 358 3 CREDITS  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 3332005 TR 11:00-12:30 QU H  
 MEETS: JAN 9-MAY 4

CATHLIC SOC THOUGHT RELIG 380 3 CREDITS  
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE  
 Available for nonmajor graduate credit  
 8994005 TR 9:30-10:50 CLIFFORD A  
 MEETS: JAN 9-MAY 4

RELIGIOUS STUDIES

(CONTINUED)

THEORY&METHD R STDI RELIG 385 3 CREDITS  
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES OR  
 PERMISSION OF INSTRUCTOR  
 Note: Available for nonmajor graduate credit  
 6259005 TR 2:10-3:30 BADO-FRALICK N  
 MEETS: JAN 9-MAY 4

SEM:ISS STUDY RELIG RELIG 475 3 CREDITS  
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.  
 6204005 M 4:10-6:30PM AVALOS H  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY RELIG 490 1- 3 CREDITS  
 Prereq: 6 CR IN RELIGIOUS STUDIES; PERMISSION  
 OF INSTRUCTOR; APPROVAL OF DEPT CHAIR  
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS RELIG 490H 1- 3 CREDITS  
 Prereq: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR,  
 APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,  
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE  
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO  
 UNIVERSITY HONORS STUDENTS ONLY.  
 Instructor permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PEACE&JUSTIC INTERN RELIG 499 1- 6 CREDITS  
 Prereq: 3 CREDITS IN RELIGIOUS STUDIES,  
 PERMISSION OF FACULTY INTERNSHIP COORDINATOR  
 Satisfactory-Fail Only.  
 7740005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

SPL TOP RELIG STUDI RELIG 590 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG  
 3617005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 3617030 SD ARRANGED DEW S  
 MEETS: JAN 9-MAY 4

**RESEARCH & EVALUATION**

INTRO EDUC RESEARCH RESEV 550 3 CREDITS  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.  
 6211005 1 M 5:30-8:20PM ZHANG Y  
 MEETS: JAN 9-MAY 4

6211600 XW ARRANGED DRAKE S  
 MEETS: JAN 9-MARCH 1  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$50.00

INTMED EDUC STATIST RESEV 553 3 CREDITS  
 Prereq: 552 OR STAT 401  
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.  
 MUST CONTACT DEPARTMENT AT 294-1241.  
 7684005 1 M 5:00-8:00PM MCGILL M  
 MEETS: JAN 9-MAY 4

7684600 XA RF 9:30-3:00 STAROBIN S  
 MEETS: JAN 19-MARCH 2  
 Note: Section XA is off campus  
 Course delivery is On-site instruction  
 Secondary delivery is WWW  
 Delivery fee \$50.00

SPECIAL TOPICS RESEV 590 1- 3 CREDITS  
 Prereq: GRADUATE STANDING  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPRVSD FIELD EXPER RESEV 591X 2- 4 CREDITS  
 Prereq: 553 OR 680  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESS&EVAL RESEV 597 3 CREDITS  
 Prereq: 550  
 Note: COURSE RESTRICTED TO COLLEGE OF HUMAN SCIENCES  
 GRADUATE STUDENTS.  
 6218005 1 T 9:00-11:50 GANSEMER-TOPF A  
 MEETS: JAN 9-MAY 4

6218010 2 M 5:30-8:20PM  
 MEETS: JAN 9-MAY 4

6218600 XA RF 9:00-4:00 DRAKE S  
 MEETS: MARCH 8-APRIL 6  
 Note: CONTACT JUDY WEILLAND FOR PERMISSION TO REGISTER  
 AT 515-294-1241/JWEILLAND@IASTATE.EDU.  
 Department permission required.  
 Section XA is off campus  
 Course delivery is On-site instruction  
 Secondary delivery is WWW  
 Delivery fee \$50.00

RESEARCH & EVALUATION

(CONTINUED)

CRIT ISS QLTV INQUI RESEV 680 3 CREDITS  
 Prereq: 580  
 4564005 W 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

ADV SPECIAL TOPICS RESEV 690 1- 3 CREDITS  
 Prereq: GRADUATE STANDING  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RESEV 699 VAR. CREDITS  
 Prereq: GRADUATE STANDING  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**RUSSIAN**

ELEM RUSSIAN II RUS 102 4 CREDITS  
 Prereq: 101  
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH  
 SCHOOL RUS MAY NOT ENROLL IN 102. STUDENTS WHO HAVE  
 COMPLETED MORE THAN 1 YR BUT LESS THAN 3 YRS OF H.S.  
 RUSSIAN ARE REQUIRED TO TAKE 1ST YEAR TESTOUT EXAM.  
 Meets international perspectives reqmt  
 6226005 1 MTWR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

6226010 2 MTWR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

INTERMED RUSSIAN II RUS 202 4 CREDITS  
 Prereq: 201  
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED  
 Meets international perspectives reqmt  
 6229005 1 MTWR 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

RUSSN FILM STU ENGL RUS 378 3 CREDITS  
 Note: TOPIC: MASTERPIECES OF RUSSIAN CINEMA  
 Meets international perspectives reqmt  
 5090005 1 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

INDEPENDENT STUDY RUS 490 1- 6 CREDITS  
 Prereq: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR  
 Note: NO MORE THAN 9 CREDITS IN RUS 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 Permission of department chair required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN INTERNSHIP RUS 499 1- 3 CREDITS  
 Prereq: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL;  
 PERMISSION OF ADVISER AND WORLD LANGUAGES AND  
 CULTURES INTERNSHIP COORDINATOR  
 Note: NO MORE THAN 3 CREDITS IN RUS 499 MAY BE  
 APPLIED TOWARD GRADUATION IN THE MAJOR  
 Department permission required.  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**SEED TECHNOLOGY AND BUSINESS**

SEED QUAL,PRODU MGT STB 595 3 CREDITS  
 Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS  
 MASTER'S DEGREE PROGRAM OR APPROVAL OF THE INSTRUCTOR  
 3194600 XW ARRANGED MUNKVOLD G  
 MEETS: JAN 9-MAY 4  
 Note: COURSE RESTRICTED TO STB MAJORS. ALL OTHER MAJORS  
 CONTACT INSTRUCTOR FOR PERMISSION--GARY MUNKVOLD AT  
 515-294-7560/MUNKVOLD@IASTATE.EDU.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$876.00  
 Tuition Category: Seed Tech & Bus

CREATIVE COMPONENT STB 599 3- 4 CREDITS  
 Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS  
 MASTER'S DEGREE PROGRAM AND PERMISSION OF INSTRUCTOR  
 3239600 XA ARRANGED MUNKVOLD G  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT GARY MUNKVOLD FOR PERMISSION TO REGISTER  
 AT 515-294-7560/MUNKVOLD@IASTATE.EDU.  
 Instructor permission required.  
 Section XA is off campus  
 Course delivery is On-site instruction  
 Tuition Category: Seed Tech & Bus

**SOCIOLOGY**

SOCIOLOGY ORIENTATN SOC 115 R CREDIT  
 Satisfactory-Fail Only.  
 6345005 A MW 9:00-9:50  
 MEETS: JAN 9-MARCH 2

SOCIOLOGY (CONTINUED)

SOCIOLOGY (CONTINUED)

RURAL INSTIT&ORGANZ SOC 130 3 CREDITS  
 Note: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 6319005 1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

INTRO TO SOCIOLOGY SOC 134 3 CREDITS  
 Note: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.  
 6346005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 6346010 2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 6346015 3 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 6346600 XW ARRANGED KRIER D  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

INTIMATE RELATNSHIP SOC 219 3 CREDITS  
 Prereq: 130 OR 134  
 6349005 A MWF 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6349010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

GLOBLIZTN &SUSTAINB SOC 220 3 CREDITS  
 Note: Meets international perspectives reqmt  
 3847005 1 MW 2:10-3:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4

SOCIAL PROBLEMS SOC 235 3 CREDITS  
 Prereq: 130 OR 134  
 Note: Meets U.S. diversity reqmt  
 6347005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

ADV RESEARCH METHDS SOC 302 3 CREDITS  
 Prereq: 130 OR 134; CREDIT OR ENROLLMENT IN STAT 101  
 Note: COURSE RESTRICTED TO SOC, P S A, CJ ST MAJORS STUDENTS WHO HAVE PREVIOUSLY TAKEN SOC 202 WILL NOT RECIEVE CREDIT FOR SOC 302.  
 6354005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 6354010 B MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

SOC PSYCH:SOC PERSP SOC 305 3 CREDITS  
 Prereq: 130 OR 134  
 Note: SEC A1,B1 ETC RESTRICTED TO SOC, P S A MAJORS ONLY. SEC A2,B2 ETC FOR ALL OTHER MAJORS.  
 6355005 A1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 6355010 A2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 6355015 B1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 6355020 B2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 6355025 C1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 6355030 C2 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

COMMUNITY SOC 310 3 CREDITS  
 Prereq: 130 OR 134  
 6321005 A TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

TRANSITION IN AGRIC SOC 325 3 CREDITS  
 Prereq: 130 OR 134 OR PERMISSION OF INSTRUCTOR  
 6322005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

SEX&GENDER IN SOCIE SOC 327 3 CREDITS  
 Prereq: 130 OR 134  
 Note: SEC A1,B1 RESTRICTED TO SOC, P S A, W S. SEC A2,B2 FOR MAJORS OTHER THAN SOC, P S A, W S. Meets U.S. diversity reqmt  
 6356005 A1 T 4:10-7:00PM  
 MEETS: JAN 9-MAY 4  
 6356010 A2 T 4:10-7:00PM  
 MEETS: JAN 9-MAY 4  
 6356015 B1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 6356020 B2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

MASCULINIT &MANHOOD SOC 328 3 CREDITS  
 Prereq: 130, 134, OR W S 201  
 Note: Meets U.S. diversity reqmt  
 2242005 A1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY  
 2242010 A2 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN SOC, P S A

ETHNIC&RACE RELATNS SOC 330 3 CREDITS  
 Prereq: 130 OR 134  
 Note: SEC A1, B1 RESTRICTED TO SOC, P S A MAJORS ONLY. SEC A2, B2 FOR MAJORS OTHER THAN SOC, P S A. Meets U.S. diversity reqmt  
 6352005 A1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 6352010 A2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 6352015 B1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 6352020 B2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

SOC CLASS & INEQUAL SOC 331 3 CREDITS  
 Prereq: 130 OR 134  
 Note: SEC A1,B1,C1 RESTRICTED TO SOC, P S A MAJORS ONLY SEC A2,B2,C2 FOR MAJORS OTHER THAN SOC, P S A. Meets U.S. diversity reqmt  
 6357005 A1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 6357010 A2 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 6357015 B1 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 6357020 B2 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

LATINO EXP IN U.S. SOC 332 3 CREDITS  
 Prereq: 130 OR 134  
 Note: Meets U.S. diversity reqmt  
 1669005 A TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

DEVIANT &CRIM BEHAV SOC 340 3 CREDITS  
 Prereq: 130 OR 134  
 6358005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

CRIMINOLOGY SOC 341 3 CREDITS  
 Prereq: 130 OR 134  
 4718005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

POLICE AND SOCIETY SOC 351 3 CREDITS  
 Prereq: 241 OR CJ ST 240  
 7743005 T 5:10-8:00PM  
 MEETS: JAN 9-MAY 4

PNISH,CORECTN&SOCIE SOC 352 3 CREDITS  
 Prereq: 241 OR CJ ST 240  
 7760005 A TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

SOCIOLOGY OF WORK SOC 380 3 CREDITS  
 Prereq: 130 OR 134  
 Note: SEC A1 RESTRICTED TO SOC MAJORS. SEC A2 RESTRICTED TO MAJORS OTHER THAN SOC. SEC A3 RESTRICTED TO PSA MAJORS.  
 6362005 A1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 6362010 A2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 6362015 A3 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

SMALL GROUP BEHAVR SOC 381 3 CREDITS  
 Prereq: SOC 305 OR PSYCH 280  
 6363005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

ENVIRONMENTL SOCIOL SOC 382 3 CREDITS  
 Prereq: 130, 134 OR 3 CREDITS OF ENV S  
 7713005 A1 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY  
 7713010 A2 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN SOC, P S A

CONTEM SOC THEORIES SOC 401 3 CREDITS  
 Prereq: 9 CREDITS IN SOC  
 Note: Available for nonmajor graduate credit  
 6365005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6365010 B MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

WHITE-COLLAR CRIME SOC 402 3 CREDITS  
 Prereq: 241 OR CJ ST 240  
 8478005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

SOC CHNGE DEV CNTRI SOC 411 3 CREDITS  
 Prereq: 130 OR 134 PLUS 3 CR IN SOC SCIENCES  
 Note: Meets international perspectives reqmt Available for nonmajor graduate credit  
 6323005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

SOCIOLOGY (CONTINUED)

DYNAM OF SOC CHANGE SOC 415 3 CREDITS  
 Prereq: 130 OR 134 PLUS 3 CR IN SOCIAL SCIENCES  
 Note: CREDIT FOR EITHER SOC 415 OR SOC 515, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Available for nonmajor graduate credit  
 6324005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

URBAN SOCIETY SOC 435 3 CREDITS  
 Prereq: 130 OR 134 PLUS 3 CR IN SOCIAL SCIENCES  
 6368004 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS  
 Prereq: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST MINOR  
 Note: NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE (SOC 454 & 460) MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN SOC 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.  
 Satisfactory-Fail Only.  
 6370005 ARRANGED  
 MEETS: JAN 9-MAY 4

COMM ACTION & LDRSHIP SOC 464 3 CREDITS  
 Prereq: 6 CREDITS IN SOC  
 6327005 A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

SOC OF THE FAMILY SOC 485 3 CREDITS  
 Prereq: 6 CREDITS IN SOC  
 6375005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

INDEP STUDY GEN SOC SOC 490A 1- 3 CREDITS  
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR  
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF SOC 490 TOWARD GRADUATION.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC SOC 490B 1- 3 CREDITS  
 Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION  
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF SOC 490 TOWARD GRADUATION.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS SOC 490H 1- 3 CREDITS  
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF SOC 490 TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CLASSICL SOC THEORY SOC 506 3 CREDITS  
 Prereq: 401 OR 505  
 4924005 A MW 2:10-3:30  
 MEETS: JAN 9-MAY 4

SOC SCI RES MTHDLGY SOC 511 3 CREDITS  
 Prereq: 302, STAT 401  
 6379005 A1 T 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 FOR SOC MAJORS ONLY  
 6379010 A2 T 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN SOC

SEMN SOC INEQU:RACE SOC 527A 3 CREDITS  
 Prereq: 6 CREDITS IN SOC  
 6388005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

SOC OF ECONOMIC LIFE SOC 550 3 CREDITS  
 Prereq: 6 CREDITS IN SOC  
 7365005 T 2:10-5:00  
 MEETS: JAN 9-MAY 4

SPCL TOPICS GEN SOC SOC 590A 1- 3 CREDITS  
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS RURAL SOC SOC 590B 1- 3 CREDITS  
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SOCIOLOGY (CONTINUED)

MASTERS RES GEN SOC SOC 599A 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CONSTR&CAUSAL MODEL SOC 613 3 CREDITS  
 Prereq: 512 & STAT 404  
 6341005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

RESEARCH GENERAL SOC SOC 699A 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC SOC 699B 1- 8 CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE ENGINEERING

SOFTWR ENGR CAREERS S E 166 R CREDIT  
 7290005 R 12:40-2:00  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUCATN S E 298 R CREDIT  
 Prereq: PERMISSION OF DEPT AND CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SFTWR ARCHITC&DSIGN S E 339 3 CREDITS  
 Prereq: 319  
 Note: Available for nonmajor graduate credit  
 7259005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

SOFTWR ENGR INTERN S E 397 R CREDIT  
 Prereq: PERMISSION OF DEPT AND CAREER SERVICES  
 7300005 ARRANGED  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUCATN S E 398 R CREDIT  
 Prereq: 298, PERMISSION OF DEPT & CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE TESTING S E 417 3 CREDITS  
 Prereq: COM S 309, 319  
 Note: Available for nonmajor graduate credit  
 7221005 TR 12:40-2:00 MITRA S  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY S E 490 VAR. CREDITS  
 Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SR DESIGN PROJECT I S E 491 3 CREDITS  
 Prereq: 329, COMPLETION OF 29 CREDITS IN THE S E CORE PROFESSIONAL PROGRAM, ENGL 314  
 7366005 T 2:10-4:00, ARRANGED  
 MEETS: JAN 9-MAY 4

SR DSIGN PROJECT II S E 492 2 CREDITS  
 Prereq: 491  
 7371005 R 2:10-3:00, ARRANGED  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUCATN S E 498 R CREDIT  
 Prereq: 398, PERMISSION OF DEPT & CAREER SERVICES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPANISH

ACCEL SPNISH REVIEW SPAN 97 0 CREDITS  
 Prereq: TWO YEARS BUT LESS THAN THREE YEARS OF HIGH-SCHOOL SPANISH  
 Note: DEVELOPMENTAL SPANISH FEE APPLIES. SEE HTTP://WWW.REGISTRAR.IASTATE.EDU/FEEES/OTHFEE.SHTML FOR MORE INFORMATION ON THIS FEE.  
 8246005 1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

8246010 2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

ELEM SPANISH II SPAN 102 4 CREDITS  
 Prereq: 101, 97 OR PLACEMENT BY DEPARTMENTAL EXAM  
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL SPAN MAY NOT ENROLL IN 102.  
 Meets international perspectives reqmt  
 6474005 1 MTWR 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

6474010 2 MTWR 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2: HYBRID FORMAT  
 Materials and equipment use fee \$25.00

6474015 3 MTWR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

6474020 4 MTWR 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

6474025 5 MTWR 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

SPANISH

(CONTINUED)

INTERMED SPANISH I SPAN 201 4 CREDITS  
 Prereq: 102 OR PLACEMENT BY DEPARTMENTAL EXAM  
 Note: Meets international perspectives reqmt  
 6477005 1 MTWR 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

INTERMED SPANISH II SPAN 202 4 CREDITS  
 Prereq: 201 OR PLACEMENT BY DEPARTMENTAL EXAM  
 Note: Meets international perspectives reqmt  
 6478005 1 MTWR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6478010 2 TWR 10:00-10:50  
 M 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 HYBRID FORMAT  
 Materials and equipment use fee \$25.00  
 6478015 3 TWR 11:00-11:50  
 M 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6478020 4 TWR 12:10-1:00  
 M 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6478025 5 TWR 1:10-2:00  
 M 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6478030 6 TWR 2:10-3:00  
 M 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

GRAMMAR & COMPOSITIN SPAN 301 3 CREDITS  
 Prereq: 202 OR PLACEMENT BY DEPARTMENTAL EXAM  
 Note: SEC. 1A,2A,ETC RESTRICTED TO SPAN MAJORS ONLY.  
 SEC. 1B,2B,ETC FOR MAJORS OTHER THAN SPAN.  
 Meets international perspectives reqmt  
 6479005 1A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6479010 1B TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6479015 2A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6479020 2B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6479025 3A MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6479030 3B MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6479035 4A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6479040 4B TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

CONVERS THRU CULTUR SPAN 303A 3 CREDITS  
 Prereq: 202 OR PLACEMENT BY DEPARTMENTAL EXAM  
 Note: SEC. 1A, 2A ECT. RESTRICTED TO SPAN MAJORS ONLY.  
 SEC. 1B, 2B ETC. FOR MAJORS OTHER THAN SPAN.  
 Meets international perspectives reqmt  
 6142005 1A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6142010 1B MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6142015 2A MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6142020 2B MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6142025 3A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6142030 3B MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

CONVERS FOR PROFSNL SPAN 303B 3 CREDITS  
 Prereq: 202 OR PLACEMENT BY DEPARTMENTAL EXAM  
 Note: SEC. 1A RESTRICTED TO SPAN MAJORS ONLY.  
 SEC. 1B FOR MAJORS OTHER THAN SPAN.  
 Meets international perspectives reqmt  
 6160005 1A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6160010 1B MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

SPANISH

(CONTINUED)

SPAN FOR BUSINS&PRO SPAN 304 3 CREDITS  
 Prereq: 202 OR PLACEMENT BY DEPARTMENTAL EXAM;  
 301 RECOMMENDED  
 Note: SEC. 1A ECT. RESTRICTED TO SPAN MAJORS ONLY.  
 SEC. 1B ETC. FOR MAJORS OTHER THAN SPAN.  
 Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 6482005 1A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 6482010 1B MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

INTRO READ HISPANIC SPAN 314 3 CREDITS  
 Prereq: 301  
 Note: Meets international perspectives reqmt  
 8894005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00  
 8894010 2 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

LATIN AMER CIVILIZA SPAN 322 3 CREDITS  
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL  
 Note: Meets international perspectives reqmt  
 6484005 1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

SPAIN TODAY SPAN 323 3 CREDITS  
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL  
 Note: Meets international perspectives reqmt  
 4047005 1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

LATIN AMERICA TODAY SPAN 324 3 CREDITS  
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL  
 Note: Meets international perspectives reqmt  
 4100005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

STU SPN LIT TO 1700 SPAN 330 3 CREDITS  
 Prereq: 314  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 6485005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

INTR SPAN/ENG TRNSL SPAN 351 3 CREDITS  
 Prereq: 301, 303 OR 304  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 5071005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Course delivery is WWW  
 Materials and equipment use fee \$25.00  
 5071600 XW ARRANGED LEONARD K  
 MEETS: JAN 9-MAY 4  
 Note: FOR PERMISSION TO REGISTER, CONTACT KATHY LEONARD  
 AT KLEONARD@IASTATE.EDU OR 515-294-5344.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

INTR SPANSH PHONOLG SPAN 352 3 CREDITS  
 Prereq: 301, 303 OR 304  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 3382005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

HISPAN TOPCS IN ENGL SPAN 370 3 CREDITS  
 Note: TOPIC: CULTURES OF AGRICULTURE IN THE HISPANIC  
 WORLD  
 Meets international perspectives reqmt  
 7948005 1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

SEM CERVANTES&GOLDN SPAN 441 3 CREDITS  
 Prereq: 330,331,332, OR 333 (RECOMMEND 330)  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 6492005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$25.00

SEM LIT&CUL LATN AM SPAN 445 3 CREDITS  
 Prereq: 330,331,332, OR 333 (RECOMMEND 332 & 333)  
 Note: TOPIC: 20TH CENTURY NEW HISTORICAL NOVELS OF THE  
 CONQUEST WRITTEN BY WOMEN  
 Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 6496005 1A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO SPAN MAJORS ONLY.  
 Materials and equipment use fee \$25.00  
 6496010 1B TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 Note: SECT 1B FOR MAJORS OTHER THAN SPAN.

SPANISH (CONTINUED)

SEM LIT&CUL LATN AM SPAN 445 3 CREDITS  
Materials and equipment use fee \$25.00

CONTRST SPAN ENGLISH SPAN 462 3 CREDITS  
Prereq: 351  
Note: Available for nonmajor graduate credit  
1486005 1 MWF 11:00-11:50  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$25.00

INDEPENDENT STUDY SPAN 490 1- 6 CREDITS  
Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR  
Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED TOWARD GRADUATION.  
Permission of department chair required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1- 3 CREDITS  
Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR  
Note: NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR  
Department permission required.  
Satisfactory-Fail Only.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEM CERVANT&GLD AGE SPAN 541 3 CREDITS  
Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT 400 LEVEL  
8146005 1 MWF 10:00-10:50  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$25.00

SEM LIT&CUL LATN AM SPAN 545 3 CREDITS  
Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT 400 LEVEL  
7468005 1 TR 11:00-12:20  
MEETS: JAN 9-MAY 4  
Note: Materials and equipment use fee \$25.00

**SPECIAL EDUCATION**

EXCEPTIONAL LEARNER SP ED 250 3 CREDITS  
Prereq: 204  
Note: Meets U.S. diversity regmt  
Department permission required 1st week.  
6452005 1 MWF 9:00-9:50  
MEETS: JAN 9-MAY 4

ASESS INCLUSV CLSRM SP ED 355 2 CREDITS  
Prereq: CONCURRENT ENROLLMENT IN 455; C I 433, 438,439,468G  
Note: CONCURRENT ENROLLMENT IN C I 433, 439, 468G, SP ED 455. REGISTER FOR THE SAME SECTION NUMBERS.  
4385005 1 MW 8:45-10:00  
MEETS: JAN 9-MAY 4  
Note: NO MEETINGS FEB 13-MARCH 9

CLSRM ASSESMT SP ED SP ED 365 3 CREDITS  
Prereq: 330  
Note: Department permission required 1st week.  
6454005 1 W 2:10-5:00  
MEETS: JAN 9-MAY 4

TCHG IN INCLUSV SET SP ED 368 1 CREDIT  
Prereq: CONCURRENT ENROLLMENT IN C I 377, 468F  
Note: CONCURRENT ENROLLMENT IN C I 377  
4085005 W 3:30-4:45  
MEETS: JAN 9-MAY 4  
Note: NO MEETINGS MARCH 19-APRIL 13

TCH SCDRY EXCEP GEN SP ED 401 3 CREDITS  
5059005 1 TR 11:00-12:20  
MEETS: JAN 9-MAY 4

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS  
Prereq: FULL ADMISSION TO TEACHER EDUC, SENIOR CLASSIFICATION, MAJOR IN ELEMENTARY EDUC, 330,334, 365,436,439; C I 280,452  
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM OFFERED FOR 8 CREDITS SPRING 2012  
Department permission required 1st week.  
3286005 1A ARRANGED  
MEETS: JAN 9-MARCH 2  
3286015 1R ARRANGED  
MEETS: JAN 9-MARCH 2  
3286010 2A ARRANGED  
MEETS: MARCH 5-MAY 4  
3286020 2R ARRANGED  
MEETS: MARCH 5-MAY 4

INST MTHD M/MO DSAB SP ED 436 3 CREDITS  
Prereq: 245, CONCURRENT ENROLLMENT IN 365  
1884005 M 2:10-5:00  
MEETS: JAN 9-MAY 4

SPECIAL EDUCATION (CONTINUED)

INSTR MTH INCLU PRI SP ED 455 2 CREDITS  
Prereq: CONCURRENT ENROLLMENT 355; C I 433, 438, 439, 468G, 468I  
6848005 1 MW 10:15-11:30  
MEETS: JAN 9-MAY 4  
Note: NO MEETINGS FEB 13-MARCH 9

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 11:00-12:20  
MEETS: JAN 9-MAY 4

EVID-BS PRAC BHV DS SP ED 530 3 CREDITS  
Prereq: 511, 515  
Note: NO MEETINGS 2/7, 3/6,5/8. SAT MEETINGS 3/3, 4/28  
2638005 T 5:10-8:00PM  
S 9:00-2:00  
MEETS: JAN 9-MAY 4  
2638600 XE T 5:10-8:00PM CARLSON P  
S 9:00-2:00  
MEETS: JAN 10 MAY 1  
Section XE is off campus  
Course delivery is Videostreaming  
Secondary delivery is On-site instruction  
Delivery fee \$50.00

EVID-BS PRAC LRN DS SP ED 540 3 CREDITS  
Prereq: 511, 515  
Note: NO MEETINGS 2/7, 3/6,5/8. SAT MEETINGS 3/3, 4/28  
2642005 R 5:10-8:00PM  
S 9:00-2:00  
MEETS: JAN 9-MAY 4  
2642600 XE R 5:10-8:00PM LIND L  
S 9:00-2:00  
MEETS: JAN 12-MAY 3  
Note: Section XE is off campus  
Course delivery is Videostreaming  
Secondary delivery is On-site instruction  
Delivery fee \$50.00

SPECIAL TOPICS SP ED 590 1- 5 CREDITS  
Prereq: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP DISABLT,K-8 SP ED 591G 1- 6 CREDITS  
Prereq: 15 GRAD CREDITS IN SPECIAL AREA;  
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION  
Note: Professional support, field trips &/or travel fee \$25.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD EXP DISABL,5-12 SP ED 591H 1- 6 CREDITS  
Prereq: 15 GRAD CREDITS IN SPECIAL AREA;  
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION  
Note: Professional support, field trips &/or travel fee \$25.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FLD 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: Professional support, field trips &/or travel fee \$25.00  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1- 5 CREDITS  
Prereq: 15 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR SP ED 615 1 CREDIT  
8497005 ARRANGED  
MEETS: JAN 9-MAY 4

RESEARCH SP ED 699 VAR. CREDITS  
Prereq: 15 CREDITS IN EDUCATION  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**SPEECH COMMUNICATION**

LISTENING SP CM 110 3 CREDITS  
6418005 A MWF 12:10-1:00  
MEETS: JAN 9-MAY 4

POPULR CULTUR ANALY SP CM 205 3 CREDITS  
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150 OR ENGL 104  
3001005 A TR 9:30-10:50  
MEETS: JAN 9-MAY 4

SPEECH COMMUNICATION

(CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS  
 Note: ATTEND LECTURE THE FIRST DAY-LECTURE IS THE SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE. CLASS MEETS 3 HOURS EACH WEEK. LECTURE & DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY OF LECTURE.

8643020 1 MWF 8:00-8:50  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

8643025 2 MWF 9:00-9:50  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

8643030 3 MWF 10:00-10:50  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

8643035 4 MWF 10:00-10:50  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

8643040 5 MWF 11:00-11:50  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

8643045 6 MWF 12:10-1:00  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

8643050 7 MWF 12:10-1:00  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

8643055 8 MWF 1:10-2:00  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

8643060 9 MWF 1:10-2:00  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

8643065 10 MWF 1:10-2:00  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

Note: SEC 10 LECTURE & LAB MEET ON ALTERNATING DAY, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC., SECOND TIME LISTED.

8643070 11 MWF 2:10-3:00  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

Note: SEC 11 LECTURE & LAB MEET ON ALTERNATING DAY, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC., SECOND TIME LISTED.

8643075 12 MWF 2:10-3:00  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

Note: SEC 12 LECTURE & LAB MEET ON ALTERNATING DAY, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC., SECOND TIME LISTED.

8643080 13 MWF 2:10-3:00  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

Note: SEC 13 LECTURE & LAB MEET ON ALTERNATING DAY, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC., SECOND TIME LISTED.

8643085 14 MWF 2:10-3:00  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

Note: SEC 14 LECTURE & LAB MEET ON ALTERNATING DAY, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC., SECOND TIME LISTED.

8643090 15 MWF 2:10-3:00  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

8643095 16 MWF 9:00-9:50  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

8643100 17 MWF 10:00-10:50  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

8643015 18 MWF 1:10-2:00  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

8643110 19 MWF 11:00-11:50  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

8643115 20 MWF 11:00-11:50  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

8643120 21 MWF 12:10-1:00  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

8643125 22 MWF 12:10-1:00  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

8643130 23 MWF 12:10-1:00  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

Note: SEC 23 LECTURE & LAB MEET ON ALTERNATING DAY, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC., SECOND TIME LISTED.

8643135 24 MWF 1:10-2:00  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

Note: SEC 24 LECTURE & LAB MEET ON ALTERNATING DAY, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC., SECOND TIME LISTED.

8643140 25 MWF 1:10-2:00  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

Note: SEC 25 LECTURE & LAB MEET ON ALTERNATING DAY, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC., SECOND TIME LISTED.

SPEECH COMMUNICATION

(CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS

8643145 26 MWF 3:10-4:00  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

Note: SEC 26 LECTURE & LAB MEET ON ALTERNATING DAY, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC., SECOND TIME LISTED.

8643150 27 MWF 3:10-4:00  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

Note: SEC 27 LECTURE & LAB MEET ON ALTERNATING DAY, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC., SECOND TIME LISTED.

8643155 28 MWF 3:10-4:00  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

8643160 29 MWF 3:10-4:00  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

8643165 30 MWF 3:10-4:00  
 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

8643170 31 MWF 2:10-3:00  
 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

HONORS PUBLIC SPEAK SP CM 212H 3 CREDITS  
 Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.

8819005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

GREAT SPEAKRS&SPCHS SP CM 216X 3 CREDITS  
 Note: Meets U.S. diversity reqmt

2218005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

INTERCOLLEG DEBATE SP CM 223 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR

6424005 ARRANGED  
 MEETS: JAN 9-MAY 4

Note: Instructor permission required.

SPECIAL PROJECTS SP CM 290 1- 2 CREDITS  
 Prereq: 3 CR IN SP CM; PERMISSN OF DEPT CHAIR  
 Note: NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE MINOR.  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

BUSINESS&PRO SPEAKG SP CM 312 3 CREDITS  
 Prereq: 212  
 Note: SEC A1,B1 RESTRICTED TO SP CM MAJORS ONLY.  
 SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN SP CM.

6429005 A1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

6429010 A2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

6429015 B1 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

6429020 B2 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

GENDER & COMMUNICTN SP CM 323 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit

2640005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

2640010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

2640015 C TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

LEGAL COMMUNICATION SP CM 324 3 CREDITS  
 Prereq: 212  
 Note: Available for nonmajor graduate credit

6190005 MW 5:10-6:30PM  
 MEETS: JAN 9-MAY 4

NONVERBAL COMMUNIC SP CM 325 3 CREDITS  
 Prereq: COMST 101 OR 102, 203, 301  
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY

3196005 1 TR 9:30-10:50 SWEET D  
 MEETS: JAN 9-MAY 4

PERSUASION SP CM 327 3 CREDITS  
 Prereq: 212  
 Note: SEC A1,B1 RESTRICTED TO SP CM MAJORS ONLY.  
 SEC A2,B2 FOR MAJORS OTHER THAN SP CM.  
 Available for nonmajor graduate credit

6437005 A1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

6437010 A2 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4



SPEECH COMMUNICATION (CONTINUED)

RHETORICAL TRADITNS SP CM 350 3 CREDITS  
 Prereq: ENGL 250 OR ENGL 105  
 3005005 A1 TR 2:10-3:30 GOSSETT K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.  
 3005010 A2 TR 2:10-3:30 GOSSETT K  
 MEETS: JAN 9-MAY 4  
 Note: SEC. A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

HIST AM PBLC ADDRSS SP CM 416 3 CREDITS  
 Prereq: 212  
 Note: Available for nonmajor graduate credit  
 6440005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY SP CM 490 1- 3 CREDITS  
 Prereq: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN,  
 PERMISSION OF DEPT. CHAIR  
 Note: NO CREDITS IN SP CM 490 MAY BE APPLIED TOWARD THE  
 MINOR  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DIRECT SPEECH ACTIV SP CM 495A 1 CREDIT  
 Prereq: C I 301; 9 CR IN SP CM; MINIMUM GPA  
 OF 2.5 IN SP CM COURSES  
 6445005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

CAPSTONE SEMINAR SP CM 497 3 CREDITS  
 Prereq: 15 CR IN SP CM; JR OR SR CLASSIFICATION  
 Note: FOR IRC SENIORS ONLY  
 8572005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

COMMUNIC INTERNSHIP SP CM 499 1- 3 CREDITS  
 Prereq: 18 CR IN SP CM COURSES, OTHER COURSES  
 ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR  
 STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0  
 IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE  
 Note: NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD  
 THE MINIMUM 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 FOR NEW SP CM 212 T.A. APPOINTMNTS  
 2093005 ARRANGED  
 MEETS: JAN 9-MAY 4

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 CREDITS FOR THE MAJOR. NO CREDITS IN SP CM  
 590 MAY BE APPLIED TOWARD THE MINOR.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

STATISTICS (CONTINUED)

PRIN OF STATISTICS STAT 101 4 CREDITS  
 Note: Instructor permission required 1st week.  
 6502055 L MWF 1:10-2:00  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SECTION L RESTRICTED TO STAT, MATH MAJORS ONLY  
 Instructor permission required 1st week.  
 6502060 M MWF 8:00-8:50  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6502065 N MWF 8:00-8:50  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.

INTRO TO STATISTICS STAT 104 3 CREDITS  
 Prereq: 1 & 1/2 YRS OF H S ALGEBRA  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
 APPLIED TOWARD GRADUATION: STAT 101, STAT 104,  
 STAT 105, STAT 226. COURSE NOT OPEN TO BUS COLLEGE  
 MAJORS.  
 Instructor permission required 1st week.  
 6503005 A TR 1:10-2:00  
 F 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 6503010 B TR 2:10-3:00  
 F 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 6503015 C TR 8:00-8:50  
 F 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 6503020 D TR 9:00-9:50  
 F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 6503025 E MW 8:00-8:50  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4

INTRO STAT FOR ENGR STAT 105 3 CREDITS  
 Prereq: MATH 165 (OR 165H)  
 Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.  
 CREDIT FOR EITHER STAT 105 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: JAN 9-MAY 4  
 6504010 B TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

INTR BUSINES STAT I STAT 226 3 CREDITS  
 Prereq: MATH 150 OR 165  
 Note: COURSE RESTRICTED TO ACCT, AG B, BUS S, BUSAD,  
 BUS U, ECON, FIN, I BUS, LOMIS, MGMT, MIS, MKT, P BUS  
 MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY  
 BE APPLIED TOWARD GRADUATION: STAT 226, STAT 101,  
 STAT 104, STAT 105.  
 3975005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 3975010 B TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 3975015 C TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 3975020 D TR 2:10-3:30  
 MEETS: JAN 9-MAY 4  
 3975025 E TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 3975030 F TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 3975035 G TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

PROB&INFERNC, ENGRS STAT 231 4 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN MATH 265  
 Note: Instructor permission required 1st week.  
 6507005 MTRF 12:10-1:00  
 MEETS: JAN 9-MAY 4

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 COLLEGE OF ENGINEERING STUDENTS ONLY.  
 6509005 A TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6509010 B TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6509015 C TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6509020 D TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6509025 E TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6509600 XW ARRANGED GHOSH A  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

STATISTICS

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  
 M 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6502010 B MWF 9:00-9:50  
 M 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6502015 C MWF 10:00-10:50  
 T 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6502020 D MWF 10:00-10:50  
 T 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6502025 E MWF 11:00-11:50  
 W 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6502030 F MWF 11:00-11:50  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6502035 G MWF 3:10-4:00  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6502040 H MWF 3:10-4:00  
 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6502045 J MWF 2:10-3:00  
 T 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 6502050 K MWF 2:10-3:00  
 T 12:10-2:00  
 MEETS: JAN 9-MAY 4

STATISTICS (CONTINUED)

STATISTICS (CONTINUED)

PROBAB MTH,ELEC ENG STAT 322 3 CREDITS  
 Prereq: E E 224  
 6857005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

INTR BUSINS STAT II STAT 326 3 CREDITS  
 Prereq: 226  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.

6510005 A MW 10:00-10:50  
 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

6510010 B MW 10:00-10:50  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4

6510015 C MW 10:00-10:50  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4

6510020 D MW 10:00-10:50  
 F 12:10-2:00  
 MEETS: JAN 9-MAY 4

6510025 E MW 1:10-2:00  
 F 10:00-11:50  
 MEETS: JAN 9-MAY 4

6510030 F MW 1:10-2:00  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4

6510035 G MW 1:10-2:00  
 R 10:00-11:50  
 MEETS: JAN 9-MAY 4

6510040 J MW 1:10-2:00  
 F 8:00-9:50  
 MEETS: JAN 9-MAY 4

PROBAB&STAT COM SCI STAT 330 3 CREDITS  
 Prereq: MATH 166  
 Note: Available for nonmajor graduate credit

7372005 A MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

7372010 B MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

INTR THY PROBAB&S I STAT 341 3 CREDITS  
 Prereq: MATH 265 (OR 265H)  
 Note: CREDIT FOR EITHER STAT/MATH 341 OR STAT 447,  
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

6511005 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

INTR THY PR&STAT II STAT 342 3 CREDITS  
 Prereq: 341, MATH 307 OR 317

6512005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

STAT QUALITY ASSURN STAT 361 3 CREDITS  
 Prereq: 231 OR 401  
 Note: Available for nonmajor graduate credit

6513005 A T 3:40-5:30, ARRANGED  
 MEETS: JAN 9-MAY 4

6513010 B T 3:40-5:30, ARRANGED  
 MEETS: JAN 9-MAY 4

Note: SEC A RESTRICTED TO I E MAJORS ONLY  
 Note: SEC B RESTRICTED TO MAJORS OTHER THAN I E

COOPERATIVE EDUCATN STAT 398 R CREDIT  
 Prereq: PERMISSION OF DEPARTMENT CHAIR

1530005 ARRANGED  
 MEETS: JAN 9-MAY 4

STAT METH FOR RSRCH STAT 401 4 CREDITS  
 Prereq: 101 OR 104 OR 105 OR 226. GRAD STUDENTS  
 WITHOUT AN EQUIV COURSE SHOULD CONTACT DEPT.  
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES  
 MAY BE APPLIED TOWARD GRADUATION: DIET 554, STAT 401,  
 STAT 495, STAT 542  
 Available for nonmajor graduate credit  
 Instructor permission required 1st week.

6514005 A MWF 8:00-8:50  
 T 12:10-2:00  
 MEETS: JAN 9-MAY 4

Note: SEC A RESTRICTED TO AG COLLEGE AND VET COLLEGE  
 MAJORS, A E, A B E, BCB, BIOL, BOT S, D EX, D EXH,  
 DIETH, EEB, EEOB, EEOBS, FS H, FSHNH, GDCB, GDCBS,  
 GENET, HHP, IMBIO, MCDB, NEURO, NS H, NUTR, P PHY,  
 PDEXH, PLBIO, SUSAG, TOX, ZLGNS  
 Instructor permission required 1st week.

6514010 B MWF 1:10-2:00  
 T 2:10-4:00  
 MEETS: JAN 9-MAY 4

Note: SEC. B RESTRICTED TO UNDERGRADS.  
 Instructor permission required 1st week.

6514015 C TR 11:00-12:20  
 F 2:10-4:00  
 MEETS: JAN 9-MAY 4

Note: SEC. C FOR SOCIAL SCIENCES, PSYCH AND HD FS  
 MAJORS  
 Instructor permission required 1st week.

6514020 D T 7:00-9:50PM  
 R 7:00-8:50PM  
 MEETS: JAN 9-MAY 4

Note: SEC. D RESTRICTED TO POL S, EDUC, HD FS, PSYCH,  
 SOC, INTST, INDIS MAJORS  
 Instructor permission required 1st week.

6514025 E MWF 1:10-2:00  
 T 10:00-10:50  
 MEETS: JAN 9-MAY 4

STAT METH FOR RSRCH STAT 401 4 CREDITS  
 Note: SEC E RESTRICTED TO UNDERGRADUATE STUDENTS  
 Instructor permission required 1st week.

6514600 XW ARRANGED SHELLEY M  
 MEETS: JAN 9-MAY 4  
 Section XW is off campus  
 Course delivery is WW  
 Delivery fee \$200.00

STAT DESIGN&EXPERMT STAT 402 3 CREDITS  
 Prereq: 401  
 Note: Available for nonmajor graduate credit

6515005 A MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

Note: SEC A RESTRICTED TO A E, A B E, BBMA, BBMS,  
 DIETH, EEOB, EEOBS, FSHNH, FS H, GENET, IMBIO, NEURO,  
 NUTR, MCDB, NEURO, ZLGNS, P PHY, PLBIO, AG COLLEGE  
 AND VET COLLEGE MAJORS ONLY.

6515010 B MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

Note: SEC B FOR PHYS SCIENCES, MATH, ENGR,  
 UNDERGRADS

6515015 C MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

Note: SEC C FOR HD FS, H SCI, POL S, PSYCH AND SOC  
 MAJORS ONLY.

ST MTH SPATIAL DATA STAT 406 3 CREDITS  
 Prereq: 6 HOURS OF STAT AT THE 400-LEVEL  
 Note: Available for nonmajor graduate credit

4015005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

DSGN GENE EXPRS EXP STAT 416 3 CREDITS  
 Prereq: 401  
 Note: Available for nonmajor graduate credit

8574005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

SURVEY SAMPL TECHNQ STAT 421 3 CREDITS  
 Prereq: 231 OR 328 OR 401  
 Note: Available for nonmajor graduate credit

6520005 TR 8:30-9:20  
 R 12:10-2:00  
 MEETS: JAN 9-MAY 4

BAYESIAN DATA ANALY STAT 444X 3 CREDITS  
 Prereq: 401; 447 OR ENROLLMENT IN 432  
 Note: Available for nonmajor graduate credit

8886005 MW 10:00-10:50  
 T 12:10-2:00  
 MEETS: JAN 9-MAY 4

STAT THEORY FOR RES STAT 447 4 CREDITS  
 Prereq: MATH 151 AND INST PERMISSION, OR MATH 265  
 Note: CREDIT FOR EITHER STAT/MATH 341 OR STAT 447,  
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 Available for nonmajor graduate credit

6523005 MTRF 3:10-4:00  
 MEETS: JAN 9-MAY 4

APPLIED TIME SERIES STAT 451 3 CREDITS  
 Prereq: 231 OR 328 OR 401  
 Note: Available for nonmajor graduate credit  
 Instructor permission required 1st week.

6524005 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4

STAT COMPUTING APPL STAT 480 3 CREDITS  
 Prereq: 231 OR 328 OR 401  
 Note: Available for nonmajor graduate credit

6525005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY STAT 490 VAR. CREDITS  
 Prereq: 10 CREDITS IN STATISTICS  
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS STAT 490H VAR. CREDITS  
 Prereq: 10 CR IN STAT, MEMBERSHIP IN HONORS PROG  
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE  
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO  
 UNIVERSITY HONORS STUDENTS ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MULTIVAR STAT METHD STAT 501 3 CREDITS  
 Prereq: 500 OR 402; 447 OR 542; KNOWLEDGE OF  
 MATRIX ALGEBRA

6530005 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4

ENVIRONMENTAL STAT STAT 505 3 CREDITS  
 Prereq: 341 OR 447; 401

1451005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

STATISTICS (CONTINUED)

STATISTICS (CONTINUED)

ST MTH SPATIAL DATA STAT 506 3 CREDITS  
 Prereq: 447 OR 542  
 4078005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

STATISTICAL METHODS STAT 511 3 CREDITS  
 Prereq: 500 OR 402 OR 404; 447 OR 542 AND CURRENT  
 ENROLLMENT IN 543: KNOWLEDGE OF MATRIX ALGEBRA  
 6531005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 6531600 XW ARRANGED NETTLETON D  
 MEETS: JAN 9-MAY 4  
 Note: LIVE VIEWING AVAILABLE MWF 11-11:50 AM OR  
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER  
 TIME.  
 Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

THY&APP SAMPLE SURV STAT 521 3 CREDITS  
 Prereq: 401; 447 OR 542  
 6535005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

RELIABILITY STAT 533 3 CREDITS  
 Prereq: 342 OR 432 OR 447  
 6538005 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

THRY PROBAB&STAT II STAT 543 3 CREDITS  
 Prereq: 542  
 6547005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

BAYESIAN STATISTICS STAT 544 3 CREDITS  
 Prereq: 543  
 6548005 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

ADV GENOME INFORMTC STAT 568 3 CREDITS  
 Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430,  
 CREDIT OR ENROLLMENT IN GEN 411  
 5070005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

COMP FUNC GENOM&BIO STAT 570 3 CREDITS  
 Prereq: 567, BIOL 315, COM S 311, COM S 208 OR  
 228, GEN 411, STAT 430  
 5074005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 5074010 2 MWF 3:10-4:00  
 MEETS: JAN 9-MAY 4

STATISTCL COMPUTING STAT 580 3 CREDITS  
 Prereq: 579 AND 447 OR 542  
 6553005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4

SPECL TOPICS THEORY STAT 590A VAR. CREDITS  
 6554005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPCL TOPICS METHODS STAT 590B VAR. CREDITS  
 6555005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOP DESGN EXPER STAT 590C VAR. CREDITS  
 6556005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS  
 6557005 ARRANGED  
 MEETS: JAN 9-MAY 4

COOPERATIVE EDUCATN STAT 598 R CREDIT  
 Prereq: PERMISSION OF THE DEPARTMENT CHAIR  
 4153002 ARRANGED  
 MEETS: JAN 9-MAY 4

CREATIVE COMPONENT STAT 599 VAR. CREDITS  
 Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV EXPERIMENT DSGN STAT 612 3 CREDITS  
 Prereq: 512  
 6562005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

ADV THRY ST INFERNC STAT 643 4 CREDITS  
 Prereq: 543, 642  
 6566005 MTRF 2:10-3:00  
 MEETS: JAN 9-MAY 4

ADV STOCHAST PROCES STAT 645 3 CREDITS  
 3767005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

SEMNAR THEORY S&PRB STAT 648 VAR. CREDITS  
 Prereq: 643  
 6569005 ARRANGED  
 MEETS: JAN 9-MAY 4

TIME SERIES STAT 651 3 CREDITS  
 Prereq: 551, 642  
 6570005 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

ADV STAT COMPUTING STAT 680 3 CREDITS  
 Prereq: 543, 580  
 3421005 MW 11:00-12:20  
 MEETS: JAN 9-MAY 4

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6851005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV SPL TOP METHODS STAT 690B VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: TOPIC: MODERN STATISTICAL LEARNING II  
 OFFERED FOR 1 CREDIT SPRING 2012  
 6852005 ARRANGED VARDEMAN S  
 MEETS: JAN 9-MAY 4

ADV TOP DSGN EXPER STAT 690C VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6854005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOP SAMP SURVEY STAT 690D VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6855005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOP STAT COMPUT STAT 690E VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 1709005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOPICS GRAPHICS STAT 690F VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 3189005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

**SUPPLY CHAIN MANAGEMENT**

SUPPLY CHAIN MGMT SCM 301 3 CREDITS  
 Prereq: ECON 101, STAT 226  
 Note: SEC A1,B1,ECT RESTRICTED TO ACCT, AG B, AST,  
 BUS S, BUS U, BUSEC, I TEC, FIN, LSCM, MGMT, MIS,  
 MKT, OSCM, P S A, SCM. SEC A2,B2,ECT FOR COLLEGES  
 SEC A2,B2,ECT FOR COLLEGES OTHER THAN BUSINESS,  
 AG B, AST. GRADUATE STUDENTS SEE 1200 GERDIN  
 FOR PERMISSION. CONCURRENT ENROLLMENT OR PRIOR  
 CREDIT IN FIN 301 IS RECOMMENDED FOR THIS BLOCK.  
 NEXT SEMESTERS ENROLLMENT BLOCK INCLUDES MGMT 370  
 & MKT 340  
 Night exams scheduled. For dates go to  
<http://www.registrar.iastate.edu/exams/nitexam.html>.

1629005 A1 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

1629010 A2 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

1629015 B1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

1629020 B2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

1629025 C1 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

1629030 C2 MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4

1629035 D1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

1629040 D2 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

1629045 E1 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4

1629050 E2 TR 2:10-3:25  
 MEETS: JAN 9-MAY 4

1629055 F1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

1629060 F2 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

1629065 G1 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

1629070 G2 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

1629075 J1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

1629080 J2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

SUPPLY CHAIN MANAGEMENT (CONTINUED)

MFG PLANNING&CNTRL SCM 422 3 CREDITS  
 Prereq: 301  
 Note: GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 6818005 A1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO OSCM, SCM UNDERGRAD STUDENTS ONLY.  
 6818010 A2 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, I BUS, BUSEC, FIN, MGMT, MIS, MKT, LSCM, UNDERGRAD STUDENTS ONLY.

PROCSS MGT,AN&IMPRV SCM 424 3 CREDITS  
 Prereq: 301  
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM UNDERGRAD MAJORS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 5287005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

PROJECT MANAGEMENT SCM 437 3 CREDITS  
 Note: COURSE RESTRICTED TO LSCM, MIS, OSCM, SCM UNDERGRADS ONLY. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 5244005 A T 6:10-9:00PM  
 MEETS: JAN 9-MAY 4

DECISN TOOLS LOG&OP SCM 460 3 CREDITS  
 Prereq: 301  
 Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 6790005 A1 MW 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO LSCM, SCM MAJORS ONLY  
 6790010 A2 MW 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MIS, MKT AND OSCM MAJORS ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

PRIN TRANSPORTATION SCM 461 3 CREDITS  
 Prereq: 301  
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION.  
 Available for nonmajor graduate credit  
 6791005 A1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO LSCM, SCM UNDERGRADS ONLY  
 6791010 A2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MIS, MKT AND OSCM MAJORS ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

TRANSPO CARRIER MGT SCM 462 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 461  
 Note: GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION  
 Available for nonmajor graduate credit  
 6792005 A1 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO LSCM, SCM MAJOR ONLY.  
 6792010 A2 W 6:10-9:00PM  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, MGMT, MIS, MKT AND OSCM MAJORS ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

DEMAND PLANNING&MGT SCM 485 3 CREDITS  
 Prereq: 301  
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY EXCEPT P BUS. GRAD STUDENTS SEE 1200 GERDIN FOR PERMISSION  
 Available for nonmajor graduate credit  
 1069005 A TR 3:40-5:00  
 MEETS: JAN 9-MAY 4

PRIN PRCHS&SPLY MGT SCM 486 3 CREDITS  
 Prereq: 301  
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, I BUS, LSCM, MGMT, MIS, MKT, OSCM, SCM MAJORS ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.  
 Available for nonmajor graduate credit  
 4788005 A TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
 4788010 B TR 8:00-9:15  
 MEETS: JAN 9-MAY 4

SUPPLY CHAIN MANAGEMENT (CONTINUED)

STRGTC SPLY CHN MGT SCM 487 3 CREDITS  
 Prereq: 460 OR 422 OR 424; 485 OR 486  
 Note: COURSE RESTRICTED TO LSCM, OSCM, SCM GRADUATING SENIORS s12. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION  
 Available for nonmajor graduate credit  
 3085005 A TR 11:00-12:15  
 MEETS: JAN 9-MAY 4  
 3085010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY SCM 490 1- 3 CREDITS  
 Prereq: 301, SENIOR CLASSIFICATION, INSTRUCTOR PERMISSION  
 Note: COURSE NOT OPEN TO P BUS MAJORS  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SUPPLY CHAIN MGMT SCM 501 3 CREDITS  
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION  
 9391005 A T 8:30-11:50  
 MEETS: JAN 10-APRIL 3  
 9391600 XA T 5:50-9:10PM  
 MEETS: JAN 10-APRIL 3 BLACKHURST J  
 Note: CONTACT DEBBIE JOHNSON FOR PERMISSION TO REGISTER AT 515-294-8118/DLJOHNS@IASTATE.EDU.  
 Department permission required.  
 Section XA is off campus  
 Course delivery is On-site instruction  
 Delivery fee \$105.00  
 Taught at, in or by DES MOINES

S CH PLAN&CNTRL SYS SCM 522 3 CREDITS  
 Prereq: 502 OR PERMISSION OF INSTRUCTOR  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 7186005 A R 6:00-9:20PM  
 MEETS: JAN 12-APRIL 5

STRATG PRCESS ANALY SCM 524 3 CREDITS  
 Prereq: 502 OR PERMISSION OF INSTRUCTOR  
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS  
 8590005 A T 6:00-9:20PM  
 MEETS: JAN 10-APRIL 3

SPECIAL TOPICS SCM 590 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SMNR SUP CHN STRATG SCM 602 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 601  
 Note: COURSE RESTRICTED TO BUSAD PHD  
 8038005 A T 2:10-5:00  
 MEETS: JAN 9-MAY 4

SEMNR LOGISTCS MGMT SCM 604 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 601  
 Note: COURSE RESTRICTED TO BUSAD PHD  
 8042005 A R 2:10-5:00  
 MEETS: JAN 9-MAY 4

**SUSTAINABLE AGRICULTURE**

STRAT DIVERSFD FARM SUSAG 546 3 CREDITS  
 Prereq: 509  
 7427005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Professional support, field trips &/or travel fee \$40.00

ORGANC AG THRY&PRAC SUSAG 584 3 CREDITS  
 Prereq: 9 CREDITS IN BIOLOGICAL OR PHYSICAL SCI  
 3420005 T 6:10-9:00PM DELATE K  
 MEETS: JAN 9-MAY 4  
 3420600 XW ARRANGED DELATE K  
 MEETS: JAN 9-MAY 4  
 Note: CONTACT KATHLEEN DELATE FOR PERMISSION TO REGISTER AT 515-294-7069/KDELATE@IASTATE.EDU.  
 Instructor permission required.  
 Section XW is off campus  
 Course delivery is WWW  
 Secondary delivery is On-site instruction  
 Delivery fee \$156.00

SPECIAL TOPICS SUSAG 590 1- 3 CREDITS  
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

SUSTAINB AG COLLOQU SUSAG 600 1 CREDIT  
 5035005 W 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Section info: <http://www.sust.ag.iastate.edu/gpsa/courses/susag600/homepage.html>

SUSTAINABLE AGRICULTURE

(CONTINUED)

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

**TECHNOLOGY & SOCIAL CHANGE**

GLOBLIZTN & SUSTAINB T SC 220 3 CREDITS  
 Note: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220  
 MAY NOT BE APPLIED AS TECHNICAL ELECTIVE CREDIT  
 TOWARD ANY ENGINEERING COLLEGE DEGREE  
 Meets international perspectives reqmt  
 3640005 1 MW 2:10-3:00  
 F 2:10-3:00  
 MEETS: JAN 9-MAY 4

WORLD FOOD ISSUES T SC 342 3 CREDITS  
 Prereq: JUNIOR CLASSIFICATION  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 5256005 1 TR 11:00-12:20 ZDORKOWSKI G  
 MEETS: JAN 9-MAY 4

Note: Professional support fee \$25.00  
 5256010 2 MWF 11:00-11:50 FORD C  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 RESTRICTED AGRON, CS A, CS H,  
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA  
 & PDEXH MAJORS ONLY.

Professional support fee \$25.00  
 5256015 3 TR 2:10-3:30 ZDORKOWSKI G  
 MEETS: JAN 9-MAY 4  
 Note: Professional support fee \$25.00  
 5256020 4 MWF 1:10-2:00 FORD C  
 MEETS: JAN 9-MAY 4

Note: SEC 4 RESTRICTED AGRON, CS A, CS H,  
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA  
 & PDEXH MAJORS ONLY.  
 Professional support fee \$25.00  
 5256600 XW ARRANGED FORD C  
 MEETS: JAN 9-MAY 4

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  
 Delivery fee \$206.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

PHIL OF TECHNOLOGY T SC 343 3 CREDITS  
 Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341  
 AND 3 CREDITS OF SOCIAL SCIENCE

Note: Available for nonmajor graduate credit  
 5211005 A TR 9:30-10:50 SMITH T  
 MEETS: JAN 9-MAY 4  
 5211010 B MWF 10:00-10:50 TSOU J  
 MEETS: JAN 9-MAY 4  
 5211015 C MWF 11:00-11:50 TSOU J  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY T SC 490 VAR. CREDITS  
 Prereq: 341, PERMISSION OF INSTRUCTOR & T SC COORD  
 Note: Permission of coordinator required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCH&SOC CHG T SC 590 VAR. CREDITS  
 Prereq: 541, PERMISSN OF INSTRUCTOR & T SC COORD  
 Note: Permission of coordinator required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**TECHNOLOGY SYSTEMS MANAGEMENT**

EXPERNCNG TECHNOL TSM 111 1 CREDIT  
 Prereq: AST AND I TEC MAJORS ONLY OR PERMISSION  
 OF INSTRUCTOR  
 8507005 A M 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 8507010 B W 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 8507015 C F 10:00-11:50  
 MEETS: JAN 9-MAY 4

ORIEN LEARNING&TEAM TSM 112 2 CREDITS  
 Prereq: 112  
 1393005 1 W 9:00-10:50  
 MEETS: JAN 9-MAY 4

DEV LEARNRS&LEADERS TSM 114 2 CREDITS  
 Prereq: NREM 112  
 8129005 1 W 4:10-6:00PM WIERSEMA J  
 MEETS: JAN 9-MAY 4

SOLV TECHNOL PROBLM TSM 115 3 CREDITS  
 Prereq: CR OR ENROLLMENT IN MATH 140 OR HIGHER  
 1358005 A MW 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A RESTRICTED TO AST, I TEC MAJORS ONLY.  
 1358010 B TR 3:40-5:40  
 MEETS: JAN 9-MAY 4  
 Note: SEC B FOR MAJORS OTHER THAN AST, I TEC

TECHNOLOGY SYSTEMS MANAGEMENT

(CONTINUED)

INTR DSIGN IN TCNOL TSM 116 3 CREDITS  
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY.  
 OTHERS MAY ADD WITH THE PERMISSION OF THE INSTRUCTOR  
 4496005 A TR 10:00-11:50  
 MEETS: JAN 9-MAY 4

SMNR:PREP FOR WRKPL TSM 201 1 CREDIT  
 Prereq: SOPH CLASSIF IN A E, AST, BSE, OR I TEC  
 1384005 A MW 4:10-5:00  
 MEETS: JAN 9-MARCH 2

FUND OF TECHNOLOGY TSM 210 3 CREDITS  
 Prereq: CR OR ENROLLMT IN 115 OR EQUIVALENT,  
 MATH 140 OR HIGHER  
 1359005 A1 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO A B E, AST AND I TEC  
 MAJORS

1359010 A2 TR 3:40-5:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN A B E, AST OR I TEC

ADV TECH GRPHCS&CAD TSM 216 3 CREDITS  
 Prereq: 116  
 4504005 A TR 12:40-2:30  
 MEETS: JAN 9-MAY 4

INTRO MANUFACT PROC TSM 240 3 CREDITS  
 6601005 A M 2:10-3:00  
 WF 9:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00  
 6601010 B M 2:10-3:00  
 WF 11:00-12:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$100.00

TOTAL QUAL IMPROVMT TSM 310 3 CREDITS  
 Prereq: STAT 101 OR 104, JUNIOR CLASSIFICATION  
 9202005 A MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

PRSRV GRAIN QUALITY TSM 322 2 CREDITS  
 Prereq: MATH 140 OR HIGHER  
 1352005 A TR 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$50.00  
 1352600 XH ARRANGED MCGILL J  
 MEETS: JAN 9-MAY 4

Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.  
 Permission of coordinator required.  
 Section XH is off campus  
 Course delivery is WWW  
 Tuition Category: GPIDEA Consortium  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>  
 1352605 XW ARRANGED MCGILL J  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$156.00  
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

PRSRV GRAIN QUALITY TSM 322L 1 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 322  
 5581005 A W 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 5581010 B F 9:00-11:50  
 MEETS: JAN 9-MAY 4  
 5581015 C M 9:00-11:50  
 MEETS: JAN 9-MAY 4

SOIL&WTR CONSRV MGT TSM 324 3 CREDITS  
 Prereq: MATH 140 OR 160  
 1345005 A MW 8:00-8:50  
 T 12:10-1:30  
 MEETS: JAN 9-MAY 4

AG MACHNRY &PWR MGT TSM 330 3 CREDITS  
 Prereq: 210; MATH 142 OR 160  
 Note: COURSE RESTRICTED TO AST MAJORS, MINORS MAY  
 REQUEST A SIGNATURE TO ADD  
 1347005 A MW 10:00-10:50  
 W 1:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$110.00  
 1347010 B MW 10:00-10:50  
 W 3:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Field trips & travel fee \$110.00

FLUID PWR SYS TCNOL TSM 337 3 CREDITS  
 Prereq: 210  
 3335005 A MW 8:00-8:50  
 T 2:40-4:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00  
 3335010 B MW 8:00-8:50  
 T 12:40-2:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$50.00  
 3335015 C MW 8:00-8:50  
 T 9:30-11:20  
 MEETS: JAN 9-MAY 4

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

FLUID PWR SYS TCNOL TSM 337 3 CREDITS  
 Note: Materials, field trips &/or travel fee \$50.00

ADV AUTOMA MFG PROC TSM 340 3 CREDITS

Prereq: 216, 240, MATH 142  
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY

4522005 A MW 9:00-9:50  
 R 3:10-5:00  
 MEETS: JAN 9-MAY 4

Note: Materials fee \$112.00  
 4522010 B MW 9:00-9:50  
 M 5:10-7:00PM  
 MEETS: JAN 9-MAY 4

Note: Materials fee \$112.00  
 4522015 C WF 12:10-1:00  
 F 1:10-3:00  
 MEETS: JAN 9-MAY 4

Note: Materials fee \$112.00  
 4522020 D WF 12:10-1:00  
 F 3:10-5:00  
 MEETS: JAN 9-MAY 4

Note: Materials fee \$112.00

ELECTR FOR AG&INDUS TSM 363 4 CREDITS

Prereq: 210, PHYS 112  
 Note: Available for nonmajor graduate credit

6831005 A TR 8:00-9:20  
 T 12:10-3:00  
 MEETS: JAN 9-MAY 4

Note: Materials fee \$115.00  
 6831010 B TR 8:00-9:20  
 W 12:10-3:00  
 MEETS: JAN 9-MAY 4

Note: Materials fee \$115.00  
 6831015 C TR 8:00-9:20  
 W 3:10-6:00PM  
 MEETS: JAN 9-MAY 4

Note: Materials fee \$115.00

OCCUPATIONAL SAFETY TSM 370 3 CREDITS

Prereq: 270, JUNIOR STANDING  
 Note: Available for nonmajor graduate credit

7282005 T 8:00-8:50 ARRANGED  
 MEETS: JAN 9-MAY 4

Note: Course delivery is WWW  
 7282600 XH ARRANGED KEREN N

Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.

Course delivery is WWW  
 Section XH is off campus  
 Course delivery is WWW

Tuition Category: GPIDEA Consortium  
 Cmpt reqmt: <http://www.agde.iastate.edu/support>

/comp reqs.php  
 7282605 XW ARRANGED KEREN N

MEETS: JAN 9-MAY 4

Note: Section XW is off campus  
 Course delivery is WWW

Delivery fee \$156.00  
 Cmpt reqmt: <http://www.agde.iastate.edu/support>

/comp reqs.php

OCCUPAT SAFETY MGMT TSM 371 2 CREDITS

5626005 T 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

5626600 XH ARRANGED FREEMAN S

Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.

Course delivery is WWW  
 Section XH is off campus  
 Course delivery is WWW

Tuition Category: GPIDEA Consortium  
 Cmpt reqmt: <http://www.agde.iastate.edu/support>

/comp reqs.php  
 5626605 XW ARRANGED FREEMAN S

MEETS: JAN 9-MAY 4

Note: Section XW is off campus  
 Course delivery is WWW

Delivery fee \$156.00  
 Cmpt reqmt: <http://www.agde.iastate.edu/support>

/comp reqs.php

TOPC TEC:AG SAFE&HL TSM 393F 1- 4 CREDITS

5631600 XG ARRANGED  
 MEETS: JAN 17-MAY 3

Note: CONTACT LORI YOUNGBERG FOR PERMISSIN TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.

OFFERED FOR 3 CREDITS SPRING 2012  
 Course delivery is WWW

Section XG is off campus  
 Course delivery is WWW

Tuition Category: GPIDEA Consortium

TOPC TEC:MACHIN MGT TSM 393J 1- 4 CREDITS

5654600 XG ARRANGED  
 MEETS: JAN 17-MAY 12

Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER  
 AT 515-294-7656/LYOUNG@IASTATE.EDU.

OFFERED FOR 3 CREDITS SPRING 2012  
 Tuition Category: GPIDEA Consortium

Section XG is off campus  
 Course delivery is WWW

Tuition Category: GPIDEA Consortium

TECHNOLOGY INTERNSHP TSM 397 R CREDIT

Prereq: AT LEAST 45 CREDITS OF COURSEWORK, IN AST  
 OR I TEC MAJOR, INTERNSHIP COORDINATOR APPROVAL

Satisfactory-Fail Only.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORK EXPRNCE TCHNOL TSM 399 2 CREDITS

Prereq: 397 AND APPROVAL OF INSTRUCTOR  
 Note: NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED

TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.  
 COURSE RESTRICTED TO TSM MAJORS & PERMISSION OF

INSTRUCTOR REQUIRED PRIOR TO COMMENCING WORK

EXPERIENCE.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTDISCIP PROB SOLV TSM 408 3 CREDITS

Prereq: JUNIOR OR SENIOR STANDING  
 Note: Available for nonmajor graduate credit

5919005 A MW 9:00-11:50  
 MEETS: JAN 9-MARCH 9

TECHNLGY CAPSTONE I TSM 415 2 CREDITS

Prereq: SENIOR CLASSIFICATION  
 Note: COURSE RESTRICTED THE AST, I TEC SENIORS ONLY

6830005 M 2:10-3:00  
 F 9:00-10:50  
 MEETS: JAN 9-MAY 4

TECHNOL CAPSTONE II TSM 416 2 CREDITS

Prereq: 415

7031005 M 9:00-9:50, ARRANGED  
 MEETS: JAN 9-MAY 4

CELLULR LEAN MFG SY TSM 440 3 CREDITS

Prereq: 310, 340

Note: COURSE RESTRICTED TO I TEC MAJORS ONLY.  
 4536005 A M 10:00-11:50  
 W 10:00-11:50  
 MEETS: JAN 9-MAY 4

Note: Materials, field trips &/or travel fee \$25.00

MATERLS FOR TECHNOL TSM 443 3 CREDITS

Prereq: A E 271 OR 272; PHYS 111

6985005 A MW 1:10-2:00  
 T 1:10-3:00  
 MEETS: JAN 9-MAY 4

6985010 B MW 1:10-2:00  
 R 8:00-9:50  
 MEETS: JAN 9-MAY 4

AUTOMATION SYSTEMS TSM 465 3 CREDITS

Prereq: 363

Note: COURSE RESTRICTED TO AST & I TEC MAJORS ONLY  
 7973005 A TR 11:00-11:50  
 T 3:10-5:00  
 MEETS: JAN 9-MAY 4

Note: Materials, field trips &/or travel fee \$25.00  
 7973010 B TR 11:00-11:50  
 R 2:10-4:00  
 MEETS: JAN 9-MAY 4

Note: Materials, field trips &/or travel fee \$25.00  
 7973015 C TR 11:00-11:50  
 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

Note: Materials, field trips &/or travel fee \$25.00

INDU HYGIEN:HAZARDS TSM 470 3 CREDITS

Prereq: MATH 160 OR HIGHER

Note: Available for nonmajor graduate credit  
 5639005 T 9:00-9:50, ARRANGED  
 MEETS: JAN 9-MAY 4

Note: Course delivery is WWW

SAFETY LABORATORY TSM 471 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN 470

5640005 R 9:00-10:50  
 MEETS: JAN 9-MAY 4

INDEP STUDY HONORS TSM 490H 1- 4 CREDITS

Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT

AND APPROVAL BY DEPARTMENT  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED

TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.  
 COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS

ONLY.  
 Department permission required.

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

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TEXTILES & CLOTHING

IND STDY MANUFACTRG TSM 490I 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
 Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STDY BIOSYS MGT TSM 490J 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN SYS TSM 490M 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
 Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

IND STU OCCUP SAFET TSM 4900 1- 4 CREDITS  
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR  
 PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT  
 AND APPROVAL BY DEPARTMENT  
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED  
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION  
 Department permission required.  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

WKSHP ELEC&ELECTRON TSM 493D 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

TEC TRAVL PREDEPART TSM 496A 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Meets international perspectives reqmt  
 9384800 EU ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC EU PRE-TRAVEL COURSE TO EUROPE. TRAVEL  
 SUMMER 2010  
 Instructor permission required.

ADV DESIGN&MANUFACT TSM 540 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 4557005 MW 2:10-3:30  
 MEETS: JAN 9-MAY 4

SPL TP ANIM ENV/AIR TSM 590A 1- 4 CREDITS  
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG  
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN  
 INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL 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

MASTER'S TECH COMM TSM 598 1 CREDIT  
 Satisfactory-Fail Only.  
 1911005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

TEACHING PRACTICUM TSM 694 1- 3 CREDITS  
 1919005 ARRANGED  
 MEETS: JAN 9-MAY 4

TECHNOLGY INTERNSHP TSM 697 R CREDIT  
 Prereq: PERMISSION OF MAJOR PROFESSOR AND  
 APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION  
 Satisfactory-Fail Only.  
 4646005 ARRANGED  
 MEETS: JAN 9-MAY 4

DOCTORAL TECH COMM TSM 698 1 CREDIT  
 Satisfactory-Fail Only.  
 1926005 ARRANGED  
 MEETS: JAN 9-MAY 4

RESEARCH TSM 699 1- 6 CREDITS  
 \*\*\*\*\*  
 SEE DEPT FOR REFERENCE NUMBERS

OVRRVIEW FASHION IND T C 131 3 CREDITS  
 Prereq: 131  
 8338005 1A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS ONLY

8338010 1B MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D, T C.

DRESS&DIVRSTY SOCIE T C 165 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 6603005 1A TR 12:30-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS ONLY

6603010 1B TR 12:30-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D, T C.

TEXTILE SCIENCE T C 204 4 CREDITS  
 Prereq: 3 CR IN T C  
 Note: COURSE RESTRICTED TO AMDP, A M D, ARTID, FCEDS,  
 T C MAJORS  
 6604005 1 ARRANGED, TR 8:00-9:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO T C MAJORS ONLY.  
 Materials fee \$25.00

COMPUTR APP TEXTL&C T C 210 2 CREDITS  
 Prereq: 131, 245; CR OR ENROLLMENT IN AESHM 111  
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS .  
 5087005 1 TR 1:10-3:00  
 MEETS: JAN 9-MAY 4

5087010 2 TR 9:00-10:50  
 MEETS: JAN 9-MAY 4

APPARL ASSEMBL PROC T C 221 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 204  
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY  
 6602005 1 M 9:00-9:50  
 TR 11:00-12:50  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 Materials and professional support fee \$145.00

6602010 2 M 9:00-9:50  
 WF 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required 1st week.  
 Materials and professional support fee \$145.00

PATTERNMAKING I T C 225 4 CREDITS  
 Prereq: 131, 204, 221, PERMISSION OF INSTRUCTOR  
 6607005 1 MWF 8:00-9:50  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 Materials fee \$68.00

6607010 2 MWF 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 Materials fee \$68.00

PRODUCT DEVELOP&MFG T C 231 4 CREDITS  
 Prereq: 204  
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY  
 6608005 1 MWF 11:00-11:50  
 W 12:10-2:00  
 MEETS: JAN 9-MAY 4

6608010 2 MWF 11:00-11:50  
 W 2:10-4:00  
 MEETS: JAN 9-MAY 4

6608015 3 MWF 11:00-11:50  
 R 4:10-6:00PM  
 MEETS: JAN 9-MAY 4

AESTHETC&BRAND IMAG T C 245 3 CREDITS  
 Prereq: 131, 165; CREDIT OR ENROLLMENT IN 204  
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY  
 6609005 1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 RESTRICTED TO A M D, AMDP AND T C  
 MAJORS ONLY

6609010 2 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 FOR MAJORS OTHER THA AMDP, A M D OR  
 T C.

FASHION ILLUSTRATN T C 278 3 CREDITS  
 Prereq: 131, 245 OR CONCURRENT ENROLLMENT,  
 PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY  
 Instructor permission required.  
 6611005 1 MWF 12:10-2:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$35.00

6611010 2 MWF 2:10-4:00  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$35.00

TEXTILES & CLOTHING

(CONTINUED)

BASC CRTV DSGN REVW T C 301A .5 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 225, 278.  
 CONCURRENT ENROLLMENT IN 301A AND 301B IS REQUIRED  
 FIRST TIME TAKEN.  
 Note: ONLY 1 CREDIT IN T C 301 MAY BE APPLIED  
 TOWARD GRADUATION  
 Instructor permission required.  
 Satisfactory-Fail Only.  
 4420005 1 ARRANGED  
 MEETS: MARCH 5-MAY 4

BASC TECH DSGN REVW T C 301B .5 CREDIT  
 Prereq: CREDIT OR ENROLLMENT IN 225, 278.  
 CONCURRENT ENROLLMENT IN 301A AND 301B IS REQUIRED  
 FIRST TIME TAKEN.  
 Note: ONLY 1 CREDIT IN T C 301 MAY BE APPLIED  
 TOWARD GRADUATION  
 Instructor permission required.  
 Satisfactory-Fail Only.  
 5568005 1 ARRANGED  
 MEETS: MARCH 5-MAY 4

CPTR INTEGRAT DSIGN T C 321 3 CREDITS  
 Prereq: CREDIT OR ENROLLMENT IN 278, INSTRUCTOR  
 PERMISSION  
 Note: Instructor permission required.  
 6605005 MWF 2:10-4:00  
 MEETS: JAN 9-MAY 4

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  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials and equipment use fee \$65.00

CREATV DSIGN PROCES T C 326 3 CREDITS  
 Prereq: 301A, 321  
 6619005 1 TR 8:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 Materials fee \$45.00

HIST 20TH C FASHION T C 356 3 CREDITS  
 Prereq: 3 CR HIST OR ART H. T C 204 RECOMMENDED.  
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY  
 4473005 1 TR 12:10-1:30  
 MEETS: JAN 9-MAY 4

CULTUR PERSPC DRESS T C 362 3 CREDITS  
 Prereq: 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC  
 Note: Meets international perspectives reqmt  
 6622005 1A MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS ONLY  
 6622010 1B MWF 10:00-11:20  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D, T C.

SOURCNG&GLOBAL ISSU T C 372 3 CREDITS  
 Prereq: 231, AESHM 275. RECOMMEND ECON 101 OR 102  
 Note: Meets international perspectives reqmt  
 8133005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

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 AMDP, A M D, T C MAJORS ONLY  
 6625005 1 MF 3:10-4:00  
 W 3:10-5:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 6625010 2 MF 3:10-4:00  
 R 2:10-4:00, ARRANGED  
 MEETS: JAN 9-MAY 4

TXTILE COLOR THEORY T C 404 3 CREDITS  
 Prereq: 204, 245; ONE NATURAL SCIENCE COURSE  
 (PHYSICS OR CHEMISTRY RECOMMENDED)  
 6613005 MW 3:10-4:30  
 MEETS: JAN 9-MAY 4

APPARL PRODUCTN MGT T C 431 3 CREDITS  
 Prereq: 231. T C 221 IS RECOMMENDED.  
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY  
 6618005 1 TR 1:10-3:30  
 MEETS: JAN 9-MAY 4  
 Note: Materials, field trips &/or travel fee \$45.00

RETAIL INFO ANALYSI T C 475 3 CREDITS  
 Prereq: 376  
 4159005 1 MW 12:10-1:00  
 F 10:00-11:50  
 MEETS: JAN 9-MAY 4  
 4159010 2 MW 12:10-1:00  
 F 12:10-2:00  
 MEETS: JAN 9-MAY 4

TEXTILES & CLOTHING

(CONTINUED)

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

IND ST TX&DRESS HIS T C 490B VAR. CREDITS  
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
 ADVISER AND DEPARTMENT CHAIR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU TXTL&AP DSN T C 490C VAR. CREDITS  
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
 ADVISER AND DEPARTMENT CHAIR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

INDEP STUDY HONORS T C 490H VAR. CREDITS  
 Prereq: 6 CR IN T C, PERMISSION OF INSTR, ADVISER  
 AND DEPT CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS  
 ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MERCHANDSG T C 490I VAR. CREDITS  
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
 ADVISER AND DEPARTMENT CHAIR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

IND STDY P R&PUBLSH T C 490T VAR. CREDITS  
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
 ADVISER AND DEPARTMENT CHAIR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY PROD DEV T C 490U VAR. CREDITS  
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
 ADVISER AND DEPARTMENT CHAIR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOURC&GLBL T C 490V VAR. CREDITS  
 Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,  
 ADVISER AND DEPARTMENT CHAIR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SENIOR DSIGN STUDIO T C 495 3 CREDITS  
 Prereq: 321,325,326, INSTRUCTOR PERMISSION  
 3914005 1 TR 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.  
 Materials fee \$45.00

FASHN FORCAST&PRODC T C 496 3 CREDITS  
 Prereq: 231, 245, AESHM 275  
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY  
 4507005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

UNDERGRAD RESEARCH T C 499 1- 3 CREDITS  
 Prereq: SENIOR CLASSIFICATN, 15 CREDITS IN T C,  
 PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS



TEXTILES & CLOTHING (CONTINUED)

THEATRE (CONTINUED)

TXTILE COLOR THEORY T C 504 3 CREDITS  
 Prereq: 204, 245; ONE NATURAL SCIENCE COURSE  
 (PHYSICS OR CHEMISTRY RECOMMENDED)  
 6647005 MW 3:10-4:30  
 MEETS: JAN 9-MAY 4  
  
 DIGITL TXTL&AP DSGN T C 521 3 CREDITS  
 Prereq: EXPERIENCE WITH FLAT PATTERN OR DRAPING  
 TECHNIQ & IMAGE MANIPULATION SOFTWARE. INSTR PERMISSN  
 4170005 MW 10:00-11:20  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$200.00  
  
 HIST 20TH C FASHION T C 556 3 CREDITS  
 Prereq: GRADUATE STANDING  
 4521005 1 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
  
 SPL TOP TEXTILE SCI T C 590A VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOP HIST TEXTIL T C 590B VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOP TXTL&AP DSN T C 590C VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOPC AESTHETICS T C 590D VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOP HIST COSTUM T C 590E VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOP SOC-PSY ASP T C 590F VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOP CONSMR BEHV T C 590G VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOP MERCHANDSNG T C 590I VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPCL TOPICS MUSEUMS T C 590M VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOP PRODUCN MGT T C 590N VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOPC TECH DESGN T C 590O VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOP INTERDISCIP T C 590P VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOP SMALL BUSIN T C 590S VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 SPL TOP P R &PUBLSH T C 590T 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 GLB ISS&SRC T C 590V VAR. CREDITS  
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 ADVANCED TOPICS T C 690 VAR. CREDITS  
 Prereq: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSN  
 OF INSTRUCTOR, AND APPROVAL OF D.O.G.E.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 RESEARCH T C 699 VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**THEATRE**

INTR PERFORMNG ARTS THTRE 106 3 CREDITS  
 6729005 A MWF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 6729010 B MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

THEATRE AND SOCIETY THTRE 110 3 CREDITS  
 1103005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
  
 THE ACTOR'S VOICE THTRE 151 3 CREDITS  
 Note: COURSE RESTRICTED TO PERF MAJORS ONLY  
 6730005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
  
 CONCERT&THTRE DANCE THTRE 224 .5- 2 CREDITS  
 Prereq: BY AUDITION ONLY  
 Note: Instructor permission required 1st week.  
 Satisfactory-Fail Only.  
 6731005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY  
 6731010 2 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY  
 6731015 3 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 3 OFFERED FOR 2 CREDITS ONLY  
  
 THEATRE PRACTICUM THTRE 250 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 6732005 M 5:10-6:00PM  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
  
 ACTING I THTRE 251 3 CREDITS  
 6733005 A MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 6733010 B TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6733015 C MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
  
 INTR THEATRICAL PROD THTRE 255 4 CREDITS  
 6734005 A MWF 1:10-2:00  
 M 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 6734010 B MWF 1:10-2:00  
 W 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 6734015 C MWF 1:10-2:00  
 R 2:10-5:00  
 MEETS: JAN 9-MAY 4  
 6734020 D MWF 1:10-2:00  
 F 2:10-5:00  
 MEETS: JAN 9-MAY 4  
  
 SCRIPT ANALYSIS THTRE 263 3 CREDITS  
 6763005 TR 9:30-10:50  
 MEETS: JAN 9-MAY 4  
  
 SPECIAL PROJECTS THTRE 290 1- 3 CREDITS  
 Prereq: 3 CREDITS IN THEATRE; PERMISSION OF  
 INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS  
  
 ACTING II THTRE 351 3 CREDITS  
 Prereq: 251, DANCE 120 RECOMMENDED  
 6737005 1 MWF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 6737010 2 MWF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
  
 MUSICAL THEATRE II THTRE 355 3 CREDITS  
 Prereq: 354  
 3132005 TR 2:10-3:30, ARRANGED  
 MEETS: JAN 9-MAY 4  
  
 STAGECRAFT THTRE 360 4 CREDITS  
 Prereq: 255  
 6742005 TR 9:30-10:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
  
 THEATRICAL DESIGN II THTRE 366 3 CREDITS  
 Prereq: 365  
 7920005 TR 11:00-12:20  
 ARRANGED  
 MEETS: JAN 9-MAY 4  
  
 DIRECTING II THTRE 456 3 CREDITS  
 Prereq: 455  
 1116005 MW 2:10-3:30  
 MEETS: JAN 9-MAY 4  
  
 THEATRC DESIGN STDO THTRE 461 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6743005 MWF 10:00-10:50  
 F 11:00-11:50  
 ARRANGED  
 MEETS: JAN 9-MAY 4

THEATRE

(CONTINUED)

TRANSPORTATION

HIST OF THEATRE II THTRE 466 3 CREDITS  
 Prereq: 465  
 Note: Available for nonmajor graduate credit  
 6749005 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

ADV THTRE PRACTICUM THTRE 469 1- 3 CREDITS  
 Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATN  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CREDITS  
 Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN  
 PROPOSAL, JUNIOR CLASSIFICATION  
 Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE  
 APPLIED TOWARD GRADUATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1- 8 CREDITS  
 Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED  
 APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR  
 OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL  
 AND 3.00 IN THTRE COURSES  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THTRE 590 1- 4 CREDITS  
 Prereq: APPROVED WRITTEN PROPOSAL  
 Note: Permission of department chair required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TRANSP RSRCH METHDS TRANS 555 3 CREDITS  
 Prereq: C E 350 OR 355  
 1956005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEMINAR TRANSP PLAN TRANS 691 1- 3 CREDITS  
 6786005 ARRANGED  
 MEETS: JAN 9-MAY 4

RESEARCH TRANS 699 VAR. CREDITS  
 6787005 ARRANGED  
 MEETS: JAN 9-MAY 4

UNIVERSITY STUDIES

FRST-YR SEM I:CHAMP U ST 101D 1 CREDIT  
 Prereq: ACCEPTANCE/PARTICIPATION IN APPROPRIATE  
 LEARNING COMMUNITY OR SPECIAL PROGRAM  
 Satisfactory-Fail Only.  
 5713005 1 M 8:00-8:50  
 MEETS: JAN 9-MAY 4

5713010 2 T 8:00-8:50  
 MEETS: JAN 9-MAY 4

FIRST-YR SEM II:MVP U ST 102A 1 CREDIT  
 Prereq: 101 OR INSTRUCTOR PERMISSION  
 Satisfactory-Fail Only.  
 5727005 1 ARRANGED  
 MEETS: JAN 9-MAY 4

5727010 2 ARRANGED  
 MEETS: JAN 9-MAY 4

5727015 3 ARRANGED  
 MEETS: JAN 9-MAY 4

5727020 4 ARRANGED  
 MEETS: JAN 9-MAY 4

CARVER FRESHMN SEMN U ST 106 1 CREDIT  
 Prereq: ACCEPTANCE IN CARVER ACADEMY PROGRAM,  
 GEORGE WASHINGTON CARVER SCHOLARSHIP RECIPIENT  
 Note: Meets U.S. diversity reqmt  
 Satisfactory-Fail Only.  
 4173005 1 M 10:00-10:50  
 MEETS: JAN 9-MAY 4

4173010 2 T 10:00-10:50  
 MEETS: JAN 9-MAY 4

4173015 3 R 10:00-10:50  
 MEETS: JAN 9-MAY 4

4173020 4 W 10:00-10:50  
 MEETS: JAN 9-MAY 4

CARVER SEM:PEER MNT U ST 206 1 CREDIT  
 Prereq: 106  
 Note: Meets U.S. diversity reqmt  
 Satisfactory-Fail Only.  
 4184005 1 W 2:10-3:00  
 MEETS: JAN 9-MAY 4

MCNAIR:LIT &METHDOL U ST 302 1 CREDIT  
 Prereq: 301  
 Satisfactory-Fail Only.  
 6494005 1 M 6:10-8:00PM  
 MEETS: JAN 9-MAY 4

LEADERS SMNR I:HIXS U ST 311A 1 CREDIT  
 Prereq: 101  
 Satisfactory-Fail Only.  
 7281005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: SEC 1 FOR HIXSON SCHOLARS ONLY.

CY AIDE LEADRS SMNR U ST 315X 2 CREDITS  
 Prereq: SELECTION AS A CYCLONE AIDE STUDENT  
 LEADER  
 Satisfactory-Fail Only.  
 2359005 1 TR 8:00-9:20  
 MEETS: JAN 9-MAY 4

MCNAIR:FINAL REPORT U ST 402 1 CREDIT  
 Prereq: 401  
 Satisfactory-Fail Only.  
 6495005 1 T 6:10-8:00PM  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY U ST 490 VAR. CREDITS  
 Prereq: PERMISSION OF THE ASSOCIATE PROVOST  
 Note: PERMISSION OF THE CHAIR OF THE INTERNATIONAL  
 STUDIES COMMITTEE & ASSOCIATE PROVOST ARE REQUIRED.  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS U ST 590 VAR. CREDITS  
 Prereq: PERMISSION OF GRADUATE COLLEGE  
 Note: Department permission required.  
 8502002 1 ARRANGED  
 MEETS: JAN 9-MAY 4

8502004 2 ARRANGED  
 MEETS: JAN 9-MAY 4

8502006 3 ARRANGED  
 MEETS: JAN 9-MAY 4

8502008 4 ARRANGED  
 MEETS: JAN 9-MAY 4

TOXICOLOGY

FOODBORNE HAZARDS TOX 419 3 CREDITS  
 Prereq: MICRO 201 OR 302, A COURSE IN BIOCHEMSTRY  
 Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR  
 FS HN/TOX/NUTRS 519, BUT NOT BOTH, MAY BE APPLIED  
 TOWARD GRADUATION.  
 Available for nonmajor graduate credit  
 8578005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

TOXICOLOGY METHODS TOX 502 3 CREDITS  
 Prereq: 501  
 6768005 TR 1:10-4:00, ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Materials fee \$350.00

TOXICOLOGY SEMINAR TOX 504 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 7126005 T 4:10-5:00  
 MEETS: JAN 9-MAY 4

VETERNRY TOXICOLOGY TOX 526 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 9010005 MTR 11:00-11:50  
 MEETS: JAN 9-MAY 4

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CREDITS  
 Prereq: DVM DEGREE OR 526  
 1231005 ARRANGED  
 MEETS: JAN 9-MAY 4

PESTICIDES IN ENVIR TOX 550 2 CREDITS  
 Prereq: 9 CREDITS OF BIOLOGICAL SCIENCES  
 9666005 TR 9:00-9:50  
 MEETS: JAN 9-MAY 4

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

ADV FOOD MICROBIOLG TOX 626 3 CREDITS  
 Prereq: FS HN 420 OR 421 OR 504  
 6776005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

RAPID MTH FD MICROB TOX 627 2 CREDITS  
 Prereq: FS HN 420 OR 421 OR 504  
 8340005 1 MW 1:10-2:00  
 MEETS: JAN 9-MAY 4

CELL&MOLEC PATHO II TOX 656 3 CREDITS  
 Prereq: GRAD COURSE IN BIOCHEM, GEN OR CELL BIOL  
 2305005 T 9:00-10:50 ACKERMANN M  
 R 9:00-9:50 ACKERMANN M  
 MEETS: JAN 9-MAY 4

GRAD RESEARCH ROTAT TOX 697 1-12 CREDITS  
 Prereq: ADMISSION TO TOX GRADUATE PROGRAM  
 8363005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

UNIVERSITY STUDIES (CONTINUED)

SPECIAL TOPICS U ST 590 VAR. CREDITS  
 8502010 5 ARRANGED  
 MEETS: JAN 9-MAY 4

**VET DIAGNOSTIC & PRODUCTION AN MED**

SPANISH FOR VETRNRN VDPAM 308 2 CREDITS  
 Prereq: BASIC KNOWLEDGE OF SPANISH  
 9308005 W 3:10-4:00, ARRANGED  
 MEETS: JAN 9-MAY 4

INTR PROD INFRMTICS VDPAM 309 1 CREDIT  
 8724005 M 12:10-1:00  
 MEETS: JAN 9-MAY 4

INTR PRODUCTION MED VDPAM 310 2 CREDITS  
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED  
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED  
 JUNIORS AND SENIORS.  
 8463005 W 1:10-3:00  
 MEETS: JAN 9-MAY 4

VET IN SOCIETY II VDPAM 312 1 CREDIT  
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED  
 1665005 F 9:00-9:50

CLINICAL FNDATION I VDPAM 340 1 CREDIT  
 Prereq: CLASSIFICATION IN VET MED  
 4872005 ARRANGED  
 MEETS: JAN 9-MAY 4

BASC LVSTK NUTRI&FD VDPAM 350 1 CREDIT  
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE  
 8695005 T 12:10-1:00  
 MEETS: JAN 9-MAY 4

BOVIN EMBRYO TRNSFR VDPAM 351 2 CREDITS  
 Prereq: CLASSIFICATION AS 2ND OR 3RD YEAR V MED  
 9310005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV DAIRY INFORMTCS VDPAM 402 2 CREDITS  
 Prereq: 309 OR PERMISSION OF INSTRUCTOR  
 Note: Available for nonmajor graduate credit  
 2547005 A ARRANGED  
 MEETS: JAN 9-MAY 4  
 2547010 B ARRANGED  
 MEETS: JAN 9-MAY 4  
 2547015 C ARRANGED  
 MEETS: JAN 9-MAY 4  
 2547020 D ARRANGED  
 MEETS: JAN 9-MAY 4  
 2547025 E ARRANGED  
 MEETS: JAN 9-MAY 4

CLINCL DECISN MAKNG VDPAM 407 1 CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 5440005 ARRANGED  
 MEETS: JAN 9-MAY 4

POULTRY DISEASES VDPAM 408 2 CREDITS  
 Prereq: ENROLLMENT IN COLLEGE OF VETERINARY MED  
 5607005 ARRANGED  
 MEETS: JAN 9-MAY 4

VET PRAC ENTREPRENR VDPAM 414 2 CREDITS  
 7216005 TR 12:10-1:00  
 MEETS: JAN 9-MAY 4

BOVIN REPROD EV LAB VDPAM 416 1 CREDIT  
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED  
 5110005 A M 1:10-5:00  
 MEETS: JAN 9-MARCH 2  
 5110010 B W 1:10-5:00  
 MEETS: JAN 9-MARCH 2  
 5110015 C F 1:10-5:00  
 MEETS: JAN 9-MARCH 2  
 5110020 D M 1:10-5:00  
 MEETS: MARCH 5-MAY 4  
 5110025 E W 1:10-5:00  
 MEETS: MARCH 5-MAY 4  
 5110030 F F 1:10-5:00  
 MEETS: MARCH 5-MAY 4

PRECPTSP V MED PRA VDPAM 420 1- 6 CREDITS  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
 9072005 ARRANGED  
 MEETS: JAN 9-MAY 4

VET TOXICOLOGY VDPAM 426 3 CREDITS  
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED  
 6860005 MTR 11:00-11:50  
 MEETS: JAN 9-MAY 4

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

BEEF RECORDS ANALYS VDPAM 436 1- 2 CREDITS  
 Prereq: 1ST, 2ND OR 3RD YEAR CLASSIF IN VET MED  
 OR PERMISSION OF INSTRUCTOR  
 4535005 1 ARRANGED  
 MEETS: JAN 9-MAY 4  
 4535010 2 ARRANGED  
 MEETS: JAN 9-MAY 4

DAIRY HERD PROBL ID VDPAM 437 2 CREDITS  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
 6425005 ARRANGED

MASTITIS PROB INVSTG VDPAM 438 2 CREDITS  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
 6861005 ARRANGED

COW&CALF PROB:NUTRI VDPAM 439 2 CREDITS  
 Prereq: 4TH-YEAR CLASSIFICATON IN VET MED  
 6422005 ARRANGED  
 MEETS: JAN 9-MAY 4

CLINICAL MEDICINE VDPAM 445 3 CREDITS  
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED  
 6865005 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

CLIN EMBRYO TRNSFR VDPAM 451 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 4334005 MTWRF 8:00-5:00  
 MEETS: JAN 9-MAY 4

DIAGNOS LAB PRACTCM VDPAM 455 1 CREDIT  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6827005 MTWRF 8:00-5:00

ADV STCKR/FDLOT MED VDPAM 464 2 CREDITS  
 Prereq: 310  
 9311005 ARRANGED  
 MEETS: JAN 9-MAY 4

FD AN&CAM FIELD SRV VDPAM 476 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,  
 310  
 8725005 MTWRF 8:00-5:00

FD ANM&CAM MED&SURG VDPAM 477 1- 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2012  
 Permission of instructor required. Process  
 approved add slip in 2270A Vet Med.  
 6909005 MTWRF 8:00-11:50  
 MTWRF 12:10-5:00

SWI PROD MED PRECEP VDPAM 479 1- 6 CREDITS  
 Prereq: 310  
 5454005 ARRANGED

SWINE PRODUCTN MED VDPAM 480 2 CREDITS  
 Prereq: 310 OR PERMISSION OF INSTRUCTOR  
 5572005 MTWRF 8:00-11:50  
 MTWRF 1:10-5:00

ADV COW/CF PROD MED VDPAM 481 2 CREDITS  
 Prereq: COMPLETION OF TWO SEMESTERS OF 436,  
 4TH YEAR CLASSIFICATION IN V MED  
 9150005 ARRANGED  
 MEETS: JAN 9-MAY 4

BF PRCP MD WITH DVM VDPAM 482A 1- 6 CREDITS  
 Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
 TO SITE  
 6598005 ARRANGED

PRECPTR BULL BREEDI VDPAM 482B 1- 6 CREDITS  
 Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
 TO SITE  
 6610005 ARRANGED

APPLIED MED CALVING VDPAM 482C 1- 6 CREDITS  
 Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
 TO SITE  
 6621005 ARRANGED

APP MD BF FEEDL MGT VDPAM 482D 1- 6 CREDITS  
 Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
 TO SITE  
 6629005 ARRANGED

APP BF MED WEAN MGT VDPAM 482E 1- 6 CREDITS  
 Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
 TO SITE  
 6653005 ARRANGED

APP BF MD PREG EXAM VDPAM 482F 1- 6 CREDITS  
 Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
 TO SITE  
 6694005 ARRANGED

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

APP MED BOVIN REPRO VDPAM 482G 1- 6 CREDITS  
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
TO SITE  
6697005 ARRANGED

APP MD BF FEEDL MGT VDPAM 482I 1- 6 CREDITS  
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
TO SITE  
7185005 ARRANGED

APP PROD MD LAMBING VDPAM 482J 1- 6 CREDITS  
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
TO SITE  
9414005 ARRANGED  
MEETS: JAN 9-MAY 4

APP MED EQUIN DENTI VDPAM 482K 1- 6 CREDITS  
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
TO SITE  
9413005 ARRANGED  
MEETS: JAN 9-MAY 4

APP MD CALF PRECOND VDPAM 482M 1- 6 CREDITS  
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
TO SITE  
9415005 ARRANGED  
MEETS: JAN 9-MAY 4

APP MD LG ANIM SURG VDPAM 482P 1- 6 CREDITS  
Prereq: 310, INSTR PERMISSION, ABILITY TO TRAVEL  
TO SITE  
9416005 ARRANGED  
MEETS: JAN 9-MAY 4

BEEF PRODUCTION MED VDPAM 483 2 CREDITS  
Prereq: 310  
5562005 MTWRF 8:00-11:50  
MTWRF 2:10-5:00

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS  
Prereq: 484  
5431005 ARRANGED  
MEETS: JAN 9-MAY 4

INTR SM RUM PROD MD VDPAM 486 1 CREDIT  
Prereq: CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS IN VET  
MED COLLEGE. SOPHOMORES REQUIRE PERMISSION OF  
INSTRUCTOR  
4549005 1 W 12:10-1:00, ARRANGED  
MEETS: JAN 9-MAY 4

CLINIC MICROBIO LAB VDPAM 488 1 CREDIT  
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
6950005 MTWRF 8:30-11:20  
MEETS: JAN 9-MAY 4

ISSUES FOOD SAFETY VDPAM 489 1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR 272  
OR HRI 233; FS HN 419 OR 420; FS HN 403  
8351005 MW 2:10-3:00  
MEETS: MARCH 5-MAY 4

INDEPENDENT STUDY VDPAM 490 1- 5 CREDITS  
Prereq: PERMISSION OF DEPARTMENT CHAIR  
Note: Permission of instructor required. Process  
approved add slip in 2270A Vet Med.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV RUMINANT NUTRIT VDPAM 491 3 CREDITS  
Prereq: 350 IS RECOMMENDED  
Note: Available for nonmajor graduate credit  
3991005 ARRANGED  
MEETS: JAN 9-MAY 4

ORIENTA INT'L EXPER VDPAM 492 1 CREDIT  
Prereq: CLASSIFICATION IN VET MED  
6468005 ARRANGED  
MEETS: JAN 9-MAY 4

ADV DAIRY PROD M II VDPAM 494 2 CREDITS  
Prereq: 484 OR PERMISSION OF INSTRUCTOR  
Note: Available for nonmajor graduate credit  
1372005 ARRANGED  
MEETS: JAN 9-MAY 4

ADV SM RUMN PROD MD VDPAM 495 2 CREDITS  
Prereq: FOURTH YEAR CLASSIFICATION IN V MED;  
VDPAM 486 OR PERMISSION OF INSTRUCTOR  
9309005 ARRANGED  
MEETS: JAN 9-MAY 4

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS  
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
Note: COURSE RESTRICTED TO COLLEGE OF VET MED SOPH AND  
ABOVE.  
7848005 ARRANGED  
MEETS: JAN 9-MAY 4

CLINCL DECISN MAKNG VDPAM 507 1 CREDIT  
Prereq: PERMISSION OF INSTRUCTOR  
5439005 ARRANGED  
MEETS: JAN 9-MAY 4

POULTRY DISEASES VDPAM 508 2 CREDITS  
Prereq: ENROLLMENT IN COLLEGE OF VET MED  
5634005 ARRANGED  
MEETS: JAN 9-MAY 4

VET PRAC ENTREPRENR VDPAM 514 2 CREDITS  
Prereq: GRADUATE VETERINARIAN OR DVM-DUAL  
GRADUATE DEGREE CANDIDATE  
8890005 TR 12:10-1:00  
MEETS: JAN 9-MAY 4

FOOD:RISK,BENEF,SCI VDPAM 521X 3 CREDITS  
Prereq: STAT 104 OR EQUIVALENT  
9505005 ARRANGED  
MEETS: JAN 9-MAY 4

PRIN OF EPIDEMIOLOGY VDPAM 522 3 CREDITS  
6895005 ARRANGED  
MEETS: JAN 9-MAY 4

VETERNRY TOXICOLOGY VDPAM 526 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY  
6897005 MTR 11:00-11:50  
MEETS: JAN 9-MAY 4

INTRO DNA TECHNIQS VDPAM 542A 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7389005 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: JAN 10-FEB 9  
Note: Materials and equipment use fee \$25.00

INTR PROTEIN TECHNQ VDPAM 542B 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7391005 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS VDPAM 542C 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7400005 TR 1:10-2:00  
TR 2:10-4:00  
MEETS: MARCH 27-APRIL 26

INTR PLNT TRNSFM TQ VDPAM 542D 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7409005 ARRANGED  
MEETS: JAN 9-MAY 4

INTR METABLMCS TCNQ VDPAM 542F 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
9033005 M 1:10-4:00, ARRANGED PERERA M  
MEETS: FEB 6-APRIL 16  
Note: Materials and equipment use fee \$25.00

INTRO GENOMIC TECNQ VDPAM 542G 1 CREDIT  
Prereq: GRADUATE CLASSIFICATION  
Satisfactory-Fail Only.  
7867005 M 2:10-4:00  
W 2:10-4:00  
MEETS: MARCH 5-APRIL 2

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS  
Prereq: D.V.M. DEGREE OR 526  
7676005 ARRANGED  
MEETS: JAN 9-MAY 4

ADV VET DIAGNOS LAB VDPAM 551 1- 3 CREDITS  
Prereq: 455  
4233005 ARRANGED  
MEETS: JAN 9-MAY 4

ADV COW/CF PROD MED VDPAM 581 2 CREDITS  
Prereq: COMPLETION OF TWO SEMESTERS OF 436,  
4TH YEAR CLASSIFICATION IN V MED  
9312005 ARRANGED  
MEETS: JAN 9-MAY 4

SPECIAL TOPICS VDPAM 590 1- 3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP VDPAM 596 1-12 CREDITS  
Prereq: ADMISSION TO GRADUATE COLLEGE  
7868005 ARRANGED  
MEETS: JAN 9-MAY 4

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS  
 Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE PROGRAM  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SWINE PROD MED VDPAM 655 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6946005 ARRANGED  
 MEETS: JAN 9-MAY 4

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

**VETERINARY CLINICAL SCIENCES**

SHELTER MEDICINE V C S 305 1 CREDIT  
 Prereq: FIRST YEAR CLASSIFICATION IN VETERINARY MEDICINE OR WITH PERMISSION OF INSTRUCTOR  
 6948005 R 12:10-1:00

VET IN SOCIETY V V C S 315 1 CREDIT  
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED  
 7785005 1 RF 8:00-5:00  
 MEETS: JAN 5-6

SEMINAR V C S 385 R CREDIT  
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE Satisfactory-Fail Only.  
 7446005 F 8:00-8:50

SURGERY PRINCIP LAB V C S 394 1 CREDIT  
 Prereq: 2ND YR CLASSIFICATION IN VET MED  
 3831005 1 W 1:10-3:00  
 3831010 2 W 3:10-5:00

SMALL ANIML SURGERY V C S 395 2 CREDITS  
 Prereq: 394  
 3873005 TR 8:00-8:50

EQUINE SURGERY V C S 396 2 CREDITS  
 Prereq: 394  
 3899005 ARRANGED

ANESTHESIOLOGY V C S 398 1 CREDIT  
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
 3472005 M 9:00-9:50  
 MEETS: JAN 9-MAY 4

OPHTHALMOLOGY V C S 399 1 CREDIT  
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED  
 3476005 F 11:00-11:50

ONCOLOGY V C S 409 1- 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2012  
 9213005 MTWRF 8:00-5:00

COMPANION AN NUTRI V C S 414 1 CREDIT  
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED  
 7777005 ARRANGED  
 MEETS: JAN 9-MARCH 2

ADV SML AN DERMATOL V C S 415 2 CREDITS  
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED  
 7778005 R 2:10-3:00  
 R 3:10-5:00  
 MEETS: JAN 9-MAY 4

PRECEPTOR COMPAN/EQ V C S 419 2- 6 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE  
 1664005 ARRANGED  
 Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

SM ANIML SHELTR MED V C S 437 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
 7944005 MTWRF 8:00-5:00  
 MEETS: JAN 9-MAY 4

INTRO TO CLINICS V C S 440 R CREDIT  
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED  
 Note: MUST BE CONCURRENTLY ENROLLED IN SAME SECTION LETTER OF V C S 447, 449  
 Instructor permission required 1st week.  
 6880005 ARRANGED

CANINE REHABILITATN V C S 441 1- 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2012  
 9232005 MTWRF 8:00-5:00

EQUINE LAMENESS V C S 443 2 CREDITS  
 Prereq: 2ND OR 3RD YR CLASSIFICATION IN VET MED  
 6882005 R 1:10-5:00, ARRANGED  
 MEETS: JAN 9-MARCH 2

VETERINARY CLINICAL SCIENCES (CONTINUED)

CLINICAL NEUROLOGY V C S 446 2 CREDITS  
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED  
 5112005 MTWRF 8:00-5:00

EQUINE DIAGNOS SKIL V C S 447 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS IN THE COLLEGE OF VET MED.  
 9171005 RF 1:10-6:00PM  
 MEETS: MARCH 5-MAY 4

DIAGNO IMAG&RADIOBI V C S 448 3 CREDITS  
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED  
 6886005 1 TR 10:00-10:50  
 T 1:10-3:00  
 6886010 2 TR 10:00-10:50  
 T 3:10-5:00

ADV SURG NEU H SOCI V C S 451A 2 CREDITS  
 Prereq: 449  
 5369005 1 W 11:00-11:50  
 M 1:10-5:00  
 MEETS: MARCH 5-MAY 4  
 Note: Materials and equipment use fee \$150.00

ADV TRADIT SURG LAB V C S 451B 2 CREDITS  
 Prereq: 449  
 7005005 1 W 11:00-11:50  
 M 1:10-5:00  
 MEETS: JAN 9-MARCH 2  
 Note: Materials fee \$250.00

7005010 2 W 11:00-11:50  
 F 1:10-5:00  
 MEETS: JAN 9-MARCH 2  
 Note: Materials fee \$250.00  
 7005015 3 W 11:00-11:50  
 M 1:10-5:00  
 MEETS: MARCH 5-MAY 4  
 Note: Materials fee \$250.00

CLINICL DERMATOLOGY V C S 452 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 SMALL ANIMAL OPTION  
 1931005 MTWRF 8:00-5:00

SMALL ANIMAL MED I V C S 453 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6889005 MTWRF 8:00-5:00

SMALL ANIMAL MED II V C S 454 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6890005 MTWRF 8:00-5:00

SM AN SOFT TISS SUR V C S 455 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6891005 MTWRF 8:00-5:00

SM AN ORTHOPED SURG V C S 456 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6892005 MTWRF 8:00-5:00

EQUINE MEDICINE V C S 457 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6893005 MTWRF 8:00-11:50  
 MTWRF 2:10-5:00

EQUINE SURGERY V C S 458 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6894005 MTWRF 8:00-11:50  
 MTWRF 2:10-5:00

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 4050005 MTWRF 8:00-5:00  
 Note: OMAHA Field trips & travel fee \$200.00

SM AN OVERPOP D.M. V C S 459B 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 4107005 MTWRF 8:00-5:00  
 Note: DES MOINES Field trips & travel fee \$200.00

SM AN OVERPOP K.C. V C S 459C 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 4313005 ARRANGED  
 Note: KANSAS CITY Field trips & travel fee \$200.00

RADIOLOGY V C S 460 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6896005 MTWRF 8:00-5:00

ADV SM AN INTRNL MD V C S 461 1 CREDIT  
 Prereq: 444, 436  
 2491005 T 5:10-6:00PM

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

PRIMARY CARE V C S 463 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
 2322005 MTWRF 8:00-5:00

EQUINE FIELD SERVIC V C S 464 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 4247005 MTWRF 8:00-5:00

FARRIER V C S 465 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,  
 457, 458  
 7756005 MTWRF 8:00-5:00

VET ANESTHESIOLOGY V C S 466 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6898005 MTWRF 8:00-5:00

PAIN MANAGEMENT V C S 467 1- 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 9108005 MTWRF 8:00-5:00  
 MEETS: JAN 9-MAY 4

INTENSIVE CARE V C S 468 4 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6900005 ARRANGED

OPHTHALMOLOGY V C S 469 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6901005 MTWRF 8:00-5:00

RADIOLOGY V C S 470 VAR. CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,  
 460 RECOMMENDED  
 Note: Permission of instructor required. Process  
 approved add slip in 2270A Vet Med.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EQUINE REPRODUCTION V C S 471E VAR. CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
 Note: Permission of instructor required. Process  
 approved add slip in 2270A Vet Med.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SML ANIM REPRODUCTN V C S 471S VAR. CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
 Note: Permission of instructor required. Process  
 approved add slip in 2270A Vet Med.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SMALL ANIMAL MED V C S 472 VAR. CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 Note: Permission of instructor required. Process  
 approved add slip in 2270A Vet Med.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURG ORTHO V C S 473O 1 CREDIT  
 Note: Permission of instructor required. Process  
 approved add slip in 2270A Vet Med.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SML AN SURG SOF TIS V C S 473S 1 CREDIT  
 Note: Permission of instructor required. Process  
 approved add slip in 2270A Vet Med.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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: COURSE OFFERED FOR 1-2 CREDITS SPRING 2012  
 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

SM ANIML ANESTHESIO 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

INTENSIVE CARE V C S 478 VAR. CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 Note: Permission of instructor required. Process  
 approved add slip in 2270A Vet Med.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

OPHTHALMOLOGY V C S 479 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, VCS  
 469  
 Note: Permission of instructor required. Process  
 approved add slip in 2270A Vet Med.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV EQUIN DENTISTRY V C S 481X 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED  
 2142005 ARRANGED  
 MEETS: JAN 9-MAY 4

ADV SM AN ORTHO SUR V C S 483O 2 CREDITS  
 Prereq: VM4 CLASSIFICATION AND V C S 473  
 Note: COURSE RESTRICTED TO VET MED SENIORS  
 2972005 ARRANGED

ADV SM AN SOFT SURG V C S 483S 2 CREDITS  
 Prereq: VM4 CLASSIFICATION AND V C S 473  
 Note: COURSE RESTRICTED TO VET MED SENIORS  
 3076005 ARRANGED

INDEPENDENT STUDY V C S 490 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS V C S 490H VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR  
 MEMBERSHIP IN UNIV HONORS PROGRAM  
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS  
 ONLY.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ORIENTN INT'L EXPR V C S 492 1 CREDIT  
 Prereq: CLASSIFICATION IN VET MED  
 6148005 ARRANGED

SEMINAR V C S 495 R CREDIT  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 Satisfactory-Fail Only.  
 6914005 F 8:00-8:50

INT'L PRECEPTORSHIP V C S 496 1-12 CREDITS  
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED  
 6094005 ARRANGED

SPL TOPICS MEDICINE V C S 590A 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY V C S 590B 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP THERIOGENOL V C S 590C 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC RADIOLOGY V C S 590D 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOG V C S 590E 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CREDITS  
 Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM  
 6920005 ARRANGED  
 MEETS: JAN 9-MAY 4

SEMINAR V C S 604 1 CREDIT  
 6921005 ARRANGED

ADV SPECIAL SURGERY V C S 672 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 6926005 ARRANGED

RESEARCH MEDICINE V C S 699A VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY V C S 699B VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH THERIOGENOLGY V C S 699C VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLOGY V C S 699E VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**VETERINARY MICROBIOLOGY & PREV MED**

VETERINARY MICROBIOLOGY & PREV MED (CONTINUED)

CASE STUDY IV V MPM 378 2 CREDITS  
 Prereq: 2ND-YEAR CLASSIFICATION IN VET MED  
 6744005 MR 1:10-2:00  
 MEETS: JAN 9-MAY 4

VETERINARY IMMUNOLGY V MPM 380 2 CREDITS  
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED  
 6941010 WF 11:00-11:50  
 MEETS: JAN 9-MAY 4

VETERINARY VIROLOGY V MPM 387 3 CREDITS  
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED  
 6943010 1 TWR 9:00-9:50  
 MEETS: JAN 9-MAY 4

PUBLIC HEALTH&VT PRO V MPM 388 3 CREDITS  
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED  
 6944005 1 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

TOPICS VET HISTORY V MPM 390 1 CREDIT  
 7244005 1 MW 12:10-1:00  
 MEETS: MARCH 5-MAY 4

INFECT DIS WILD ANI V MPM 409 1 CREDIT  
 Prereq: SECOND YEAR CLASSIFICATION IN VET MED  
 8783005 1 T 5:10-7:00PM  
 MEETS: JAN 9-MAY 4

INFEC DIS&PREVN MED V MPM 437 3 CREDITS  
 Prereq: THRD-YEAR CLASSIFICATION IN V MED  
 6949005 1 MWF 10:00-10:50  
 MEETS: JAN 9-MAY 4

PUBLIC HEALTH LAB V MPM 486 2 CREDITS  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 6951005 MTWRF 2:10-5:00

INDEPENDENT STUDY V MPM 490 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR  
 Note: Permission of instructor required. Process  
 approved add slip in 2270A Vet Med.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ZOO PRECEPTORSHIP V MPM 494 1- 8 CREDITS  
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRIN OF EPIDEMIOLOGY V MPM 522 3 CREDITS  
 6957005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTRO DNA TECHNIQS V MPM 542A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 4278005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: JAN 10-FEB 9  
 Note: Materials and equipment use fee \$25.00

INTR PROTEIN TECHNQ V MPM 542B 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 4372005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: FEB 14-MARCH 23

INTRO CELL TECHNIQS V MPM 542C 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 4280005 TR 1:10-2:00  
 TR 2:10-4:00  
 MEETS: MARCH 27-APRIL 26

INTR PLNT TRNSFM TQ V MPM 542D 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 4337005 ARRANGED  
 MEETS: JAN 9-MAY 4

INTR METABLMCS TCNQ V MPM 542F 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 9031005 M 1:10-4:00, ARRANGED PERERA M  
 MEETS: FEB 6-APRIL 16  
 Note: Materials and equipment use fee \$25.00

INTRO GENOMIC TECNQ V MPM 542G 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 7959005 M 2:10-4:00  
 W 2:10-4:00  
 MEETS: MARCH 5-APRIL 2

PRO PRCTC:RSPBL RES V MPM 565A 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 4764005 1 T 11:00-11:50  
 MEETS: JAN 9-MAY 4

4764010 2 W 11:00-11:50  
 MEETS: JAN 9-MAY 4

PRO PRCTCE:WRK INDU V MPM 565B .5 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 4766005 ARRANGED  
 MEETS: JAN 9-MAY 4

IMMUNOLOGY V MPM 575 3 CREDITS  
 Prereq: 310  
 Note: CREDIT FOR EITHER V MPM 520 OR MICRO/V MPM 575,  
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
 5606005 MWF 8:00-8:50  
 MEETS: JAN 9-MAY 4

ANIMAL VIROLOGY V MPM 587 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 7951005 ARRANGED  
 MEETS: JAN 9-MAY 4

SPECIAL TOPICS V MPM 590 1- 5 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V MPM 599 VAR. CREDITS  
 Prereq: NONTHESIS M.S. OPTION ONLY  
 7307005 ARRANGED  
 MEETS: JAN 9-MAY 4

7307115 ET ARRANGED  
 MEETS: JAN 9-MAY 4

ADV TOPC CELL IMUNL V MPM 629 2 CREDITS  
 Prereq: 520, 575  
 6965005 ARRANGED  
 MEETS: JAN 9-MAY 4

CURR TOPICS IMMUNOL V MPM 690A 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CURR TOP INFECT DIS V MPM 690B 1- 3 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEMN MOLEC,C,DV BIO V MPM 698 1- 2 CREDITS  
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2012.  
 7082005 M 3:10-5:00  
 MEETS: JAN 9-MAY 4

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

**VETERINARY PATHOLOGY**

ANATOMC PATHOLOGY I V PTH 342 3 CREDITS  
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED  
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS  
 7445005 1 M 1:10-2:00 MYERS R  
 F 8:00-8:50 MYERS R  
 W 1:10-3:00 MYERS R  
 MEETS: JAN 9-MAY 4

7445010 2 M 1:10-2:00 MYERS R  
 F 8:00-8:50 MYERS R  
 W 3:10-5:00 MYERS R  
 MEETS: JAN 9-MAY 4

INTR VET CYTOL&TCNQ V PTH 409 1 CREDIT  
 Prereq: 3RD YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO VET MED JUNIORS ONLY.  
 8991005 1 T 1:10-3:00 HOSTETTER S  
 MEETS: JAN 9-MAY 4

8991010 2 T 3:10-5:00 HOSTETTER S  
 MEETS: JAN 9-MAY 4

LLAMA MEDICINE V PTH 410 1 CREDIT  
 Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN V MED  
 4362005 T 5:30-7:30PM JARVINEN J  
 MEETS: JAN 9-MARCH 2

CLINICAL PATHOLOGY V PTH 425 4 CREDITS  
 Prereq: 372  
 7004005 MF 10:00-10:50 BENDER H  
 TWR 10:00-10:50 BENDER H  
 R 11:00-11:50 BENDER H  
 MEETS: JAN 9-MAY 4

VETERINARY PATHOLOGY (CONTINUED)

VETERINARY PATHOLOGY (CONTINUED)

NECROPSY LAB PRACT V PTH 456 1 CREDIT  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 7007005 MTWRF 1:10-5:00 FALES-WILLIAMS A  
 S 10:00-11:50 FALES-WILLIAMS A  
 Note: Materials and professional support fee \$150.00

CLIN PATH LAB PRACT V PTH 457 1 CREDIT  
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED  
 Note: COURSE RESTRICTED TO VET MED SENIORS  
 7008005 MTWRF 8:00-11:50 FLAHERTY H

INDEPENDENT STUDY V PTH 490 VAR. CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR  
 Note: Permission of instructor required. Process  
 approved add slip in 2270A Vet Med.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ANATOMY PATHOLOGY I V PTH 542 3 CREDITS  
 Prereq: GRAD CLASSIFICATN & BIOL 352 OR EQUIV FOR  
 GRAD CREDIT, PERMISSION OF INSTRUCTOR  
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY  
 7015005 1 M 1:10-2:00 MYERS R  
 F 8:00-8:50 MYERS R  
 W 1:10-3:00 MYERS R  
 MEETS: JAN 9-MAY 4  
 7015010 2 M 1:10-2:00 MYERS R  
 F 8:00-8:50 MYERS R  
 W 3:10-5:00 MYERS R  
 MEETS: JAN 9-MAY 4

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS  
 Prereq: 376 OR 576  
 9668005 ARRANGED JARVINEN J  
 MEETS: JAN 9-MAY 4

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT  
 Prereq: 457, PERMISSION OF INSTRUCTOR  
 Satisfactory-Fail Only.  
 7037005 ARRANGED ANDREASEN C  
 MEETS: JAN 9-MAY 4  
 Note: Instructor permission required.

SURGICAL PATHOL LAB V PTH 550 1- 3 CREDITS  
 Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 7479005 ARRANGED HAYNES J  
 MEETS: JAN 9-MAY 4

POSTMORT PATHOL LAB V PTH 551 1- 3 CREDITS  
 Prereq: 542, PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 7038005 MTWRF 1:10-5:00 FALES-WILLIAMS A  
 S 10:00-11:50 FALES-WILLIAMS A  
 MEETS: JAN 9-MAY 4

ETHICS IN SCI RSRCH V PTH 554 1 CREDIT  
 Prereq: GRADUATE CLASSIFICATION  
 Satisfactory-Fail Only.  
 5755005 ARRANGED HOSTETTER J  
 MEETS: JAN 9-MAY 4

SPL TOPC VET PATHOL V PTH 590A 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 590B 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP VET CLIN PTH V PTH 590D 1- 4 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

CRTV CMP VET PATHOL V PTH 599A VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASI V PTH 599B VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP V CLIN PTH V PTH 599D VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PATHOL CASE SEMINAR V PTH 604 1- 2 CREDITS  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 Satisfactory-Fail Only.  
 7027005 R 12:10-1:00  
 MEETS: JAN 9-MAY 4

CURR TOPICS SEMINAR V PTH 605 1 CREDIT  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 7029005 ARRANGED ACKERMANN M  
 MEETS: JAN 9-MAY 4

DIAG INTERP V PARAS V PTH 606B R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 7030005 ARRANGED JARVINEN J  
 MEETS: JAN 9-MAY 4

DIAG INTERP VET TOX V PTH 606C R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 5787005 ARRANGED  
 MEETS: JAN 9-MAY 4

DIAG INTERP CLINPTH V PTH 606D R CREDIT  
 Prereq: PERMISSION OF INSTRUCTOR  
 Note: Instructor permission required.  
 9694005 ARRANGED ANDREASEN C  
 MEETS: JAN 9-MAY 4

CELL&MOLEC PATHO II V PTH 656 3 CREDITS  
 Prereq: GRAD COURSE IN BIOCHEM, GENETICS OR CELL  
 BIOLOGY  
 9674005 T 9:00-10:50 ACKERMANN M  
 R 9:00-9:50 ACKERMANN M  
 MEETS: JAN 9-MAY 4

HISTOPATH LAB ANIML V PTH 679 2 CREDITS  
 Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR  
 7048005 ARRANGED MYERS R  
 MEETS: JAN 9-MAY 4

VET PATHOLOGY RSRCH V PTH 699A VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLGY RES V PTH 699B VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CREDITS  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

**WOMEN'S STUDIES**

GENDER JUSTICE W S 160 1 CREDIT  
 Note: CROSS-LISTED WITH U ST 160. SEE U ST FOR COURSE  
 DESCRIPTION.  
 Meets U.S. diversity reqmt  
 Satisfactory-Fail Only.  
 2484005 1 M 9:00-10:50  
 MEETS: MARCH 5-MAY 4  
 2484010 2 T 2:10-4:00  
 MEETS: MARCH 5-MAY 4  
 2484015 3 F 10:00-11:50  
 MEETS: MARCH 5-MAY 4  
 2484020 4 W 2:10-4:00  
 MEETS: MARCH 5-MAY 4  
 2484025 5 R 2:10-4:00  
 MEETS: MARCH 5-MAY 4

INTRO WOMEN'S STUDI W S 201 3 CREDITS  
 Meets U.S. diversity reqmt  
 7058005 A M 2:10-3:00  
 WF 2:10-3:00  
 MEETS: JAN 9-MAY 4  
 7058010 B M 2:10-3:00  
 WF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 7058015 C M 2:10-3:00  
 WF 10:00-10:50  
 MEETS: JAN 9-MAY 4  
 7058020 D M 2:10-3:00  
 WF 11:00-11:50  
 MEETS: JAN 9-MAY 4  
 7058025 E M 2:10-3:00  
 WF 12:10-1:00  
 MEETS: JAN 9-MAY 4  
 7058030 F M 2:10-3:00  
 WF 1:10-2:00  
 MEETS: JAN 9-MAY 4  
 7058035 G M 2:10-3:00  
 WF 3:10-4:00  
 MEETS: JAN 9-MAY 4  
 7058605 XU ARRANGED HETZEL L  
 MEETS: MARCH 5-MAY 4  
 Note: Section XU is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00  
 7058610 XV ARRANGED HETZEL L  
 MEETS: MARCH 5-MAY 4  
 Note: Section XV is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00  
 7058600 XW ARRANGED HETZEL L  
 MEETS: JAN 9-MARCH 2  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00



WOMEN'S STUDIES

(CONTINUED)

WOMEN'S STUDIES

(CONTINUED)

HUMAN REPRODUCTION W S 258 3 CREDITS  
 Prereq: BIOL 101, OR 155, OR 211  
 7059005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

WOMEN & GENDER INT'L W S 301 3 CREDITS  
 Prereq: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE  
 Note: Meets international perspectives reqmt  
 Available for nonmajor graduate credit  
 7060005 TR 11:00-12:20  
 MEETS: JAN 9-MAY 4

CREAT WRITING FICTN W S 304 3 CREDITS  
 Prereq: ENGL 250 OR ENGL 105, NOT OPEN  
 TO FRESHMEN  
 6463005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 6463010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

ECON OF DISCRIMINAT W S 321 3 CREDITS  
 Prereq: ECON 101  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 7070005 1 MWF 9:00-9:50 HUFFMAN S  
 MEETS: JAN 9-MAY 4

GENDER & COMMUNICTN W S 323 3 CREDITS  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 3533005 A TR 11:00-12:20  
 MEETS: JAN 9-MAY 4  
 3533010 B TR 12:40-2:00  
 MEETS: JAN 9-MAY 4  
 3533015 C TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

MEDIA PORTR GNDR&SX W S 325 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: RESTRICTED TO SOPHOMORES AND ABOVE.  
 9115005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

SEX&GENDER IN SOCIE W S 327 3 CREDITS  
 Prereq: SOC 130 OR 134  
 Note: SEC A1, B1 RESTRICTED TO SOC, P S A, W S.  
 SEC A2, B2 FOR MAJORS OTHER THAN SOC, P S A, W S.  
 Meets U.S. diversity reqmt  
 7061005 A1 T 4:10-7:00PM  
 MEETS: JAN 9-MAY 4  
 7061010 A2 T 4:10-7:00PM  
 MEETS: JAN 9-MAY 4  
 7061015 B1 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4  
 7061020 B2 MWF 9:00-9:50  
 MEETS: JAN 9-MAY 4

WOMEN & LEADERSHIP W S 333 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 7481005 TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

PSYCHOLOGY OF WOMEN W S 346 3 CREDITS  
 Prereq: 2 COURSES IN PSYCH INCLUDING PSYCH 101  
 Note: Meets U.S. diversity reqmt  
 7064005 A1 TR 12:40-2:00 SCHEEL K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY  
 7064010 A2 TR 12:40-2:00 SCHEEL K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

GAY AND LESBIAN LIT W S 352 3 CREDITS  
 Prereq: ENGL 250 OR ENGL 105  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 8706005 A1 MW 3:10-4:30 HICKOK K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY  
 8706010 A2 MW 3:10-4:30 HICKOK K  
 MEETS: JAN 9-MAY 4  
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

WM&MEN ANC MEDITRNN W S 374 3 CREDITS  
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN,  
 OR GREEK  
 Note: Meets international perspectives reqmt  
 2256005 MWF 11:00-11:50  
 MEETS: JAN 9-MAY 4

HIST OF AMER WOMEN W S 386 3 CREDITS  
 Prereq: SOPHOMORE CLASSIFICATION  
 Note: Meets U.S. diversity reqmt  
 7068600 XW ARRANGED BIX A  
 MEETS: JAN 9-MAY 4  
 Note: Section XW is off campus  
 Course delivery is WWW  
 Delivery fee \$150.00

FEMINIST THEORIES W S 401 3 CREDITS  
 Prereq: 201 OR 3 CR IN W S AT 300-LEVEL OR ABOVE  
 Note: Available for nonmajor graduate credit  
 Department permission required 1st week.  
 7069005 A TR 11:00-12:15  
 MEETS: JAN 9-MAY 4

WOMEN, MEN & ENGL LANG W S 422 3 CREDITS  
 Prereq: ENGL 219  
 Note: Meets U.S. diversity reqmt  
 Available for nonmajor graduate credit  
 1540005 A TR 2:10-3:30  
 MEETS: JAN 9-MAY 4

INTRSECT RACE, CLASS W S 425 3 CREDITS  
 Prereq: 201 AND ONE ADDITIONAL W S COURSE  
 7073005 MW 4:10-5:30  
 MEETS: JAN 9-MAY 4

INDEPENDENT STUDY W S 490 1- 3 CREDITS  
 Prereq: ANY TWO COURSES IN W S  
 Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE  
 APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR  
 Department permission required.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP W S 491 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 4097005 ARRANGED  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required.

SENIOR THESIS W S 499 3 CREDITS  
 Prereq: SENIOR CLASSIFICATION  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CNTMP FEMINST THEOR W S 501 3 CREDITS  
 4873005 A TR 11:00-12:15  
 MEETS: JAN 9-MAY 4  
 Note: Department permission required 1st week.

INTRSECT RACE, CLASS W S 525 3 CREDITS  
 Prereq: 201 AND ONE ADDITIONAL W S COURSE  
 7076005 MW 4:10-5:30  
 MEETS: JAN 9-MAY 4

SPECIAL TOPICS W S 590 VAR. CREDITS  
 Prereq: PERMISN OF WOMEN'S STUDIES PROG DIRECTOR  
 Note: Department permission required 1st week.  
 \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PEDAGOGI OF DISSENT W S 621 3 CREDITS  
 Prereq: 620  
 9437005 T 2:10-5:00 OSEI-KOFI N  
 MEETS: JAN 9-MAY 4

**WORLD LANGUAGES AND CULTURES**

CULTURS IN TRANSITN WLC 250 3 CREDITS  
 Note: TOPIC: RUSSIAN CULTURE IN THE 20TH & 21ST  
 CENTURIES.  
 Meets international perspectives reqmt  
 5201005 1 TR 12:40-2:00  
 MEETS: JAN 9-MAY 4

STDT TCH WORLD LANG WLC 417G VAR. CREDITS  
 Prereq: ADMISSION TO TEACHER EDUCATION, APPROVAL  
 OF COORDINATOR DURING SEMESTER BEFORE STUDENT  
 TEACHING  
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE  
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM  
 8139005 1 ARRANGED  
 MEETS: JAN 9-APRIL 20  
 Note: SEC 1 OFFERED FOR 14 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 8139010 2 ARRANGED  
 MEETS: JAN 23-MAY 4  
 Note: SEC 2 OFFERED FOR 12 CREDITS  
 Professional support, field trips &/or  
 travel fee \$370.00  
 8139015 3 ARRANGED  
 MEETS: JAN 9-MARCH 2  
 Note: SEC 3 OFFERED FOR 8 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00  
 8139020 4 ARRANGED  
 MEETS: MARCH 5-MAY 4  
 Note: SEC 4 OFFERED FOR 8 CREDITS.  
 Instructor permission required.  
 Professional support, field trips &/or  
 travel fee \$370.00

WORLD LANGUAGES AND CULTURES

(CONTINUED)

WRLD LANGU MTHDS EL WLC 486 3 CREDITS

Prereq: 25 CREDITS IN A WORLD LANGUAGE

Note: Available for nonmajor graduate credit

9208600 XW ARRANGED ROSENEBUSCH M

MEETS: JAN 9-MAY 4

Note: Section XW is off campus

Course delivery is WWW

Delivery fee \$150.00