Spring Semester 2009
University Holiday January 1
Classes Begin January 12
Spring Break March 16-20
Final Exams May 3-7
Commencement May 8 (undergraduate)
University Holiday January 19

Registration Start Dates for Spring 2009
Veterinary Medicine students: Wednesday, October 22
Graduate students: Wednesday, October 22-Friday, October 24
All seniors: Thursday, October 23-Wednesday, October 29
Projected juniors: Thursday, October 30-Wednesday, November 5
Projected sophomores: Thursday, November 6-Wednesday, November 12
Continuing freshmen: Thursday, November 13-Thursday, November 20

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

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Key Dates, Dates & Deadlines

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 to 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. How to designate your emergency contacts: Sign onto AccessPlus, Click “emergency contact” in the left column you may provide information on up to five contacts.

Fee Payment Deadlines
Fee payment deadlines for Spring 2009 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 planning 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 show on your AccessPlus class schedule on Monday, December 8. To find a map of class room locations go to the ISU index under Classroom abbreviations.

Schedule Changes
You can make schedule changes using AccessPlus Registration through Friday, January 16. 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: answerscenter@iastate.edu.
University Calendar Spring 2009

Jan. 1, Fri. • University holiday—offices closed.
University bills with Spring 2009 tuition and fees charges available on AccessPlus http://accessplus.iastate.edu.


Jan. 9, Fri. • Last day to initiate registration in person without a late registration fee in the Registrar's Student Scheduling Office, 110 Enrollment Services Center, 5 p.m. Registration may be initiated using AccessPlus until 11 p.m. Jan. 11, without a late registration fee.

Jan. 11, Sun. • 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. 11.

Jan. 18, Fri. • Last day to change a full-semester or first half-semester course from Pass/Not Pass to grade basis after Jan. 16. Count toward total allowable P/NP credits used for graduation.

Feb. 10, Fri. • Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat.

Feb. 26, Mon. • Departmental final examination in all courses.

March 2, Mon. • Second half-semester courses begin.

March 6, Fri. • Spring semester ends.
University bills with Spring 2009 tuition and fees charges available on AccessPlus http://accessplus.iastate.edu.

March 24, Mon. • Graduation Application for Spring 2009 due in Registrar's Graduation Office, 210 Enrollment Services Center, or via www.iastate.edu/~Registrar/graduation.

April 17, Fri. • Last day to add/drop a second half-semester course without extraneous circumstances.

April 21, Tues. • Last day to drop a second half-semester course to or from Pass/Not Pass. Courses changed to graded basis after March 14 count toward total allowable P/NP credits used for graduation.

April 22, Wed. • Graduate College: last day to submit graded final examination copy for Thesis Office review.

April 23, Thurs. • Graduate College: last day for final submission of graduate student graduation approval slip.

April 24, Fri. • Spring semester ends. Final examinations.

April 30, Fri. • 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.

May 4, Mon., Fri. • Spring semester ends.
University bills with Summer 2009 tuition and fees charges available on AccessPlus http://accessplus.iastate.edu.

May 8, Fri. • Final examinations.
University bills with Summer 2009 tuition and fees charges available on AccessPlus http://accessplus.iastate.edu.

May 11, Mon. • Last day to file a Graduation Application for Fall 2010.

May 13, Wed., Fri. • Grade reports available on AccessPlus.

May 14, Thurs. • Final grades due on WebCT and AccessPlus.

University Calendar Spring 2009

Feb. 13, Fri. • Last day to drop a first half-semester course without extraneous circumstances.

Feb. 20, Fri. • Fee payment deadline, spring. Second payment minimum due.

Feb. 21, Sat. • Schedule of Classes for Fall 2009 available for viewing on the Web at http://classes.iastate.edu/.

Feb. 23, Mon. • Departments proof the preliminary Spring 2010 Schedule of Classes on the web at http://classes.iastate.edu/.

Feb. 24, Tues. • Registration Authorization Cards for Summer 2009 and Fall 2009 registration distributed to colleges, if applicable.

Feb. 27, Mon. • Deadline for submitting approved, new experimental course announcement forms (with all signatures) for Summer 2009 to the Registrar's Student Scheduling Office, 110 Enrollment Services Center.

Mar. 1, Fri. • Textbook & Supply requisitions for summer classes due to University Bookstore.

Mar. 6, Fri. • Midterm grade reports due from all departments on WebCT and AccessPlus.

Mar. 9, Mon. • First half-semester courses end.
Second half-semester courses begin.

Mar. 13, Fri. • Advising period for Spring and Fall 2009 registration begins.

Mar. 17, Mon.-Fri. • Spring break, classes recessed.

Mar. 20, Fri. • Final Semester 2009 Schedule of Classes proof copy due in Registrar's Office, with or without charges.
Prospective students should contact the Office of Admissions for information concerning admission procedures. Refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2009-2011 catalog for specific requirements for admission. Applications are available through the Iowa State University home page, by clicking on “Apply” under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

New 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 cannot be used on a graduate degree program. Students who have earned a bachelor's degree and wish to enroll in graduate level courses must apply as nondegree graduates if they have not been admitted to a graduate program. Only nine semester credits of graduate level courses taken as a nondegree graduate student may be applied toward a graduate degree if approved by the student's program of study committee.

Summer Trial Enrollment

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

Reentering Students

Undergraduate students, both nondegree and degree seeking:

Non-international undergraduate students, both degree and nondegree seeking, who are planning to return to Iowa State University after an absence of 12 or more months must complete a reentry form. A student who has previously attended Iowa State only as a non-degree student and who now seeks to earn an undergraduate degree should complete an undergraduate application. Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Tuition and Fees area, 0460 Beardshear, at 515-294-1889, or e-mail reentry@iastate.edu. Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work attempted to the Office of Admissions, 100 Enrollment Services Center.
Returning Students

International Students
All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU. International Students and Scholars or from the Tuition and Fees area at 460 Beardshear Hall. Return all parts of the completed reentry form and related documentation to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking Students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work to the Office of Admissions, 100 Enrollment Services Center. Once reentry has been approved, the reentry form will be forwarded to the Office of International Students and Scholars for financial certification and visa eligibility. Questions related to financial certification or visas should be directed to the Office of International Students and Scholars, 3248 Memorial Union, at 515-294-1120, or by e-mail: intlserv@iastate.edu.

Academically Dismissed
A student who was academically dismissed must submit (1) a reentry form to the Office of the Registrar, 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 regarding reentry.

Approving Reentry
Reentering 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 reentry.

How to Register
Reentering students should contact their adviser or departmental office to select courses and begin the registration process. New and reentering students are encouraged to register during the web registration period, and will be assigned registration start dates according to their year-in-school classification using the same general guidelines as currently enrolled students. Since courses begin to fill on the first day of the registration period, students should register as early as their start date and time allow.

Returning Students
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 complete the reentry form and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.

Academically Dismissed
Returning students who have been academically dismissed should contact their college student services office regarding procedures for reinstatement. Students who want to change colleges should contact their prospective college student services office.

Graduate Students
All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their major professor to discuss course selection. International graduate students must file a student financial statement for visa purposes. The form is available from International Students and Scholars, 252 Memorial Union.

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/

### To register, follow these steps:

1. **Students** meet with their academic adviser, who will provide the following:
   - degree audit
   - guidance in course selection
   - 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 Enrollment 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 7.

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 2009 is Sunday, January 11 for the Student Scheduling Office in 10 Enrollment Services Center for Spring 2009 is Friday, January 9. 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 9, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m. Sunday, January 11 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 your are not eligible,” click on the Details button on the Search page to view course section restrictions.**
- **If students are in a learning community, they must add the learning community reference number first before other courses exist on their schedule. They cannot drop a LTM without dropping all associated classes.**
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 the term. In addition to the course listing, the online information includes meeting rooms, seats open and additional instructor assignments as they become available.

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

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

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

AccessPlus
https://accessplus.iastate.edu/

AccessPlus is a secure and confidential campus information system that allows students to view a personalized menu from a campus or home workstation. A university ID plus a password are required to view personal information.

AccessPlus is available to Iowa State University students and faculty/staff, day or night, seven days a week, from anywhere in the world. Always remember to log out of AccessPlus if using a public computer. The following is a partial list of services available on AccessPlus:

- Register for classes
- View or print a current term or future term class schedule
- View residence hall information
- Complete residence hall contract
- Choose dining plan
- Buy Dining Dollars
- Add value to Cy Cash
- 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 1088T tuition summary statements for tax reports
- University campus. For details on how to review and update your ISU Alert information see http://isualert.iastate.edu/update.shtml

ISU Alert
http://isualert.iastate.edu/update.shtml

The ISU Alert system (see http://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

ISU 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.

How to designate your emergency contacts: Sign onto AccessPlus, Click “emergency contact” in the left column you may provide information on up to five contacts.

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 to 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.

Cancellation/Withdrawal of Registration

To cancel registration and avoid tuition assessment, notify the Office of the Registrar by Friday, January 9; or drop courses on AccessPlus by 11 p.m., Sunday, January 11. Beginning Monday, January 12 formal withdraw from the university to terminate registration and the student is subject to the tuition adjustment schedule. For more complete information on cancellation/withdrawal of registration, please refer to the “Tuition and Fees” section of this Schedule of Classes.
Spring 2009 Fee Schedule

Tuition and Fees
Tuition and fees are subject to change without notice. Enrolment 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 2009. Starting in and underwriting

<table>
<thead>
<tr>
<th>Full-Time Rates</th>
<th>Resident</th>
<th>Nonresident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate (12 or more credits)</td>
<td>$2,878</td>
<td>$6,486</td>
</tr>
<tr>
<td>Business Juniors and Seniors</td>
<td>$3,128</td>
<td>$6,738</td>
</tr>
<tr>
<td>Engineering Juniors and Seniors</td>
<td>$3,815</td>
<td>$9,406</td>
</tr>
<tr>
<td>Graduate (9 or more credits)</td>
<td>$3,358</td>
<td>$8,908</td>
</tr>
<tr>
<td>Engineering Graduate:</td>
<td>$3,880</td>
<td>$9,414</td>
</tr>
<tr>
<td>Veterinary Medicine (12+ credits)</td>
<td>$7,841</td>
<td>$18,630</td>
</tr>
</tbody>
</table>

For students enrolled for less than a full course load and for the most current and complete information, see the Fee Schedule Per Credit list at www.iastate.edu/~register/fees.

Tuition and Fees

Additional information:
- Audits and zero credit courses: assessed according to contact hours; maximum charge for zero credit courses is three credit hours.
- Audit course: assessed for the minimum fee only if no other credits are taken.
- Continuous registration fee for graduate students: $70.
- Partial credits (5): assessed on the next larger whole number of credits, e.g., 6.5 credits is assessed as 7 credits.
- Saturday MBA/OAS MOnies MBA classes: MBA students are assessed the graduate rate plus $133 per credit supplemental tuition fee (supplemental tuition fee subject to change without notice).
- Summer sessions: based on per credit as indicated in the fee schedule.
- Tuition assessment for study abroad credits: up to a maximum of 12 credits, is above and beyond tuition for other courses taken during the same term.

Fee Policies and Descriptions: 2009-2010
- Des Moines MBA program: courses are assessed at the graduate rate in the current fee schedule plus a $133 per credit supplemental tuition fee. Non-residents taking less than 4.5 credits are assessed at the resident rate.
- Developmental courses: 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 - $330
- Engl 99L - $240
- Engl 99R - $160
- Eng 99S - $480
- Frmc 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 students will pay the engineering differential tuition of the resident rate for distance education 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 absence (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., 1.5 credits are assessed at the 4-credit rate.
- R-credit (Required credit) coursework is assessed minimum tuition and fees equal to the 2 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- Saturday MBA program courses are assessed at the graduate rate in the current fee schedule plus a $133 per credit supplemental tuition fee. Fees are subject to change without notice.
- Workshop fee for one-credit workshops, with no other course enrollments, is $240 for undergraduate students and $374 for graduate students.
- Zero credit course is assessed based on contact hours with a maximum assessment of 3 credits.

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

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

Deferred Billing
Each term, if students do not pay their first installment in full by the due date they automatically select the deferred option, and will be charged a $20 administrative fee. University fees may be paid in three installments each academic term. Payments for fall semester will be due August 20, September 20, and October 20. Payments for spring semester will be due January 20, 2009, February 20, and March 20. Summer fees will be due May 20, June 20, and July 20.

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

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

Cancelling Registration
A cancellation is processed when a student notifies the Office of the Registrar of their decision not to attend classes for the current semester prior to the day class work begins. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 4:30 p.m. Friday, January 9, or drop all of your classes through AccessPlus by 11 p.m. Sunday, January 11.

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

Withdrawing Registration
Beginning the first day of class (Monday, January 12), 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 assessed, if appropriate, according to established policies approved by the Board of Regents, State of Iowa. For further information go to the ISU index under Tuition and Fees.

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

If the procedures for withdrawing from the university are not followed, instructors will assign whatever grades or marks they consider appropriate. Since these grades may be F’s, students are warned that failure to follow the prescribed withdrawal procedures may adversely affect a later application for reentry or transfer to another institution. For more information on withdrawal policies, refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2009-2011 catalog.
Tuition Adjustment Schedule
This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Spring 2009:

Withdrawal Date       Student Pays
Jan. 12-16      100%  
Jan. 17-26       25%     
Jan. 27-Feb. 2   50%     
Feb. 3-9        75%     
After Feb. 9     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 current 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 change is based on the effective date of the change. Fees are assessed based upon 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 pay a tuition 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 at any time during the semester will 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 after the first 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 Office of Tuition and Fees, 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.

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 December billing statement. Students that are subject to being dropped will be notified via their Iowa State e-mail account.

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 Governmental Board. Full-time students will be charged $226.3 across 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 be assessed based upon their enrollment status. For students who are double majors, regardless of the number of credits in and the fraction of time they are on an appointment.

Application Fee
A nonrefundable application fee must accompany the application for admission. The application fee for domestic students (both graduate and undergraduate) is $30; for students entering Spring 2009, $90; for international students entering Summer 2009 or later. The international application fee for undergraduates is $50 and for graduate students is $70 Spring 2009, or $90 for international graduates entering Summer 2009 or later. This fee does not apply to special students or workshop applicants.

Computer Fee
All students will be charged a computer fee each semester. Full-time graduate and undergraduate students enrolled in the College of Engineering (including Systems Engineering) or students majoring in Agricultural Systems Technology or Industrial Technology are charged $223 per semester. Full-time graduate and undergraduate majors in Computer Science, or Pre-Computer Science are charged $223. Full-time undergraduate majors enrolled in the College of Business except students in Pre-Business are charged $153 per semester, while full-time graduate students are charge $112 per semester. All full-time undergraduate majors enrolled in the College of Business will be charged the standard computer fee of $112 per semester. Full-time graduate students will be assessed $92.

Graduate students with graduate assistant appointments will be assessed $111.90 for those in the Engineering College and for students in the Graduate College, $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 an appointment.

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

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

Computer fee adjustment will be made according to the schedule for a reduction in credits. Refunds for credit reductions below a full time load are 100 percent through the second week (January 26), 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.

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 assistance.) 

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 S98 Health Fee, except for students enrolled for credits or less or 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; 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 assistance.)

Admissions Acceptance Fee
An Admissions Acceptance Fee is assessed to all new degree-seeking students prior to admission. This fee does not apply to nondegree seeking students, veterinary medicine students, graduates, transfers, or students enrolled exclusively in distance education courses. The amount is $275 for students entering Spring 2009, or $325 for students entering Summer 2009 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 and also appear on each student's schedule under detail on AccessPlus.

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

Undergraduate Students

Spring 2009 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 12, 2009. 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 address provided in registration. Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

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

Undergraduate university commencement ceremony will be held Saturday, May 9, 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 2009.

An “Application for Graduation” (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, January 16.

Last day for graduate students to cancel graduation is March 27. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.

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

Final oral examination must be taken by Friday, April 17.

Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, April 21. 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 23.

Signatures must be obtained on the “Graduate Student Approval Slip” by Friday, April 24. 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 emailed to their ISU email address approximately four weeks before graduation. Please notify the Office of the Registrar, 214 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 8 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 transcripts using the AccessPlus system.

Grade Reports

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

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

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

Approved Courses

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 detailed information about grading procedures, please refer to the Academic Life section of the Iowa State University catalog.
Veterans Educational Assistance

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

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 cr.</td>
<td>9 cr.</td>
</tr>
<tr>
<td>9-11.5 cr.</td>
<td>3/4 allowance</td>
</tr>
<tr>
<td>6-8.5 cr.</td>
<td>1/2 allowance</td>
</tr>
<tr>
<td>1.5-3 cr.</td>
<td>Proration of fee over period enrolled</td>
</tr>
</tbody>
</table>

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.accesplus.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:

2. Choose Students.
4. After logging in using a social security number or university ID and password, choose Address Change.
5. Read the announcements on the main AccessPlus page, then select the Students tab and choose Address Change.

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

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

ISU ALERT

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

Third Party Access

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

Information Disclosed to 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 disclosed is available through the ISU index under Information Disclosure for Students. 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.

Activities for Spouses/Domestic Partners and Children

The Spouse Activity card is valid for one academic year (fall through summer). There will be a charge for each replacement of an ISU Card. Disciplinary sanctions may be imposed for improper use of the ISU Card or attempts to obtain, by fraudulent means, any form of identification.

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; 515-294-0838
- 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, 515-294-0838
- University Child Care Center at Veterinary Medicine, 1700 Christensen Drive, 515-294-2273
- ISU Child Development Laboratory School, 0331 Palmer Building, 515-294-3040

Fee), students may apply for the Spouse/Domestic Partner Activity Cards for Spouses/Domestic Partners

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Personal and Academic Information

Date of Graduation; Advisor Name; Awards and Academic of Attendance at Iowa State; Full or Part-time Status; Expected Home City, County, State, or Country; Date and Place of Birth; Telephone Number; Campus E-mail Address; Interim Address; is available to anyone upon inquiry unless they request that has designated the following as public information which Rights and Privacy Act of 1974, as amended. The University Release of Student Records

requests, the university reserves the right to require adequate legal name. In evaluating and processing all name change policy regarding student names and name changes. The name Board of Regents, State of Iowa universities have a common copy of the information upon request.

294-1840 or from the Office of Admissions, 100 Enrollment Office of the Registrar, 214 Enrollment Services Center, 515-5. 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.

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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

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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 515-294-6633, or e-mail disabilitiesresources@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 your ISUCard should be reported immediately to the ISU Card 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. 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 Thelen 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 ISU Card Office in 0530 Beardshear. The cost is $10 per card, payable by cash or check, and the cards
**Course Information**

### Auditing Courses

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

- Students are assessed fees as though they are taking the course for credit, but the audited course does not count in determining full-time student status.
- Graduates: Audited courses do not 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.

### Auditing Courses

**Course Information**

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

### Audit Deadlines

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

- **Full semester courses:**
  - Adding an audit-day 10 deadline:
    - Through day 5 of classes: instructor approval required
    - Day 6-10: instructor, adviser approval required; schedule change fee applies.
  - After day 10: only with exigent circumstances, instructor, adviser, college approval required; schedule change fee applies.

  Changing status, from credit to audit-day 10 deadline:
  - Through day 5 of classes: instructor approval required
  - Day 6-10: instructor, adviser, college approval required; schedule change fee applies.
  - After day 10: only with exigent circumstances, instructor, adviser, college approval required; schedule change fee applies.

  Changing status from audit to credit-day 3 deadline:
  - Through day 5 of classes: instructor approval required

- **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 enroll 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/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 2009-2011 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.C.

### 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
**Course Information**

Students must drop credits before adding another course. Individual students. Students may request a change in their credit limit by contacting their adviser. Advisors 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 2009-2011 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), advisor/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 section 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 and the online Schedule of Classes, enter pm in the Section field. All courses meeting at 5 p.m. or later will be displayed. Remember that additional offerings may be listed so students should check the meeting times carefully. For questions regarding registration and/or fees, call (515) 294-1889.

**Partial-Semester Courses**

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

**Pass-Not Pass**

Students must contact their adviser/major professor to determine which courses they may take Pass-Not Pass. To take a course Pass-Not Pass, first add the course through the web registration system on a graded basis, then to declare the course as Pass-Not Pass, the student must obtain the signature of their adviser/major professor located in the Pass-Not Pass section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services Center. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2009-2011 catalog.

**Registration Holds**

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

**Restricted Sections of Courses**

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

**Room Assignments**

Beginning Monday, December 7, 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 and 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 the student 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.

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**Exams**

**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 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 2009**

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 2009-2011 catalog.

**Deparmental Test-out Exams**

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

**CLEP Exams**

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

CLEP exams are administered by the Student Counseling Service Testing Office, Room 3030 Student Services Building throughout the year. For information about test registration and fees and go to the ISU index, Test Out Exams, CLEP Testing.
Tentative Final Exam Schedule

All class work will close on Saturday, May 1 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 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 7:00-9:30 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 exams 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 2009 (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
- Frnc 102, 202
- Geol 100
- I E 105
- Math 160, 161, 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

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

IOWA STATE UNIVERSITY

Registration Worksheet

Name (please print) ___________________________ Date approved: ___________________________

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

A. View the Online Schedule of Classes at http://classes.iastate.edu/ for the list of classes offered for the term. Use the spaces provided below to plan the courses you want on your schedule.

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

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

D. Additional Registration Regulations

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

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

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

<table>
<thead>
<tr>
<th>Reference #</th>
<th>Department</th>
<th>Course</th>
<th>Section Credit</th>
<th>Meeting Day(s) and Time</th>
</tr>
</thead>
</table>

Alternative courses

<table>
<thead>
<tr>
<th>Reference #</th>
<th>Department</th>
<th>Course</th>
<th>Section Credit</th>
<th>Meeting Day(s) and Time</th>
</tr>
</thead>
</table>

Notes

Adviser signature: ___________________________ Date approved: ___________________________
<table>
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<td>7:00 a.m.</td>
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<td>12:10 noon</td>
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<td>3:10 p.m.</td>
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<td>4:10 p.m.</td>
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<td>5:10 p.m.</td>
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<td>6:00 p.m.</td>
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<td>8:00 p.m.</td>
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<td>9:00 p.m.</td>
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</tbody>
</table>
## Campus Buildings and Abbreviations

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

*Residence Hall

## Other Campus Buildings

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


ACCOUNTING

LEGAL ENVIRONMENT BUSINESS ACCOUNTING  ACCT 215  3 CR.
PREREQ: SOPH CLASSIFICATION
COURSE RESTRICTED TO SOPH AND ABOVE
5277005  A MWF 9:00-9:50
5277010  B MWF 11:00-11:50

FINANCIAL ACCOUNTING  ACCT 284  3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
COURSE NOT OPEN TO GRADUATE STUDENTS. COURSE
RESTRICTED TO SOPHS AND ABOVE.
1110005  A TR 12:40-2:00
1110010  B TR 11:00-12:20
1110015  C TR 9:30-10:50
1110020  D MWF 1:10-2:00

MANAGERIAL ACCOUNTING  ACCT 285  3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 284
COURSE NOT OPEN TO GRADUATE STUDENTS. COURSE
RESTRICTED TO SOPHS AND ABOVE.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1112005  A TR 9:30-10:50
1112010  B TR 11:00-12:20
1112015  C TR 12:40-2:00

HONORS MANAGERIAL ACCOUNTING  ACCT 285H  3 CR.
PREREQ: 284
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
ONLY.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
7690005  A MWF 10:00-10:50
SEC A RESTRICTED TO HONORS STUDENTS

BUSINESS LAW  ACCT 316  3 CR.
PREREQ: 215
COURSE RESTRICTED TO COLLEGE OF BUSINESS ONLY.
NOT OPEN TO P BUS MAJORS OR GRADUATE STUDENTS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5278005  A MWF 8:00-8:50

INTMEDIATE MANAGERIAL ACCOUNTING  ACCT 383  3 CR.
PREREQ: 285 OR 508
SEC A1,B1, ETC RESTRICTED TO ACCT MAJORS ONLY.
SEC A2,B2, ETC RESTRICTED TO BUS MAJORS EXCEPT ACCT,
P BUS OR GRADUATE STUDENTS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1117005  A1 MWF 11:00-11:50
1117010  A2 MWF 11:00-11:50
1117015  B1 MWF 12:10-1:00
1117020  B2 MWF 12:10-1:00
1117025  C1 TR 11:00-12:20
1117030  C2 TR 11:00-12:20

ACCOUNTING INFORMATION SYSTEMS  ACCT 384  3 CR.
PREREQ: 285
COURSE RESTRICTED TO ACCT MAJORS ONLY. NOT
OPEN TO P BUS OR GRADUATE STUDENTS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1123005  A MWF 11:00-11:50
ACCOUNTING

INTMED ACCOUNTING I   ACCT  386      3 CR.
PREREQ: 285 OR 508
SEC A1,B1 RESTRICTED TO ACCT MAJORS ONLY.
SEC A2,B2 FOR OTHER BUSINESS COLLEGE MAJORS
AND AG B. NOT OPEN TO P BUS MAJORS OR GRAD STUDENTS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1118005  A1 MWF 9:00-9:50
1118010  A2 MWF 9:00-9:50
1118015  B1 MWF 10:00-10:50
1118020  B2 MWF 10:00-10:50

INTMD ACCOUNTING II   ACCT  387      3 CR.
PREREQ: 386
SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY
SEC A2,B2,C2 RESTRICTED TO AG B, BUS S, BUS U,
FIN, MGMT, MIS, MKT, OSCM, LSCM MAJORS ONLY. NOT
OPEN TO P BUS OR GRADUATE STUDENTS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1119005  A1 MWF 9:00-9:50
1119010  A2 MWF 9:00-9:50
1119015  B1 MWF 10:00-10:50
1119020  B2 MWF 10:00-10:50
1119025  C1 MWF 1:10-2:00
1119030  C2 MWF 1:10-2:00

PRIN FED INCOME TAX   ACCT  485      3 CR.
PREREQ: 285 OR 508
SEC A1,B1 RESTRICTED TO ACCT MAJORS ONLY.
SEC A2,B2 RESTRICTED TO BUS MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1121005  A1 MWF 2:10-3:00
1121010  A2 MWF 2:10-3:00
1121015  B1 TR 11:00-12:20
1121020  B2 TR 11:00-12:20

VOLUN INCM TAX ASSI   ACCT  486X     1 CR.
PREREQ: 284
3365005     R 6:10-8:00PM

NONPROFIT INST ACCT   ACCT  488      3 CR.
PREREQ: 386
COURSE NOT OPEN TO P BUS OR GRADUATE STUDENTS
COURSE RESTRICTED TO COLLEGE OF BUSINESS MAJORS
ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1120005   A MWF 12:10-1:00

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

ADV ACCT PROBLEMS    ACCT  495    3 CR.
PREREQ: 387
COURSE RESTRICTED TO ACCT MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
7148005   A TR 9:30-10:50

INTRO TO AUDITING    ACCT  497    3 CR.
PREREQ: 384, 387, STAT 326
COURSE RESTRICTED TO ACCT MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
1126005   A MW 3:40-5:00
1126010   B TR 12:40-2:00

DATA MGT DECISION MAK    ACCT  533    3 CR.
PREREQ: MIS 503
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7169005   A S 6:00-9:30PM
SECT A: JAN 17-APRIL 11

TAX IMPLIC BUS DECI    ACCT  585    3 CR.
PREREQ: 285, 6 CREDITS IN ACCOUNTING OR 508
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
1130005   A TR 2:10-3:30

GOV'T & NON-PRFT ACCT    ACCT  588    3 CR.
PREREQ: 386 OR 592
2909005   A MWF 12:10-1:00

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

FINAN STATEMT ANALY    ACCT  594    3 CR.
PREREQ: 387 OR 592
5967005   A M 6:10-9:30PM

ADV ACCNTNG PROBLMS    ACCT  595    3 CR.
PREREQ: 387
1011005   A TR 9:30-10:50

INTERNATIONAL ACCT    ACCT  596    3 CR.
PREREQ: 386 OR 508
2892005   A MW 3:40-5:30

FIN ACCT:THRY & ISS    ACCT  598    3 CR.
PREREQ: 387 OR 594
5338005   A W 6:00-9:30PM

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

ADVERTISING

ADVERTISING PRINCIP    ADVRT 230    3 CR.
4667005   1 MWF 9:00-9:50
NEWELL J
ADVERTISING

STRATEG PLAN AD&P R  ADVRT 301  3 CR.
PREREQ: 230 OR JL MC 220; SOPHOMORE CLASSIFICATION
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 TR 12:40-2:00 SAR S
4439010 1B TR 12:40-2:00 SAR S
4439015 2A MW 9:30-10:45 MONAHAN L
4439020 2B MW 9:30-10:45 MONAHAN L
4439025 3A TR 9:30-10:45 SAR S
4439030 3B TR 9:30-10:45 SAR S
4439035 4A TR 12:40-2:00 THOMAS J
4439040 4B TR 12:40-2:00 THOMAS J

ADVERTISING CREATIVITY  ADVRT 334  3 CR.
PREREQ: JL MC 201; 301
COURSE RESTRICTED TO JL MC, ADVRT MAJORS
4669005 1 TR 3:10-4:40 THOMAS J

ADVERT MEDIA PLANNG  ADVRT 335  3 CR.
PREREQ: 301
4670005 1A MWF 2:10-3:00 NEWELL J
SEC 1A RESTRICTED TO JL MC, ADVRT, P JMC, P ADV
MAJORS.
4670010 1B MWF 2:10-3:00 NEWELL J
SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT,
P JMC, P ADV

AD MEDIA SALES &MGT  ADVRT 336  3 CR.
PREREQ: 301, 335, JL MC 201
COURSE RESTRICTED TO ADVRT, JL MC MAJORS
ONLY.
4440005 1 MWF 11:00-11:50 MONAHAN L

ADVERTISING CAMPGNS  ADVRT 434  3 CR.
PREREQ: 301; 334 OR 335 OR 336; MAJOR STATUS
COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
4685005 1 TR 12:40-2:00 MONAHAN L

AD PORTFOLIO PRACTCM  ADVRT 436  3 CR.
PREREQ: 334, INSTRUCTOR PERMISSION
COURSE RESTRICTED TO ADVRT, JL MC MAJOR ONLY.
4443005 1 TR 9:30-10:45 geske j

SPL TOPICS COMMUNIC  ADVRT 497  1- 3 CR.
OFFERED FOR 3 CREDITS SPRING 2009.
SEC 1A, 2A RESTRICTED TO JUNIORS AND ABOVE
IN ADVRT, JL MC, P ADV, OR P JMC MAJORS.
SEC 1B, 2B FOR JUNIORS & SENIORS OTHER THAN ADVRT,
JL MC, P ADV AND P JMC. TOPIC: SPORTS & THE MASS
MEDIA.
2240005 1A TR 9:30-10:50 THOMAS J
TOPIC: CREATIVITY
2240010 1B TR 9:30-10:50 THOMAS J
TOPIC: CREATIVITY
2240015 2A MWF 1:10-2:00 SMITH K
TOPIC: SPORTS & THE MASS MEDIA
2240020 2B MWF 1:10-2:00 SMITH K
TOPIC: SPORTS & THE MASS MEDIA
AEROSPACE ENGINEERING

<table>
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<tr>
<th>Course Description</th>
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<th>Credits</th>
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<tr>
<td>AEROSPAC ENG PROBLM</td>
<td>AER E 160</td>
<td>3 CR.</td>
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<td>Night Examinations Sched.</td>
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<td>Prereq: Satisfactory scores on Math Placement Exam; Credit or Enrollment in Math 142, 165</td>
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<tr>
<td>6215005</td>
<td>1 TR 11:00-11:50</td>
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<td>W 10:00-11:50</td>
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| Honors AER ENG Prob        | AER E 160H | 3 CR. |
| 7571005                    | 1 ARRANGED |

| NUM&GRAPHC&LAB TCNQ        | AER E 161 | 4 CR. |
| Prereq: 160 or equivalent course |
| Course restricted to AER E Majors only |
| 7834005                    | 1 TR 9:30-10:20 |
| M 2:10-4:00                |         |
| 7834010                    | 2 TR 9:30-10:20 |
| T 2:10-4:00                |         |
| 7834015                    | 3 TR 9:30-10:20 |
| W 2:10-4:00                |         |

| Honors NUM&GRPH TCNQ       | AER E 161H | 4 CR. |
| 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 9:30-10:20 |
| M 10:00-11:50              |         |
| 8247010                    | 2 TR 9:30-10:20 |
| R 2:10-4:00                |         |

| AEROSPACE SEMINAR          | AER E 192 | R CR. |
| Satisfactory-Fail Only.    |          |       |
| Course restricted to AER E Majors only. |
| 1085005                    | 1 W 2:10-3:00 |
| 1085010                    | 2 R 2:10-3:00 |
| 1085015                    | 3 M 2:10-3:00 |

| Honor AEROSPCE SEMNR      | AER E 192H | R CR. |
| Satisfactory-Fail Only.   |          |       |
| Course restricted to Honor Students |
| 2647005                    | 1 W 10:00-11:50 |
| 2647010                    | 2 T 2:10-4:00 |

| Aerodynamics I            | AER E 243 | 3 CR. |
| Prereq: Grade of C- or Better in 261, Math 265, Enrollment in 243L |
| Course restricted to AER E Majors only. |
| 1175005                    | TR 11:00-12:30 |

| Aerodynamics Lab I         | AER E 243L | .5 CR. |
| Prereq: Concurrent Enrollment in 243 |
| Course restricted to AER E Majors only. |
| 1177005                    | 1 T 1:10-3:00 |
| Sect 1: March 9-May 8      |         |
| 1177010                    | 2 R 1:10-3:00 |
| Sect 2: March 9-May 8      |         |
| 1177015                    | 3 T 3:10-5:00 |
| Sect 3: March 9-May 8      |         |
| 1177020                    | 4 R 3:10-5:00 |
| Sect 4: March 9-May 8      |         |

AEROSPACE ENGINEERING
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<td>6021005 1 TR 11:00-12:20</td>
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<td>6021010 2 TR 11:00-12:20</td>
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<td>GAS DYNAMICS</td>
<td>3 CR.</td>
<td>243, M E 330, ENROLLMENT IN 311L</td>
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<td>AER E 331</td>
<td>FLIGHT CONTROL SYS I</td>
<td>3 CR.</td>
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AERODYNAMICS II   AER E 343      3 CR.
PREREQ: CR OR ENROLLMT IN 311, ENROLLMENT IN 343L
COURSE RESTRICTED TO AER E JUNIORS & SENIORS
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1166005      MWF 11:00-11:50

AERODYNAMICS LAB II  AER E 343L     1 CR.
PREREQ: ENROLLMENT IN 343
COURSE RESTRICTED TO AER E JUNIORS & SENIORS
1271005      1 T 10:00-10:50
T 11:00-12:50
1271010      2 T 10:00-10:50
T 1:10-3:00
1271015      3 T 10:00-10:50
T 3:10-5:00
1271020      4 T 10:00-10:50
R 10:00-11:50
1271025      5 T 10:00-10:50
R 12:10-2:00
1271030      6 T 10:00-10:50
R 2:10-4:00

ASTRODYNAMICS I     AER E 351     3 CR.
PREREQ: E M 345, AER E 261, CREDIT OR ENROLLMENT
IN AER E 243
COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1168005      MWF 9:00-9:50

COMP TECHNQ AER DSN   AER E 361     3 CR.
PREREQ: 243, MATH 267, E M 324, E M 345
COURSE RESTRICTED TO AER E JUNIORS & SENIORS
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1170005      1 MW 2:10-3:00
T 2:10-4:00
1170010      2 MW 2:10-3:00
R 2:10-4:00
1170015      3 MW 2:10-3:00
R 10:00-11:50

AEROSPACE SEMINAR     AER E 392     R CR.
SATISFACTORY-FAIL ONLY.
1151005      1 W 4:10-5:00
1151010      2 W 5:10-6:00PM

ENGR INTERNSHIP   AER E 397  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT AND ENGR CAREER SERVICES
******     SEE DEPT FOR REFERENCE NUMBERS

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

AER VEH PROPULSN II   AER E 412     3 CR.
PREREQ: 343, 411
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1174005      MWF 11:00-11:50
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<td>PREREQ: 321, MATH 266 OR 267</td>
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<td>1176005 MWF 3:10-4:00</td>
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<td>FLUID DYN TURBOMACH</td>
<td>AER E 448</td>
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<td>1339005 MWF 9:00-9:50</td>
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<td>ASTRODYNAMICS II</td>
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<td>MOD DESIGN METHODOL</td>
<td>AER E 461</td>
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<td>1187005 1 T 8:00-9:20 T 11:00-1:00 R 9:00-10:50</td>
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<td>1187010 2 T 8:00-9:20 T 1:30-3:20 R 11:00-12:50</td>
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<td>SPACECRAFT SYSTEMS</td>
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<td>MULTIDISC ENGR DSGN</td>
<td>AER E 466</td>
<td>3 CR.</td>
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<td>IND STU A/GAS DYNAM</td>
<td>AER E 490A</td>
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AEROSPACE ENGINEERING

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

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

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

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

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

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

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

AEROSPACE SEMINAR    AER E 491    R CR.
SATISFACTORY-FAIL ONLY.
COURSE RESTRICTED TO AER E MAJOR ONLY.
1198005     R 2:10-3:00

AEROSPACE SEMINAR    AER E 492    R CR.
SATISFACTORY-FAIL ONLY.
COURSE RESTRICTED TO AER E MAJORS ONLY.
1199005     1 T 3:40-5:00
1199010     2 R 3:40-5:00

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

SENIOR PROJECT    AER E 499    1- 2 CR.
PREREQ: SENIOR CLASSIFICATION, CR OR ENR IN 491
4759005     ARRANGED

EXPERIMNTL MECHANCS    AER E 517    4 CR.
PREREQ: E M 510 OR 514 OR 516
1662005     TR 9:30-10:50
ARRANGED

FINITE ELEMENT ANLY    AER E 525    3 CR.
PREREQ: E M 425, MATH 385
7252005     MWF 3:10-4:00

AEROSPACE ENGINEERING
AUTO CPLNT FLT VEH AER E 531 3 CR.
PREREQ: 331
1204005 MWF 9:00-9:50

COMPRESBL FLUID FLO AER E 532 3 CR.
PREREQ: 541 OR M E 335
6032005 A TR 8:00-9:20

ADV EXP TCNQ TH-FLD AER E 545X 3 CR.
8681005 MW 12:10-1:00
F 12:10-2:00

FLU MECH&HEAT TR II AER E 547 3 CR.
PREREQ: 546
1213005 MWF 2:10-3:00

RANDOM SIGNAL&KALMN AER E 573 3 CR.
PREREQ: 331 OR E E 324 OR M E 370 OR 411 OR MATH
341 OR 395
8187005 MW 10:00-10:50

OPTIMAL CONTROL AER E 574 3 CR.
PREREQ: 577
8188005 MWF 1:10-2:00
8188600 XE ARRANGED LU P
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INTRO ROBUST CONTRL AER E 575 3 CR.
PREREQ: 577
4429005 TR 8:00-9:15

DIGIT FEEDBCK CNTRL AER E 576 3 CR.
PREREQ: 432 OR E E 475 OR M E 411 OR 414 OR MATH
415; AND MATH 267
8189005 TR 2:10-3:30

NONLINEAR SYSTEMS AER E 578 3 CR.
PREREQ: 577
8191005 TR 9:30-10:50
8191600 XE ARRANGED CHEN D
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

PERTURBATION METHODS AER E 581 3 CR.
PREREQ: MATH 267
7884005 MWF 12:10-1:00

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

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

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

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

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

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

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

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

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

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

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

CREATIVE COMPONENT      AER E 599   1- 5 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

ADV TOP VISCOS AER      AER E 690H  1- 5 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

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

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

AEROSPACE ENGINEERING
ADV TOP WIND ENGINR   AER E 690M  1- 5 CR.
******     SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP   AER E 697      R CR.
SATISFACTORY—FAIL ONLY.
PREREQ: PERMISSION OF DEPT, GRADUATE CLASSIFICATION
8131005     ARRANGED
           COLLEGE PERMISSION REQUIRED; PROCESS
           APPROVED ADD SLIP IN 10 ALUMNI HALL

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

AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST   AF AM 201      3 CR.
MEETS U.S. DIVERSITY REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8310005     A T 3:40-5:00       ADELEKE T
R 3:40-5:00       ADELEKE T

ETHNIC&RACE RELATNS   AF AM 330      3 CR.
PREREQ: SOC 130 OR 134
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.
8638005     A1 MWF 10:00-10:50
8638010     A2 MWF 10:00-10:50
8638015     B1 MWF 2:10-3:00
8638020     B2 MWF 2:10-3:00

AFRI AMER RELIG EXP   AF AM 334      3 CR.
PREREQ: PRIOR COURSE IN RELIG OR AF AM
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8661005     TR 2:10-3:30

CONTEMP AFRI AM LIT   AF AM 348      3 CR.
PREREQ: ENGL 250
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8632005     A1 MWF 1:10-2:00
           SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
8632010     A2 MWF 1:10-2:00
           SEC A2 RESTRICTED TO MAJORS OTHER THAN
           ENGL, TCOMM

AFRICAN AMERI WOMEN   AF AM 350      3 CR.
PREREQ: 201 OR W S 201 OR 3 CR IN WOMEN'S STUDIES
OR AFRICAN AMERICAN STUDIES AT THE 300-LEVEL OR ABOVE
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2570005     M 3:30-6:20PM

AFRIC&BLK AM RELAT   AF AM 395X     3 CR.
PREREQ: 201
MEETS U.S. DIVERSITY REQMT.
1456005     TR 12:40-2:00       ADELEKE T
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
AFRICAN AMERICAN STUDIES

SEM AFRIC AMER CULT  AF AM 460  3 CR.
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6688005  ARRANGED

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

AGRICULTURAL EDUCATION & STUDIES

AG BIOTECHN COLLOQ  AGEDS 112  1 CR.
PREREQ: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR
1303005  T 1:10-2:00

FIELD EXP H.S. AGRI  AGEDS 211A  1 CR.
PREREQ: 110
7586005  1 ARRANGED

FIELD EXP EXTENSION  AGEDS 211B  1 CR.
PREREQ: 110
7594005  1 ARRANGED

FIELD EXP AG INDUST  AGEDS 211C  1 CR.
PREREQ: 110
7603005  1 ARRANGED

CAREER SEMINAR  AGEDS 215  1 CR.
PREREQ: SOPHOMORE CLASSIFICATION
1385005  1 TR 11:00-11:50
SECT 1: JAN 12-MARCH 6

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

COOPERATIVE EDUCATN  AGEDS 298  R CR.
PREREQ: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
1350005  ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

FOUND AG ED PROGRMS  AGEDS 310  2 CR.
8790005  TR 9:30-10:20

PRESENTN STRATEGIES  AGEDS 311  3 CR.
1272005  1 MWF 11:00-11:50
1272100  2 MWF 9:00-9:50
1272150  3 TR 9:30-10:50

AGRICULTURAL EDUCATION & STUDIES
SCI WITH PRACTICE    AGEDS 312X    2 CR.
PREREQ: COLLEGE OF AGRICULTURE MAJORS ONLY
8006005     W 5:10-7:00PM

LEADERSHIP IN AGRIC    AGEDS 315    3 CR.
1273005     1 MWF 10:00-10:50
1273010     2 MWF 8:00-8:50

COOPERATIVE EDUCATION    AGEDS 398    R CR.
PREREQ: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
1356005     ARRANGED
PERMISSION OF DEPARTMENT CHAIR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

TEACHING AG SCI/BUS    AGEDS 402    3 CR.
PREREQ: 401
1276005     MWF 9:00-11:50
TR 9:30-12:20
JAN 12-FEB 6

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

NONFORMAL AG ED PRG    AGEDS 414    2 CR.
PREREQ: 211 AND PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
1278005     1 TR 1:10-2:00

PRE-STDT TCHG EXPER    AGEDS 416    1 CR.
PREREQ: 211, 402 AND ADMISSION TO TEACHER EDUC PROGRAM. CONCURRENT ENROLLMENT IN 417 IS REQUIRED.
1886005     ARRANGED

SUPERV TCHNG AG PROGS    AGEDS 417    1-12 CR.
PREREQ: 211, 402 & ADMISSION TO TEACHER EDUC PROG
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$246.00
1281005     1 ARRANGED

SUPRV EXTENSION EXPER    AGEDS 418    2-8 CR.
PREREQ: 211, JR CLASSIFICATION, INSTRUCTOR PERMISSION
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
1282005     1 ARRANGED

FARM MGMT & OPERATION    AGEDS 450    3 CR.
PREREQ: ECON 235, 330, JUNIOR CLASSIFICATION
MATERIALS AND EQUIPMENT USE FEE $100.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1386005     T 1:10-2:00
TR 2:10-5:00
AGRICULTURAL LAW    AGEDS 451  4 CR.
PREREQ: SENIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6798005     MWF 10:00-10:50
            M 3:10-5:00

MTHDS TCHG AG MECHN    AGEDS 488X  3 CR.
PREREQ: 211
MATERIALS AND EQUIPMENT USE FEE $90.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5124005     M 1:10-3:00
            W 1:10-4:00

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

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

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

IND STU INSTR TCHNL    AGEDS 490E  1- 3 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
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 ENVIR ISSU    AGEDS 490F  1- 3 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
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 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION,
MEMBERSHIP IN UNIV HONORS PROGRAM
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION. COURSE RESTRICTED TO UNIVERSITY
HONORS STUDENTS.
******     SEE DEPT FOR REFERENCE NUMBERS
AGRICULTURAL EDUCATION & STUDIES

IND STU COMMUNICATN AGEDS 490I 1- 3 CR.
PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
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 CR.
PREREQ: PERMISSION OF INSTRUCTOR
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7499005 ARRANGED
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

COOPERATIVE EDUCATN AGEDS 498 R CR.
PREREQ: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SENIOR CLASSIFICATION
1361005 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

UNDERGRAD RESEARCH AGEDS 499 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR, ADVISER, &
DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8361005 ARRANGED

MTH TCHG AG SCI/BUS AGEDS 502 3 CR.
PREREQ: 401
7851005 MWF 9:00-11:50
TR 9:30-12:20
JAN 12-FEB 6

INTR RESEARCH AG ED AGEDS 510 3 CR.
PREREQ: GRADUATE CLASSIFICATION
8005005 ARRANGED
8005605 XH ARRANGED
SECT XH:JAN 12-MAY 8
CONTACT CARRIE BRUS AT 515-294-1862 OR
CBRUS@IASTATE.EDU FOR PERMISSION TO REGISTER.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XH IS OFF CAMPUS.
DELIVERY IS WWW

DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

INTR LRNG THRY AGED AGEDS 533 3 CR.
PREREQ: GRADUATE CLASSIFICATION
8005005 ARRANGED
8005605 XH ARRANGED
SECT XH:JAN 12-MAY 8
FOR PERMISSION TO REGISTER CONTACT LORI
YOUINGBERG AT 515-294-7656 OR LYOUING@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XH IS OFF CAMPUS.
DELIVERY IS WWW

DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
AGRICULTURAL EDUCATION & STUDIES

INTR LRNG THRY AGED AGEDS 533 3 CR.
SECTION XW IS OFF CAMPUS. DELIVERY IS WWW

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

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

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

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

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

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

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

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

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

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

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

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

METHODS WORKSHOP AGEDS 593B 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
MATERIALS FEE $25.00
1318005 ARRANGED

WORKSHOP EVALUATION AGEDS 593C 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
MATERIALS FEE $25.00
1319005 ARRANGED

ADMINISTRTN WORKSHP AGEDS 593D 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
MATERIALS FEE $25.00
1320005 ARRANGED

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

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

WRKSHP PROGRAM PLAN AGEDS 593G 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $25.00
1323005 ARRANGED

WKSHP INSTR TECHNOL AGEDS 593H 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
MATERIALS FEE $25.00
1890005 ARRANGED

WKSHP BIOTECHNOLOGY AGEDS 593M 1-3 CR.
PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
MATERIALS FEE $25.00
6536005 ARRANGED

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

AGEDS SEMINR ETHICS AGEDS 615B 1 CR.
SATISFACTORY-FAIL ONLY.
2938005 ARRANGED
AGRICULTURAL EDUCATION & STUDIES

PRO INTERNSHP AG ED AGEDS 617 1- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

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

AGRICULTURAL ENGINEERING

EXPERNC AG&BIO ENGR A E 110 1 CR.
FIELD TRIPS & TRAVEL FEE $20.00
1001005 A T 10:00-11:50
1001010 B R 10:00-11:50
1001015 C R 2:10-4:00

ENTREPRN&INTERN SEM A E 201 1 CR.
PREREQ: SOPHOMORE CLASSIF IN A E, AST OR I TEC
1373005 A MW 4:10-5:00
SECT A: JAN 12-MARCH 6

FND AG &BIOSYS ENGR A E 216 3 CR.
PREREQ: 110, ENGR 160, CR OR ENROLLMT IN MATH 166
1096005 A TR 12:10-1:00
T 1:10-3:00

PARAM SLD MODEL ENG A E 271 1 CR.
PREREQ: ENGR 170 OR TSM 116 OR EQUIVALENT
9153005 A M 9:00-9:50
W 8:00-9:50
SECT A: JAN 12-MARCH 6
SEC A RESTRICTED TO STUDENTS IN COLLEGE OF ENGINEERING.
9153010 B M 9:00-9:50
W 8:00-9:50
SECT B: JAN 12-MARCH 6
SEC B RESTRICTED TO A E, AST & I TEC MAJORS ONLY.

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

COOPERATIVE EDUC A E 298 R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

LEADRSHP& ETHCS SEM A E 301 1 CR.
PREREQ: 201
1375005 A TR 9:00-9:50
SECT A: JAN 12-MARCH 6
AGRICULTURAL ENGINEERING

AGRI TRACTOR POWER  A E   342      3 CR.
PREREQ: M E 330
SEC A1,B1 RESTRICTED TO A E MAJORS ONLY.
SEC A2,B2 RESTRICTED TO COLLEGE OF ENGINEERING
MAJORS ONLY.
EQUIPMENT USE AND FIELD TRIPS & TRAVEL FEE $10.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1008005  A1 MW 11:00-11:50
       M 12:10-3:00
1008010  A2 MW 11:00-11:50
       M 12:10-3:00
1008015  B1 MW 11:00-11:50
       M 3:10-6:00PM
1008020  B2 MW 11:00-11:50
       M 3:10-6:00PM

PRINC BIOL SYS ENGR  A E   380X     3 CR.
PREREQ: 216
7511005     MF 12:10-1:00
       W 12:10-2:00

ENGR INTERNSHIP       A E   397      R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPT & ENGR CAREER SERVICES
*******     SEE DEPT FOR REFERENCE NUMBERS

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

PROFESSIONLSM SEMNR  A E   401      1 CR.
PREREQ: 301
1013005     MW 4:10-5:00
       JAN 12-MARCH 6

SYS MODELG&CONTROLS   A E   403      3 CR.
PREREQ: 363, MATH 267
MATERIALS AND FIELD TRIPS & TRAVEL FEE $5.00
1528005     MW 9:00-9:50
       P 9:00-10:50

ELTRN SYS INTGRT AG   A E   410X     3 CR.
PREREQ: 363 OR EQUIVALENT
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8847005     M 3:10-5:00
       P 3:10-5:00

AGRIC ENGR DESIGN I   A E   415      2 CR.
PREREQ: 271 OR 272, E M 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8253005     M 2:10-3:00, ARRANGED

AG ENGR DESIGN II    A E   416      2 CR.
PREREQ: 415
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7302005     ARRANGED

SOIL&WTR MONITR SYS   A E   436      3 CR.
PREREQ: 431 OR PERMISSION OF INSTRUCTOR
2582005     MWF 10:00-10:50
AGRICULTURAL ENGINEERING

FOOD&BIOPROCES ENGR  A E  451X  3 CR.
PREREQ: 216 AND CH E 357 OR M E 436, OR
FS HN 351 AND MATH 266 OR 267
5188005   MWF 2:10-3:00

GRAIN PROCESS&HANDL  A E  469  3 CR.
PREREQ: 216
MATERIALS AND FIELD TRIPS & TRAVEL FEE $21.00
1371005   MW 10:00-10:50
R 3:10-6:00PM

DESIGN AG STRUCTRES  A E  478  3 CR.
PREREQ: 216, E M 324
8230005   MWF 8:00-8:50

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

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

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

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

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

IND STU POWER ENGR A E  490P  1- 4 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STU STRUCTURES A E  490Q  1- 4 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STU PROCES ENG A E  490R  1- 4 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

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

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

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

MODEL&CONTROLS SYS A E  503  3 CR.
PREREQ: 363, MATH 267
MATERIALS AND FIELD TRIPS & TRAVEL FEE $5.00
1032005   MW 9:00-9:50
P 9:00-10:50

ELTRN SYST INTEGR AG A E  510X  3 CR.
PREREQ: 363 OR EQUIVALENT
8848005   M 3:10-5:00
P 3:10-5:00
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<tr>
<th>Course Title</th>
<th>CRN</th>
<th>Credits</th>
<th>Days, Time, Location</th>
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<tr>
<td>AGRICULTURAL ENGINEERING</td>
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<tr>
<td>AIR POLLUTION</td>
<td>524</td>
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<td>PREREQ: TWO OF THE FOLLOWING: PHYS 221, CHEM 178, MATH 166 OR 3 CREDITS IN STAT</td>
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<td>SOIL&amp;WTR MONITR SYS</td>
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<td>MWF 10:00-10:50</td>
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<td>FOOD&amp;BIOPROCES ENGR</td>
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<td>PREREQ: 216 AND CH E 357 OR M E 436, OR FS HN 351 AND MATH 266 OR 267</td>
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<td>GRAIN PROCESS&amp;HNDLG</td>
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<td>PREREQ: 216</td>
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<td>DESIGN AG STRUCTRES</td>
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<td>MWF 8:00-8:50</td>
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<td>SPL TOP BIOSYS ENGR</td>
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<td><strong>SEE DEPT FOR REFERENCE NUMBERS</strong></td>
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<td>SPL TOPIC FOOD ENGR</td>
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<td>SP TOP STRUCK&amp;ENVIRN</td>
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<td>SPL TOPIC WASTE MGT</td>
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<td>MASTER'S TECH PAPER</td>
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<td>TEACHING PRACTICUM</td>
<td>694</td>
<td>1-3</td>
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<td>PREREQ: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR</td>
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AGRICULTURAL ENGINEERING

ENGINEERING INTERNSHIP  A E  697      R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
1700005      ARRANGED

DOCTORAL TECH PAPER   A E  698      1 CR.
SATISFACTORY-FAIL ONLY.
8333005      ARRANGED

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

RES CMPTR-AID DSGN  A E  699C VAR.  CR.
*******      SEE DEPT FOR REFERENCE NUMBERS

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

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

RES PWR&MACHN ENGR  A E  699P VAR.  CR.
*******      SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

AGRONOMY

PRINCIP OF AGRONOMY  AGRON 114      3 CR.
1391010   1 MW 4:10-5:00  MULLEN R
             R 11:00-11:50  MULLEN R
             ARRANGED  MULLEN R
SECTION INFO: http://www.agron.iastate.edu/courses/agron114/default.html

1391020   3 MW 4:10-5:00  MULLEN R
             F 9:00-9:50, ARRANGED  MULLEN R
SECTION INFO: http://www.agron.iastate.edu/courses/agron114/default.html

1391600   XW ARRANGED
SECT XW:JAN 12-MAY 8
DELIVERY FEE $73.00. FOR PERMISSION TO REGISTER CONTACT GINA MCANDREWS AT 515-294-7832 OR GINA@IASTATE.EDU.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW
AGRONOMY

INTR RENEW RESOURCS   AGRON 120      3 CR.
1382005     MWF 12:10-1:00

FUND OF SOIL SCIENC   AGRON 154      3 CR.
PREREQ: CHEM 163
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, OR AGRON 156.
1395010  1 M 12:10-1:00     MANU A
T 9:00-9:50, ARRANGED MANU A
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
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
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
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
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
SECTION INFO: http://www.agron.iastate.edu/soils/
1395040  7 M 4:10-5:00      MANU A
R 11:00-11:50 MANU A
ARRANGED MANU A
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
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
SECTION INFO: http://www.agron.iastate.edu/soils/
1395600  XC ARRANGED
SECT XC: JAN 12-MAY 8
DELIVERY FEE $73.00.
SECTION XC IS OFF CAMPUS.
DELIVERY IS CDROM

SOILS HORT SCIENTST   AGRON 155      3 CR.
PREREQ: CHEM 163, RESTRICTED TO STUDENTS IN HORT
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, OR
AGRON 156.
6154005  1 M 12:10-1:00     MANU A
W 1:10-2:00, ARRANGED MANU A
SECTION INFO: http://www.agron.iastate.edu/soils/
6154010  2 M 12:10-1:00     MANU A
W 3:10-4:00, ARRANGED MANU A
SECTION INFO: http://www.agron.iastate.edu/soils/
**AGRONOMY**

**SOILS FOR URBAN USE**  
AGRON 156  
3 CR.  
COURSE RESTRICTED TO DESIGN COLLEGE 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, OR AGRON 156.  
FIELD TRIPS & TRAVEL FEE $5.00  
1396005  
1 M 4:10-5:00  
MANU A  
W 8:00-9:50, ARRANGED  
MANU A  
SECTION INFO: http://www.agron.iastate.edu/soils/  
1396010  
2 M 4:10-5:00  
MANU A  
W 10:00-11:50  
MANU A  
ARRANGED  
MANU A  
SECTION INFO: http://www.agron.iastate.edu/soils/  

**WORLD WATER RESOURC**  
AGRON 160X  
3 CR.  
3243005  
MWF 9:00-9:50  
FRANZ K  

**INTRO METEOROLOGY**  
AGRON 206  
3 CR.  
1397005  
MWF 2:10-3:00  
FLORY D  

**CROP GWRTH, PROD&MGT**  
AGRON 212  
4 CR.  
PREREQ: 114  
1399010  
1 MWF 11:00-11:50  
T 10:00-11:50  
SECTION INFO: http://www.agron.iastate.edu/courses/agron212/default.htm  
1399015  
2 MWF 11:00-11:50  
T 12:10-2:00  
SECTION INFO: http://www.agron.iastate.edu/courses/agron212/default.htm  
1399020  
3 MWF 11:00-11:50  
W 2:10-4:00  
SECTION INFO: http://www.agron.iastate.edu/courses/agron212/default.htm  
1399025  
4 MWF 11:00-11:50  
R 12:10-2:00  
SECTION INFO: http://www.agron.iastate.edu/courses/agron212/default.htm  

**CROP STRUC-FUNC REL**  
AGRON 230  
3 CR.  
PREREQ: BIOL 212/202  
1406005  
MWF 2:10-3:00  
KNAPP A  

**SOILS&ENVIR QUALITY**  
AGRON 260  
3 CR.  
3973005  
1 MWF 12:10-1:00  
BURRAS C  

**PESTICIDE APPL CERT**  
AGRON 283  
2 CR.  
1905005  
MW 2:10-3:00  

**COOPERATIVE EDUCATN**  
AGRON 298  
R CR.  
PREREQ: PERMISSION OF DEPT COOPERATIVE EDUCATION  
COORDINATOR, SOPHOMORE CLASSIFICATION  
1401005  
ARRANGED  

**PROF DEVEL: WORK EXP**  
AGRON 310  
R CR.  
SATISFACTORY-FAIL ONLY.  
1389005  
ARRANGED  

**GENET, AGRI & BIOTECHN**  
AGRON 320  
3 CR.  
PREREQ: BIOL 212  
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE  
APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOl 313/301  
AND 313L/301L, GEN/AGRON 320
AGRONOMY

INTERCOLL CROP TEAM AGRON 331 2 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1408005 R 3:10-7:00PM

FORAGE CROP MGMT AGRON 334 3 CR.
PREREQ: 114
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1409005 TR 11:00-12:20 BARNHART S
SECTION INFO: http://www.agron.iastate.edu/courses/agron334/default.htm

WORLD FOOD ISSUES AGRON 342 3 CR.
PREREQ: JUNIOR CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1402005 1 TR 11:00-12:20 ZDORKOWSKI G
1402010 2 MWF 11:00-11:50 FORD C
SEC. 2 RESTRICTED AGRON, DIETA, DIETH, FS A,
FS H, NS A, NS H, FDEXA AND FDEXH MAJORS ONLY.
1402015 3 TR 2:10-3:30 ZDORKOWSKI G
1402020 4 MWF 1:10-2:00 FORD C
SEC. 4 RESTRICTED AGRON, DIETA, DIETH, FS A,
FS H, NS A, NS H, FDEXA AND FDEXH MAJORS ONLY.
1402600 XW ARRANGED FORD C
SECT XW: JAN 12-MAY 8
DELIVERY FEE $99.00. FOR PERMISSION TO REGISTER
CONTACT LORI YOUNGBERG AT 515-294-7656 OR
LYOUNG@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

SOILS & PLANT GROWTH AGRON 354 3 CR.
PREREQ: 154 AND BIOL 101 OR 212
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1414005 1 MWF 8:00-8:50 KILLORN R
SECTION INFO: http://www.agron.iastate.edu/courses/agron35
1414010 2 MWF 10:00-10:50 LOYNACHAN T
SECTION INFO: http://www.public.iastate.edu/~teloynac/354o

SOIL&PLANT GROWTH LB AGRON 354L 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 354
8362005 A T 12:10-3:00 HENNING S
8362010 B T 3:10-6:00 PM HENNING S
8362015 C W 1:10-4:00 HENNING S
8362020 D R 2:10-5:00 HASSELMAN E

ENVIRN SOIL SCIENCE AGRON 360 3 CR.
PREREQ: 260 OR GEOL 100 OR 201
3989005 1 MW 9:00-9:50 BURRAS C
T 3:10-6:00 PM BURRAS C
3989010 2 MW 9:00-9:50 KILLORN R
W 2:10-5:00 KILLORN R

FLD EXP SOIL DESCRIP AGRON 370 1 CR.
PREREQ: 154 AND PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1417005 R 3:10-6:00 PM SANDOR J
AGRONOMY

SYST CROP&SOIL MGMT  AGRON 392  3 CR.
FREREQ: 230, 354
4515005  MW 1:10-2:00  WIEDENHOEFT M
M 2:10-5:00  WIEDENHOEFT M

COOPERATIVE EDUCATN  AGRON 398  R CR.
FREREQ: PERMISSION OF DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
1411005  ARRANGED

GLOBAL CHANGE  AGRON 404  3 CR.
FREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
SCIENCES OR ENGINEERING, JUNIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8140005  MWF 11:00-11:50
SYLLABUS: http://www.meteor.iastate.edu/classes/mt404

ENVIRONM BIOPHYSICS  AGRON 405  3 CR.
FREREQ: MATH 166 OR EQUIVALENT
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3047005  TR 11:00-12:30  HORNBUCKLE B

PRO DEVELOP SR FORUM  AGRON 410  1 CR.
FREREQ: SENIOR CLASSIFICATION
1428005  A T 2:10-3:00  LAMKEY K

SOIL GENESIS&LNDSCP  AGRON 473  4 CR.
FREREQ: 154 OR 402
CREDIT FOR EITHER AGRON/ENSCI 473 OR
IA LL/AGRON/ENSCI 473I, BUT NOT BOTH, MAY BE APPLIED
TOWARD GRADUATION
FIELD TRIPS & TRAVEL FEE $30.00-$45.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1435010  1 TR 10:00-10:50  SANDOR J
T 2:10-5:00, ARRANGED  SANDOR J

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

INDEP STUDY HONORS  AGRON 490H  1- 3 CR.
FREREQ: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON
INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN
MEMBERSHIP IN THE HONORS PROGRAM
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

IND STU SERVC LEARN  AGRON 490Z  1- 5 CR.
FREREQ: PERMISSION OF INSTRUCTOR
NO MORE THAN 6 CREDITS OF AGRON/HORT 490Z MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION. COURSE OFFERED FOR 4 CREDITS SPRING 09.
7954005  ARRANGED

AGRONOMY

SEED SCI INTERNSHIP  AGRON 491  1- 2 CR.
AG TRAVEL CRSE PREP  AGRON 495    R CR.  
PREREQ: PERMISSION OF INSTRUCTOR

1440005   1 ARRANGED                       KNAPP A
1440010   2 ARRANGED                       MULLEN R

AG TRAVEL CRSE PREP  AGRON 495  R CR.  
PREREQ: PERMISSION OF INSTRUCTOR

AG INT'L TRAVL TOUR  AGRON 496A VAR. CR.  
PREREQ: PERMISSION OF INSTRUCTOR

MATERIALS AND FIELD TRIPS & TRAVEL FEE
$700.00-$4,500.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.

9433800     AR ARRANGED                 LUVAGA E
SECT AR:MARCH 13-21
SEC AR TAUGHT IN ARGINTINA. 'AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN ARGINTINA' OFFERED FOR 3 CREDITS SPRING 2009.

AGROECOLOGY FLD CRS  AGRON 497    3 CR.  
PREREQ: JR/SR CLASSIFICATION, 8 CREDITS IN AGRONOMY

8311008     ARRANGED                      WIEDEHOEFT

COOPERATIVE EDUCATN  AGRON 498    R CR.  
PREREQ: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION

GLOBAL CHANGE  AGRON 504    3 CR.  
PREREQ: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING

ENVIROMNT BIOPHYSICS  AGRON 505    3 CR.  
PREREQ: MATH 166 OR EQUIVALENT INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS

ENVIRONM BIOPHYSICS  AGRON 505    3 CR.  
PREREQ: MATH 166 OR EQUIVALENT INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS

BIOPHYSCL CROP ECOL  AGRON 508    3 CR.  
PREREQ: 505

WEED BIOL & ECOLOGY  AGRON 517    3 CR.  
PREREQ: 317, BIOL 474

FIELD PLOT TECHNOQS  AGRON 526    3 CR.  
PREREQ: STAT 401

1450005   TR 9:30-10:50                       MOORE K
1450010   R 2:10-4:00                        MOORE K
AGRONOMY

PLANT GENETICS        AGRON 527      3 CR.
PREREQ: GEN 410
2358005       MWF 10:00-10:50       BHATTACHARYYA M

PBLSH BIOL SCI JRNL  AGRON 529      2 CR.
PREREQ: PERMISSION OF INSTRUCTOR; EVIDENCE OF A
PUBLISHABLE UNIT OF THE STUDENT'S RESEARCH DATA
7114005       TR 3:10-4:00

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

PRO PRACTC RESEARCH  AGRON 565A    .5 CR.
PREREQ: GRADUATE CLASSIFICATION
2219005       1 T 12:10-1:00
2219010       2 ARRANGED

PRO PRAC INTEL PROP  AGRON 565B    .5 CR.
PREREQ: GRADUATE CLASSIFICATION
2225005       ARRANGED

SOIL PHYSICS          AGRON 577      3 CR.
PREREQ: 354. RECOMMEND: MATH 166
1464005       MWF 10:00-10:50       HORTON R

LAB MTHD SOIL PHYSC  AGRON 578      1 CR.
PREREQ: CONCURRENT ENROLLMENT IN 577
1465005       M 1:10-4:00       HORTON R

GIS FOR GEOSCIEN II   AGRON 588X     3 CR.
PREREQ: FAMILIARITY WITH ARCGIS (A FOUNDATION
SUCH AS: ENSCI 446, A E 405/525, A E 408/508,
C R P 451/551, NREM 446, GEOL 452/552, OR EQUIVALENT
WITH INSTRUCTOR'S APPROVAL)
8737005       TR 2:10-4:00       HARDING C

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

SEED QUAL, PROD MGT   AGRON 595      3 CR.
PREREQ: ADMISSION TO SEED TECHNOLOGY AND BUSINESS
MASTER'S DEGREE PROGRAM OR APPROVAL OF THE INSTRUCTOR
3195600       XM ARRANGED       CHRISTENSEN P
SECT XM:JAN 12-MAY 8
DELIVERY FEE $798.00. FOR PERMISSION TO REGISTER
CONTACT PAUL CHRISTENSEN AT 515-294-8745 OR
INTLCORN@IASTATE.EDU.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XM IS OFF CAMPUS.
DELIVERY IS WWW

CR COMP AG METEOROL   AGRON 599A VAR.  CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1472005       ARRANGED

AGRONOMY

CR COMP CROP PRD&PH   AGRON 599B VAR.  CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1473005     ARRANGED

CR COMP PLNT BREEDG AGRON 599C VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1474005     ARRANGED

CRTV COMP SOIL CHEM AGRON 599D VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1475005     ARRANGED

CR COMP SOIL FERTIL AGRON 599E VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1476005     ARRANGED

CRTV COMP SOIL MGT AGRON 599F VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1477005     ARRANGED

CR COMP SOIL MICROB AGRON 599G VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1478005     ARRANGED

CR COMP SOIL MORPHO AGRON 599H VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1479005     ARRANGED

CR COMP SOIL PHYSCS AGRON 599I VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1480005     ARRANGED

CRTV COMP SEED SCI AGRON 599K VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1639005     ARRANGED

CRTV COMP WEED SCI AGRON 599L VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
1649005     ARRANGED

PLANT BREEDING SEM AGRON 600A     1 CR.
1481005     R 4:10-5:00            LAMKEY K

SOILS SEMINAR AGRON 600B     1 CR.
1482005     W 4:10-5:00            TABATABAI M

CROP PROD&PHYSL SEM AGRON 600C     1 CR.
SATISFACTORY-FAIL ONLY.
1483005     T 4:10-5:00            WESTGATE M

AG METEOROLOGY CONF AGRON 609     1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
1484005     ARRANGED

ADV PLANT BREEDING AGRON 621     3 CR.
PREREQ: 521, 526, 561; GEN 410
1488005     TR 9:30-10:50          LAMKEY K

GENET STRAT PLT BRD AGRON 625     3 CR.
PREREQ: 521, GEN 410, BOT 545
1489005     TR 11:00-12:20         LEE M
AGRONOMY

RES SEMNR PLT PHYSL  AGRON 696P     1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 585
3906005     W 4:10-5:00

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

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

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

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

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

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

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

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

RESrch SOIL MORPHOL  AGRON 699H VAR.     CR.
********     SEE DEPT FOR REFERENCE NUMBERS

RESrch SOIL PHYSICS  AGRON 699I VAR.     CR.
********     SEE DEPT FOR REFERENCE NUMBERS

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

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

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

AIR FORCE AEROSPACE STUDIES

LEADERSHIP LAB I  AFAS 102     1 CR.
SATISFACTORY-FAIL ONLY.
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; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8730005     T 6:30-7:50
A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

FOUND U S AIR FORCE  AFAS 142     1 CR.
1261005     A W 11:00-11:50
**AIR FORCE AEROSPACE STUDIES**

**LEADERSHIP LAB II**  
AFAS 202  1 CR.  
SATISFACTORY–FAIL ONLY.  
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; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
8732005  T 6:30–7:50  
A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

**EVOL USAF AIR POWER**  
AFAS 242  1 CR.  
1263005  A T 10:00–10:50  
1263010  B W 1:10–2:00

**LEADERSHIP LAB III**  
AFAS 302  1 CR.  
SATISFACTORY–FAIL ONLY.  
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; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
8734005  T 6:30–7:50  
A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

**AIR F LEADERSHIP STU**  
AFAS 342  3 CR.  
PREREQ: 242 AND 202 OR INSTRUCTOR PERMISSION  
1265005  A TR 11:00–12:20  
INSTRUCTOR PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
1265010  B TR 1:10–2:30  
INSTRUCTOR PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL

**LEADERSHIP LAB IV**  
AFAS 402  1 CR.  
SATISFACTORY–FAIL ONLY.  
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; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
8736005  T 6:30–7:50  
A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

**NATIONAL SECURITY**  
AFAS 442  3 CR.  
PREREQ: 342 AND 302 OR INSTRUCTOR PERMISSION  
THE DEPARTMENT RECOMMENDS CREDIT IN 441 BEFORE  
ENROLLING IN 442  
1267005  A TR 8:00–9:20  
INSTRUCTOR PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
1267010  B TR 2:40–4:00  
INSTRUCTOR PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL

**AMERICAN INDIAN STUDIES**

**INTR AM INDIAN STDI**  
AM IN 210  3 CR.  
MEETS U.S. DIVERSITY REQMT.  
1506005  A MWF 9:00–9:50  KELLEY K  
1506010  B MWF 2:10–3:00  ARNDT G  
1506015  C MWF 1:10–2:00  KELLEY D  
1506020  D TR 9:30–10:50  KELLEY K  
1506025  E TR 12:40–2:00  KELLEY K
AMERICAN INDIAN STUDIES

TOPICS AMERI INDIAN   AM IN 310      3 CR.
MEETS U.S. DIVERSITY REQMT.  
9438005   A TR 12:40-2:00       LARSON S   
9438010   B T 5:10-8:00PM

PEOPLE&CULTR LAT AM   AM IN 323      3 CR.
PREREQ: ANTHR 201 OR 306 RECOMMENDED
MEETS INTERNATIONAL PERSPECTIVES REQMT.  
1509005   MW 12:10-1:00

AMER INDIAN RELIGNS   AM IN 328      3 CR.
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
6382005   MWF 9:00-9:50

AMERICAN INDIAN LIT   AM IN 346      3 CR.
PREREQ: ENGL 250
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
1511005  A1 TR 9:30-10:50       LARSON S   
1511010  A2 TR 9:30-10:50       LARSON S

INDEPENDENT STUDY   AM IN 490  VAR.  CR.
PREREQ: 6 CR IN AM IN STUDIES, INSTR PERMISSION
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 CR.
PREREQ: 365
MATERIALS AND FIELD TRIPS & TRAVEL FEE $50.00  
1064010   MW 9:00-9:50
        M 3:10-6:00PM

NAT HIST IOWA VERTE   A ECL 366      3 CR.
PREREQ: BIOL 211, 211L, 212, 212L
MATERIALS AND FIELD TRIPS & TRAVEL FEE $20.00  
2722005   1 MW 10:00-10:50       STEWART T   
        T 9:00-11:50       STEWART T
2722010   2 MW 10:00-10:50       STEWART T
        F 10:00-12:50

AQUATIC INSECTS   A ECL 425      3 CR.
PREREQ: BIOL 312 OR EQUIVALENT
MATERIALS AND FIELD TRIPS & TRAVEL FEE $30.00  
6360005   1 TR 8:00-8:50       STEWART T
        F 10:00-1:00

FISHERY MANAGEMENT   A ECL 440      3 CR.
PREREQ: 312, 321; CREDIT OR ENROLLMENT IN 486;
STAT 101 OR 104
MATERIALS AND FIELD TRIPS & TRAVEL FEE $35.00  
1076005   MW 10:00-10:50       MORRIS J
        W 1:10-4:00       MORRIS J

PRIN WILDLIF DISEAS   A ECL 454X     3 CR.
PREREQ: JUNIOR STANDING AND AT LEAST 10 CREDITS
IN BIOLOGICAL SCIENCES AT THE 300+ LEVEL, OR GRAD
STANDING
8771005   MWF 11:00-11:50       BLANCHONG J
ANIMAL ECOLOGY

ORNITHOLOGY       A ECL 458   3 CR.
PREREQ: 365 OR BIOL 351
2766005  1 MW 10:00-10:50 DINSMORE S
    T 7:00-9:50 DINSMORE S
2766010  2 MW 10:00-10:50 DINSMORE S
    W 7:00-9:50 DINSMORE S

MAMMALOGY        A ECL 459   3 CR.
PREREQ: 365 OR BIOL 351
2766005  1 MW 10:00-10:50
    T 7:00-9:50
2766010  2 MW 10:00-10:50
    W 7:00-9:50

FISHERIES SCIENCE A ECL 520   3 CR.
PREREQ: 312,321
1092005  TR 1:10-2:40

AQUATIC INSECTS   A ECL 525   3 CR.
PREREQ: BIOL 312 OR EQUIVALENT
MATERIALS AND FIELD TRIPS & TRAVEL FEE $30.00
6381008  1 TR 8:00-8:50
    F 10:00-1:00

CONSERVATION BIOLGY A ECL 531   3 CR.
PREREQ: 312; BIOL 313 OR GRADUATE STANDING
1280005  TR 9:30-10:50

FISHERY MANAGEMENT A ECL 540   3 CR.
PREREQ: 312, 321; CREDIT OR ENROLLMENT IN 486;
STAT 101 OR 104
MATERIALS AND FIELD TRIPS & TRAVEL FEE $35.00
1101005  MW 10:00-10:50
    W 1:10-4:00

PRIN WILDLIF DISEAS A ECL 554X   3 CR.
PREREQ: GRAD STANDING; OR JUNIOR STANDING AND
AT LEAST 10 CREDITS IN BIOLOGICAL SCIENCES AT THE
300+ LEVEL
8770005  MWF 11:00-11:50 BLANCHONG J

ORNITHOLOGY       A ECL 558   3 CR.
PREREQ: 365 OR BIOL 351
MATERIALS AND FIELD TRIPS & TRAVEL FEE $25.00
2872005  1 MW 10:00-10:50
    T 7:00-9:50
2872010  2 MW 10:00-10:50
    W 7:00-9:50

MAMMALOGY        A ECL 559   3 CR.
PREREQ: 365 OR BIOL 351
MATERIALS AND FIELD TRIPS & TRAVEL FEE $20.00
2899005  1 MW 2:10-3:00
    T 10:00-11:50
2899010  2 MW 2:10-3:00
    W 9:00-10:50

CREATIVE COMPONENT A ECL 599   VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
*******    SEE DEPT FOR REFERENCE NUMBERS
ANIMAL ECOLOGY

SEMINAR A ECL 600 1 CR.
1107005 1 ARRANGED

ANALYSIS POPULATNS A ECL 611 3 CR.
PREREQ: 312, STAT 401, A COURSE IN CALCULUS
8093005 MW 12:10-1:00
T 9:00-10:50

TEACHING PRACTICUM A ECL 698 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION IN ANIMAL ECOLOGY
AND PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

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

ANIMAL SCIENCE

WORKNG WITH ANIMALS AN S 101 2 CR.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
1527005 1 R 3:10-4:00 SKAA B
P 8:00-9:50 SKAA B
1527010 2 R 3:10-4:00 SKAA B
F 10:00-11:50 SKAA B
1527015 3 R 3:10-4:00 SKAA B
F 12:10-2:00 SKAA B
1527020 4 R 3:10-4:00 SKAA B
F 2:10-4:00 SKAA B

ORIENTATION IN AN S AN S 110 R CR.
1518005 1 R 2:10-3:00 KENEALY M

SURVEY ANIMAL INDUS AN S 114 2 CR.
1519005 A MW 8:00-8:50 KENEALY M

ISSUES FACING AN S AN S 211 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 114, SOPHOMORE CLASSIFICATION
1542005 1 T 4:10-6:00PM KENEALY M

DOMEST ANIM PHYSIOL AN S 214 3 CR.
PREREQ: BIOL 212/202, CHEM 163 OR 177
1521005 1 MWF 9:00-9:50 SELSBY J

DOM AN ANAT&PHY LAB AN S 214L 1 CR.
PREREQ: CONCURRENT ENROLLMENT IN AN S 214
MATERIALS FEE $0.00-$50.00
1545005 1 T 8:00-9:50 HUIATT T
1545010 2 T 10:00-11:50 HUIATT T
1545015 3 T 12:10-2:00 HUIATT T
1545020 4 T 2:10-4:00 HUIATT T

EQUINE SCIENCE AN S 216 3 CR.
PREREQ: 101 OR 114; ONE COURSE IN BIOLOGY
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
4825005 1 TR 9:00-9:50 FERWERDA N
M 10:00-11:50 FERWERDA N
4825010 2 TR 9:00-9:50 FERWERDA N
M 12:10-2:00 FERWERDA N
4825015 3 TR 9:00-9:50 FERWERDA N
M 2:10-4:00 FERWERDA N
### ANIMAL SCIENCE

#### COMPANION ANIM SCI  AN S  224  3 CR.

**PREREQ:** COURSE IN BIOLOGY  
**MATERIALS AND FIELD TRIPS & TRAVEL FEE** $0.00-$50.00

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#### SWINE SCIENCE  AN S  225  3 CR.

**PREREQ:** 114, 101  
**SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY**  
**SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.**  
**MATERIALS AND FIELD TRIPS & TRAVEL FEE** $0.00-$50.00

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#### BEEF CATTLE SCIENCE  AN S  226  3 CR.

**PREREQ:** 114, 101  
**SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY**  
**SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.**  
**MATERIALS AND FIELD TRIPS & TRAVEL FEE** $0.00-$50.00

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<td>MW</td>
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<td>SKAAR B</td>
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<td>8:00-9:50</td>
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#### SHEEP SCIENCE  AN S  229  3 CR.

**PREREQ:** 114, 101  
**MATERIALS AND FIELD TRIPS & TRAVEL FEE** $0.00-$50.00

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
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<td>12:10-2:00</td>
<td>YOUNGS C</td>
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### ANIMAL SCIENCE

**FOODS ANIMAL ORIGIN**  
AN S 270 3 CR.  
**PREREQ:** BIOL 212/202, CHEM 163 OR 177  
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00  
- 1524005  
  1 TR 8:00-8:50  
  W 10:00-11:50  
  2 TR 8:00-8:50  
  W 12:10-2:00  
  OLSEN S  
- 1524010  
  1 TR 8:00-8:50  
  2 TR 8:00-8:50  
  W 12:10-2:00  
  OLSEN S  

**CAREER PREP AN SCI**  
AN S 311 1 CR.  
SATISFACTORY-FAIL ONLY.  
**PREREQ:** JUNIOR CLASSIFICATION IN AN S  
- 1621005  
  1 W 4:10-6:00PM  
  KENEALY M  

**ANIMAL NUTRITION**  
AN S 319 3 CR.  
**PREREQ:** 214, COURSE IN ORGANIC CHEM OR BIOCHEM  
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
- 1529005  
  1 MW 11:00-11:50  
  R 8:00-9:50  
  2 MW 11:00-11:50  
  R 10:00-11:50  
  3 MW 11:00-11:50  
  R 12:10-2:00  
  4 MW 11:00-11:50  
  R 2:10-4:00  
  TYLER H  
- 1529010  
  1 MW 11:00-11:50  
  R 10:00-11:50  
  2 MW 11:00-11:50  
  R 12:10-2:00  
  3 MW 11:00-11:50  
  R 12:10-2:00  
  4 MW 11:00-11:50  
  R 2:10-4:00  
  TYLER H  
- 1529015  
  1 MW 11:00-11:50  
  R 12:10-2:00  
  2 MW 11:00-11:50  
  R 2:10-4:00  
  3 MW 11:00-11:50  
  R 3:10-5:00  
  4 MW 11:00-11:50  
  R 4:10-6:00  
  TYLER H  
- 1529020  
  1 MW 11:00-11:50  
  R 2:10-4:00  
  2 MW 11:00-11:50  
  R 3:10-5:00  
  3 MW 11:00-11:50  
  R 4:10-6:00  
  4 MW 11:00-11:50  
  R 5:10-7:00  
  TYLER H  

**ANIMAL REPRODUCTION**  
AN S 331 3 CR.  
**PREREQ:** COURSE IN PHYSIOLOGY  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
- 1531005  
  1 MWF 10:00-10:50  
  YOUNGS C  

**ANIM REPROD LAB MTH**  
AN S 332 2 CR.  
**PREREQ:** CREDIT OR ENROLLMENT IN 331  
MATERIALS FEE $0.00-$50.00  
- 1532005  
  1 TR 2:10-4:00  
  ANDERSON L  
- 1532010  
  2 MW 2:10-4:00  
  ANDERSON L  

**EMBRYO TRANSFER&TCH**  
AN S 333 2 CR.  
**PREREQ:** 331 OR 332  
COURSE RESTRICTED TO VET MED SOPH AND ABOVE.  
OTHERS MAY ADD BY PERMISSION OF INSTRUCTOR.  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
- 4617005  
  1 T 3:10-5:00  
  YOUNGS C  

**DAIRY CATTLE SELECT**  
AN S 335 2 CR.  
**PREREQ:** SOPHOMORE CLASSIFICATION  
FIELD TRIPS & TRAVEL FEE $0.00-$50.00  
- 1533005  
  1 TR 4:10-5:00  
  KILMER L  
  TR 2:10-4:00  
  KILMER L  

**LACTATION**  
AN S 337 2 CR.  
**PREREQ:** 214  
- 1711005  
  1 TR 11:00-11:50  
  TIMMS L  

**GRWTH&DEV DOMEST AN**  
AN S 345 3 CR.  
**PREREQ:** 214; BIOL 313 OR GEN 320  
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00  
- 4478005  
  1 MWF 2:10-3:00  
  REECY J  

**GENET IMPRV DOM ANI**  
AN S 352 3 CR.  
**PREREQ:** ONE COURSE IN STATISTICS, BIOL 211/201, COURSE IN GENETICS  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
- 1534010  
  1 WF 8:00-8:50  
  SPURLOCK D
ANIMAL SCIENCE

GENET IMPRV DOM ANI AN S 352 3 CR.
1534015 2 WF 8:00-8:50 SPURLOCK D
T 10:00-11:50 SPURLOCK D
1534020 3 WF 8:00-8:50 SPURLOCK D
T 12:10-2:00 SPURLOCK D

ANIM SCI INTERNSHIP AN S 399A 2- 6 CR.
PREREQ: PERMISSION OF THE INSTRUCTOR
1538005 ARRANGED SPIKE P

SUPERV’D INTERNSHIP AN S 399B R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INTERNSHIP COORDINATOR
2258005 ARRANGED SPIKE P

ISSUES ANIMAL SCIEN AN S 411 1 CR.
PREREQ: SENIOR CLASSIFICATION IN AN S
1713005 T 4:10-6:00PM SKAAR B

EQUINE SYSTEMS MGMT AN S 415 3 CR.
PREREQ: 216, 319, 331
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8779005 1 MW 12:10-1:00 MILLER P
T 10:00-11:50 MILLER P
8779010 2 MW 12:10-1:00 MILLER P
R 10:00-11:50 MILLER P

EQUINE REPRODUC MGT AN S 417 3 CR.
PREREQ: 216, 319, CREDIT OR CONCURRENT ENR IN 415
PERMISSION OF INSTRUCTOR
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$0.00-$150.00
8257005 1 MW 2:10-4:00 MILLER P

COMPANION ANMIL SYS AN S 424 3 CR.
PREREQ: 224, 319, 331, 352
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1803005 1 MW 11:00-11:50 HOFFMAN M
F 12:10-2:00

BF CATTLE SYSTS MGT AN S 426 3 CR.
PREREQ: 226; 270; 319; 331; 352; ECON 330 OR
EQUIVALENT RECOMMENDED
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1550010 1 MW 3:10-4:00 HOFFMAN M
R 12:10-2:00 HOFFMAN M

SHEEP SYSTEMS MGT AN S 429 3 CR.
PREREQ: 229; 319; 331; 352; AGRON 334 RECOMMENDED
ECON 330 OR EQUIVALENT RECOMMENDED
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1551005 1 TR 10:00-10:50 MORRICAL D
T 2:10-4:00 MORRICAL D

APP DAIRY FARM EVAL AN S 435 3 CR.
PREREQ: 434, ECON 330
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8618005 1 MW 1:10-2:00 KILMER L
F 8:00-9:50 KILMER L
ANIMAL SCIENCE

AN INDUS&VET GENTCS   AN S 452X     3 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1666005   1 MW 10:00-10:50         SPIKE P
F 10:00-11:50         SPIKE P

PROCESSED MEATS       AN S 460      3 CR.
PREREQ: 270
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1666005   1 MW 9:00-9:50           SEBRANEK J
R 8:00-9:50           SEBRANEK J
1555015   2 MW 9:00-9:50           SEBRANEK J
R 12:10-2:00           SEBRANEK J

JUDGING MEAT ANIMAL   AN S 475A   1- 2 CR.
PREREQ: ADMISSION BY INVITATION
NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
TOWARD GRADUATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$600.00
1556005   1 ARRANGED               THAYNE J

JUDGING DAIRY CATTLE   AN S 475B   1- 2 CR.
PREREQ: ADMISSION BY INVITATION
NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
TOWARD GRADUATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$600.00
1557005   1 ARRANGED               KILMER L

JUDGING MEATS         AN S 475C   1- 2 CR.
PREREQ: ADMISSION BY INVITATION
NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
TOWARD GRADUATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$600.00
1558005   1 ARRANGED               OLSEN S

JUDGING MEAT ANIM EVAL   AN S 475D   1- 2 CR.
PREREQ: ADMISSION BY INVITATION
NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
TOWARD GRADUATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$600.00
1559005   1 ARRANGED               SKAAR B

JUDGING HORSES        AN S 475E   1- 2 CR.
PREREQ: ADMISSION BY INVITATION
NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
TOWARD GRADUATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$600.00
4470005   1 ARRANGED               FERWERDA N

INTCOLL JUDG MGT SY   AN S 475F   1- 2 CR.
PREREQ: ADMISSION BY INVITATION
NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
TOWARD GRADUATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$600.00
1728008   1 ARRANGED               KILMER L

ANIMAL SCIENCE
BEEF INDU LDR FELLW  AN S  480A  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 226, INSTRUCTOR PERMISSION
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$50.00
8710005   1 ARRANGED   SKAA B
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

PORK INDU LDR FELLW  AN S  480C  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 225, INSTRUCTOR PERMISSION
4509005   1 ARRANGED   BAAS T
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ISSUES FOOD SAFETY  AN S  489  1 CR.
PREREQ: CREDIT OR ENROLLMENT IN FS HN 101 OR 272
     OR HR1 233; FS HN 419 OR 420; FS HN 403
8348005     MW 3:10-4:00
MARCH 9-MAY 8

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

INDEP STUDY HONORS  AN S  490H  1-3 CR.
PREREQ: PERMISSION OF THE INSTRUCTOR, MEMBERSHIP
IN THE HONORS PROGRAM
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$50.00
******     SEE DEPT FOR REFERENCE NUMBERS
ANIMAL SCIENCE

AG TRAVEL CRSE PREP AN S 495 R CR.
  PREREQ: PERMISSION OF INSTRUCTOR
  1590005 ARRANGED KENEALY M

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

NON-RUMIN DIGESTIVE  AN S 518 3 CR.
  PREREQ: 419 OR NUTRS 501
  1572005 1 MWF 12:10-1:00

PHYSL&ENDOCR  REPRO  AN S 533 2 CR.
  PREREQ: GENERAL PHYSIOLOGY COURSE
  1574005 1 ARRANGED ANDERSON L

PERINATOLOGY  AN S 536 2 CR.
  PREREQ: ONE COURSE IN PHYSIOLOGY; ONE COURSE IN
  BIOCHEMISTRY
  1782005 1 ARRANGED TYLER H
  1782600 XW ARRANGED
  SECT XW: JAN 12-MAY 8
  DELIVERY FEE $99.00.
  SECTION XW IS OFF CAMPUS.
  DELIVERY IS WWW

TOP FARM AN WELFARE  AN S 537C 3 CR.
  PREREQ: PERMISSION OF INSTRUCTOR; M.S. OR PH.D.
  STUDENT
  8666005 1 ARRANGED

LIVESTK IMMUNOGENET  AN S 540 2 CR.
  PREREQ: 561 OR MICRO 575 OR V MPM 520
  1576005 1 ARRANGED LAMONT S

ADV VERTEB PHYSL II  AN S 552 3 CR.
  PREREQ: BIOL 335, CR OR ENRMT IN BBMB 420 OR 404
  COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2009.
  2278005 1 MWF 2:10-3:00

PROCESSED MEATS  AN S 560 3 CR.
  PREREQ: 270
  MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
  1730005 1 MW 9:00-9:50 SEBRANEK J
  R 8:00-9:50 SEBRANEK J
  1730010 2 MW 9:00-9:50 SEBRANEK J
  R 12:10-2:00 SEBRANEK J

LINEAR MOD&GEN PRED  AN S 562A 2 CR.
  PREREQ: 561, STAT 402
  2352005 1 TR 10:00-10:50 BERGER P

ADV GEN PREDI&PARAM  AN S 562B 2 CR.
  PREREQ: 561, STAT 402
  7577005 1 ARRANGED BERGER P

PRO PRACTC RESEARCH  AN S 565A .5 CR.
  PREREQ: GRADUATE CLASSIFICATION
  58290005 1 T 12:10-1:00
  5829010 2 ARRANGED
ANIMAL SCIENCE

PRO PRAC INTEL PROP AN S 565B .5 CR.
PREREQ: GRADUATE CLASSIFICATION
5870005 ARRANGED

ADV MEAT SCI&MUSCLE AN S 570 3 CR.
PREREQ: 470
1578005 1 MW 9:00-9:50 LONERGAN E
F 9:00-10:50 LONERGAN E

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

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

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

SPCL TOP DAIRY PROD AN S 590D 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

SPL TOP POULTR PROD AN S 590I 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXP SURGERY AN S 590J 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

CRTV COMP ANI NUTRI AN S 599B 1- 8 CR.
PREREQ: NONTHESIS M.S. STATUS
******* SEE DEPT FOR REFERENCE NUMBERS
ANIMAL SCIENCE

CRTV CMP AN PHYSIO AN S 599C 1-8 CR.
PREREQ: NONTHESIS M.S. STATUS
****** SEE DEPT FOR REFERENCE NUMBERS

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

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

ANIML NUTRITION SEM AN S 603 1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
1591005 M 4:10-5:00 RUSSELL J

AN BREEDG GOALS&SEL AN S 652A 2 CR.
PREREQ: 561
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1598005 1 ARRANGED DEKKERS J

DSIGN&EV BREED PROG AN S 652B 2 CR.
PREREQ: 561
7584005 1 ARRANGED DEKKERS J

SEM AN BREEDG&GENET AN S 658 1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
7083005 T 11:00-11:50 MABRY J

MODERN VIEWS NUTRI AN S 680 R CR.
1603005 W 4:10-5:00 RUSSELL J

SEMINAR MEAT SCIENC AN S 684 1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
1604005 T 12:10-1:00 SEBRANEK J

SEMINAR MUSCLE BIOL AN S 685 1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
1605005 ARRANGED ROBSON R

SEMINAR ANIMAL SCI AN S 695 1 CR.
SATISFACTORY-FAIL ONLY.
7289005 1 F 4:10-5:00 SPURLOCK M

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

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

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

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

MEAT SCIE N RESEARCH AN S 699E VAR. CR.
****** SEE DEPT FOR REFERENCE NUMBERS

ANIMAL SCIENCE
ANTHROPOLOGY

INTRO CULTURL ANTHR ANTHR 201  3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
  1615005  1 MW 10:00-10:50
           W 11:00-11:50
  1615010  2 MW 10:00-10:50
           W 12:10-1:00
  1615015  3 MW 10:00-10:50
           W 1:10-2:00
  1615020  4 MW 10:00-10:50
           W 2:10-3:00
  1615025  5 MW 10:00-10:50
           W 3:10-4:00
  1615030  6 MW 10:00-10:50
           W 4:10-5:00
  1615035  7 MW 10:00-10:50
           R 8:00-8:50
  1615040  8 MW 10:00-10:50
           R 9:00-9:50
  1615045  9 MW 10:00-10:50
           R 10:00-10:50
  1615050 10 MW 10:00-10:50
           R 11:00-11:50
  1615055 11 MW 10:00-10:50
           R 12:10-1:00
  1615060 12 MW 10:00-10:50
           R 1:10-2:00
  1615065 13 MW 10:00-10:50
           R 2:10-3:00
  1615070 14 MW 10:00-10:50
           R 3:10-4:00
  1615075 15 MW 10:00-10:50
           R 4:10-5:00
  1615080 16 TR 9:30-10:50

INTR BIOL AN&ARCHEO ANTHR 202  3 CR.
  1616005  1 MW 9:00-9:50
           M 10:00-10:50
  1616010  2 MW 9:00-9:50
           M 11:00-11:50
  1616015  3 MW 9:00-9:50
           M 12:10-1:00
  1616020  4 MW 9:00-9:50
           M 1:10-2:00
  1616025  5 MW 9:00-9:50
           M 2:10-3:00
  1616030  6 MW 9:00-9:50
           M 3:10-4:00

GLOBALZAT&HUMN COND ANTHR 230  3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
  7017005  1 TR 11:00-12:20
ANTHROPOLOGY

CNTMPRY MUSLIM SOCI  ANTHR 250  3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6940005  1 TR 12:40-2:00

CULTURL ANTHROPOLOGY  ANTHR 306  3 CR.
PREREQ: 201
MEETS INTERNATIONAL PERSPECTIVES REQMT.
1617005  1 MW 10:00-10:50
  T 8:00-9:50
1617010  2 MW 10:00-10:50
  T 10:00-11:50
1617015  3 MW 10:00-10:50
  T 12:10-2:00
1617020  4 MW 10:00-10:50
  T 2:10-4:00

BIOLOGICAL ANTHROPO ANTHR 307  3 CR.
PREREQ: 202
FIELD TRIPS & TRAVEL FEE $10.00
INSTRUCTOR PERMISISON REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1618005  1 MW 2:10-3:00
  F 8:00-9:50
1618010  2 MW 2:10-3:00
  F 10:00-11:50
1618015  3 MW 2:10-3:00
  F 12:10-2:00
1618020  4 MW 2:10-3:00
  F 2:10-4:00

WORLD PREHISTORY  ANTHR 321  3 CR.
PREREQ: 202 RECOMMENDED
2083005  1 TR 11:00-12:20

PEOPLE&CUL NATV N AM  ANTHR 322  3 CR.
PREREQ: 201 OR AM IN 210
MEETS U.S. DIVERSITY REQMT.
1626005  1 TR 2:10-3:30

PEOPLE&CULTR LAT AM  ANTHR 323  3 CR.
PREREQ: 201 OR 306 RECOMMENDED
MEETS INTERNATIONAL PERSPECTIVES REQMT.
1627005  1 MWF 12:10-1:00

MAGIC,WITCHC,&RELIG  ANTHR 340  3 CR.
PREREQ: 201 OR 306
MEETS INTERNATIONAL PERSPECTIVES REQMT.
1634005  1 TR 9:30-10:50

FORENSIC ANTHROPLGY  ANTHR 424  3 CR.
PREREQ: 319
7119005  1 TR 12:40-2:00

ARC LAB METHD LITHC  ANTHR 428A  3 CR.
MATERIALS FEE $10.00
7116005  1 TR 4:10-5:30

INTERNSHIP ARCHAEOLOG ANTHR 434 2- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JUNIOR OR SENIOR STANDING
NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434
MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS
FOR THE MAJOR OR FOR THE ANTHR MINOR.
ANTHROPOLOGY

PRIMATE EVO EC&BHV ANTHR 438 3 CR.
PREREQ: 202 OR 307
FIELD TRIPS & TRAVEL FEE $15.00
6959005 1 MWF 11:00-11:50

PRACTICUM ARCHAEOLOGY ANTHR 451A 1-3 CR.
PREREQ: 201 OR 202 OR 308
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4780005 ARRANGED

PRACTICUM CULTURAL ANTHR 451B 1-3 CR.
PREREQ: 201 OR 202 OR 308
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1095005 ARRANGED

PRACTICUM BIOLOGICAL ANTHR 451C 1-3 CR.
PREREQ: 201 OR 202 OR 308
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1102005 ARRANGED

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

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

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

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

INDEP STUDY HONORS  ANTHR 490H  1- 5 CR.
PREREQ: 9 CREDITS IN ANTHROPOLOGY, MEMBERSHIP IN THE HONORS PROGRAM
NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******     SEE DEPT FOR REFERENCE NUMBERS

LANGUAGE & CULTURE  ANTHR 500  3 CR.
PREREQ: 309 OR 510
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1645005   1 W 5:10-8:00PM

WORLD PREHISTORY  ANTHR 521  3 CR.
PREREQ: 202 RECOMMENDED
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
2088005   1 TR 11:00-12:20

PEOPLE&CULTR NATV N AM  ANTHR 522  3 CR.
PREREQ: 201 OR AM IN 210
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
8365005   1 TR 2:10-3:30

PEOPLE&CULTR LAT AM  ANTHR 523  3 CR.
PREREQ: 6 CR. IN ANTHR; 201 OR 306 RECOMMENDED
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7528005   1 MWF 12:10-1:00

FORENSIC ANTHROPLGY  ANTHR 524  3 CR.
PREREQ: 319
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
7720005   1 TR 12:40-2:00

ARC LAB METHD LITHC  ANTHR 528A  3 CR.
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
MATERIALS FEE $10.00
7115005   1 TR 4:10-5:30

PRIMATE EVO ECO&BHV  ANTHR 538  3 CR.
PREREQ: 202 OR 307
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
FIELD TRIPS & TRAVEL FEE $15.00
6945005   1 MWF 11:00-11:50

MAGIC,WITCHC,&RELIG  ANTHR 540  3 CR.
PREREQ: 6 CR IN ANTHR; 201 OR 306 RECOMMENDED
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7687005   1 TR 9:30-10:50

GRAD INDEPNDNT STDY  ANTHR 590  1- 4 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******     SEE DEPT FOR REFERENCE NUMBERS
RESEARCH

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

APPAREL, ED STUDIES, & HOSPITALITY MGMT

PRO DEVEL FOR AESHM     AESHM 111X     3 CR.
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$50.00
5099005  1 M 9:00-9:50
          W 8:00-9:50
          SEC 1 RESTRICTED TO HRI, FCEDS MAJORS ONLY
5099010  2 M 9:00-9:50
          W 8:00-9:50
          SEC 2 RESTRICTED TO AMDP MAJORS ONLY
5099015  3 M 9:00-9:50
          F 8:00-9:50
          SEC 3 RESTRICTED TO AMDP MAJORS ONLY

P R & EVENT MGMT I       AESHM 271     1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR. COURSE MUST
        BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN
        BE REPEATED FOR 1 CREDIT.
        COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST
        TIME, THEN MAY BE REPEATED FOR 1 CREDIT
MATERIALS AND EQUIPMENT USE FEE  $5.00-$50.00
4556005  W 6:00-8:00PM
        ARRANGED
        INSTRUCTOR PERMISSION REQUIRED; PROCESS
        APPROVED ADD SLIP IN 10 ALUMNI HALL

PRIN MGMT HUMAN SCI      AESHM 287     3 CR.
4608005  1A MWF 11:00-11:50
        SEC 1A RESTRICTED TO HRI MAJORS ONLY
4608010  1B MWF 11:00-11:50
        SEC 1B RESTRICTED TO AMDP, T C MAJORS ONLY
4608015  1C MWF 11:00-11:50
        SEC 1C FOR MAJORS OTHER THAN HRI, AMDP AND T C.

AESTHETIC OF EVERYDAY   AESHM 342     3 CR.
MEETS U.S. DIVERSITY REQMT.
4609005  1A MWF 11:00-11:50
        SEC 1A RESTRICTED TO HRI & FCEDS MAJORS ONLY
4609010  1B MWF 11:00-11:50
        SEC 1B RESTRICTED TO T C MAJORS ONLY

GLOBAL LEADERSHIP       AESHM 421     3 CR.
PREREQ: 6 CREDITS IN FAMILY AND CONSUMER SCIENCES
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4611005  1 MWF 1:10-2:00

P R & EVENT MGMT II      AESHM 471     1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR. COURSE MUST
        BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN
        BE REPEATED FOR 1 CREDIT.
        COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST
        TIME, THEN MAY BE REPEATED FOR 1 CREDIT
MATERIALS AND EQUIPMENT USE FEE  $5.00-$50.00
4612005  W 6:00-8:00PM
        ARRANGED
        INSTRUCTOR PERMISSION REQUIRED; PROCESS
        APPROVED ADD SLIP IN 10 ALUMNI HALL
APPAREL, ED STUDIES, & HOSPITALITY MGMT

ENTREPRNR HUMAN SCI   AESHM 474      3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $5.00-$40.00
4618005     TR 5:00-6:30PM

ARABIC

ELEMENTRY ARABIC II   ARABC 102X     4 CR.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7442005   1 MTWR 10:00-10:50
7442010   2 MTWR 8:00-8:50

ARCHITECTURE

ARCHITECT DESIGN II   ARCH 202      6 CR.
PREREQ: 201
COURSE RESTRICTED TO ARC MAJORS ONLY
MATERIALS AND FIELD TRIPS & TRAVEL FEE $300.00-$400.00
1674005     F 4:10-5:20           ZARECOR K
            MW 1:10-5:20           ZARECOR K
            F 1:10-3:50           ZARECOR K

HIST WESTERN ARC II   ARCH 222      3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7737005   1 MW 9:00-9:50           MAVES J
            F 9:00-9:50
7737010   2 MW 9:00-9:50           MAVES J
            F 9:00-9:50
7737015   3 MW 9:00-9:50           MAVES J
            F 9:00-9:50
7737020   4 MW 9:00-9:50           MAVES J
            F 9:00-9:50
7737025   5 MW 9:00-9:50           MAVES J
            F 10:00-10:50
7737030   6 MW 9:00-9:50           MAVES J
            F 10:00-10:50
7737035   7 MW 9:00-9:50           MAVES J
            F 10:00-10:50
7737040   8 MW 9:00-9:50           MAVES J
            F 10:00-10:50

ARCH STRUCTURES I     ARCH 242      3 CR.
PREREQ: 240
2641005     TR 8:00-9:50           BOLLYUT J

ARCHITECT DESIGN IV   ARCH 302      6 CR.
PREREQ: 301 AND MINIMUM 2.0 GPA IN PREVIOUS
STUDIO COURSES
FIELD TRIPS & TRAVEL FEE $25.00-$625.00
1682005     F 4:10-5:20           ALREAD J
            MW 1:10-5:20           ALREAD J
            F 1:10-3:50           ALREAD J

PRACTICAL EXPERIENC   ARCH 310      R CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
2544005     ARRANGED               LEWIS C

COMPUTER APPLICATNS   ARCH 334      3 CR.
PREREQ: 201, 230
1889005     TR 3:40-5:00           CHAN C
ARCHITECTURE

THREE-DIMENS STUDIO  ARCH  335  2 CR.
1686005  1 TR 1:10-3:30  SHAO P
1686010  2 TR 9:00-11:20  SHAO P

ARCH STRUCTURES III  ARCH  346  3 CR.
PREREQ: 344
2256005  MWF 9:00-9:50  BOLLUYT J

SOLAR HOME DESIGN  ARCH  351  3 CR.
PREREQ: 202
FIELD TRIPS & TRAVEL FEE $2.00-$6.00
1687005  R 7:00-9:40PM  BLOCK D

ENVIR FORCES IN ARC  ARCH  357  3 CR.
PREREQ: COMPLETION OF THE PREPROFESSIONAL PROGRAM & ADMISSION INTO PROFESSIONAL PROGRAM
FIELD TRIPS & TRAVEL FEE $2.00-$6.00
1932005  1 TR 12:40-2:00  PASSE U
SEC 1 RESTRICTED TO ARC & ARCH MAJORS ONLY.
1932010  2 TR 12:40-2:00  PASSE U
SEC 2 FOR MAJORS OTHER THAN ARC, ARCH.

ARCHITECT DESIGN VI  ARCH  402  6 CR.
PREREQ: 401 AND MINIMUM 2.0 GPA IN PREVIOUS STUDIO COURSES
MATERIALS AND FIELD TRIPS & TRAVEL FEE $25.00-$750.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
1692005  F 4:10-5:20
MW 1:10-5:20
F 1:10-3:50
1692080  IT ARRANGED  BERMANN K
SECT IT: JAN 12-APRIL 9
SEC IT TAUGHT IN ROME, ITALY. "COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2009.
OFFERED FOR 6 CREDITS

ARCHITECT DESIGN VIII  ARCH  404  6 CR.
PREREQ: 403
MATERIALS AND FIELD TRIPS & TRAVEL FEE $40.00-$750.00
1694005  F 4:10-5:20
MW 1:10-5:20
F 1:10-3:50

HIST AMERICAN ARCH  ARCH  420  3 CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF ARCH 420 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
TOPIC: HISTORY OF THE AMERICAN CITY: CASE STUDIES IN URBAN INFRASTRUCTURE.
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8270005  TR 11:00-12:20  ZARECOR K

TOPICS 19TH CENTURY  ARCH  424  3 CR.
PREREQ: JUNIOR CLASSIFICATION
NO MORE THAN 6 CREDITS OF ARCH 424 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1698005  1 MWF 11:00-11:50  MAVES J
ARCHITECTURE

ANALYTICAL DRAWING  ARCH 431  3 CR.
PREREQ: 232, 302
2154005 1 MWF 10:00-10:50  MASTERSON C
2154080 IT ARRANGED  BERMANN K
SECT IT: JAN 12-APRIL 9
SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
DESIGN IN ROME: ARCHITECTURE, SPRING 2009.
OFFERED FOR 3 CREDITS

ADVANCED DESIGN MEDIA  ARCH 436  3 CR.
PREREQ: 230
MATERIALS AND EQUIPMENT USE FEE $5.00
1704005 1 TR 9:30-10:50  CAMPBELL C

MATERIALS AND ASSEMBLIES II  ARCH 448  3 CR.
PREREQ: 346
MATERIALS AND FIELD TRIPS & TRAVEL FEE $5.00-$15.00
1933005 TR 12:40-2:00  BASSLER B

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

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

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

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

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

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

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

ARCHITECT DESIGN II   ARCH 506      5 CR.
PREREQ: 505; 583; 541. CONCURRENT ENROLLMENT
REQUIRED IN 596 AND 542.
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$50.00-$600.00
7753005       MW 1:10-5:20       MUECKE M

MIDDLE EAST CITIES   ARCH 519X     3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
2513005       1 R 4:10-6:40PM      GHANDOUR M

TOP STDI ARCH&CULTR   ARCH 528A 2- 3 CR.
PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
FIELD TRIPS & TRAVEL FEE $5.00-$250.00
1731005 1 T 6:30-8:50PM       NAEGLE D
1731010 2 TR 9:30-10:50       SQUIRE M
TOPIC: GOODNESS & BEAUTY
1731015 3 TR 12:40-2:00       ANDERSON N
SEC 5 TOPIC: DESIGN AS ACTIVISM.
1731020 4 T 4:10-6:40PM       CARDINAL-PETT C
SEC 2 TOPIC: RE-ENCOUNTERING THE OTHER AMERICANS:
PRE-COLUMBIAN CITIES, COLONIAL WILDERNESS & POST-
COLONIAL COLOIAS. RESTRICTED TO SENIORS AND GRADUATE
STUDENTS ONLY.
1731080 IT ARRANGED              SCHNEIDER P
SECT IT: JAN 12-APRIL 9

TOPCL STDI TECHNOLG   ARCH 528B 2- 3 CR.
PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
COURSE OFFERED FOR 3 CREDITS SPRING 2009
TOPIC: PHYSICS AND FORM
FIELD TRIPS & TRAVEL FEE $5.00-$250.00
1304008 1 TR 3:40-5:00

TOPCL STDI CMMUNCAT   ARCH 528C 2- 3 CR.
PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2009
COURSE TOPIC: FILE TO FABRICATION
FIELD TRIPS & TRAVEL FEE $5.00-$250.00
1326005 1 T 6:40-8:00PM       MUECKE M
R 6:40-8:00PM       MUECKE M
TOPIC: FILE TO FABRICATION

ADV CMPUTR-AID ARCH   ARCH 534      3 CR.
PREREQ: 434, PERMISSION OF INSTRUCTOR
1735005 1 TR 11:00-12:20       CHAN C

ADV THREE-DI STUDIO   ARCH 535      2 CR.
PREREQ: 335 OR GRADUATE STANDING
1736005 1 TR 1:10-3:30       SHAO P
1736010 2 TR 9:00-11:20       SHAO P

SCI&TECH FOR ARC II   ARCH 542      5 CR.
PREREQ: 505; 595; 541. CONCURRENT ENROLLMENT
REQUIRED IN 506 AND 596.
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$50.00-$200.00
7735005  TR 1:10-2:30       LESLIE T
F 9:30-11:50       LESLIE T
ARCHITECTURE

PRESERVATN & REHABTN ARCH 567 3 CR.
PREREQ: SENIOR CLASSIFICATION
FIELD TRIPS & TRAVEL FEE $5.00-$10.00
4712005 1 TR 9:30-10:50 OSTERBERG A
SEC 1 RESTRICTED TO ARC, ARCH MAJORS ONLY
4712010 2 TR 9:30-10:50 OSTERBERG A
SEC 2 FOR MAJORS OTHER THAN ARC, ARCH

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

SEMN BUILT ENVIR II ARCH 596 5 CR.
PREREQ: 505; 541; 595. CONCURRENT ENROLLMENT
IN 506 AND 542.
MATERIALS AND FIELD TRIPS & TRAVEL FEE
550.00-500.00
7926005 T 9:30-12:10 PAXSON L
R 10:30-11:50 PAXSON L

DESIGN STUDIO OPTNS ARCH 602 6 CR.
PREREQ: 601
COURSE RESTRICTED TO ARCH MAJORS ONLY
FIELD TRIPS & TRAVEL FEE $125.00-$500.00
1760005 F 4:10-5:20
MW 1:10-5:20
F 1:10-3:50, ARRANGED

COMPREHENSIV DESIGN ARCH 603 6 CR.
PREREQ: 601
COURSE RESTRICTED TO ARCH MAJORS ONLY
FIELD TRIPS & TRAVEL FEE $125.00-$750.00
1761080 IT ARRANGED BERMANN K
SECT IT: JAN 12-APRIL 9
SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
DESIGN IN ROME: ARCHITECTURE, SPRING 2009.
OFFERED FOR 6 CREDITS

SCI&TECH FOR ARC IV ARCH 644 3 CR.
PREREQ: 643 OR ADVANCED STANDING
1746005 1 MW 11:00-11:50 ALREAD J
F 11:00-12:20 ALREAD J

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

GRADUATE SEMINAR ARCH 698 R CR.
PREREQ: GRADUATE STANDING
1749005 1 R 2:40-4:00

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

ART & DESIGN

DRAWING II ART 230 3 CR.
PREREQ: DSN S 131
MATERIALS AND PROFESSIONAL SUPPORT FEE $5.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

1779005  A MWF 12:10-2:00  GIBBS K
SEC A RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
ARTID, ARTIS, BPM I & PBPMI MAJORS.

1779010  B MWF 10:00-11:50  GIBBS K
SEC B RESTRICTED TO ARTFA, ARTIS, BPM I & PBPMI
MAJORS ONLY.

1779015  C MWF 12:10-2:00  WALTON B

FINE ARTS EUROPE SEM  ART 494A   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR AND PLANNED
ENROLLMENT IN 495
MEETS INTERNATIONAL PERSPECTIVES REQMT.

1680005  M 6:00-6:50PM  JONES B

GRAPHIC DSN EUR SEM  ART 494G   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR AND PLANNED
ENROLLMENT IN 495
MEETS INTERNATIONAL PERSPECTIVES REQMT.

1710005  M 6:00-6:50PM  URE C

INTERIOR DS EUR SEM  ART 494I   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR AND PLANNED
ENROLLMENT IN 495
MEETS INTERNATIONAL PERSPECTIVES REQMT.

1739005  M 6:00-6:50PM  SCHNEIDER P

ART HIST EUROPE SEM  ART 494N   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR AND PLANNED
ENROLLMENT IN 495
MEETS INTERNATIONAL PERSPECTIVES REQMT.

1742005  M 6:00-6:50PM

ART HIST IN EUROPE  ART 495N   3 CR.
PREREQ: 494, PERMISSION OF INSTRUCTOR
COURSE RESTRICTED TO ARTDN, ARTFA & ARTIS
MAJORS ONLY.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

7552080  IT ARRANGED
SECT IT: JAN 12-APRIL 9
SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
DESIGN IN ROME: ARCHITECTURE, SPRING 2009.
OFFERED FOR 3 CREDITS

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

9444005  RB ARRANGED
9444015  SH ARRANGED
ART & DESIGN

INTRNSHP MUSEUM/GAL   ART   498   1- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ADVANCED CLASSIFICATION IN A DEPT CURR,
WRITTEN APPROVAL OF SUPERVISING INSTR ON REQUIRED
FORM IN ADVANCE OF SEM OF ENROLLMENT
7821010  JC ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ART &DESIGN SEMINAR   ART   501      3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
1892005  M 6:00-9:00PM  MORGAN E

ART HIST IN EUROPE    ART   595N     3 CR.
PREREQ: GRAD CLASSIF, 494 OR EQUIV, INSTR PERMSSN
7560080  IT ARRANGED
SECT IT:JAN 12-APRIL 9
SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
DESIGN IN ROME: ARCHITECTURE, SPRING 2009.
OFFERED FOR 3 CREDITS

MUSEUM/GALLRY INTRN   ART   598   1- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRAD CLASSIFICATION & INSTRUCTOR PERMISH
WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF ENROLLMENT
9445020  BJ ARRANGED
9445010  JC ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDIO INTERNSHIP     ART   697  VAR.  CR.
PREREQ: GRAD CLASSIFICATION & APPROVAL OF POS COMMITTEE
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8371005  RB ARRANGED
8371180  SH ARRANGED  HERRNSTADT S

THESIS RESEARCH       ART   699A VAR.  CR.
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
1949005   ARRANGED

THESIS RES--EXHIBIT   ART   699B VAR.  CR.
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
1950005   ARRANGED

ART EDUCATION

INTRO TO ART EDUC   ARTED 211      3 CR.
COURSE FOR EL ED, ECE MAJORS ONLY
MATERIALS FEE $30.00
1773005  TR 11:00-1:50  CALDWELL B

ART HISTORY

HISTORY OF DESIGN    ART  H 181    3 CR.
COURSE FOR MAJORS OTHER THE ART H.
2621005  TR 2:10-3:30  CUNNALLY J
HISTORY OF ART II ART H 281 3 CR.
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
1791005 TR 12:40-2:00 MORGAN E

GREEK & ROMAN ART ART H 383 3 CR.
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1826005 TR 4:10-5:30 CUNNALLY J

19TH CENTURY ART ART H 487 3 CR.
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1829005 TR 11:00-12:20 HESS H

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

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

ART & THRY SINCE 1945 ART H 495 3 CR.
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3002005 TR 4:10-6:00PM EISMAN A

TOPICS IN ART HIST ART H 498 3 CR.
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1738005 A MW 4:10-5:30
1738010 B TR 12:40-2:00 EISMAN A

GREEK & ROMAN ART ART H 583 3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
COURSE RESTRICTED TO DSN S MAJORS ONLY.
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1913005 TR 4:10-5:30 CUNNALLY J

19TH CENTURY ART ART H 587 3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
COURSE RESTRICTED TO DESIGN COLLEGE GRADS
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1916005 TR 11:00-12:20 HESS H
ART HISTORY

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

ART&THRY SINCE 1945 ART H 595 3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
MEETS U.S. DIVERSITY REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8400005 TR 4:10-6:00PM EISMAN A

TOPICS IN ART HIST ART H 598 3 CR.
PREREQ: GRAD CLASSIFICATION, INSTR PERMISSION
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
1792005 A MW 4:10-5:30
1792010 B TR 12:40-2:00

ART:GRAPHIC DESIGN

GRAPH DSGN STUDIO II ARTGR 271 3 CR.
PREREQ: ART 230, ARTGR 270, 275, ENROLLMT IN 276
COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
MATERIALS AND PROFESSIONAL SUPPORT FEE $8.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1786005 A MWF 8:00-9:50 KANG S
1786010 B MWF 8:00-9:50 QUAM A
1786015 C MWF 8:00-9:50 URE C
1786020 D MWF 8:00-9:50 NICKELSON A

GRAPHIC TECHNOLOGY II ARTGR 276 2 CR.
PREREQ: 275, ENROLLMENT IN 271
COURSE RESTRICTED TO ARTGR MAJORS ONLY. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
5292005 A T R 8:00-9:50 SCHERER B
5292010 B T R 8:00-9:50 BJORNGAARD B
5292015 C T R 8:00-9:50 OUTHOUSE M
5292020 D T R 8:00-9:50 SWAHARU P

GRAPH DSN STUDIO IV ARTGR 371 3 CR.
PREREQ: 370, 387, ENROLLMT IN A 2-CREDIT OPTION
COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $258.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1820005 A MWF 10:00-11:50 KANG S
1820010 B MWF 10:00-11:50 BRUSKI P
1820015 C MWF 10:00-11:50 QUAM A

GR DSN MTRL&PROCES ARTGR 372 2 CR.
PREREQ: CREDIT OR ENROLLMENT IN 371
COURSE RESTRICTED TO ARTGR MAJORS
MATERIALS AND PROFESSIONAL SUPPORT FEE $60.00
ART: GRAPHIC DESIGN

GRPH DSN INTERN SEM  ARTGR 377  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: CREDIT OR ENROLLMENT IN 370 OR 371
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7537005  T 11:00-11:50  SATTERFIELD D

TIME BASE MLTIMEDIA  ARTGR 473  2 CR.
PREREQ: ENROLLMENT IN 370 OR 371, OR 470 OR 482
COURSE RESTRICTED TO ARTGR MAJORS
1894005  MW 8:00-9:50  BRUSKI P

EXHIBITION DESIGN  ARTGR 474  2 CR.
PREREQ: ENROLLMENT IN 370 OR 371 OR 470 OR 482
COURSE RESTRICTED TO ARTGR MAJORS.
FIELD TRIPS & TRAVEL FEE $250.00
1868005  A TR 4:10-6:00PM  FONTAINE L

ADVANCED TYPOGRAPHY  ARTGR 475  2 CR.
PREREQ: ENROLLMENT IN 370 OR 371 OR 470 OR 482
COURSE RESTRICTED TO ARTGR MAJORS
1890005  MW 12:10-2:00  CURRAN P

GPHC DSN METHODLGY  ARTGR 476  2 CR.
PREREQ: ENROLLMENT IN 370 OR 371 OR 470 OR 482
COURSE RESTRICTED TO ARTGR MAJORS
1889005  MW 12:10-2:00  MICKELSON A

GRAPH DSN PRACTICUM  ARTGR 477  2 CR.
PREREQ: ENROLLMENT IN 370 OR 371 OR 470 OR 482,
PORTFOLIO REVIEW AND PERMISSION OF INSTRUCTOR
COURSE RESTRICTED TO ARTGR MAJORS.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$10.00
7886005  TR 8:00-9:50  URE C

WEB DSGN E-COMMERCE  ARTGR 478  2 CR.
PREREQ: ENROLLMENT IN 370 OR 371 OR 470 OR 482
COURSE RESTRICTED TO ARTGR MAJORS
1912005  MW 3:10-5:00  KANG S

GRPH DSGN PRO PRACT  ARTGR 481  3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 470
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8261005  TR 6:10-7:30PM  CURRAN P

PROFESNL PRESNTTN  ARTGR 482  3 CR.
PREREQ: 470, ENROLLMENT IN A 2-CREDIT OPTION
COURSE RESTRICTED TO ARTGR MAJORS
MATERIALS FEE $8.00
1929005  A MWF 10:00-11:50  CURRAN P
1929010  B MWF 10:00-11:50  MICKELSON A
1929015  C MWF 10:00-11:50  URE C

STUDIES IN GRPH DSN  ARTGR 484  1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
RESTRICTED TO ARTGR MAJORS ONLY. OFFERED FOR 2
CREDITS SPRING 2009
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8261005  A TR 8:00-9:50  ABEL T
TOPIC: MUTLI-MEDIA
8261010  B MW 12:10-2:00  BAER R
TOPIC: PACKAGE DESIGN
SPRING 2009     Last Updated 10-03-2008

ART: GRAPHIC DESIGN

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

IND STUDY 2-D DESGN     ARTGR 490B  1- 6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 3-D DESGN     ARTGR 490C  1- 6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
*******     SEE DEPT FOR REFERENCE NUMBERS

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

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

PUBLCATN DSN:MAGAZN     ARTGR 491      2 CR.
PREREQ: CREDIT OR ENROLLMENT IN 370
COURSE RESTRICTED TO ARTGR MAJORS ONLY
FIELD TRIPS & TRAVEL FEE $0.00-$10.00
1939005     TR 4:10-6:00PM

SIGNS, SYMBOLS, IMAGE     ARTGR 571      3 CR.
PREREQ: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
COURSE RESTRICTED TO GRADUATE STUDENTS
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1908005     TR 10:00-12:50         FONTAINE L

TIME-BASE MLTIMEDIA     ARTGR 573      2 CR.
PREREQ: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
COURSE RESTRICTED TO GRADUATE STUDENTS
2046005     MW 8:00-9:50           BRUSKI P

EXHIBITION DESIGN     ARTGR 574      2 CR.
PREREQ: GRAD ENROLLMENT IN COLLEGE OF DESIGN
FIELD TRIPS & TRAVEL FEE $250.00
2047005     A TR 4:10-6:00PM       FONTAINE L

ADVANCED TYPOGRAPHY     ARTGR 575      2 CR.
PREREQ: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
COURSE RESTRICTED TO GRADUATE STUDENTS
2113005     MW 12:10-2:00          CURRAN P

GRPHC DSIGN METHDOL     ARTGR 576      2 CR.
PREREQ: GRAD ENROLLMENT IN COLLEGE OF DESIGN
2058005     MW 12:10-2:00          MICKELSON A

ART: GRAPHIC DESIGN

DSGN FOR E-COMMERCE     ARTGR 578      2 CR.
PREREQ: GRAD ENROLLMENT IN COLLEGE OF DESIGN
COURSE RESTRICTED TO GRADUATE STUDENTS
2121005     MW 3:10-5:00           KANG S

STUDIES IN GRPH DSN   ARTGR 584  VAR.  CR.
PREREQ: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
COURSE ONLY OFFERED FOR 2 CREDITS SPRING 2009.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8262010     MW 12:10-2:00          BAER R

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

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

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

PUBLICATN DSN:MAGAZN   ARTGR 591      2 CR.
PREREQ: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
COURSE RESTRICTED TO ARTGR GRADUATE STUDENTS.
FIELD TRIPS & TRAVEL FEE $0.00-$10.00
2143005     TR 4:10-6:00PM

GRPHC DESIGN &HUMAN   ARTGR 672      3 CR.
PREREQ: 570, 571; GRAD ENROLLMENT IN COLLEGE OF
DESIGN
COURSE RESTRICTED TO GRADUATE STUDENTS
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8380005     TR 1:10-4:00           SATTERFIELD D

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

GRAPHIC DSGN ISSUES   ARTGR 698   1- 3 CR.
PREREQ: GRAD ENROLLMENT IN COLLEGE OF DESIGN OR
PERMISSION OF INSTRUCTOR
COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2009.
1837005     T 6:00-9:00PM          FONTAINE L
ART: GRAPHIC DESIGN

RESEARCH: THESIS     ARTGR 699A VAR.  CR.
COURSE RESTRICTED TO GRADUATE STUDENTS
8382005     ARRANGED

RESEARCH: THESIS EXH     ARTGR 699B VAR.  CR.
COURSE RESTRICTED TO GRADUATE STUDENTS
8383005     ARRANGED

ART: INTEGRATED STUDIO ARTS

STUDIO FUNDAMENTALS I   ARTIS 205     3 CR.
PREREQ: SOPHOMORE CLASSIFICATION, ACCEPTANCE INTO
THE BFA ISA PROGRAM
COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
MATERIALS FEE $60.00
8010005   A TR 8:00-10:50   LILLIGREN I
SEC A TOPIC: CERAMICS
8010010   B TR 8:00-10:50   PASCHKE T
SEC B TOPIC: FIBER

STUDIO FUNDAMENTALS II   ARTIS 207     3 CR.
PREREQ: SOPHOMORE CLASSIFICATION, ACCEPTANCE INTO
THE BFA ISA PROGRAM
MATERIALS FEE $60.00
8003005   A MW 2:10-5:00   MUENCH J
SEC A TOPIC: METALS
8003010   B MW 2:10-5:00   BOEHMER J
SEC B TOPIC: PHOTO

COLOR   ARTIS 208     3 CR.
PREREQ: DSN S 183 OR ART 108. REQUIRED OF ALL
ISA BFA STUDENTS
COURSE RESTRICTED TO ARTFA, ARTIS, BPM I AND PBPMI
MAJORS ONLY.
MATERIALS FEE $25.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1766005   A MWF 12:10-2:00   PAPPENHEIMER D
1766010   B MWF 12:10-2:00   HARRIS A
1766015   C TR 2:10-5:00   GOULD C

STUDIO FUNDAMENTALS III   ARTIS 209     3 CR.
PREREQ: SOPHOMORE CLASSIFICATION, ACCEPTANCE INTO
THE BFA ISA PROGRAM
COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
MATERIALS FEE $100.00
8002005   A TR 2:10-5:00   STANLEY M
SEC A TOPIC: WOOD
8002010   B TR 2:10-5:00   KATZ A
SEC B TOPIC: PRINTMAKING

STUDIO FUNDAMENTALS IV   ARTIS 211     3 CR.
PREREQ: SOPHOMORE CLASSIFICATION, ACCEPTANCE INTO
THE BFA ISA PROGRAM
MATERIALS FEE $21.00
7998005   A MW 8:00-10:50   WALTON B
SEC A TOPIC: PAINTING
7998010   B MW 8:00-10:50   NEFF A
SEC B TOPIC: COMPUTER ART

ART: INTEGRATED STUDIO ARTS

INTRO DIGITAL PHOTO   ARTIS 227     3 CR.
PHOTOGRAPHY I  ARTIS 229  3 CR.
PREREQ: ART 108 OR DSN S 102, 183, 131
COURSE RESTRICTED TO ARTGR MAJORS ONLY.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $50.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1778005  A MW 11:00-2:00  BOEHMER J
1778010  B TR 2:10-5:00  CALDWELL B

WATERCOLOR PAINTING  ARTIS 233  3 CR.
PREREQ: ART 230
COURSE RESTRICTED TO ART, ARTFA, ARTGR, ARTDN,
ARTIS, BPM I & PBPMI MAJORS ONLY.
MATERIALS FEE $10.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7828005  A MW 11:00-1:50  JONES B

PAINTING I  ARTIS 238  3 CR.
PREREQ: ART 230
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
ARTIS, BPM I & PBPMI MAJORS ONLY.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7827005  A TR 11:00-1:50  JONES B

INTEGRATIVE MEDIA  ARTIS 305  3 CR.
PREREQ: DSN S 102, 131 AND 183 AND 6 CREDITS
OF ADDITIONAL ISA STUDIO AT 200+ LEVEL
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
ARTID, ARTIS MAJORS ONLY.
MATERIALS FEE $15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1771005  MW 2:10-5:00  HARRIS A

MODEL&VIRTUL PHOTO  ARTIS 308  3 CR.
PREREQ: ART 230
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
ARTID, BPM I & PBPMI MAJORS ONLY
MATERIALS FEE $30.00
ARRANGED

SOURCES VISUAL DSGN  ARTIS 310  3 CR.
PREREQ: ART 230. REQ'D OF ALL ISA BFA STUDENTS.
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
ARTID & ARTIS MAJORS ONLY.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $200.00
6432005  TR 8:00-10:50  CHIDISTER M
ART: INTEGRATED STUDIO ARTS

WOOD DESIGN II ARTIS 320 3 CR.
PREREQ: 220 OR 209
COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
MATERIALS AND PROFESSIONAL SUPPORT FEE $105.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1798005 MW 9:00-11:50 CHIDISTER M

CERAMICS II ARTIS 322 3 CR.
PREREQ: 222 OR 205
COURSE RESTRICTED TO ARTF, ARTIS MAJOR ONLY
MATERIALS AND FIELD TRIPS & TRAVEL FEE $70.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1799005 MW 1:10-4:00 LILLIGREN I

JEWELR/METALSMTH II ARTIS 324 3 CR.
PREREQ: 207
COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
MATERIALS AND PROFESSIONAL SUPPORT FEE $70.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7237005 TR 2:10-5:00 MUENCH J

ILLUSTRATN&I SOFTWR ARTIS 326 3 CR.
PREREQ: 323
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1657005 TR 6:10-9:00PM DORN J

PHOTOGRAPHY II ARTIS 329 3 CR.
PREREQ: 229
COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
MATERIALS AND PROFESSIONAL SUPPORT FEE $50.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1801005 MW 8:00-10:50 BOEHMER J

DRAW III:LIFE DRWNG ARTIS 330 3 CR.
PREREQ: ART 230
COURSE RESTRICTED TO ART, ARTFA, ARTIS, BPM I & PBPMI MAJORS ONLY.
PROFESSIONAL SUPPORT FEE $68.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1802005 A TR 11:00-2:00 HOLLAND B
1802010 B TR 2:10-5:00 HOLLAND B

THREE-DIMENS STUDIO ARTIS 335 2 CR.
1806005 1 TR 1:10-3:30 SHAO P
1806010 2 TR 9:00-11:20 SHAO P

APP SCI ILLUST TCNQ ARTIS 337 3 CR.
PREREQ: 323
9104005 TR 3:10-6:00PM

PAINTING II ARTIS 338 3 CR.
PREREQ: 238
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTID, ARTIS, BPM I & PBPMI MAJORS ONLY.
PROFESSIONAL SUPPORT FEE $12.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7832005 A TR 2:10-5:00 JONES B
PRINTED FABRIC DSN       ARTIS 347       3 CR.
PREREQ: 245 OR 246
COURSE RESTRICTED TO THE COLLEGE OF DESIGN.
MATERIALS AND EQUIPMENT USE FEE $100.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1809005       TR 2:10-5:00       PASCHKE T

INTAGLIO & MONOTYPE      ARTIS 357       3 CR.
PREREQ: ART 230
MATERIALS AND PROFESSIONAL SUPPORT FEE $130.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7469005       MWF 9:00-11:50       KATZ A

BFA PRO PRACTICE        ARTIS 399       2 CR.
PREREQ: JR CLASSIF IN ART & DESIGN BFA CURRICULUM
REQUIRED OF ALL ISA BFA STUDENTS
COURSE RESTRICTED TO JRS & SRS
2076005       R 6:10-9:30PM       GOULD C
MARCH 9-MAY 8

PRIN 3D CHAR ANIMAT     ARTIS 407       3 CR.
PREREQ: ARTIS 308
MATERIALS AND EQUIPMENT USE FEE $30.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2092005       MWF 1:10-3:00

PRIN 3D ANIMATION      ARTIS 408       3 CR.
PREREQ: 308
COURSE RESTRICTED TO ARTFA, ARTDN & ARTIS MAJORS
MATERIALS FEE $30.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1834005       MW 10:00-1:00

WOOD DESIGN III       ARTIS 420       3 CR.
PREREQ: 320
COURSE RESTRICTED TO ART, ARTFA ARTIS MAJORS
ONLY.
MATERIALS AND PROFESSIONAL SUPPORT FEE $105.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1838005       MW 9:00-11:50       CHIDISTER M

CERAMICS STUDIO        ARTIS 422       3 CR.
PREREQ: 322
COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $70.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1839005       MW 2:10-5:00       LILLIGREN I

JEWELR/METALSM STDO    ARTIS 424       3 CR.
PREREQ: 324
COURSE RESTRICTED TO ART, ARTFA & ARTIS MAJORS
ONLY.
MATERIALS AND PROFESSIONAL SUPPORT FEE $70.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7250005       TR 2:10-5:00       MUENCH J
ART: INTEGRATED STUDIO ARTS

ADVANCED PHOTOGRAPHY  ARTIS 429  3 CR.
PREREQ: 329
MATERIALS AND PROFESSIONAL SUPPORT FEE $50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1836005  TR 2:10-5:00

PAINTING  ARTIS 438  3 CR.
PREREQ: 338
COURSE RESTRICTED TO ARTDM, ARTFA, ARTID, ARTIS, BPM I, DSGNS & PBPMI MAJORS ONLY.
PROFESSIONAL SUPPORT FEE $12.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7833005  A TR 2:10-5:00  JONES B

TOPICS STUDIO ART  ARTIS 482  1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
COURSE TOPIC: DIGITAL DRAWING
MATERIALS FEE $10.00
1855005  A1 TR 11:00-1:50  FABER C
SEC A1 RESTRICTED TO JRS AND SRS IN THE COLLEGE OF DESIGN.
1855010  A2 TR 11:00-1:50  FABER C
SEC A1 RESTRICTED TO JRS AND SRS IN B PMI, PBPMI AND ARTGR.
1855015  A3 TR 11:00-1:50  FABER C
SEC A1 RESTRICTED TO JRS AND SRS IN B PMI, PBPMI, ARTFA & ARTIS MAJORS ONLY.

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

INDEPENDENT STUDY COMPUTER AND DESIGN  ARTIS 490C  1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
******  SEE DEPT FOR REFERENCE NUMBERS

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

INDEPENDENT STUDY FIBERS  ARTIS 490E  1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
MATERIALS FEE $25.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******  SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ILLUSTRATION  ARTIS 490F  1-6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
******  SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

INDEP STUDY PRINTMAKING    ARTIS 490K  1- 6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
MATERIALS AND PROFESSIONAL SUPPORT FEE $60.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******    SEE DEPT FOR REFERENCE NUMBERS

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

INDEP STUDY MIXED MEDIA    ARTIS 490M  1- 6 CR.
PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
*******    SEE DEPT FOR REFERENCE NUMBERS

BFA EXHIBITION    ARTIS 499  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 399, SENIOR CLASSIFICATION IN THE ART AND DESIGN BFA CURRICULUM
COURSE RESTRICTED TO SENIORS
MATERIALS AND FIELD TRIPS & TRAVEL FEE $25.00
1708005    R 6:10-8:30PM    GOULD C
JAN 12-MARCH 6

INTEGRATIVE MEDIA    ARTIS 505  3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
MATERIALS FEE $15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7553005    MW 2:10-5:00    HARRIS A
ART: INTEGRATED STUDIO ARTS

PRIN 3D CHAR ANIMAT  ARTIS 507  3 CR.
PREREQ: 308
MATERIALS AND EQUIPMENT USE FEE $30.00
2057005  MW 1:10-3:00

CPTR AID ANIMAT&VIS  ARTIS 508  3 CR.
PREREQ: 408 OR GRADUATE STATUS & INSTR PERMISSION
MATERIALS FEE $30.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8265005  MW 10:00-11:00

WOOD DESIGN STUDIO  ARTIS 520  3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
MATERIALS AND PROFESSIONAL SUPPORT FEE $105.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1895005  MW 2:10-5:00  CHIDISTER M

CERAMICS STUDIO  ARTIS 522  3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $70.00
1896005  MW 2:10-5:00  LILLIGREN I

JEWEL&DEC METAL STU  ARTIS 524  3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
MATERIALS AND PROFESSIONAL SUPPORT FEE $70.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7255005  TR 2:10-5:00  MUENCH J

ADVANCED PHOTOGRAPHY  ARTIS 529  3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
MATERIALS AND PROFESSIONAL SUPPORT FEE $50.00
7399005  TR 2:10-5:00  BOEHMER J

PAINTING  ARTIS 538  3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
MATERIALS SUPPORT FEE $12.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7826005  A TR 2:10-5:00  JONES B

INTAGLIO&MONOTYP PR  ARTIS 557  3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
MATERIALS AND PROFESSIONAL SUPPORT FEE $130.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7749005  MW 9:00-11:50  KATZ A

TOPICS STUDIO ART  ARTIS 582  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
COURSE TOPIC: DIGITAL DRAWING
MATERIALS FEE $10.00
1870005  A TR 11:00-1:50  FABER C

SPL TOPICS CERAMICS  ARTIS 590B VAR. CR.
PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA.
WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $70.00
ART: INTEGRATED STUDIO ARTS

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

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

SPECIAL TOPICS FIBER ARTIS 590E VAR. CR.
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. 
MATERIALS FEE $25.00 
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS 
APPROVED ADD SLIP IN 10 ALUMNI HALL 
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPECCL TOPICS METALS ARTIS 590G VAR. CR.
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. 
MATERIALS FEE $70.00 
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS 
APPROVED ADD SLIP IN 10 ALUMNI HALL 
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CR.
PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN, 
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD 
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR 
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT. 
MATERIALS AND PROFESSIONAL SUPPORT FEE $50.00 
******* SEE DEPT FOR REFERENCE NUMBERS
ART:INTEGRATED STUDIO ARTS

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

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

SPL TOP MIXED MEDIA    ARTIS 590M  VAR. CR.
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

HUMN FACTRS INT DSN    ARTID 251  2 CR.
2061005       MW 8:00-8:50       MALVEN F

SOPHOMOR FIELD STDY    ARTID 259  R CR.
SATISFACTORY-Fail ONLY.
PREREQ: ENROLLMENT IN INTERIOR DESIGN STUDIO COURSE
COURSE RESTRICTED TO ARTID MAJORS
FIELD TRIPS & TRAVEL FEE $320.00
2162005       ARRANGED

GRPH COM INT DS III    ARTID 263  2 CR.
PREREQ: 261, ENROLLMENT IN 267
COURSE RESTRICTED TO ARTID MAJORS
2177005       A MW 12:10-2:00    SONG J
2177010       B MW 10:00-11:50   SONG J

INT DSGN STUDIO II    ARTID 267  4 CR.
COURSE RESTRICTED TO ARTID MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
1714005       A TR 11:00-2:00    BRUNNER L
               T 10:00-10:50
1714010       B TR 11:00-2:00    SONG J
               T 10:00-10:50

MATRLS SY&DETAIL II    ARTID 351  3 CR.
PREREQ: 265, 350 and enrollment in 267
COURSE RESTRICTED TO ARTID MAJORS
FIELD TRIPS & TRAVEL FEE $15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
ART: INTERIOR DESIGN

INTERIOR SYSTMS III  ARTID 352  3 CR.
PREREQ: 267, 351, ENROLLMENT IN 365
COURSE RESTRICTED TO ARTID JUNIORS ONLY.
MATERIALS FEE $15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1656005  A TR 3:10-4:00
  T 4:10-6:00PM
1656010  B TR 3:10-4:00
  R 4:10-6:00PM

I D INTERNSHP SEMNR  ARTID 360  .5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ENROLLMENT IN THIRD-YEAR STUDIO COURSE
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1818005  M 12:10-1:00

INT DESIGN STDIO IV  ARTID 367  4 CR.
PREREQ: 365, CREDIT OR ENROLLMENT IN 352 & 369
COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $25.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1817005  A TR 8:00-10:50
  R 11:00-11:50
1817010  B TR 8:00-10:50
  R 11:00-11:50

ENVIR FOR THE AGING  ARTID 463  3 CR.
PREREQ: HD FS 360 OR 3 CREDITS IN HOUSING, ARCH,
INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
FIELD TRIPS & TRAVEL FEE $0.00-$10.00
MEETS U.S. DIVERSITY REQMT.
1823005  TR 5:30-7:20PM

INT DESIGN STDIO VI  ARTID 467  4 CR.
PREREQ: 465, CREDIT IN 469 & ALL REQUIRED
INTERIOR SYSTEMS AND HIST/THEORY/CRITICISM COURSES
OR PERMISSION OF INSTRUCTOR
COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1852005  A W 1:10-2:00
  MW 2:10-5:00
1852010  B W 1:10-2:00
  MW 2:10-5:00

INT DSN URBAN SETNG  ARTID 468  3 CR.
PREREQ: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES
FIELD TRIPS & TRAVEL FEE $675.00
2062005  TR 12:20-2:00

ADV STUDI INT DSN  ARTID 469  3 CR.
PREREQ: 12 CR IN INTERIOR DESIGN RELATED COURSES
AND PERMISSION OF INSTRUCTOR
COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2009.
COURSE RESTRICTED TO ARTID MAJORS
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1850005  1 TR 5:30-7:20PM
NO INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
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<td>10:00-11:50</td>
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ART: INTERIOR DESIGN

ADV STUDY INT DESIGN  ARTID 469  3 CR.
APPROVED ADD SLIP IN 10 ALUMNI HALL

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

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

DSGN MTHDS: SYNTHESIS  ARTID 552B  2 CR.
PREREQ: PERMISSION OF INSTRUCTOR
1808005 TR 2:10-3:00

ADV STUDY INT DESIGN  ARTID 569  3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
7179005 1 TR 5:30-7:20PM BRUNNER L
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7179010 2 MW 10:00-11:50
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

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

RESEARCH FORUM  ARTID 598X  1 CR.
8254005 M 1:10-2:00 MALVEN F

EXPERIMENTAL INTER DESIGN  ARTID 667  3 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8248005 TR 2:10-5:00 MALVEN F

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

RESEARCH: THESIS  ARTID 699A VAR. CR.
8389005 ARRANGED

RESEARCH: THESIS-EXH  ARTID 699B VAR. CR.
8390005 ARRANGED

ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONOMY  ASTRO 102  1 CR.
STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
8059005 ARRANGED
DELIVERY IS WWW
8059600 XW ARRANGED WILLSON L
SECT XW: JAN 12-MAY 8
DELIVERY FEE $50.00.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

ASTRONOMY & ASTROPHYSICS

EVENING STAR ASTRO 103 1 CR.
STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
8260005 ARRANGED
DELIVERY IS WWW
8260600 XW ARRANGED WILLSON L
SECT XW: JAN 12-MAY 8
DELIVERY FEE $50.00.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

SKY & SOLAR SYSTEM ASTRO 120 3 CR.
NIGHT EXAMINATIONS SCHEDULED.
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.
1951005 1 F 8:00-8:50
1951010 2 F 9:00-9:50
1951015 3 F 10:00-10:50
1951020 4 F 11:00-11:50
1951025 5 F 12:10-1:00
1951030 6 F 1:10-2:00
1951035 7 F 2:10-3:00
1951040 8 F 3:10-4:00
1951045 9 R 4:10-5:00
1951050 10 M 8:00-8:50
1951055 11 M 9:00-9:50
1951060 12 M 10:00-10:50
1951065 13 M 11:00-11:50
1951070 14 M 12:10-1:00
1951075 15 M 1:10-2:00
1951080 16 M 2:10-3:00
1951085 17 M 3:10-4:00
1951115 W TR 11:00-11:50
1951120 Z TR 12:10-1:00

SKY & SOLAR SYST LAB ASTRO 125L 1 CR.
PREREQ: CONCURRENT OR PREVIOUS ENROLLMENT IN 120
2522005 A M 8:00-9:50PM
2522010 B T 8:00-9:50PM
2522015 C W 8:00-9:50PM
2522020 D R 8:00-9:50PM

STARS,GALAXIES&COSM ASTRO 150 3 CR.
1952005 1 TR 1:10-2:00
1952010 2 TR 1:10-2:00
1952015 3 TR 1:10-2:00
1952020 4 TR 1:10-2:00
1952025 5 TR 1:10-2:00
1952030 6 TR 1:10-2:00
1952035 7 TR 1:10-2:00
1952040 8 TR 1:10-2:00
1952045 9 TR 1:10-2:00
R 8:00-8:50
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<td>ASTRO 290</td>
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<td>INTRO TO ASTROPHYSICS</td>
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<td>ASTRO 346</td>
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<td>AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
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<td>8740005</td>
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<td>1:10-2:00</td>
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<td>ASTRO 450</td>
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<td>NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE APPLIED TOWARDS GRADUATION</td>
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<td>STELLAR ASTROPHYSICS</td>
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<td>ASTRO 580</td>
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<td>ASTRO 699</td>
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**Notes:**
- No more than 9 credits of ASTRO 490 may be applied toward graduation.
- Course restricted to University Honors Students only.
- No more than 9 credits of ASTRO 490H may be applied toward graduation.
- Course restricted to University Honors Students only.
- No more than 9 credits of ASTRO 490H may be applied toward graduation.
- Course restricted to University Honors Students only.
ATHLETICS

INTERCOL BASKETBALL  ATH 101B  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF HEAD COACH
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 EX SP 166.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1974005  ARRANGED

INTERCOL BASKETBALL  ATH 101C  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF HEAD COACH
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 EX SP 166.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1975005  ARRANGED

INTERCOLLEGIATE GOLF   ATH 101G   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF HEAD COACH
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 EX SP 166.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1973005  ARRANGED

INTERCOL GYMNASTICS   ATH 101J   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF HEAD COACH
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 EX SP 166.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1981005  ARRANGED

INTERCOLL SOFTBALL    ATH 101K   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF HEAD COACH
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 EX SP 166.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1982005  ARRANGED

INTERCOLL SWIMMING    ATH 101M   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF HEAD COACH
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 EX SP 166.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1984005  ARRANGED
ATHLETICS

INTERCOLLEGE TENNIS ATH 101O 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF HEAD COACH
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 EX SP 166.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1986005 ARRANGED

INTERCOLLEGE TRACK ATH 101P 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF HEAD COACH
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 EX SP 166.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1987005 ARRANGED

INTERCOLLEGE TRACK ATH 101Q 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF HEAD COACH
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 EX SP 166.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1988005 ARRANGED

INTERCOLLEGE WRESTLING ATH 101S 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF HEAD COACH
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 EX SP 166.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1990005 ARRANGED

INTERCOLLEGATEGOLF ATH 101T 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF HEAD COACH
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 EX SP 166.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1991005 ARRANGED

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

INTRO BIOCHEM LAB BBMB 102 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN CHEM 177 AND 177L
ENROLLMENT IN THIS COURSE WILL CAUSE A TIME
CONFLICT MESSAGE. IGNORE CONFLICTS BUILT INTO THE
SECTION MEETING TIME. LECTURE AND LAB DO NOT MEET
DURING THE SAME WEEK.
MATERIALS FEE $25.00
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Times</th>
<th>Location</th>
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<tr>
<td>1997005</td>
<td>A F 2:10-3:00 F 1:10-3:00</td>
<td>BIOCHEM, BIOPHYSICS &amp; MOLECULAR BIO</td>
<td>INTRO BIOCHEM LAB</td>
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<td>1997010</td>
<td>B F 2:10-3:00 F 2:10-4:00</td>
<td>CHEM PRIN IN BIO SY</td>
<td>BBMB 201 2 CR.</td>
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<td>2053005</td>
<td>2053005</td>
<td>SURVEY OF BIOCHEM</td>
<td>BBMB 301 3 CR.</td>
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<tr>
<td>2000005</td>
<td>A T 8:00-8:50 T 9:00-11:50</td>
<td>BIOCHEMISTRY I</td>
<td>BBMB 404 3 CR.</td>
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<td>2002600</td>
<td>XC ARRANGED</td>
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<td>BBMB 311 2 CR.</td>
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<td>2003005</td>
<td>MWF 11:00-11:50</td>
<td>BIOCHEMISTRY II</td>
<td>BBMB 405 3 CR.</td>
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**CHEM PRIN IN BIO SY BBMB 201 2 CR.**

- Prerequisite: Credit or enrollment in Chem 331
- 2053005 - ARRANGED

**SURVEY OF BIOCHEM BBMB 301 3 CR.**

- Prerequisite: Chem 231 or 331
- Biochemistry and Biophysics majors may not apply credit for BBMB 301 toward degree requirements for the major, but it is acceptable as an elective
- 1999005 - MWF 12:10-1:00

**BIOCHEMISTRY LAB BBMB 311 2 CR.**

- Prerequisite: Credit or enrollment in 301 or Biol 314
- Credit for either BBMB 311 or Biol 302L/314L, but not both, may be applied toward graduation.
- Biochem & Biophysics majors may not apply credit for BBMB 311 toward degree requirements for the major, but it is acceptable as an elective.
- Materials fee $30.00
- 2000005 - A T 8:00-8:50 T 9:00-11:50
- 2000010 - B T 8:00-8:50 R 9:00-11:50

**BIOCHEMISTRY I BBMB 404 3 CR.**

- Prerequisite: Chem 332
- 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 - XC ARRANGED
  - Sect XC: Jan 12-May 8
  - Delivery fee $99.00.
  - For permission to register, contact Alan Myers at 515-294-9548 or AMMYERS@IASTATE.EDU.
  - Instructor permission required; process approved add slip in 10 Alumni Hall.
  - Section XC is off campus.
  - Delivery is CDROM
- 2002605 - XW ARRANGED
  - Sect XW: Jan 12-May 8
  - Delivery fee $99.00.
  - For permission to register, contact Alan Myers at 515-294-9548 or AMMYERS@IASTATE.EDU.
  - Instructor permission required; process approved add slip in 10 Alumni Hall.
  - Section XW is off campus.
  - Delivery is WWW

**BIOCHEMISTRY II BBMB 405 3 CR.**

- Prerequisite: 404
- 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
- 2003600 - XC ARRANGED
  - Sect XC: Jan 12-May 8
  - Delivery fee $99.00.
  - Section XC is off campus.
DELIVERY IS CDROM
BIOCHEM, BIOPHYSICS & MOLECULAR BIO

PROCARYO DIVERS&ECO BBMB 430 3 CR.
PREREQ: MICRO 302, 302L
2085005 MWF 1:10-2:00

TOPICS IN BIOPHYSICS BBMB 461 2 CR.
PREREQ: 451 OR CHEM 321 OR PHYS 304
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2007005 TR 11:00-11:50

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

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

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

COMPRHNS BIOCHEM II BBMB 502 4 CR.
PREREQ: 501
2011005 MTRF 1:10-2:00

PROCARYOT DIVRS&ECO BBMB 530 3 CR.
PREREQ: MICRO 302, 302L
6979005 MWF 1:10-2:00

INTRO DNA TECHNIQS BBMB 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7099005 TR 1:10-2:00
TR 2:10-4:00
JAN 13-FEB 5

INTR PROTEIN TECHNQ BBMB 542B 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7100005 TR 1:10-2:00
TR 2:10-4:00
FEB 10-MARCH 19

INTRO CELL TECHNIQS BBMB 542C 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7101005 TR 1:10-2:00
TR 2:10-4:00
MARCH 24-APRIL 23

BIOCHEM, BIOPHYSICS & MOLECULAR BIO
INTR PLNT TRNSFM TQ  BBMB 542D  1 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: GRADUATE CLASSIFICATION  
7104005  ARRANGED  

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

MOLECULAR SIGNALING  BBMB 645  2 CR.  
PREREQ: 420, 405, OR 502  
2028005  TR 11:00-11:50  

CURRNT TOP NEUROBIO  BBMB 661  2- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
4707005  ARRANGED  

ADVANCED SEMINAR  BBMB 681  1 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
2034005  T 4:10-6:00PM  

DEPARTMENT SEMINAR  BBMB 682  R CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
2035005  R 4:10-6:00PM  

RES SEMNR PLT PHYSL  BBMB 696P  1 CR.  
SATISFACTORY-FAIL ONLY.  
7752005  W 4:10-5:00  

SEMN MOLEC,C,DV BIO  BBMB 698  1- 2 CR.  
COURSE OFFERED FOR 1 CREDIT SPRING 2009.  
2037005  M 3:10-5:00  

RESEARCH  BBMB 699  VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******  SEE DEPT FOR REFERENCE NUMBERS  

BIOENGINEERING  

INTRO BIOENGINEER I  BIOE 201X  3 CR.  
PREREQ: CHEM 167  
5262005  TR 9:30-10:45  

BIOINFORMATICS & COMPUTATIONAL BIOL-UG  

INTR BIOIN&COMP BIO  BCBIO 211X  3 CR.  
5589005  TR 2:10-3:30  

BIOINFORMATICS AND COMPUTATIONAL BIOL  

INDEPENDENT STUDY  BCB 490  1- 5 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
******  SEE DEPT FOR REFERENCE NUMBERS  

COMP GENOMICS& EVOL  BCB 538  3 CR.  
PREREQ: BIOL 313  
1293005  TR 3:40-5:00  

STAT MTDS COMP BIOL  BCB 539  2 CR.  
PREREQ: 568  
6169005  TR 4:10-5:30
BIOINFORMATICS AND COMPUTATIONAL BIOL

INTRO DNA TECHNIQS  BCB  542A  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
1828005  TR 1:10-2:00
TR 2:10-4:00
JAN 13-FEB 5

INTR PROTEIN TECHNiQS  BCB  542B  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
1865005  TR 1:10-2:00
TR 2:10-4:00
FEB 10-MARCH 19

INTRO CELL TECHNIQS BCB  542C  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
1864005  ARRANGED

INTR PLNT TRNSFM TQ BCB  542D  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
1864005  ARRANGED

ADV ALGTHM COMP BIO BCB  549  3 CR.
PREREQ: COM S 311; 228 OR 208
1286005  ARRANGED

PRO PRACTC RESEARCH BCB  565A  .5 CR.
PREREQ: GRADUATE CLASSIFICATION
1873005  1 T 12:10-1:00
1873010  2 ARRANGED

PRO PRAC INTEL PROP BCB  565B  .5 CR.
PREREQ: GRADUATE CLASSIFICATION
1874005  ARRANGED

BIOINFORMATICS II BCB  568  3 CR.
PREREQ: BCB 567, BBMB 301, BIOL 315, STAT 401,
STAT 432, CREDIT OR ENROLLMENT IN GEN 411
2081005  TR 9:30-10:50

BIOINFORMATICS IV BCB  570  3 CR.
PREREQ: BCB 567, BIOL 315, COM S 363, GEN 411,
STAT 401, STAT 432
2125005  TR 12:40-2:00

SPECIAL TOPICS BCB  590  VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
1337005  ARRANGED
1337018  U ARRANGED

WKSHP BIOINFORMATCS BCB  593  1 CR.
7397005  W 3:10-4:00

CREATIVE COMPONENT BCB  599  VAR. CR.
1342005  ARRANGED

BIOINFORMATICS AND COMPUTATIONAL BIOL

STUDT SEMINR BIOINF BCB  690  1 CR.
GRAD RESEARCH ROTAT  BCB  697  VAR.  CR.  
7827005  ARRANGED

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

**BIOLOGICAL/PRE-MEDICAL ILLUSTRATION**

ILLUSTRATN&I SOFTWR  BPM I 326  3 CR.  
PREREQ: 323  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS 
APPROVED ADD SLIP IN 10 ALUMNI HALL  
1857005  TR 6:10-9:00PM  DORN J

APP SCI ILLUST TCNQ  BPM I 337  3 CR.  
PREREQ: 327  
9105005  TR 3:10-6:00PM

FIELD ILLUSTRATION  BPM I 395  1- 3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
COURSE OFFERED FOR 2 CREDITS SPRING 2009.  
FIELD TRIPS & TRAVEL FEE $325.00  
7996005  T 6:00-6:50PM  ARRANGED

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

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

**BIOLOGY**

INTRODUCTORY BIOL  BIOL 101  3 CR.  
CREDIT FOR EITHER BIOL 101 OR BIOL 211/201, BUT 
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
2064005  1 MWF 9:00-9:50  
2064010  2 TR 2:10-3:30  
2064015  3 ARRANGED  
DELIVERY IS WWW  
SECTION INFO: http://project.bio.iastate.edu/  
2064020  4 ARRANGED  
SECT 4: MARCH 9-MAY 8  
DELIVERY IS WWW  
2064600  XW ARRANGED  PLEASANTS J  
SECT XW: JAN 12-MAY 8  
DELIVERY FEE $150.00.  
SECTION XW IS OFF CAMPUS.  
DELIVERY IS WWW

OPPORTUNITI IN BIOL  BIOL 111  .5 CR.  
SATISFACTORY-FAIL ONLY.  
7407005  T 4:10-5:00
HUMAN BIOLOGY        BIOL 155      3 CR.
FREREQ: HS BIOLOGY & CHEMISTRY OR BIOL 101
7079005     TR 2:10-3:30

ENVIRONMENTAL BIOLOGY  BIOL 173      3 CR.
7079005  1 ARRANGED
DELIVERY IS WWW
SECTION INFO: http://project.bio.iastate.edu
2015010   2 TR 12:40-2:00
2015600  XW ARRANGED
SECTION XW: JAN 12-MAY 8
DELIVERY FEE $150.00.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

BIODIVERSITY        BIOL 204      2 CR.
FREREQ: ONE COURSE IN LIFE SCIENCES
3892005     TR 9:00-10:50
MARCH 9-MAY 8

PRINCIPLES OF BIOLOGY I  BIOL 211      3 CR.
FREREQ: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
CREDIT OR ENROLLMENT IN CHEM 163 OR 177
CREDIT FOR EITHER BIOL 101 OR BIOL 211, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION
9468005   1 MWF 10:00-10:50
SEC 1 RESTRICTED TO BIOL, BIOLA, GEN, GEN S
MAJORS ONLY.
9468010   2 TR 9:30-10:50

PRINCIPLES OF BIOLOGY LAB I  BIOL 211L     1 CR.
FREREQ: CREDIT OR ENROLLMENT IN 211
MATERIALS FEE $40.00
9470005   1 T 9:00-11:50
9470010   2 T 12:10-3:00
9470015   3 T 3:10-6:00PM
9470020   4 T 6:10-9:00PM
9470025   5 W 9:00-11:50
9470030   6 W 12:10-3:00
9470035   7 W 3:10-6:00PM
9470040   8 W 6:10-9:00PM
9470045   9 R 9:00-11:50
9470050  10 R 12:10-3:00
9470055  11 R 3:10-6:00PM
9470060  12 R 6:10-9:00PM
9470065  13 M 3:10-6:00PM

PRINCIPLES OF BIOLOGY II  BIOL 212      3 CR.
FREREQ: 211
9469005   1 MWF 8:00-8:50
SEC 1 RESTRICTED TO BIOL, BIOLA, GEN, GEN S
MAJORS ONLY.
9469010   2 MWF 3:10-4:00
9469015   3 TR 12:40-2:00
9469020   4 ARRANGED
DELIVERY IS WWW
SECTION INFO: http://project.bio.iastate.edu/
9469600  XW ARRANGED
SECTION XW: JAN 12-MAY 8
DELIVERY IS WWW
SECTION XW IS OFF CAMPUS.
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<td>FUND HUMAN PHYSIOL</td>
<td>BIOL 256</td>
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BIOLOGY

FND HUMN PHYSIO LAB   BIOL  256L    1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 256
MATERIALS FEE $45.00
6419005  1 T  9:00-11:50
6419010  2 T 12:10-3:00
6419015  3 T  3:10-6:00PM
6419020  4 T  6:10-9:00PM
6419025  5 T  9:00-11:50
6419030  6 T 12:10-3:00
6419035  7 T  3:10-6:00PM
6419040  8 T  6:10-9:00PM
6419045  9 W  9:00-11:50
6419050 10 W 12:10-3:00
6419055 11 W  3:10-6:00PM
6419060 12 W  6:10-9:00PM
6419065 13 W  9:00-11:50
6419070 14 W 12:10-3:00
6419075 15 W  3:10-6:00PM
6419080 16 W  6:10-9:00PM
6419085 17 R  9:00-11:50
6419090 18 R 12:10-3:00
6419095 19 R  9:00-11:50
6419100 20 R 12:10-3:00
6419105 21 R  3:10-6:00PM
6419110 22 R  3:10-6:00PM

METAB PHYSIOL MAMML   BIOL  306X    3 CR.
CREDIT FOR EITHER BIOL 306X OR BIOL 335, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
1461005     MWF  9:00-9:50

PRINCIP OF GENETICS   BIOL  313      3 CR.
PREREQ: 211, 212
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313/301 AND 313L/301L, GEN/AGRON 320
9472005   1 MWF 12:10-1:00

GENETICS LABORATORY   BIOL  313L     1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 313
CREDIT FOR EITHER BBMB 311 OR BIOL 302L/314L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $90.00
9473005   1 MW  1:10-2:30
9473010  2 MW  2:40-4:00
9473015  3 MW  5:10-6:30PM
9473020  4 MW  6:40-8:00PM
9473025  5 TR  9:00-10:20
9473030  6 TR 10:30-11:50
9473035  7 TR  1:10-2:30
9473040  8 TR  2:40-4:00
9473045  9 TR  5:10-6:30PM
9473050 10 TR  6:40-8:00PM

PRIN MOLEC CELL BIO   BIOL  314      3 CR.
PREREQ: 313
9474005   1 MWF  2:10-3:00

MOLEC CELL BIOL LAB   BIOL  314L   1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 314
CREDIT FOR EITHER BBMB 311 OR BIOL 302L/314L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $90.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
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APPROVED ADD SLIP IN 10 ALUMNI HALL
BIOLOGY

INTERNATIONAL FIELD TRIP  BIOL 394B  1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: TWO COURSES IN THE BIOLOGICAL SCIENCES
AND BY APPROVAL OF APPLICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3223005  ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

DEVELOPMENTAL BIOL  BIOL 423  3 CR.
PREREQ: 313
7103005  MWF 12:10-1:00

DEVELOPMENTAL BIOL LAB  BIOL 423L  1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 423
MATERIALS FEE $75.00
5680005   1 TR 12:10-1:30
5680010   2 TR 1:40-3:00

TOPICS CELL BIOLOGY  BIOL 428  3 CR.
PREREQ: 314
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7102005  MWF 10:00-10:50

GEN COMPAR ENDOCRIN  BIOL 434  3- 4 CR.
PREREQ: 314
MATERIALS FEE $45.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7106005   A MWF 9:00-9:50
SEC A OFFERED FOR 3 CREDITS SPRING 2009.

PLANT ANATOMY  BIOL 454  4 CR.
PREREQ: BIOL 212L; 366 RECOMMENDED
MATERIALS FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2094005   TR 6:10-8:30PM

BRYOPHYTE & LICHEN  BIOL 455X  3 CR.
PREREQ: 212, 212L
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8350005   TR 6:10-8:30PM

ORNITHOLOGY  BIOL 458  3 CR.
PREREQ: A ECL 365 OR BIOL 351
2140005   1 MW 10:00-10:50 DINSMORE S
          T 7:00-9:50 DINSMORE S
2140010   2 MW 10:00-10:50 DINSMORE S
          W 7:00-9:50 DINSMORE S

MAMMALOGY  BIOL 459  3 CR.
PREREQ: A ECL 365 OR BIOL 351
2155005   1 MW 2:10-3:00
          T 10:00-11:50
2155010   2 MW 2:10-3:00
          W 9:00-10:50

EVOLUTIONARY GENETICS  BIOL 462  3 CR.
PREREQ: BIOL 315
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7110005   TR 9:30-10:50
COMMUNITY ECOLOGY     BIOL 472      3 CR.
PREREQ: 312
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2100005     TR 11:00-12:20

PLANT ECOLOGY       BIOL 474      3 CR.
PREREQ: BIOL 312
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2099005     TR 9:30-10:50

FUNCTIONAL ECOLOGY   BIOL 476      3 CR.
PREREQ: 312
2156005     ARRANGED

ENVIRONM BIOGEOCHEM  BIOL 483      4 CR.
PREREQ: 381 AND ENSCI 402 OR 402I
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5591005     MWF 1:10-2:00
W 2:10-4:00
RAICH J

ID AQUATIC ORGANTSMS BIOL 488      1 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4644005     1 ARRANGED

IND STU BIOL RESRCH   BIOL 490R  1- 6 CR.
PREREQ: 8 CR IN BIOL & PERMISSION OF INSTRUCTOR
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 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF SUPERVISING STAFF
******     SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP    BIOL 494  1- 3 CR.
PREREQ: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSION REQUIRED;
APPROVED ADD SLIP IN 10 ALUMNI HALL
******     SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR     BIOL 495  1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCE;
PERMISSION OF INSTRUCTOR
******     SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC      BIOL 498      R CR.
PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
4546005     ARRANGED

BIOMEDICAL SCIENCES

AN&PHYSL DOMES ANIM  B M S 329   3 CR.
PREREQ: BIOL 212, 212L
6968005     MWF 11:00-11:50

PRIN MORPHOLOGY II   B M S 331    4 CR.
PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
6009005     TR 1:10-2:00
TR 2:10-4:00
F 2:10-4:00
BIOMEDICAL SCIENCES

BIOMEDICAL SCIEN II B M S 334 6 CR.
PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
1936005 1 MTR 8:00-8:50
WF 10:00-10:50
T 9:00-11:50
1936010 2 MTR 8:00-8:50
WF 10:00-10:50
R 9:00-11:50

NEUROANATOMY B M S 337 3 CR.
PREREQ: FIRST-YEAR CLASSIFICATION IN V MED
COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
6833005 1 MW 9:00-9:50
M 10:00-11:50
6833010 2 MW 9:00-9:50
M 2:10-4:00

CASE STUDY II B M S 346 1 CR.
PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
6458005 F 1:10-2:00

GENERAL PHARMACOLGY B M S 354 3 CR.
PREREQ: 333, 334
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3518005 M 1:10-2:00

INDEPENDENT STUDY B M S 490 1-5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS B M S 490H 1-5 CR.
PREREQ: INSTR PERMISSION, HONORS PROG MEMBERSHIP
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

RES MTHT BIOMED SCI B M S 501 3 CR.
PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF A
B M S FACULTY MEMBER
6978005 ARRANGED

PRIN MORPHOLOGY II B M S 531 4 CR.
PREREQ: 530
COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
6678005 TR 1:10-2:00
TR 2:10-4:00
F 2:10-4:00

NEUROANATOMY B M S 537 3 CR.
PREREQ: 10 CR IN BIOL SCIENCE & INSTR PERMISSION
COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
6847005 1 MW 9:00-9:50
M 10:00-11:50
6847010 2 MW 9:00-9:50
M 2:10-4:00

INTRO DNA TECHNIQS B M S 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7133005 TR 1:10-2:00
TR 2:10-4:00
JAN 13-FEB 5

BIOMEDICAL SCIENCES
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<td>6983005</td>
<td>MWF 2:10-3:00</td>
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<tr>
<td>General Pharmacology</td>
<td>B M S 554</td>
<td>3 CR.</td>
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<tr>
<td>Prerequisite: 549, 552, BBMB 404, 405</td>
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<td>3531005</td>
<td>MWF 1:10-2:00</td>
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<td>Special Topics Anatomy</td>
<td>B M S 590A</td>
<td>1-7 CR.</td>
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<td>Prerequisite: Permission of Instructor</td>
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<td>See Dept for Reference Numbers</td>
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<td>Special Topics Physiology</td>
<td>B M S 590B</td>
<td>1-7 CR.</td>
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<td>Prerequisite: Permission of Instructor</td>
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<td>See Dept for Reference Numbers</td>
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<td>Special Topic Pharmacology</td>
<td>B M S 590C</td>
<td>1-7 CR.</td>
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<td>Prerequisite: Permission of Instructor</td>
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<td>See Dept for Reference Numbers</td>
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<td>Special Topics Cell Biology</td>
<td>B M S 590D</td>
<td>1-7 CR.</td>
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<td>Prerequisite: Permission of Instructor</td>
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<td>Creative Component</td>
<td>B M S 599</td>
<td>1-3 CR.</td>
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<td>Prerequisite: Enrollment in B M S Graduate Program, Permission of Instructor</td>
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<td>See Dept for Reference Numbers</td>
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<td>Research Review</td>
<td>B M S 688</td>
<td>1 CR.</td>
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<td>Advanced Topics Anatomy</td>
<td>B M S 690A</td>
<td>1-5 CR.</td>
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<td>Prerequisite: Permission of Instructor</td>
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<td>See Dept for Reference Numbers</td>
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<td>Advanced Topics Physiology</td>
<td>B M S 690B</td>
<td>1-5 CR.</td>
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<td>Prerequisite: Permission of Instructor</td>
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<td>See Dept for Reference Numbers</td>
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BIOMEDICAL SCIENCES

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

ADV TOPCS CELL BIOL   B M S 690D  1- 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SEMINAR               B M S 698A     R CR.
5776005     R 12:10-1:00

SEMINAR               B M S 698B     1 CR.
SATISFACTORY-FAIL ONLY.
6995005     R 12:10-1:00

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

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

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

RESEARCH CELL BIOL   B M S 699D VAR.  CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

BIORENEWABLE RESOURCES & TECHNOLOGY

FUND BIONEW RESO     BRT   501      3 CR.
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
6534600     XE ARRANGED
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

BIOBASE PROD SEMINR  BRT  506A     1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: UG TRAINING IN AN ENGR OR PHYSICAL OR
BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
6476005     ARRANGED
6476600     XE ARRANGED
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

BIOBASE PROD SEMINR  BRT  506B      R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: UG TRAINING IN AN ENGR OR PHYSICAL OR
BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
6505005     ARRANGED
6505600     XE ARRANGED

SECTION XE: JAN 12–MAY 8
FOR PERMISSION TO REGISTER CONTACT BRENDA NELSON
AT 515-294-7470 OR BNELSON@IASTATE.EDU.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

BIORENEWABLE RESOURCES & TECHNOLOGY

PRODUCE USE BIOFUELS  BRT 545X 3 CR.
PREREQ: 501 OR ONE COURSE IN ORGANIC CHEMISTRY
8077005 ARRANGED

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

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

BIORENEWB INTERNSHIP  BRT 597X 1–3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MAJOR IN BRT
8038005 ARRANGED

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

BUSINESS ADMINISTRATION

ORIENTATION  BUSAD 101 .5 CR.
SATISFACTORY-FAIL ONLY.
CREDIT FOR EITHER BUSAD 101/101H OR BUSAD 102,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
6144005 1 W 2:10-3:00
SECT 1: JAN 12–MARCH 6
6144010 2 F 9:00-9:50
SECT 2: JAN 12–MARCH 6
6144015 3 R 8:00-8:50
SECT 3: JAN 12–MARCH 6
6144020 4 R 3:40-4:30
SECT 4: JAN 12–MARCH 6
6144025 5 W 9:00-9:50
SECT 5: JAN 12–MARCH 6

EXP DOMESTIC INTERN  BUSAD 291A 1–3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: WRITTEN APPROVAL OF SUPERVISING
INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
PRIOR TO THE LEARNING EXPERIENCE
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6723005 MB ARRANGED
6723010 RP ARRANGED
6723015 TC ARRANGED

ENTREPRENUSHIP SEMINR  BUSAD 292 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ENTREPRENEURSHIP & INNOVATION LEARNING
COMMUNITY MEMBER
8304005 T 9:30-10:50

PRO EMPLOYMENT PREP  BUSAD 301 1 CR.
SATISFACTORY-FAIL ONLY.
COURSE RESTRICTED TO COLLEGE OF BUSINESS
STUDENTS ONLY. NOT OPEN TO GRADUATE STUDENTS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5618005    A W 2:10-3:00
BUSINESS ADMINISTRATION

COOPERATIVE EDUC       BUSAD 398      R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT
COURSE NOT OPEN TO GRADUATE STUDENTS
PERMISSION OF KATHY WIELAND REQUIRED TO ADD.
6147005 A ARRANGED
COLLEGE PERMISSION REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

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

EXP DOMESTIC INTERNS   BUSAD 491A 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PROFESSIONAL PROGRAM, 12 CREDITS FROM
COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING
INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
PRIOR TO THE LEARNING EXPERIENCE.
FOR SOPH AND ABOVE IN THE COLLEGE OF BUSINESS.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6722005 MB ARRANGED
6722010 RP ARRANGED
6722015 TC ARRANGED

ECON & BUSINESS DECISION TOOL  BUSAD 533 3 CR.
PREREQ: ECON 501 OR 532
7820005 1 M 6:00-9:00PM HERRIGES J
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

PRO EXPERIENTIAL LEARNING  BUSAD 591 1-3 CR.
PREREQ: GRADUATE STANDING; WRITTEN APPROVAL OF
SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON
REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
7533010 MP ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

COOPERATIVE EDUCATION   BUSAD 598  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7906005 ARRANGED

CREATIVE COMPONENT ACCOUNTING  BUSAD 599A 3 CR.
PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF SUPERVISING COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT FINANCE  BUSAD 599C 3 CR.
PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF SUPERVISING COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT MANAGEMENT  BUSAD 599E 3 CR.
PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF SUPERVISING COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS
BUSINESS ADMINISTRATION

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

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

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

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

RESEARCH              BUSAD 699   3- 6 CR.
PREREQ: GRAD CLASSIF, PERMISSION OF MAJOR PROF
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
*******     SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING

LEARNING COMMUNITY    CH E  104      R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ENROLLMENT IN CH E LEARNING TEAM
3630005   A T 2:10-3:00

MATRL &ENERGY BALNC  CH E  210     3 CR.
PREREQ: CHEM 176, MATH 166
2429005   A MWF 3:10-4:00

COOPERATIVE EDUC     CH E  298     R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
*******     SEE DEPT FOR REFERENCE NUMBERS

COMPUT MTHDS CHEM E   CH E  310     3 CR.
PREREQ: 210 AND ENGR 160
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2104005   A TR 8:00-9:20

CHEMICAL ENGR LAB I   CH E  325     2 CR.
PREREQ: 357, CREDIT OR ENROLLMENT IN 381
MATERIALS FEE $65.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5699005   A TR 10:00-11:50
5699010   B TR 12:10-2:00

TRANSPRT PHENOMEN I   CH E  356     3 CR.
PREREQ: 210, PHYS 221, CR OR ENR IN MATH 267
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2435005   A MWF 11:00-11:50
2435010   B MWF 11:00-11:50
CHEMICAL ENGINEERING

TRANSPRT PHENOMN II  CH E  357  3 CR.
PREREQ: 356, CREDIT OR ENROLLMENT IN 310
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2436005  A MWF 2:10-3:00

SEPARATIONS  CH E  358  3 CR.
PREREQ: 310, 357
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2437005  A MWF 3:10-4:00

CH E THERMODYNAMICS  CH E 381  3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 310, MATH 267,
PHYS 222, CHEM 325
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2438005  A MWF 1:10-2:00

CHEMICAL REACTN ENGR  CH E  382  3 CR.
PREREQ: CR IN 310, 381, CR OR ENROLLMENT IN 357
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2439005  A MWF 9:00-9:50

F STDY ORIEN AT ISU  CH E  391A  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 356, PERMISSION OF INSTRUCTOR
CREDIT FOR GRADUATION ALLOWABLE ONLY UPON
COMPLETION OF CH E 392.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2440010  SP T 4:10-5:00
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ENGINEER INTERNSHIP  CH E  397  R CR.
PREREQ: PERMISSION OF DEPARTMENT EACH TIME TAKEN
******* SEE DEPT FOR REFERENCE NUMBERS

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

BIOCHEMICAL ENGINEER  CH E 415  3 CR.
PREREQ: 357, 382 RECOMMENDED, CHEM 331
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2446005  MW 2:10-3:00

PROCESS CONTROL  CH E  421  3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 358, MATH 267
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2447005  A TR 12:40-2:00

CHEMICAL ENGR LAB II  CH E  426  2 CR.
PREREQ: 325, 356, 382
RESTRICTED TO CH E SENIORS GRADUATING SPRING 2009
CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH,
MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $70.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2448005  A T 2:10-6:00PM
2448010  B R 2:10-6:00PM

CHEMICAL ENGINEERING
BIOLOGICAL ENGR LAB      CH E 427      2 CR.
PREREQ: 325, 358, 382, BBMB 301
CREDIT FOR EITHER CH E 426 OR CH E 427, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $70.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2107005   A R 2:10-6:00PM

PROCES&PLANT DESIGN  CH E 430      4 CR.
PREREQ: 358,382
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2449005   A TR 9:00-9:50
TR 10:00-11:50

BIOMED APP CHEM ENG  CH E 440      3 CR.
PREREQ: 210, MATH 266, PHYS 222
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2108005   A MWF 1:10-2:00

POLYMERS &POLY ENGR  CH E 442      3 CR.
PREREQ: 382 AND CHEM 331 OR MAT E 351
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2451005   MWF 10:00-10:50

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

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

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

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

BIOCHEMICL ENGINEER  CH E 515      3 CR.
PREREQ: 357, 382, CHEM 331
2136005   MWF 2:10-3:00

BIOMED APP CHEM ENG  CH E 540      3 CR.
PREREQ: 210, MATH 266, PHYS 222
2462005   A MWF 1:10-2:00

ADV THERMODYNAMICS  CH E 583      3 CR.
PREREQ: 381
2467005   TR 12:40-2:00

CREATIVE COMPONENT  CH E 599   VAR.  CR.
2478005   A ARRANGED

SEMINAR  CH E 601      R CR.
SATISFACTORY–FAIL ONLY.
2479005   A R 11:00-11:50
CHEMICAL ENGINEERING

METABOLIC ENGINEER      CH E  625      3 CR.
PREREQ: 382, CHEM 331
2060005   MWF 10:00-10:50

MULTIPHASE FLOW          CH E  632      3 CR.
PREREQ: M E 538
2678005   A ARRANGED

ENGINEER INTERNSHIP     CH E  697      R CR.
PREREQ: PERMISSION OF MAJOR PROF, GRAD CLASSIF
2116005   ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

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

CHEMISTRY

CHEM IN MOD SOCIETY     CHEM  160      3 CR.
CREDIT FOR EITHER CHEM 160 OR ANOTHER CHEMISTRY
COURSE (INCLUDING TRANSFER), BUT NOT BOTH, MAY BE
APPLIED TOWARD GRADUATION
2488005   MWF 10:00-10:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem160/
SYLLABUS: http://avogadro.chem.iastate.edu/chem160/syllabu

GENERAL CHEMISTRY I      CHEM  163      4 CR.
PREREQ: 1 YR H.S. ALGEBRA AND GEOMETRY AND EITHER
CHEM 50 OR 155 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR
ENROLLMENT IN 163L
MUST BE ACCOMPANIED BY CHEM 163L UNLESS STUDENT
ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF
CHEM 155,163,167,177,201 (AND LABS) MAY BE APPLIED
TOWARD GRADUATION. ONLY ONE OF CHEM 163,165,167,177,
201 (AND LABS) MAY BE APPLIED TOWARD GRADUATION.
TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2489005   1 TR 10:00-10:50
MW 8:00-8:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem163/
SYLLABUS: http://avogadro.chem.iastate.edu/chem163/syllabu
2489010   2 TR 10:00-10:50
MW 9:00-9:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem163/
SYLLABUS: http://avogadro.chem.iastate.edu/chem163/syllabu
2489015   3 TR 10:00-10:50
MW 9:00-9:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem163/
SYLLABUS: http://avogadro.chem.iastate.edu/chem163/syllabu
2489020   4 TR 10:00-10:50
MW 10:00-10:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem163/
SYLLABUS: http://avogadro.chem.iastate.edu/chem163/syllabu
2489025   5 TR 10:00-10:50
MW 11:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem163/
SYLLABUS: http://avogadro.chem.iastate.edu/chem163/syllabu
2489030   6 TR 10:00-10:50
MW 11:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem163/
SYLLABUS: http://avogadro.chem.iastate.edu/chem163/syllabu
2489035   7 TR 10:00-10:50
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<td>9:00-11:50</td>
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</table>
SECTION INFO: http://avogadro.chem.iastate.edu/chem163l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem163l
/syllabus.html
SPRING 2009     Last Updated 10-03-2008

CHEMISTRY

GENERAL CHEM LAB I    CHEM  163L     1 CR.
2490060 12 R 3:10-6:00PM
SECTION INFO: http://avogadro.chem.iastate.edu/chem163l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem163l/syllabus.html

GENERAL CHEMISTR II   CHEM  164      3 CR.
PREREQ: 163 AND 163L
TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED
CREDIT FOR EITHER CHEM 164 (AND 164L) OR CHEM 178
(AND 178L), BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION.
2491010 1 MW 2:10-3:00
T 9:00-9:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem164/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164/syllabus.html
2491015 2 MW 2:10-3:00
T 10:00-10:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem164/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164/syllabus.html
2491020 3 MW 2:10-3:00
T 11:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem164/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164/syllabus.html
2491025 4 MW 2:10-3:00
T 12:10-1:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem164/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164/syllabus.html
2491030 5 MW 2:10-3:00
T 12:10-1:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem164/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164/syllabus.html
2491035 6 MW 2:10-3:00
T 1:10-2:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem164/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164/syllabus.html
2491040 7 MW 2:10-3:00
T 2:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem164/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164/syllabus.html
2491045 8 MW 2:10-3:00
T 2:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem164/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164/syllabus.html

GENERAL CHEM LAB II   CHEM  164L     1 CR.
PREREQ: 163L AND CREDIT OR ENROLLMENT IN 164
CREDIT FOR EITHER CHEM 164L OR CHEM 178L, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $33.00
2492005 1 W 9:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem164l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164l/syllabus.html
2492010 2 W 3:10-6:00PM
SECTION INFO: http://avogadro.chem.iastate.edu/chem164l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164l/syllabus.html
2492015 3 R 9:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem164l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164l/syllabus.html
2492020 4 R 12:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem164l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164l/syllabus.html
CHEMISTRY

GENERAL CHEM LAB II   CHEM 164L    1 CR.
2492025   5 R 3:10-6:00PM
SECTION INFO: http://avogadro.chem.iastate.edu/chem164l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem164l/syllabus.html

FOUND FOR ENGINR II   CHEM 165    4 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 155
COURSE RESTRICTED TO ENGR. COLLEGE MAJORS ONLY.
CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
(AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD
GRADUATION: CHEM 163, 165, 167, 177, 201.
4048005   1 TR 9:00-9:50
MW 9:00-9:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
4048010   2 TR 9:00-9:50
MW 10:00-10:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
4048015   3 TR 9:00-9:50
MW 11:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
4048020   4 TR 9:00-9:50
MW 12:10-1:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
4048025   5 TR 9:00-9:50
MW 1:10-2:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
4048030   6 TR 9:00-9:50
MW 2:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
4048035   7 TR 11:00-11:50
MW 9:00-9:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
4048040   8 TR 11:00-11:50
MW 10:00-10:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
4048045   9 TR 11:00-11:50
MW 11:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
4048050  10 TR 11:00-11:50
MW 1:10-2:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
4048055  11 TR 11:00-11:50
MW 2:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
4048060  12 TR 11:00-11:50
MW 3:10-4:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem165/
SYLLABUS: http://avogadro.chem.iastate.edu/chem165/syllabus.html
CHEMISTRY

ENGNRS GENERAL CHEM CHEM 167 4 CR.
PREREQ: MATH 140 OR THE HIGH SCHOOL EQUIV AND ONE YEAR OF TRADITIONAL COLLEGE PREP CHEM OR CHEM 50
RESTRICTED TO ENGR COLLEGE MAJORS ONLY. CREDIT FOR ONLY ONE OF CHEM 163, 165, 167, 177, 201 (AND LABS) MAY BE APPLIED TOWARD GRADUATION. ONLY ONE OF CHEM 155, 163, 167, 177, 201 (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION. TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.

<table>
<thead>
<tr>
<th>Section</th>
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<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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ENGINR GEN CHEM LAB CHEM 167L 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 167 OR 165
COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L.

MATERIALS FEE $33.00

<table>
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<th>Section</th>
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<th>Time</th>
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<th>Location</th>
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<tr>
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<td>M</td>
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<tr>
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<td>2494025</td>
<td>T</td>
<td>3:10-6:00PM</td>
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<td>2494035</td>
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<td>12:10-3:00</td>
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<td>2494040</td>
<td>W</td>
<td>3:10-6:00PM</td>
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CHEMISTRY

ENGINE GEN CHEM LAB   CHEM  167L     1 CR.
SYLLABUS: http://avogadro.chem.iastate.edu/chem167l
2494050  10 R 3:10-6:00PM
SECTION INFO: http://avogadro.chem.iastate.edu/chem167l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem167l
/syllabus.html

GENERAL CHEMISTRY     CHEM  177      4 CR.
PREREQ: MATH 140 OR H.S. EQUIVALENT AND CHEM 50, 155 OR 1 YR H.S. CHEM AND CR OR ENROLLMENT IN 177L.
CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
CHEM 177 MUST BE ACCOMPANIED BY CHEM 177L UNLESS
STUDENT ALREADY HAS CREDIT IN 177L. CREDIT FOR ONLY
ONE OF CHEM 163,165,167,177,201 (AND LABS) MAY BE
APPLIED TOWARD GRADUATION. ONLY ONE OF CHEM 155,163,
167,177,201 (4 LABS) MAY BE APPLIED TOWARD GRADUATION.
TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2495010  1 MWF 12:10-1:00
R 8:00-8:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem177
SYLLABUS: http://avogadro.chem.iastate.edu/chem177/syllabus.html
2495015  2 MWF 12:10-1:00
R 8:00-8:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem177
SYLLABUS: http://avogadro.chem.iastate.edu/chem177/syllabus.html
2495020  3 MWF 12:10-1:00
R 9:00-9:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem177
SYLLABUS: http://avogadro.chem.iastate.edu/chem177/syllabus.html
2495025  4 MWF 12:10-1:00
R 9:00-9:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem177
SYLLABUS: http://avogadro.chem.iastate.edu/chem177/syllabus.html
2495030  5 MWF 12:10-1:00
R 10:00-10:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem177
SYLLABUS: http://avogadro.chem.iastate.edu/chem177/syllabus.html
2495035  6 MWF 12:10-1:00
R 11:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem177
SYLLABUS: http://avogadro.chem.iastate.edu/chem177/syllabus.html
2495040  7 MWF 12:10-1:00
R 11:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem177
SYLLABUS: http://avogadro.chem.iastate.edu/chem177/syllabus.html
2495045  8 MWF 12:10-1:00
R 12:10-1:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem177
SYLLABUS: http://avogadro.chem.iastate.edu/chem177/syllabus.html
2495050  9 MWF 12:10-1:00
R 12:10-1:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem177
SYLLABUS: http://avogadro.chem.iastate.edu/chem177/syllabus.html
2495055 10 MWF 12:10-1:00
R 1:10-2:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem177
SYLLABUS: http://avogadro.chem.iastate.edu/chem177/syllabus.html
2495060 11 MWF 12:10-1:00
R 2:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem177
SYLLABUS: http://avogadro.chem.iastate.edu/chem177/syllabus.html
CHEMISTRY

GENERAL CHEM LAB      CHEM  177L     1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 177
CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS
STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY
ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD
GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L.
MATERIALS FEE $33.00
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

2496005   1 M 9:00-11:50
  SECTION INFO: http://avogadro.chem.iastate.edu/chem177l/
  SYLLABUS: http://avogadro.chem.iastate.edu/chem177l
          /syllabus.html
2496010   2 M 3:10-6:00PM
  SECTION INFO: http://avogadro.chem.iastate.edu/chem177l/
  SYLLABUS: http://avogadro.chem.iastate.edu/chem177l
          /syllabus.html
2496015   3 T 9:00-11:50
  SECTION INFO: http://avogadro.chem.iastate.edu/chem177l/
  SYLLABUS: http://avogadro.chem.iastate.edu/chem177l
          /syllabus.html
2496020   4 T 9:00-11:50
  SECTION INFO: http://avogadro.chem.iastate.edu/chem177l/
  SYLLABUS: http://avogadro.chem.iastate.edu/chem177l
          /syllabus.html
2496025   5 T 12:10-3:00
  SECTION INFO: http://avogadro.chem.iastate.edu/chem177l/
  SYLLABUS: http://avogadro.chem.iastate.edu/chem177l
          /syllabus.html
2496030   6 T 12:10-3:00
  SECTION INFO: http://avogadro.chem.iastate.edu/chem177l/
  SYLLABUS: http://avogadro.chem.iastate.edu/chem177l
          /syllabus.html
2496035   7 T 3:10-6:00PM
  SECTION INFO: http://avogadro.chem.iastate.edu/chem177l/
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2496040   8 W 9:00-11:50
  SECTION INFO: http://avogadro.chem.iastate.edu/chem177l/
  SYLLABUS: http://avogadro.chem.iastate.edu/chem177l
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2496045   9 W 3:10-6:00PM
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2496050  10 W 3:10-6:00PM
  SECTION INFO: http://avogadro.chem.iastate.edu/chem177l/
  SYLLABUS: http://avogadro.chem.iastate.edu/chem177l
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2496055  11 R 9:00-11:50
  SECTION INFO: http://avogadro.chem.iastate.edu/chem177l/
  SYLLABUS: http://avogadro.chem.iastate.edu/chem177l
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2496060  12 R 12:10-3:00
  SECTION INFO: http://avogadro.chem.iastate.edu/chem177l/
  SYLLABUS: http://avogadro.chem.iastate.edu/chem177l
          /syllabus.html

GENERAL CHEMISTRY     CHEM  178      3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 177, 177L
TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED
CREDIT FOR EITHER CHEM 164 (AND 164L) OR CHEM 178
(AND 178L), BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION
CHEMISTRY
2499005  1 MW 1:10-2:00  
P 8:00-8:50  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499010  2 MW 1:10-2:00  
P 9:00-9:50  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499015  3 MW 1:10-2:00  
P 9:00-9:50  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499020  4 MW 1:10-2:00  
P 10:00-10:50  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499025  5 MW 1:10-2:00  
P 10:00-10:50  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499030  6 MW 1:10-2:00  
P 11:00-11:50  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499050  10 MW 1:10-2:00  
P 1:10-2:00  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499055  11 MW 1:10-2:00  
P 1:10-2:00  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499060  12 MW 1:10-2:00  
P 2:10-3:00  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499065  13 MW 3:10-4:00  
P 9:00-9:50  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499070  14 MW 3:10-4:00  
P 10:00-10:50  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499075  15 MW 3:10-4:00  
P 10:00-10:50  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499080  16 MW 3:10-4:00  
P 11:00-11:50  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
2499085  17 MW 3:10-4:00  
P 11:00-11:50  
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/  
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus
GENERAL CHEMISTRY CHEM 178 3 CR.

2499090 18 MW 3:10-4:00
F 12:10-1:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus

2499095 19 MW 3:10-4:00
F 12:10-1:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus

2499100 20 MW 3:10-4:00
F 1:10-2:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus

2499105 21 MW 3:10-4:00
F 1:10-2:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus

2499110 22 MW 3:10-4:00
F 2:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus

2499115 23 MW 3:10-4:00
F 2:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus

2499125 24 MW 3:10-4:00
F 3:10-4:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem178/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178/syllabus

LAB GENERAL CHEMIST CHEM 178L 1 CR.

FREREQ: 177L AND CREDIT OR ENROLLMENT IN 178.
178L IS NOT A NECESSARY COREQUISITE WITH 178.
MUST BE ACCOMPANIED BY OR HAVE CREDIT IN 178.
CREDIT FOR EITHER CHEM 164L OR CHEM 178L, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $33.00

2500005 1 M 12:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem178l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178l/syllabus.html

2500010 2 M 3:10-6:00 PM
SECTION INFO: http://avogadro.chem.iastate.edu/chem178l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178l/syllabus.html

2500015 3 T 9:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem178l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178l/syllabus.html

2500020 4 T 9:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem178l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178l/syllabus.html

2500025 5 T 12:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem178l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178l/syllabus.html

2500030 6 T 12:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem178l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178l/syllabus.html

2500035 7 T 3:10-6:00PM
SECTION 7 RESTRICTED TO HONORS STUDENTS ONLY
SECTION INFO: http://avogadro.chem.iastate.edu/chem178l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem178l/syllabus.html
### LAB GENERAL CHEMIST  CHEM 178L  1 CR.

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### QUANT&ENVIRO ANALYS CHEM 211  2 CR.

**Prerequisites:** 164 AND 164L, CREDIT OR ENROLLMENT IN 178, OR 201 AND 177N; AND CONCURRENT ENROLLMENT IN 211L

<table>
<thead>
<tr>
<th>Code</th>
<th>Days</th>
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<td>2503005</td>
<td>MW</td>
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<td><a href="http://avogadro.chem.iastate.edu/chem211/syllabus.html">http://avogadro.chem.iastate.edu/chem211/syllabus.html</a></td>
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### QNT&ENVIR ANALY LAB CHEM 211L  2 CR.

**Prerequisites:** 164, 164L, CREDIT OR ENROLLMENT IN 178, OR 201 AND 177N; CONCURRENT ENROLLMENT IN 211L

**Materials Fee:** $40.00

<table>
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CHEMISTRY

QNT&ENVIR ANALY LAB  CHEM 211L  2 CR.
3678020  4 TR 3:10-6:00PM
SECTION INFO: http://avogadro.chem.iastate.edu/chem211l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem211l

ELEM ORGANIC CHEM  CHEM 231  3 CR.
PREREQ: 163,163L; CREDIT OR ENROLLMENT IN 231L
CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION.  CREDIT FOR
EITHER CHEM 231 (AND 231L) OR CHEM 331 (AND 331L),
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
2504005  MWF 11:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem231/
SYLLABUS: http://avogadro.chem.iastate.edu/chem231/syllabus.html

ELEM ORGNC CHEM LAB  CHEM 231L  1 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: CREDIT OR ENROLLMENT IN 231; 163L
CREDIT FOR EITHER CHEM 331L OR CHEM 231L,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $40.00
7900005  1 M 12:10-1:00
       W 1:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem231l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem231l

7900010  2 T 9:00-9:50
       T 10:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem231l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem231l

7900015  3 T 12:10-1:00
       T 1:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem231l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem231l

7900020  4 T 3:10-4:00
       T 4:10-6:00PM
SECTION INFO: http://avogadro.chem.iastate.edu/chem231l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem231l

7900025  5 W 12:10-1:00
       W 1:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem231l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem231l

7900030  6 R 12:10-1:00
       R 1:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem231l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem231l

7900035  7 R 3:10-4:00
       R 4:10-6:00PM
SECTION INFO: http://avogadro.chem.iastate.edu/chem231l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem231l

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

CHEMISTRY
INORGANIC CHEMISTRY CHEM 301 2 CR.
PREREQ: 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2507005 MW 11:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem301/
SYLLABUS: http://avogadro.chem.iastate.edu/chem301/syllabus

PHYSICAL CHEM LAB CHEM 321L 2 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: CREDIT OR ENROLLMENT IN 324 OR 325
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.
MATERIALS FEE $48.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2511005 1 WF 2:10-3:00
TR 9:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem321l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem321l/syllabus.html
2511010 2 WF 2:10-3:00
TR 12:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem321l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem321l/syllabus.html
2511015 3 WF 2:10-3:00
TR 3:10-6:00PM
SECTION INFO: http://avogadro.chem.iastate.edu/chem321l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem321l/syllabus.html

PHYSICAL CHEM LAB CHEM 322L 3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 324
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.
MATERIALS FEE $48.00
2515005 1 WF 2:10-3:00
TR 9:00-11:50
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
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
SECTION INFO: http://avogadro.chem.iastate.edu/chem322l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem322l/syllabus.html

CHEMICAL THERMODYNAM CHEM 325 3 CR.
PREREQ: 178, MATH 166, PHYS 222 RECOMMENDED
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5224005 1 MWF 9:00-9:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem325/
SYLLABUS: http://avogadro.chem.iastate.edu/chem325/syllabus
5224010 2 MWF 9:00-9:50
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
CHEMISTRY

ORGANIC CHEMISTRY I  CHEM  331      3 CR.
PREREQ: 176 OR 201, ENROLLMENT IN 331L HIGHLY RECOMMENDED
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
       M 1:10-2:00
       SECTION INFO: http://avogadro.chem.iastate.edu/chem331/
       SYLLABUS: http://avogadro.chem.iastate.edu/chem331/syllabus
2516010   2 MWF 9:00-9:50
       M 3:10-4:00
       SECTION INFO: http://avogadro.chem.iastate.edu/chem331/
       SYLLABUS: http://avogadro.chem.iastate.edu/chem331/syllabus
2516015   3 MWF 9:00-9:50
       T 11:00-11:50
       SECTION INFO: http://avogadro.chem.iastate.edu/chem331/
       SYLLABUS: http://avogadro.chem.iastate.edu/chem331/syllabus
2516020   4 MWF 9:00-9:50
       T 9:00-9:50
       SECTION INFO: http://avogadro.chem.iastate.edu/chem331/
       SYLLABUS: http://avogadro.chem.iastate.edu/chem331/syllabus

LAB IN ORGANIC CHEM  CHEM  331L     1 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: CREDIT OR ENROLLMENT FOR CREDIT IN 331,
177L
CREDIT FOR EITHER CHEM 331L OR CHEM 231L,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $48.00
5270005   1 M 12:10-1:00
       M 1:10-3:00
       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
       SECTION INFO: http://avogadro.chem.iastate.edu/chem331l
       SYLLABUS: http://avogadro.chem.iastate.edu/chem331l
/syllabus.html
5270015   3 T 12:10-1:00
       T 1:10-3:00
       SECTION INFO: http://avogadro.chem.iastate.edu/chem331l
       SYLLABUS: http://avogadro.chem.iastate.edu/chem331l
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5270020   4 T 3:10-4:00
       T 4:10-6:00PM
       SECTION INFO: http://avogadro.chem.iastate.edu/chem331l
       SYLLABUS: http://avogadro.chem.iastate.edu/chem331l
/syllabus.html
5270025   5 W 6:10-7:00PM
       W 7:10-8:50PM
       SECTION INFO: http://avogadro.chem.iastate.edu/chem331l
       SYLLABUS: http://avogadro.chem.iastate.edu/chem331l
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ORGANIC CHEMISTRY II  CHEM  332      3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 331, ENROLLMENT IN 332L HIGHLY RECOMMENDED
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2517005   1 MWF 10:00-10:50
       F 11:00-11:50
       SECTION INFO: http://avogadro.chem.iastate.edu/chem332/
       SYLLABUS: http://avogadro.chem.iastate.edu/chem332/syllabus
ORGANIC CHEMISTRY II  CHEM 332  3 CR.

2517010  2 MWF 10:00-10:50
          F 12:10-1:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem332/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332/syllabus

2517015  3 MWF 10:00-10:50
          M 3:10-4:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem332/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332/syllabus

2517020  4 MWF 10:00-10:50
          T 12:10-1:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem332/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332/syllabus

2517025  5 MWF 10:00-10:50
          T 1:10-2:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem332/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332/syllabus

2517030  6 MWF 10:00-10:50
          T 5:10-6:00PM
SECTION INFO: http://avogadro.chem.iastate.edu/chem332/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332/syllabus

2517035  7 TR 2:10-3:30
          M 8:00-8:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem332/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332/syllabus

2517040  8 TR 2:10-3:30
          M 4:10-5:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem332/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332/syllabus

2517045  9 TR 2:10-3:30
          M 2:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem332/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332/syllabus

2517050 10 TR 2:10-3:30
          M 9:00-9:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem332/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332/syllabus

LAB IN ORGANIC CHEM  CHEM 332L  1 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 331L, CREDIT OR ENROLLMENT FOR CREDIT IN 332
MATERIALS FEE $48.00

5272005  1 T 9:00-9:50
          T 10:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem332l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332l/syllabus.html

5272010  2 W 12:10-1:00
          W 1:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem332l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332l/syllabus.html

5272015  3 W 3:10-4:00
          W 4:10-6:00PM
SECTION INFO: http://avogadro.chem.iastate.edu/chem332l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332l/syllabus.html

5272020  4 R 9:00-9:50
          R 10:00-11:50
SECTION INFO: http://avogadro.chem.iastate.edu/chem332l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332l/syllabus.html

5272025  5 R 12:10-1:00
          R 1:10-3:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem332l/
SYLLABUS: http://avogadro.chem.iastate.edu/chem332l/syllabus.html
CHEMISTRY

LAB IN ORGANIC CHEM CHEM 332L 1 CR.
   /syllabus.html
   5272030 6 R 3:40-4:30
   R 4:40-6:30PM
   SECTION INFO: http://avogadro.chem.iastate.edu/chem332l/
   SYLLABUS: http://avogadro.chem.iastate.edu/chem332l
   /syllabus.html

LAB IN ORGANIC CHEM CHEM 334L 2 CR.
   PREREQ: 333L, CR OR ENROLLMENT FOR CREDIT IN 332
   COURSE RESTRICTED TO AGBIO, BIOPH, BIOCH, CHEM
   MAJORS ONLY
   MATERIALS FEE $48.00
   5645005 MW 3:10-4:00
   MW 4:10-6:00PM
   SECTION INFO: http://avogadro.chem.iastate.edu/chem334l/
   SYLLABUS: http://avogadro.chem.iastate.edu/chem334l
   /syllabus.html

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

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

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

PHYSICAL INORGANIC CHEM 505 3 CR.
   PREREQ: 402 OR 502, 324
   2532005 MWF 11:00-11:50

ANALYT SPECTROSCOPY CHEM 513 3 CR.
   PREREQ: 316, 316L, 324, 322L
   2538005 MWF 10:00-10:50

ORGANIC SYNTHESIS I CHEM 531 2 CR.
   PREREQ: 332
   9267005 TR 10:00-10:50
   SECTION INFO: http://avogadro.chem.iastate.edu/chem531/
   SYLLABUS: http://avogadro.chem.iastate.edu/chem531/syllabus

PHYS ORGANC CHEM II CHEM 538 3 CR.
   PREREQ: 537
   2543005 MWF 11:00-11:50
   SECTION INFO: http://avogadro.chem.iastate.edu/chem538/
   SYLLABUS: http://avogadro.chem.iastate.edu/chem538/syllabus

CHEMISTRY

SEMNAR FORENSIC SCI CHEM 540 1 CR.
PREREQ: 231 OR GRADUATE STATUS
5249005     W 12:10-1:00

RSRCH&PRSNT FORENSC CHEM 542 1 CR.
5259005 ARRANGED

SAFETY IN CHEM LAB CHEM 550 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 32L
4295005     TR 8:00-8:50
JAN 12-MARCH 6
SECTION INFO: http://avogadro.chem.iastate.edu/chem550/
SYLLABUS: http://avogadro.chem.iastate.edu/chem550/syllabus

ATOMIC&MOLEC Q MECH CHEM 562 3 CR.
PREREQ: 561, CREDIT OR ENROLLMENT IN 583
2549005     M 12:10-2:00
W 1:10-2:00
SECTION INFO: http://avogadro.chem.iastate.edu/chem562/
SYLLABUS: http://avogadro.chem.iastate.edu/chem562/syllabus

STATISTCL MECHANICS CHEM 563 3 CR.
PREREQ: 324
2550005     MW 10:00-11:20
SECTION INFO: http://avogadro.chem.iastate.edu/chem563/
SYLLABUS: http://avogadro.chem.iastate.edu/chem563/syllabus

MOLEC SPECTRO&STRUC CHEM 564 3 CR.
PREREQ: 505 OR 562
2551005     MWF 11:00-11:50

SOLID-STATE CHEM CHEM 571 2 CR.
PREREQ: 301,324
2554005     MW 2:10-3:00

MASS SPECTROMETRY CHEM 577 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
2560005     TR 9:30-10:50

CURRENT TOPICS CHEM CHEM 589 R CR.
3778005     R 8:00-9:30PM
SECTION INFO: http://www.chem.iastate.edu/seminar.php
SYLLABUS: http://www.chem.iastate.edu/seminar.php

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

SEMINR INORGNC CHEM CHEM 600 1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
2563005     W 4:10-5:30
SECTION INFO: http://www.chem.iastate.edu/seminar.php
SYLLABUS: http://www.chem.iastate.edu/seminar.php

SEMINR ANALYTIC CHEM CHEM 611 1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
2565005     F 2:30-4:00
SECTION INFO: http://www.chem.iastate.edu/seminar.php
SYLLABUS: http://www.chem.iastate.edu/seminar.php
CHEMISTRY

SEMINR ORGANIC CHEM  CHEM 631  1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
2566005  F 1:10-2:30
SECTION INFO: http://www.chem.iastate.edu/seminar.php
SYLLABUS: http://www.chem.iastate.edu/seminar.php

SELECT TOP ORG CHEM  CHEM 632  1- 2 CR.
PREREQ: 537
COURSE OFFERED FOR 1 CREDIT SPRING 2009.
2567005  1 TR 4:30-5:30
SECT 1:JAN 12-MARCH 6
2567010  2 TR 4:30-5:30
SECT 2:MARCH 9-MAY 8

SEMNOR PHYSICAL CHEM  CHEM 660  1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
2568005  F 4:10-5:30
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 CR.
PREREQ: PERMISSION OF INSTRUCTOR
COURSE OFFERED FOR 2 CREDITS SPRING 2009.
2573005  T 1:10-3:00

RESEARCH  CHEM 699  VAR.  CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******  SEE DEPT FOR REFERENCE NUMBERS

CHINESE

ELEM MANDRN CHIN II  CHIN 102  5 CR.
PREREQ: 101
TESTOUT NOT AVAILABLE IF ALSO REGISTERED
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7374005  1 M 10:00-11:00
7374010  2 MTWRF 10:00-11:00
7374015  3 MTWRF 11:00-12:00

INTM MAND CHINES II  CHIN 202  5 CR.
PREREQ: 201
TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7768005  1 MTWRF 9:00-9:50

INTRO CHINES CULTUR  CHIN 272  3 CR.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
8252005  1 TR 11:00-12:20

CHINESE FOR BUSINES  CHIN 304  4 CR.
PREREQ: CHIN 202 OR EQUIVALENT
MATERIALS AND EQUIPMENT USE FEE $25.00
7444005  1 TR 2:10-3:30, ARRANGED

CHINA TODAY  CHIN 375  3- 4 CR.
PREREQ: ENGL 250 OR EQUIVALENT
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
TOPIC: CONTEMPORARY CHINESE POPULAR CULTURE.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
CHINESE

INDEPENDENT STUDY CHIN 490 1-6 CR.
PREREQ: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF DEPARTMENT CHAIR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING

CIVIL ENGR PROJECTS C E 104 1 CR.
COURSE RESTRICTED TO C E MAJORS ONLY.
FIELD TRIPS & TRAVEL FEE $10.00-$50.00
2275005 1 W 3:10-4:00

FUND OF SURVEYING I C E 111 3 CR.
PREREQ: 160, CR OR ENR IN ENGR 170 OR C E 170,
MATH 165, CREDIT OR ENR IN C E 104 FOR C E MAJORS
COURSE RESTRICTED TO C E AND CON E MAJORS ONLY.
7242005 1 MF 2:10-3:00
7242010 2 MF 2:10-3:00
7242015 3 MF 2:10-3:00
7242020 4 MF 2:10-3:00
7242025 5 MF 2:10-3:00

ENGR PROB CMFUT LAB C E 160 3 CR.
PREREQ: MATH 141, 142 OR SATISFACTORY SCORES
ON MATH PLACEMENT EXAMS; CR OR ENRLMT IN MATH 165
COURSE RESTRICTED TO C E MAJORS ONLY.
2911005 1 MW 10:00-11:50
2911010 2 TR 3:10-5:00

CIVIL ENGR GRAPHICS C E 170 2 CR.
PREREQ: MATH 165, CREDIT OR ENROLLMT IN C E 104
COURSE RESTRICTED TO C E MAJORS ONLY.
3515005 1 TR 8:00-9:50
3515010 2 TR 12:10-2:00

CIV ENG SYNTHESIS I C E 203 2 CR.
PREREQ: 104, 160, CREDIT OR ENROLLMT IN ENGL 250,
CHEM 167 OR 177
COURSE RESTRICTED TO C E MAJORS ONLY.
2920005 1 MW 1:10-2:00
SECTION INFO: http://www.celt.iastate.edu/webct/

CIV ENG SYNTHESIS II C E 204 2 CR.
PREREQ: 111, 203, PHYS 221,
COURSE RESTRICTED TO C E MAJORS ONLY.
2921005 1 TR 3:10-4:00

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

PROFESNL ISSUES C E 303 2 CR.
PREREQ: 204, SP CM 212
COURSE RESTRICTED TO C E MAJORS ONLY.
3545005  1 TR 11:00-11:50
CIVIL ENGINEERING

CIVIL ENGR PROJ MGT  C E   304    2 CR.
PREREQ: 303
COURSE RESTRICTED TO C E MAJORS ONLY.
FIELD TRIPS & TRAVEL FEE $10.00-$50.00
2922005   1 MW 4:10-5:00

PRIN ENVIRONMT ENGR  C E   326    3 CR.
PREREQ: CHEM 167 OR 178, MATH 166, CREDIT OR
ENROLLMENT IN E M 378
COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2284005   1 MF 10:00-10:50
          W 10:00-11:50
          SECTION INFO: http://www.public.iastate.edu/~tge
          /courses/ce326/homepage.html
2284010   2 MF 10:00-10:50
          W 2:10-4:00
          SECTION INFO: http://www.public.iastate.edu/~tge
          /courses/ce326/homepage.html
2284600   XE ARRANGED               ELLIS T
          SECT XE:JAN 12-MAY 8
          DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
          DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
          EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
          PERMISSION TO REGISTER.
          SECTION XE IS OFF CAMPUS.
          DELIVERY IS VIDEOSTREAMING

STRUCTURAL ANALYS I   C E   332    3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: E M 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2285005   1 MWF 1:10-2:00
          W 2:10-3:00
2285010   2 MWF 1:10-2:00
          F 2:10-3:00
2285015   3 MWF 8:00-8:50
          W 9:00-9:50
2285020   4 MWF 8:00-8:50
          F 9:00-9:50

STRUCT STEEL DSGN I   C E   333    3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 332, E M 327
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2286005   1 MW 8:00-8:50
          R 8:00-9:50
2286010   2 MW 8:00-8:50
          R 8:00-9:50

REIN CONCRETE DSN I   C E   334    3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 332, E M 327
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2287005   1 MWF 1:10-2:00
          M 12:10-1:00
2287010   2 MWF 1:10-2:00
          W 12:10-1:00

INTRO TRANSPRT PLAN   C E   350    3 CR.
PREREQ: 3 CR IN STAT, JR CLASSIFICATION
CREDIT IN C E 350 MAY NOT BE APPLIED TOWARD
GRADUATION BY STUDENTS IN CIVIL ENGINEERING
2289005   1 TR 3:40-5:00
CIVIL ENGINEERING

PRIN TRANSPORTN ENG  C E  355     2 CR.
P R E Q :  1 1 1 ,  2 0 3 ,  P H Y S  2 2 1 ,  C O U R S E  I N  S T A T  F R O M  
T H E  A P P R O V E D  D E P A R T M E N T A L  L I S T  
2924005    1 M W  1 1 : 0 0 - 1 1 : 5 0

SOIL ENGINEERING     C E  360     3 CR.
N I G H T  E X A M I N A T I O N S  S C H E D U L E D.  
P R E Q :  E M  3 2 4 ,  C R E D I T  O R  E N R O L L M E N T  I N  G E O L  2 0 1  
M A T E R I A L S  F E E  $ 1 0 . 0 0 - $ 2 5 . 0 0  
2291005    1 M F  1 2 : 1 0 - 1 : 0 0  
T  8 : 0 0 - 1 0 : 5 0
2291010    2 M F  1 2 : 1 0 - 1 : 0 0  
T  1 2 : 1 0 - 3 : 0 0
2291015    3 M F  1 2 : 1 0 - 1 : 0 0  
R  8 : 0 0 - 1 0 : 5 0
2291020    4 M F  1 2 : 1 0 - 1 : 0 0  
R  1 2 : 1 0 - 3 : 0 0
2291025    5 M F  1 2 : 1 0 - 1 : 0 0  
R  3 : 1 0 - 6 : 0 0 P M
2291030    6 M F  1 2 : 1 0 - 1 : 0 0  
W  3 : 1 0 - 6 : 0 0 P M

ENGR HYDROL&HYDRAUL  C E  372     4 CR.
P R E Q :  E M  3 7 8 ,  A  C O U R S E  I N  S T A T I S T I C S  F R O M  
T H E  A P P R O V E D  D E P A R T M E N T  L I S T  
2293005    1 M W F  9 : 0 0 - 9 : 5 0  
T  4 : 1 0 - 6 : 0 0 P M
2293010    2 M W F  9 : 0 0 - 9 : 5 0  
R  4 : 1 0 - 6 : 0 0 P M

DESIGN OF CONCRETES   C E  382       3 CR.
P R E Q :  C R E D I T  O R  E N R O L L M E N T  I N  3 6 0  
M A T E R I A L S  F E E  $ 1 0 . 0 0 - $ 2 5 . 0 0  
2294005    1 M F  2 : 1 0 - 3 : 0 0  
T  8 : 0 0 - 1 0 : 5 0
2294010    2 M F  2 : 1 0 - 3 : 0 0  
T  1 2 : 1 0 - 3 : 0 0
2294015    3 M F  2 : 1 0 - 3 : 0 0  
R  1 2 : 1 0 - 3 : 0 0
2294020    4 M F  2 : 1 0 - 3 : 0 0  
R  8 : 0 0 - 1 0 : 5 0

DSGN PORTLAND CEMENT  C E  383       1 CR.
P R E Q :  C R E D I T  O R  E N R O L L M E N T  I N  3 6 0.  
F O R  C O N E  S T U D E N T S  O N L Y.  
M A T E R I A L S  F E E  $ 1 0 . 0 0 - $ 2 5 . 0 0  
9480005    1 W  3 : 1 0 - 5 : 0 0
9480010    2 R  3 : 1 0 - 5 : 0 0

ENGINEER INTERNSHIP     C E  397     R CR.
S A T I S F A C T O R Y - F A I L  O N L Y.  
******     S E E  D E P T  F O R  R E F E R E N C E  N U M B E R S  

### CIVIL ENGINEERING

**COOPERATIVE EDUC**  
CE 398  R CR.  
Satisfactory-Fail only.  
Prerequisite: 298, permission of department and Engr Career Services  
******* See Dept for Reference Numbers

**PROG&OUTCOME ASSESS**  
CE 403  R CR.  
Satisfactory-Fail only.  
Prerequisite: Verification of Undergrad Application for Graduation by the end of the first week of class, instr permission for students graduating Summer.  
Course restricted to students graduating Spring 2009.

- 7351005  1 M 5:10-6:00PM  
  Sect 1: March 9-May 8

**LAND SURVEYING**  
CE 417  3 CR.  
Prerequisite: 111  
Available for nonmajor graduate credit.

- 7565005  1 TF 12:10-1:00  
  W 3:10-6:00PM

**WASTEWTR TREATM DSN**  
CE 428  3 CR.  
Prerequisite: 326  
Available for nonmajor graduate credit.

- 6106005  1 MWF 8:00-8:50

**BUILDING DESIGN**  
CE 447  3 CR.  
Prerequisite: 333, 334  
Materials fee $10.00-$25.00  
Available for nonmajor graduate credit.

- 7568005  1 MW 3:10-5:00

**HIGHWAY DESIGN**  
CE 453  4 CR.  
Prerequisite: 304, 355, 372, 382  
Available for nonmajor graduate credit.

- 2302005  1 MWF 9:00-9:50  
  R 2:10-4:00  
  2302010  2 MWF 9:00-9:50  
  R 4:10-6:00PM

**FOUNDATIONS**  
CE 460  3 CR.  
Prerequisite: 360  
Available for nonmajor graduate credit.

- 2303005  1 MWF 2:10-3:00

**PAVEMENT ANLYS&DSGN**  
CE 483X  3 CR.  
Prerequisite: 382, 360  
Available for nonmajor graduate credit.

- 7748005  Arranged

**CIVIL ENGR DESIGN I**  
CE 485  2 CR.  
Prerequisite: 304, credit or enrollment in 326, credit or enrollment in 333 or 334, 355, SP CM 212  
Course restricted to seniors graduating Fall '09.

- 2131005  1 M 12:10-1:00  
  T 3:10-5:00  
  2131010  2 M 12:10-1:00  
  W 10:00-11:50

**CIVIL ENG DESIGN II**  
CE 486  3 CR.  
Prerequisite: 326, 333 or 334, 382, 485, credit or enrollment in 428 or 453  
Course restricted to seniors graduating Spring 2009.
CIVIL ENGINEERING

CIVIL ENG DESIGN II  C E  486  3 CR.
9481010  2 M 11:00-11:50
F 11:00-2:00

INDEPENDENT STUDY  C E  490  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS  C E  490H  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

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

PRECONSTR ENGR & MGT  C E  501  3 CR.
PREREQ: CON E 221, 421
8714600  XE ARRANGED  JASELSKIS E
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

CONST MGT FUNCTIONS  C E  503  3 CR.
PREREQ: CON E 421
8717600  XE ARRANGED  STRONG K
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

DESIGN CONSTRUCT SYS  C E  505  3 CR.
PREREQ: 334, 360, CON E 322 AND 340
MATERIALS AND FIELD TRIPS & TRAVEL FEE $10.00-525.00
1947005  1 M 5:10-8:00PM
1947600  XE ARRANGED  JAHREN C
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING
CIVIL ENGINEERING

CASE HIST CONST DOC  C E   506      3 CR.
  PREREQ: CON E 221, CRED OR ENROLLMNT IN CON E 421
  8718600  XE ARRANGED   KANDIL A
  SECT XE:JAN 12-MAY 8
  DELIVERY FEE $190.00 PER CREDIT HOUR. FOR
  PERMISSION TO REGISTER CONTACT 515-294-7470 OR
  BNELSON@IASTATE.EDU.
  SECTION XE IS OFF CAMPUS.
  DELIVERY IS VIDEOSTREAMING

CONSTR:INFO TECHNOL  C E   510      3 CR.
  PREREQ: CON E 421, ENGR 160 OR C E 160 OR EQUIV
  8712005   1 ARRANGED

WTR POLL CNTRL PROC  C E   522      3 CR.
  PREREQ: 521
  2320005   1 ARRANGED

PHY-CHEM TREAT PROC  C E   523      3 CR.
  PREREQ: 520
  2321005   1 ARRANGED

AIR POLLUTION         C E   524      3 CR.
  PREREQ: TWO OF: PHYS 221, CHEM 178, AND EITHER
  MATH 166 OR 3 CREDITS IN STAT
  8097005   1 ARRANGED

INDUS WASTEW T RECOV  C E   525      3 CR.
  PREREQ: TWO CHEM COURSES, MATH 166
  8152005   1 ARRANGED

STRUCT STEEL DSN II   C E   533      3 CR.
  PREREQ: 333
  2331005   1 ARRANGED

PRESTRESS CONCR STR   C E   535      3 CR.
  PREREQ: 334
  2328005   1 ARRANGED

STRUC ANLY FIN ELEM   C E   542      3 CR.
  PREREQ: 532
  2324005   1 MW 11:00-1:00
  2324600  XE ARRANGED   FANOUS F
  SECT XE:JAN 12-MAY 8
  DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
  DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
  EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
  PERMISSION TO REGISTER.
  SECTION XE IS OFF CAMPUS.
  DELIVERY IS VIDEOSTREAMING

PLATE &SLAB STRUCTU   C E   547      3 CR.
  PREREQ: 334, E M 514, MATH 266
  2332005   1 ARRANGED

ADV TRAFFIC OPERATN   C E   555      3 CR.
  PREREQ: 553
  2169005   1 ARRANGED

FUND SOIL MECHANICS   C E   560      3 CR.
  PREREQ: 360
  2340005   1 ARRANGED
NUM MTHD & GEOTCH DSN  C E  564  3 CR.  
PREREQ: 560  
2342005  1 ARRANGED  

FUND GEOMATLS BEHAV  C E  565  3 CR.  
PREREQ: 382  
MATERIALS FEE $10.00-$50.00  
2351005  1 ARRANGED  

APPLIED HYDRLC DSGN  C E  570  3 CR.  
PREREQ: 372  
2304005  1 ARRANGED  

SURFC WTR HYDROLOGY  C E  571  3 CR.  
PREREQ: 372  
2343005  1 ARRANGED  
2343600  XE ARRANGED  
SECT XE: JAN 12-MAY 8  
DELIVERY FEE $190.00 PER CREDIT HOUR.  FOR  
PERMISSION TO REGISTER CONTACT 515-294-7470 OR  
BNELSON@IASTATE.EDU.  
SECTION XE IS OFF CAMPUS.  
DELIVERY IS VIDEOSTREAMING  

GEOTECH & MAT ENG SEM  C E  581  R CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: GRADUATE CLASSIFICATION  
2655005  1 ARRANGED  

PAVEMENT ANLYS & DSGN  C E  583X  3 CR.  
PREREQ: 382, 360  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
7772005  ARRANGED  

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

SEMINAR ENVIR ENGR  C E  591  R CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: GRADUATE CLASSIFICATION  
1658005  1 T 11:00-11:50  

SPL TOP PROJ CNTRLS  C E  594E  1-3 CR.  
PREREQ: CON E 322, CON E 340 OR C E 304, AND  
PERMISSION OF INSTRUCTOR  
2970600  XE ARRANGED  JAHREN C  
SECT XE: JAN 12-MAY 8  
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR  
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT  
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR  
PERMISSION TO REGISTER.  
SECTION XE IS OFF CAMPUS.  
DELIVERY IS VIDEOSTREAMING  

SPL TOP CPR & PRJ CTL  C E  594F  1-3 CR.  
PREREQ: CON E 322, CON E 340 OR C E 304, AND  
PERMISSION OF INSTRUCTOR  
2979005  1 R 5:10-8:00PM  
2979600  XE ARRANGED  JAHREN C  
SECT XE: JAN 12-MAY 8  
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR  
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT  
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR  
PERMISSION TO REGISTER.  
SECTION XE IS OFF CAMPUS.  
DELIVERY IS VIDEOSTREAMING
CIVIL ENGINEERING

SPL TOP DSN BLD CON C E 594M 1- 3 CR.
PREREQ: CON E 322, CON E 340 OR C E 304, AND
PERMISSION OF INSTRUCTOR
2198005 1 T 5:10-8:00PM
2198600 XE ARRANGED SHANE J
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. FOR
PERMISSION TO REGISTER CONTACT 515-294-7470 OR
BNELSON@IASTATE.EDU.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

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

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

ENGINEER INTERNSHIP C E 697 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF COOP ADVISER, GRAD CLASSIF
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7416005 1 ARRANGED

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

CLASSICAL STUDIES

TEC TERMINOL IN PRO CL ST 201X 3 CR.
8840005 MWF 8:00-8:50

THE ANCIENT CITY CL ST 275 3 CR.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4315005 1 TR 12:40-2:00

RHETO ISSU IN CONTX CL ST 350 3 CR.
PREREQ: ENGL 250
2176005 A1 TR 2:10-3:30
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
2176010 A2 TR 2:10-3:30
SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

WLD LIT:ANCT-RENAIS CL ST 353 3 CR.
PREREQ: ENGL 250
MEETS INTERNATIONAL PERSPECTIVES REQMT.
2585005 A1 TR 3:40-5:00
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
2585010 A2 TR 3:40-5:00
SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,
TCOMM

CHRISTIAN ROMAN EM CL ST 367 3 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7613005 MWF 3:10-4:00

GREEK & ROMAN DRAMA CL ST 372 3 CR.
PREREQ: 273 OR 275 OR ONE COURSE IN LATIN OR
GREEK
CLASSICAL STUDIES

WMN ANC ROMAN WORLD  CL ST 374B  3 CR.
PREREQ: ANY ONE COURSE IN CL ST, W S, LATIN, OR GREEK
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
2587005  MWF 11:00-11:50

INTR ARCHEOLOGICAL GREECE  CL ST 394  2 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
5095005  M 5:10-7:00PM
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ANCIENT GREECE  CL ST 402  3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
COURSE RESTRICTED TO SOPH AND ABOVE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
2589005  TR 9:30-10:50  HOLLANDER D

ANCIENT ROME I  CL ST 403  3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2590005  TR 12:40-2:00  HOLLANDER D

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

COMMUNICATION DISORDERS

INTRO COMM DISORDER  CMDIS 275  3 CR.
2611005  TR 12:40-2:00

PHONETICS & PHONOLOGY  CMDIS 371  3 CR.
PREREQ: 275 OR ENGL 219
2610005  TR 9:30-10:50

COMMUNICATION STUDIES

INTRO COMMUNICATION STUDIES  COMST 101  3 CR.
7918005  I MWF 3:10-4:00  BLANKENSHIP K

INTRO INTERPR'S COMM  COMST 102  3 CR.
SEC 1A, 2A RESTRICTED TO COMST MAJORS ONLY.
SEC 1B, 2B FOR MAJORS OTHER THAN COMS.
8105005  1A TR 2:10-3:30
8105010  1B TR 2:10-3:30
8105015  2A TR 8:00-9:20
8105020  2B TR 8:00-9:20

INTRO COMM RSRCH MTD  COMST 203  3 CR.
COURSE RESTRICTED TO COMST MAJORS.
5123005  1 TR 9:30-10:50

CONFLICT MANAGEMENT  COMST 218  3 CR.
7314005  1A TR 8:00-9:20
COMMUNICATION STUDIES

HUMAN COMMUNIC THRY  COMST 301  3 CR.
PREREQ: 101
COURSE RESTRICTED TO COMST MAJORS ONLY
   6593005  1 TR 11:00-12:20

LANGUAG,THOUGHT&ACT  COMST 305  3 CR.
PREREQ: ENGL 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
   3319005  A1 MWF 1:10-2:00
   3319010  A2 MWF 1:10-2:00
SEC A1 RESTRICTED TO SP CM MAJORS ONLY.
SEC A2 FOR MAJORS OTHER THEN SP CM.

INTERCULTURAL COMM  COMST 310  3 CR.
PREREQ: 101 OR 102, 203, 301
COURSE RESTRICTED TO COMST MAJORS ONLY
MEETS INTERNATIONAL PERSPECTIVES REQMT.
   7934005  1 TR 8:00-9:20

RELATIONAL COMMUNIC  COMST 311  3 CR.
PREREQ: 102, 203, 301
COURSE RESTRICTED TO COMST MAJORS ONLY.
   6428005  1 MWF 1:10-2:00

ORGANIZATIONAL COMM  COMST 314  3 CR.
PREREQ: 101 OR 102; 203, 301
COURSE RESTRICTED TO COMST MAJORS ONLY
   6431005  1 MWF 8:00-8:50

SMALL GROUP COMM  COMST 317  3 CR.
PREREQ: 101 OR 102, 203, 301
COURSE RESTRICTED TO COMST MAJORS ONLY
   6433005  1 MWF 10:00-10:50

GENDER & COMMUNICTN  COMST 323  3 CR.
PREREQ: SP CM 212
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
   3339005  A TR 9:30-10:50
   3339010  B TR 11:00-12:20
   3339015  C TR 12:40-2:00

NONVERBAL COMMUNIC  COMST 325  3 CR.
PREREQ: 101 OR 102; 203, 301
COURSE RESTRICTED TO COMST MAJORS ONLY
   3920005  1 T 9:30-10:50

SEM COMM THRY&RESCH  COMST 404A  3 CR.
PREREQ: 301 PLUS 9 ADDITIONAL CREDITS OF 300
LEVEL COMST COURSES
   2298005  1 TR 3:40-5:00

SEMINAR TRAIN&DEVEL  COMST 404G  3 CR.
PREREQ: 301 PLUS 9 ADDITIONAL CREDITS OF 300
LEVEL COMST COURSES
   2883005  1 TR 11:00-12:15

INDEPENDENT STUDY  COMST 490  1- 3 CR.
PREREQ: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS
COMMUNICATION STUDIES

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

SEM COMM THRY&RSRCH COMST 504A 3 CR.
PREREQ: GRADUATE STANDING, INSTRUCTOR PERMISSION
4421005 1 TR 3:40-5:00

SEMINAR TRAIN&DEVEL COMST 504G 3 CR.
PREREQ: GRADUATE STANDING, INSTRUCTOR PERMISSION
2898005 1 TR 11:00-12:15

SPECIAL TOPICS COMST 590 1-4 CR.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

FORCES SHAP METRO E C R P 270 3 CR.
PREREQ: MUST BE TAKEN PRIOR TO COMPLETING 9
CREDITS IN C R P
MEETS U.S. DIVERSITY REQMT.
2382005 AMWF 9:00-9:50

PLANNING TECHNIQ II C R P 274 3 CR.
PREREQ: 272
MATERIALS FEE $0.00-$10.00
9482005 A TR 12:40-1:30
9482010 B TR 12:40-1:30
9482010 T 8:00-9:20

URBAN FORM C R P 320 3 CR.
PREREQ: 253 OR 270, OR PERMISSION OF INSTRUCTOR
8073005 MW 5:00-6:30PM

PRACTICUM C R P 330 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MAJOR IN COMMUNITY AND REGIONAL PLANNING
2386005 ARRANGED

PRO PRACTICE SEMINR C R P 331 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MAJOR IN COMMUNITY AND REGIONAL PLANNING
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$20.00
3962005 T 12:40-1:30

COMMU PLAN STUDIO I C R P 332 4 CR.
PREREQ: 253, 274
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$100.00
2399005 MWF 3:00-5:00

RURAL,URB&REGN ECON C R P 376 3 CR.
PREREQ: ECON 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2227005 1 MWF 2:10-3:00 FRANKEL D
SECTION INFO: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
COMMUNITY & REGIONAL PLANNING

PLAN PROCESS THEORY  C R P 383  3 CR.
PREREQ: 253, JUNIOR STATUS
2388005  A TR 9:30-10:50

FIELD TRAVEL  C R P 391  1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: C R P MAJOR, PERMISSION OF ADVISER
COURSE OFFERED FOR 1 CREDITS SPRING 2009.
FIELD TRIPS & TRAVEL FEE  $200.00-$1,000.00
2402005  R 12:40-1:30

PRO WORK EXPERIENCE  C R P 410  R CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
2710005  ARRANGED

URBAN REVITALIZATION  C R P 417  3 CR.
PREREQ: 253 OR 270
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$30.00
7569005  MWF 11:00-11:50

INTERNATIONAL PLANNING  C R P 429  3 CR.
PREREQ: JUNIOR CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$30.00
2988005  TR 3:40-5:00
SECTION INFO: http://www.public.iastate.edu/%7efowusu/cour

COMMUNITY PLAN STDII  C R P 432  4 CR.
PREREQ: 332, 383
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$100.00
2391005  A TR 2:10-5:20

SITE DEVELOPMENT  C R P 442  3 CR.
PREREQ: 253, 272
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$100.00
8760005  TR 11:00-12:30

INTRO GEOG INFO SYS  C R P 451  3 CR.
PREREQ: 451 OR EQUIVALENT
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$10.00
9410005  A MW 8:00-8:50
W 12:10-2:00
SECTION INFO: http://www.public.iastate.edu/%7ehaddad/cour
9410010  B MW 8:00-8:50
W 3:10-5:00
SEC B RESTRICTED TO C R P MAJORS ONLY
SECTION INFO: http://www.public.iastate.edu/%7ehaddad/cour

GEOG DATA MGT&ANALY  C R P 452  3 CR.
PREREQ: 451 OR EQUIVALENT
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$10.00
5205005  MW 10:00-11:50

SUSTAINABLE COMMUNITY  C R P 484  3 CR.
PREREQ: SENIOR CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$100.00
7041005  TR 6:00-7:20PM

INDEPENDENT STUDY  C R P 490  1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND
DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
COMMUNITY & REGIONAL PLANNING

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

ENVIRONMTL LAW&PLAN  C R P 491  3 CR.
PREREQ: 6 CREDITS IN NATURAL SCIENCES
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$30.00
2396005  TR 8:00-9:20

SR PLANNING SEMINAR  C R P 494  1-3 CR.
PREREQ: SR CLASSIF, CREDIT OR ENROLLMENT IN 332
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$20.00
2403005  TR 11:00-12:20

PORTFOLIO DEV&RVIEW  C R P 498  1 CR.
PREREQ: TAKE DURING FINAL SEM OF PLANNING PROGRAM
MATERIALS FEE  $0.00-$50.00
2418005  W 12:10-1:00

METHODS II  C R P 502  3 CR.
PREREQ: 501, GRADUATE CLASSIFICATION
2419005  TR 12:40-2:00
2419600  XD ARRANGED  SANDOVAL G
SECT XD: JAN 12-MAY 8
$100 DELIVERY FEE IN ADDITION TO TUITION
DELIVERY IS DVD

PRO WORK EXPERIENCE  C R P 510  1 CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
******  SEE DEPT FOR REFERENCE NUMBERS

URBAN REVITALIZATN  C R P 517  3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$30.00
7839005  MWF 11:00-11:50  SANDOVAL G
7839600  XD ARRANGED  SANDOVAL G
SECT XD: JAN 12-MAY 8
$100 DELIVERY FEE IN ADDITION TO TUITION
SECTION XD IS OFF CAMPUS.
DELIVERY IS DVD

ECON ANALY PBLC PLN  C R P 523  3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$20.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9491005  MWF 12:10-1:00

INTERNATNL PLANNING  C R P 529  3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$30.00
2404005  TR 3:40-5:00
SECTION INFO: http://www.public.iastate.edu/~efowusu/cour
2404600  XD ARRANGED
SECT XD: JAN 12 - MAY 8
$100 DELIVERY FEE IN ADDITION TO TUITION
SECTION XD IS OFF CAMPUS.
DELIVERY IS DVD
COMMUNITY & REGIONAL PLANNING

PRACTICUM C R P 530 1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION IN C R P
2405005 ARRANGED

PRO PRACTICE SEMINR C R P 531 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MAJOR IN COMMUNITY AND REGIONAL PLANNING
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$20.00
4266008 T 12:40-1:30

SITE DEVELOPMENT C R P 542 3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$0.00-$100.00
8759005 TR 11:00-12:30

INTRO GEOG INFO SYS C R P 551 3 CR.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$10.00
1985005 A MW 8:00-8:50
1985010 B MW 8:00-8:50
SECTION INFO: http://www.public.iastate.edu/%7ehaddad/cour

GEOG DATA MGT & PLAN C R P 552 3 CR.
PREREQ: 551 OR INSTRUCTOR PERMISSION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$10.00
5209005 MW 10:00-11:50

ANALYTICAL PLAN/GIS C R P 553 3 CR.
PREREQ: 451/551
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
8184005 MW 8:00-9:50

SEMN R PLANNING THRY C R P 561 3 CR.
PREREQ: GRAD CLASSIFICATION
2410005 A TR 11:00-12:20
2410600 XD ARRANGED CLAPP T
SECT XD: JAN 12-MAY 8
$100 DELIVERY FEE IN ADDITION TO TUITION
SECTION XD IS OFF CAMPUS.
DELIVERY IS DVD

SUSTAINABLE COMMUNIT C R P 584 3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$0.00-$100.00
7043005 TR 6:00-7:20PM
7043600 XD ARRANGED
SECTION XD: JAN 12-MAY 8
SECTION XD IS OFF CAMPUS.
DELIVERY IS DVD

SPL TP PLAN LAW,ADM C R P 590A 1-3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING
SPL TOPC ECON DEVELO C R P 590B 1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN C R P 590C 1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUS&URB RV C R P 590D 1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPORT PL C R P 590I 1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INT'L PLAN C R P 590N 1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH C R P 590O 1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN C R P 590P 1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
COMMUNITY & REGIONAL PLANNING

SPECIAL TOPICS GIS  C R P 590R  1- 3 CR.
PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL LAW & PLAN  C R P 591  3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$30.00
2426005  TR 8:00-9:20
2426600  XD ARRANGED  REINER G
SECT XD: JAN 12-MAY 8
SECTION XD IS OFF CAMPUS.
DELIVERY IS DVD

SEMINAR GIS APP/RES  C R P 595  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 9 CREDITS IN GIS CERTIFICATE PROGRAM
5571005  M 12:10-1:00

PRO PLANNING REPORT  C R P 599  VAR. CR.
SATISFACTORY-FAIL ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  C R P 699  VAR. CR.
SATISFACTORY-FAIL ONLY.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY DEVELOPMENT

ORIENT CMUNITY DEVEL  C DEV 520X  1 CR.
8539600  XF ARRANGED
SECT XF: JAN 12-MARCH 15
FOR PERMISSION TO REGISTER CONTACT CARRIE BRUS
AT 515-294-1862 OR CBRUS@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XF IS OFF CAMPUS.
DELIVERY IS WWW

8539605  XH ARRANGED
SECT XH: JAN 12-MARCH 15
FOR PERMISSION TO REGISTER CONTACT CARRIE BRUS
AT 515-294-1862 OR CBRUS@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XH IS OFF CAMPUS.
DELIVERY IS WWW

CREATIVE COMPONENT  C DEV 599  VAR. CR.
2349500  XA ARRANGED
SECT XA: JAN 12-MAY 8
FOR PERMISSION TO REGISTER CONTACT CARRIE BRUS
AT 515-294-1862 OR CBRUS@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XA IS OFF CAMPUS.
DELIVERY IS INDEPENDENT STUDY

COMPLEX ADAPTIVE SYSTEMS
CMPLX ADAPTV SY SEM CAS 502 1 CR.
PREREQ: ADMISSION TO CAS MINOR
2996005 T 10:00-10:50

CPX ADAPTV SY TECHQ CAS 503 3 CR.
PREREQ: ADMISSION TO CAS MINOR OR RELATED FIELD
2998005 MWF 11:00-11:50

COMPUTER ENGINEERING

PRO PROG ORIENTATN CPR E 166 R CR.
COURSE RESTRICTED TO E E & CPR E MAJORS ONLY.
DISCUSSIONS WILL MEET EVERY OTHER WEEK.
2292005 1 T 1:10-2:00
2292010 2 T 3:10-4:00

INTRO PROBLM SOLV I CPR E 185 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN MATH 141
COURSE RESTRICTED TO E E & CPR E MAJORS ONLY
3878005 A MW 10:00-10:50
   R 4:10-6:00PM
3878010 B MW 10:00-10:50
   F 12:10-2:00

INTR PROBLM SOLV II CPR E 186 1 CR.
PREREQ: 185
6238005 A W 10:00-11:50
6238010 B W 12:10-2:00
6238015 C W 2:10-4:00

DIG LOGC,PROCPR,P I CPR E 281 4 CR.
PREREQ: SOPHOMORE CLASSIFICATION
7321005 A MWF 9:00-9:50
   T 6:10-8:00PM
   INSTRUCTOR PERMISSION REQUIRED; PROCESS
   APPROVED ADD SLIP IN 10 ALUMNI HALL
7321010 B MWF 9:00-9:50
   W 10:00-11:50
   INSTRUCTOR PERMISSION REQUIRED; PROCESS
   APPROVED ADD SLIP IN 10 ALUMNI HALL
7321015 C MWF 9:00-9:50
   W 12:10-2:00
   INSTRUCTOR PERMISSION REQUIRED; PROCESS
   APPROVED ADD SLIP IN 10 ALUMNI HALL
7321020 D MWF 9:00-9:50
   F 10:00-11:50
   INSTRUCTOR PERMISSION REQUIRED; PROCESS
   APPROVED ADD SLIP IN 10 ALUMNI HALL

EMBEDDE SYS I:INTRO CPR E 288 4 CR.
PREREQ: 281, COM S 207 OR 227
3364005 A TR 9:30-10:50
   T 4:10-6:00PM
3364010 B TR 9:30-10:50
   T 6:10-8:00PM
3364015 C TR 9:30-10:50
   F 10:00-11:50
3364020 D TR 9:30-10:50
   F 12:10-2:00
COMPUTER ENGINEERING

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

OPERAT SYS:PRIN&PRA  CPR E 308  4 CR.
PREREQ: 381, 310
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  2036005  A  MWF 9:00-9:50
  T 12:10-3:00
  2036010  B  MWF 9:00-9:50
  W 10:00-12:50
  2036015  C  MWF 9:00-9:50
  R 3:10-6:00PM

THEORET FOUND  CPR E 310  3 CR.
PREREQ: CREDIT OR ENRLMT IN CPR E 288, COM S 228
  9240005  A  TR 8:00-9:20

SFTWR ARCHITC&DSIGN  CPR E 339  3 CR.
PREREQ: S E 319
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  6834005  TR 12:40-2:00

TOYING WITH TECHNOL  CPR E 370  3 CR.
PREREQ: C I 201, JR STANDING IN NON-ENGINEERING MAJOR
  5941005  A  TR 1:10-3:00

CPTR ORG &ASMB PROG  CPR E 381  4 CR.
PREREQ: 281
  6769005  A  MWF 9:00-9:50
  T 3:10-5:00
  6769010  B  MWF 9:00-9:50
  R 2:10-4:00
  6769015  C  MWF 9:00-9:50
  F 12:10-2:00

ENGINEER INTERNSHIP  CPR E 397  R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
*******  SEE DEPT FOR REFERENCE NUMBERS

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

HI PERFRMN COMP&APP  CPR E 425  3 CR.
PREREQ: COM S 311, 330, ENGL 250, SP CM 212
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  7539005  TR 9:30-10:50
  T 2:10-3:00

INFO SYSTM SECURITY  CPR E 431  3 CR.
PREREQ: CREDIT OR ENRL IN CPR E 489 OR COM S 454
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  8650005  MWF 12:10-1:00

ANLOG VLSI CIRC DSN  CPR E 435  4 CR.
PREREQ: 330, E E 332, E E 324, AND EITHER E E 322 OR STAT 330
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  2330005  A  MWF 10:00-10:50
COMPUTER ENGINEERING

ANLOG VLSI CIRC DSN CPR E 435 4 CR.
2330010 B MWF 10:00-10:50
  W 6:10-9:00PM
2330015 C MWF 10:00-10:50
  F 12:10-3:00

DISTRB SYS&MIDDLWRE CPR E 450 3 CR.
PREREQ: 308 OR COM S 352
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8512005 TR 3:40-5:00
8512600 XE ARRANGED
  SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

DIST&NETWK OPER SYS CPR E 454 3 CR.
PREREQ: COM S 311, 352, ENGL 105, SP CM 212
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7291005 MW 2:10-3:30

MULTIDISC ENGR DSGN CPR E 466 3 CR.
PREREQ: STUDENT MUST BE WITHIN 2 SEMESTERS OF
GRADUATION. PERMISSION OF INSTRUCTOR
1899005 A T 3:10-4:00, ARRANGED
1899010 B R 3:10-4:00, ARRANGED

EMBEDDED SYS DESIGN CPR E 488 4 CR.
PREREQ: 381 OR COM S 321
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8156005 A TR 12:40-2:00
  W 3:10-6:00PM
8156010 B TR 12:40-2:00
  W 12:10-3:00
8156015 C TR 12:40-2:00
  R 4:10-7:00PM

CPTR NTWRK&DATA COM CPR E 489 4 CR.
PREREQ: 381 OR E E 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2771005 A TR 11:00-12:20
  T 4:10-6:00PM
2771010 B TR 11:00-12:20
  W 1:10-3:00
2771015 C TR 11:00-12:20
  F 11:00-12:50

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

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

SR DESGN PROJ I&PRO CPR E 491 3 CR.
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
COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR AND ABOVE
MATERIALS FEE $30.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
2765005 T 2:10-4:00, ARRANGED

SR DESIGN PROJCT II CPR E 492 2 CR.
PREREQ: 491
COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR AND ABOVE
MATERIALS FEE $30.00
1659002 R 2:10-3:00, ARRANGED

PORTFOLIO ASSESSMNT CPR E 494 R CR.
PREREQ: CREDIT OR ENROLLMENT IN 491
COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR AND ABOVE
2279005 A W 2:10-3:00
2279010 B W 1:10-2:00
2279015 C R 3:10-4:00
2279020 D R 4:10-5:00

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

DATA CONVR CIRCUITS CPR E 505 4 CR.
PREREQ: 501
3301005 A TR 11:00-12:20
ARRANGED

VLSI COMMUNIC CIRCT CPR E 507 3 CR.
PREREQ: 330 OR 501
7990005 TR 2:10-3:30

NUM ANALY HI-P COMP CPR E 525 3 CR.
PREREQ: 308, OR ONE OF MATH 471,481; EXPERIENCE IN SCIENTIFIC PROGRAMMING; KNOWLEDG OF FORTRAN OR C
1368005 TR 11:00-12:20

ADV PROTCL&NT SECUR CPR E 530 3 CR.
PREREQ: 381
2777600 XE ARRANGED JACOBSON D
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INFORMATION WARFARE CPR E 532 3 CR.
PREREQ: 531
2989005 TR 8:00-9:20
2989600 XE ARRANGED JACOBSON D
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.

COMPUTER ENGINEERING

INFORMATION WARFARE CPR E 532 3 CR.
DELIVERY IS VIDEOSTREAMING

CRYPTOGRAPHY CPR E 533 3 CR.
PREREQ: MATH 301 OR CPR E 310 OR COM S 330
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
6193005 MWF 1:10-2:00
6193600 XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INFO ASSUR LEGAL&ET CPR E 534 3 CR.
PREREQ: GRADUATE CLASSIFICATION, 531
RESTRICTED TO E CPE, COM S, INFAS, LOMIS GRAD STUDENTS ONLY
2620005 AM 6:10-9:00PM
2620600 XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

STEGANOGRPH&WTRMARK CPR E 535 3 CR.
PREREQ: 533 OR CPR E 531 OR E E 524
8510005 TR 9:30-10:50
8510600 XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

WIRELESS NTWK SECUR CPR E 537 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 489 OR 530
6961005 AM 10:00-10:50
6961600 XE ARRANGED ANDERSON B
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

FAULT-TOLERANT SYST CPR E 545 3 CR.
PREREQ: 381
1079005 TR 12:40-2:00
1079600 XE ARRANGED GOVINDARASU M
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING
## COMPUTER ENGINEERING

### WIRELESS SENSOR NET CPR E 546 3 CR.
- Prereq: 489 or 530
- 8653005 MWF 9:00-9:50

### ADV ALGTHM COMP BIO CPR E 549 3 CR.
- Prereq: COM S 311; COM S 228 or COM S 208
- 7988005 ARRANGED

### DISTRB SYS&MIDDLWRE CPR E 550 3 CR.
- Prereq: 308 or COM S 352
- 8515005 TR 3:40-5:00
- 8515600 XE ARRANGED GUAN Y
- Sect XE: JAN 12-MAY 8
- Delivery fee $190.00 per credit hour. Course for distance students only. All others please contact EDE at 515-294-7470 or BNELSON@IASTATE.EDU for permission to register.
- Section XE is off campus.
- Delivery is videostreaming

### DIST&NETWK OPER SYS CPR E 554 3 CR.
- Prereq: COM S 311, 352
- 7292005 MW 2:10-3:30

### SCALABLE SFTWR ENGR CPR E 556 3 CR.
- Prereq: COM S 309
- 1134005 ARRANGED
- 1134600 XE ARRANGED KOTHARI S
- Sect XE: JAN 12-MAY 8
- Delivery fee $190.00 per credit hour. Course for distance students only. All others please contact EDE at 515-294-7470 or BNELSON@IASTATE.EDU for permission to register.
- Section XE is off campus.
- Delivery is videostreaming

### CMPTR GRPH&GEOM MOD CPR E 557 3 CR.
- Prereq: M E 421, Programming experience in C
- 2985005 TR 12:40-2:00

### SYN & OPT DIGTL CIR CPR E 564 3 CR.
- Prereq: 381
- 3672005 MWF 2:10-3:00

### PHYS DSIGN VLSI SYS CPR E 566 3 CR.
- Prereq: 465
- 9270005 MWF 11:00-11:50

### BIOINFORMATICS IV CPR E 570 3 CR.
- Prereq: BCB 567, BIOL 315, COM S 363, GEN 411,
  STAT 401, STAT 432
- 3471005 TR 12:40-2:00

### CPR SYS PERFORMANCE CPR E 582 3 CR.
- Prereq: 381, 310 and STAT 330
- 2779005 MW 4:10-5:30

### EMBEDDED CMPTR SYST CPR E 588 3 CR.
- Prereq: 308
- Restricted to E CPE, COM S, Grad students only
- 2783005 A TR 11:00-12:20
- 2783600 XE ARRANGED ZAMBRENO J
- Sect XE: JAN 12-MAY 8
- Delivery fee $190.00 per credit hour. Course for
COMPUTER ENGINEERING

EMBEDDED CMPT SYST CPR E 588 3 CR.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

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

SEMINAR CMPTR ENGR CPR E 592 1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
RESTRICTED TO E CPE, E E, COM S, AND INFAS
GRAD STUDENTS
3546005 AS ARRANGED
3546010 SK ARRANGED
3546015 YG ARRANGED

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

PARALL ALGORITHM&SCI CPR E 626 3 CR.
PREREQ: 526
1135005 MWF 10:00-10:50

INFAS CAPSTONE DSGN CPR E 632X 3 CR.
8104005 ARRANGED

ADV TOP CMPTR ARCH CPR E 681 3 CR.
PREREQ: 581
2453005 MWF 2:10-3:00
2453600 XE ARRANGED TYAGI A
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

ENGINEERING INTERNSHIP CPR E 697 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPT CHAIR, GRAD CLASSIFICATION
COURSE REQUIRES PERMISSION OF THE MANAGER OF
STUDENT SERVICES.
7420005 ARRANGED THORLAND-OSTER V
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

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

COMPUTER SCIENCE

ORIENTATION COM S 101 R CR.
SATISFACTORY-FAIL ONLY.
2672005 T 12:40-2:00 CAIN G
JAN 12-MARCH 6

COMPUTER APPLICATIONS COM S 103 4 CR.
SEC 1-20 FOR ALL BUSINESS COLLEGE MAJORS.
SEC 1-15 FOR MAJORS OTHER THAN COM S, P CS, &
BUSINESS COLLEGE. 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.

2673005  1 ARRANGED   CHANG S
ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 1 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 12, 10:00-10:50 IN 0109 PEARSON HALL.
<table>
<thead>
<tr>
<th>Section</th>
<th>Arranged</th>
<th>Attendance at the Orientation Session for Sec</th>
<th>IS Required. It will be held</th>
<th>Monday, January 12,</th>
<th>0109 Pearson Hall.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2673010</td>
<td>2</td>
<td>Attendance at the Orientation Session for Sec 2</td>
<td>12:10-1:00 in 0109 Pearson Hall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2673015</td>
<td>3</td>
<td>Attendance at the Orientation Session for Sec 3</td>
<td>3:10-4:00 in 0109 Pearson Hall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2673020</td>
<td>4</td>
<td>Attendance at the Orientation Session for Sec 4</td>
<td>5:10-6:00 in 0109 Pearson Hall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2673025</td>
<td>5</td>
<td>Attendance at the Orientation Session for Sec 5</td>
<td>6:00-6:50 in 0109 Pearson Hall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2673030</td>
<td>6</td>
<td>Attendance at the Orientation Session for Sec 6</td>
<td>9:00-9:50 in 0109 Pearson Hall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2673035</td>
<td>7</td>
<td>Attendance at the Orientation Session for Sec 7</td>
<td>12:10-1:00 in 0109 Pearson Hall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2673040</td>
<td>8</td>
<td>Attendance at the Orientation Session for Sec 8</td>
<td>3:10-4:00 in 0109 Pearson Hall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2673045</td>
<td>9</td>
<td>Attendance at the Orientation Session for Sec 9</td>
<td>5:10-6:00 in 0109 Pearson Hall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2673050</td>
<td>10</td>
<td>Attendance at the Orientation Session for Sec 10</td>
<td>6:10-7:00 in 0109 Pearson Hall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2673055</td>
<td>11</td>
<td>Attendance at the Orientation Session for Sec 11</td>
<td>9:00-9:50 in 0109 Pearson Hall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2673060</td>
<td>12</td>
<td>Attendance at the Orientation Session for Sec 12</td>
<td>12:10-1:00 in 0109 Pearson Hall.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 13
IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 14,
2:10-3:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 14
IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 14,
5:10-6:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 15
IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 14,
6:10-7:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 16
IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 15,
10:00-10:50 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 17
IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 15,
12:10-1:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 18
IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 15,
3:10-4:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 19
IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 15,
5:10-6:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 20
IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 15,
6:10-7:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 21
IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 16,
10:00-10:50 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 22
IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 16,
12:10-1:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 23
IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 16,
2:10-3:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht
COMPUTER SCIENCE

COMPUTER APPLICATNS   COM S 103      4 CR.
2673120  24 ARRANGED
ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 24
IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 16
5:10-6:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

2673125  25 ARRANGED
ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 25
IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 16
6:10-7:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs103hom/index.ht

APP COMPUTER PROGRM   COM S 107      3 CR.
2674005     ARRANGED
DELIVERY IS WWW
SECTION INFO: http://www.cs.iastate.edu/~cs107

COBOL PROGRAMMING     COM S 201      3 CR.
PREREQ: 107 OR 207 OR 227
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
ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 1
IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 15.
2:10-3:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW

2675010   2 ARRANGED
ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 2
IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 16.
4:10-5:00 IN 0109 PEARSON HALL.
DELIVERY IS WWW

CAREERS IN COM SCI    COM S 203      R CR.
SATISFACTORY-FAIL ONLY.
COURSE RESTRICTED TO P CS, COM S MAJORS ONLY
2682005     R 12:40-2:00
JAN 12-MARCH 6

PROGRAMMING I         COM S 207      3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: MATH 150 OR PLACEMENT INTO MATH
140/141/142 OR HIGHER
CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION.
9235005     1 MWF 12:10-1:00
W 3:10-4:00
9235010   2 MWF 12:10-1:00
W 4:10-5:00
9235015   3 MWF 12:10-1:00
W 2:10-3:00
9235020   4 MWF 12:10-1:00
T 2:10-3:00

PROGRAMMING II        COM S 208      3 CR.
PREREQ: 207, CREDIT OR ENROLLMENT IN MATH
151, 160, OR 165
CREDIT FOR COM S 208 MAY NOT BE APPLIED TO
THE MAJOR
9236005   1 MWF 1:10-2:00
W 2:10-3:00
COMPUTER SCIENCE

INTR OBJT ORIEN PRG   COM S 227    4 CR.
NIGHT EXAMINATIONS SCHEDULED.
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.
9237100   A MWF 9:00-9:50
9237105   B MWF 10:00-10:50
9237110   C MWF 11:00-11:50
9237005   1 T 10:00-11:50
9237010   2 T 12:10-2:00
9237015   3 W 8:00-9:50
9237020   4 T 2:10-4:00
9237025   5 R 12:10-2:00
9237030   6 W 2:10-4:00
9237035   7 W 4:10-6:00 PM
9237040   8 M 2:10-4:00
9237045   9 W 10:00-11:50
9237050   10 R 10:00-11:50
9237055   11 R 2:10-4:00
9237060   12 M 12:10-2:00

INTRO DATA STRUCTUR   COM S 228    3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: C- OR BETTER IN 227, CREDIT OR ENROLLMENT
IN MATH 165
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.
9238100   A MWF 11:00-11:50
9238105   B MWF 2:10-3:00
9238005   1 R 10:00-10:50
9238010   2 R 2:10-3:00
9238015   3 R 1:10-2:00
9238020   4 R 4:10-5:00
9238025   5 R 9:00-9:50
9238030   6 R 12:10-1:00

ADV PROGRAMMG TCHNQ   COM S 229    3 CR.
PREREQ: 228, CREDIT OR ENROLLMENT IN MATH 166
2454005   1 TR 11:00-12:20

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

INDEP STUDY HONORS   COM S 290H   VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: INSTR PERMISSION, HONORS PROG MEMBERSHIP
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
ONLY.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2681005   ARRANGED
COMPUTER SCIENCE

SOFTWARE DEVELOPMENT PRACTICES  COM S 309  3 CR.
PREREQ: 228 WITH C- OR BETTER, 229 OR CPR E 211, ENGL 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
   4438005  1 TR 9:30-10:50
   T 11:00-11:50
   4438010  2 TR 9:30-10:50
   T 11:10-2:00

DATA & ANALYSIS ALGORITHMS  COM S 311  3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 228 WITH C- OR BETTER, 229 OR CPR E 211, MATH 166, ENGL 250, AND COM S 330 OR CPR E 310
CREDIT FOR EITHER COM S 311 OR COM S 381, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
   2683100  A MWF 1:10-2:00
   2683005  1 T 10:00-10:50

INTRODUCTION TO COMPUTER ARCHITECTURE  COM S 321  3 CR.
PREREQ: 229, CPR E 210 AND ENGL 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
   2684005  1 MWF 10:00-10:50
   R 12:10-1:00
   2684010  2 MWF 10:00-10:50
   T 1:10-2:00

DISCRETE COMPUTER STRUCTURES  COM S 330  3 CR.
PREREQ: 229, MATH 166 AND ENGL 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
   2685005  1 MWF 1:10-2:00
   R 10:00-10:50
   2685010  2 MWF 1:10-2:00
   R 2:10-3:00

THEORY OF COMPUTING  COM S 331  3 CR.
PREREQ: 228, 229, 330 OR CPR E 310, MATH 166, ENGL 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
   2686005  1 MWF 8:00-8:50
   T 9:00-9:50
   2686010  2 MWF 8:00-8:50
   T 1:10-2:00

PRINCIPLES OF PROGRAMMING LANGUAGES  COM S 342  3 CR.
PREREQ: 321; 330 OR CPR E 310; EITHER 309, 362 OR 363; ENGL 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
   2687005  1 TR 2:10-3:30
   W 9:00-9:50
   2687015  2 TR 2:10-3:30
   W 4:10-5:00

NUMBER THEORY  COM S 350  3 CR.
PREREQ: MATH 307 OR 317
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
   5790005  MWF 1:10-2:00

INTRODUCTION TO OPERATING SYSTEMS  COM S 352  3 CR.
PREREQ: 321, 362 OR 363, ENGL 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
   2688005  1 MWF 2:10-3:00
   R 1:10-2:00
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<tr>
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<td>OBJECT-ORIENTED ANALYSIS</td>
<td>COM S 362</td>
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<td>PREREQ: 228 WITH C- OR BETTER, ENGL 250</td>
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<td>AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
<td>2622005</td>
<td>MWF 11:00-11:50</td>
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<td>DATABASE MANAGEMENT SYSTEMS</td>
<td>COM S 363</td>
<td>3 CR.</td>
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<td>PREREQ: 228 WITH C- OR BETTER, ENGL 250</td>
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<td>2689005</td>
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<tr>
<td>COOPERATIVE EDUCATION</td>
<td>COM S 398</td>
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<td>PREREQ: PERMISSION OF DEPARTMENT CHAIR</td>
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<tr>
<td>SOFTWARE TESTING</td>
<td>COM S 417</td>
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<td>PREREQ: 309, 319, ENGL 250, SP CM 212</td>
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<td>AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
<td>2612005</td>
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<tr>
<td>LOGIC, MATH &amp; COMPUTER SCIENCE</td>
<td>COM S 421</td>
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<td>PREREQ: MATH 301 OR 307 OR 317 OR COM S 330</td>
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<td>AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
<td>2624005</td>
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<tr>
<td>HIGH PERFORMANCE COMPUTER &amp; APPLICATION</td>
<td>COM S 425</td>
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<td>PREREQ: 311, 330, ENGL 250, SP CM 212</td>
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<td>AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
<td>2294005</td>
<td>TR 9:30-10:50</td>
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<td>T 2:10-3:00</td>
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<tr>
<td>MODELING NANO SCIENTIFIC ASSEMBLY</td>
<td>COM S 433X</td>
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<td>PREREQ: 331 OR CONSENT OF INSTRUCTOR</td>
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<td>PRINCIPLES &amp; PRACTICE COMPILERS</td>
<td>COM S 440</td>
<td>3 CR.</td>
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<td>PREREQ: 331, 342, ENGL 250, SP CM 212</td>
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<td>AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
<td>2696005</td>
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<td>W 2:10-3:00</td>
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<tr>
<td>DISTRIBUTION &amp; NETWORK OPERATING SYSTEM</td>
<td>COM S 454</td>
<td>3 CR.</td>
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<td>PREREQ: 311, 332, ENGL 250, SP CM 212</td>
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<td>AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
<td>2696005</td>
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<td>COMPUTER LINEAR ALGEBRA &amp; FIXED POINT</td>
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<td>PREREQ: MATH 265 AND EITHER MATH 266 OR 267; KNOWLEDGE OF A PROGRAMMING LANGUAGE</td>
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<td>AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
<td>2698005</td>
<td>TR 9:30-10:50</td>
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<td>NUMERICAL SOLUTION OF DIFFERENTIAL EQUATIONS</td>
<td>COM S 481</td>
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<td>PREREQ: MATH 265 AND EITHER 266 OR 267; KNOWLEDGE OF A PROGRAMMING LANGUAGE</td>
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<td>AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
<td>2699005</td>
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<tr>
<td>FUNDAMENTALS OF COMPUTER NETWORKING</td>
<td>COM S 486</td>
<td>3 CR.</td>
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<td>PREREQ: 352</td>
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<td>AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
<td>5060005</td>
<td>TR 2:10-3:30</td>
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</tbody>
</table>
COMPUTER SCIENCE

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

INDEP STUDY HONORS       COM S 490H  VAR.  CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 6 CREDITS IN COM S, PERMISSION OF
INSTRUCTOR, MEMBERSHIP IN HONORS PROGRAM
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; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

CMPLX ADAPTV SY SEM       COM S 502  1 CR.
PREREQ: ADMISSION TO CAS MINOR
2643005     T 10:00-10:50

CPX ADAPTV SY TECHQ       COM S 503  3 CR.
PREREQ: ADMISSION TO CAS MINOR OR RELATED FIELD
2654005     MWF 11:00-11:50

MTH SOFTWRE ENGINRG       COM S 512  3 CR.
PREREQ: 311, 330
2707005     MWF 2:10-3:00

NUM ANALY HI-P COMP       COM S 525  3 CR.
PREREQ: CPR E 308, OR ONE OF MATH 471, 481;
EXPERIENCE IN SCIENTIFIC PROGRAMMING; KNOWLEDGE
OF FORTRAN OR C
2049005     TR 11:00-12:20

THEORY OF COMPUTATN       COM S 531  3 CR.
PREREQ: 331
2709005     MWF 11:00-11:50

MODL NANO SLF-ASSMB       COM S 533X  3 CR.
PREREQ: 331 OR CONSENT OF INSTRUCTOR
8241005     MWF 10:00-10:50

PRIN&PRACTC COMPILI       COM S 540  3 CR.
7181005     TR 11:00-12:20
W 2:10-3:00

ADV ALGTHM COMP BIO       COM S 549  3 CR.
PREREQ: 311; 228 OR 208
7989005     ARRANGED

DIST&NETWK OPER SYS       COM S 554  3 CR.
PREREQ: 311, 352
2714005     MW 2:10-3:30

PRIN DATABASE SYST        COM S 561  3 CR.
PREREQ: 311, 363
2715010    1 MW 4:10-5:30
BIOINFORMATICS II  COM S 568      3 CR.
PREREQ: 567, BBMB 301, BIOL 315, STAT 401,
STAT 432, CREDIT OR ENROLLMENT IN GEN 411
3310005     TR 9:30-10:50

BIOINFORMATICS IV   COM S 570      3 CR.
PREREQ: 567, BIOL 315, COM S 363, GEN 411,
STAT 401, STAT 432
3313005     TR 12:40-2:00

MACHINE LEARNING   COM S 573      3 CR.
PREREQ: 311, 362, STAT 330
2660005     MWF 10:00-10:50

COMPUTATIONAL PERCEPTION  COM S 575X     3 CR.
PREREQ: GRADUATE OR ADVANCED UNDERGRADUATE
STANDING OR PERMISSION OF INSTRUCTOR. PROGRAMMING
SKILLS AND PREVIOUS EXPOSURE TO PROBABILITY AND
LINEAR ALGEBRA CLASSES IS HIGHLY RECOMMENDED.
3246005     MW 2:10-3:30

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

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

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

ADV TOP ANALYS ALGOR  COM S 611      3 CR.
PREREQ: 511, 531
8204005     ARRANGED

PARALL ALGORITHMS & SCI  COM S 626      3 CR.
PREREQ: CPR E 526
8130005     MWF 10:00-10:50

THEORY GAMES, UNCERT  COM S 634      3 CR.
PREREQ: 330
8149005     ARRANGED

ADV TOP COMPUTR ARCH  COM S 681      3 CR.
PREREQ: 581
COURSE RESTRICTED TO COM S MAJORS ONLY
7901005     MWF 2:10-3:00

ADV TP HISP SPEED NETW  COM S 686      3 CR.
PREREQ: 586
1743005     ARRANGED

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

LEARNING COMMUNITY  CON E 120   1 CR.
5751005   1 R 4:10-6:00PM
   SEC 1 RESTRICTED TO FRESHMAN ONLY.
5751010   2 R 4:10-6:00PM
   SEC 2 RESTRICTED TO TRANSFER STUDENTS ONLY.

CONTRACTR ORG & MGT   CON E 221   4 CR.
PREREQ: COMPLETION OF BASIC PROGRAM & ENGR 170
2736005   1 MTWR 11:00-11:50
   SEC 1 RESTRICTED TO CON E MAJORS ONLY
2736010   2 MTWR 11:00-11:50
   SEC 2 FOR MAJORS OTHER THAN CON E

CONSTR MATLS&METHDS   CON E 241   3 CR.
PREREQ: 221
COURSE RESTRICTED TO CON E MAJORS ONLY
MATERIALS AND FIELD TRIPS & TRAVEL FEE $10.00-$50.00
2730005   1 MW 12:10-1:00
   R 8:00-10:50

MECH/ELEC MTRLS&MTH   CON E 251   1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 241
MATERIALS AND FIELD TRIPS & TRAVEL FEE $10.00-$50.00
2377005   1 T 3:10-6:00PM

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

CON EQUIP&HVY C MTH   CON E 322   3 CR.
PREREQ: 241
MATERIALS AND FIELD TRIPS & TRAVEL FEE $10.00-$50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2737005   1 MW 2:10-3:00
   R 12:10-3:00

CONCRET&STEEL CONST   CON E 340   3 CR.
PREREQ: E M 324, CREDIT OR ENROLLMNT IN CON E 322
MATERIALS FEE $10.00-$50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2741005   1 MW 9:00-9:50
   T 8:00-10:50
2741010   2 MW 9:00-9:50
   T 8:00-10:50

MECHNCL&ELECTR SYST   CON E 351   3 CR.
PREREQ: 251, PHYS 222
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3147005   1 MWF 10:00-10:50

ENGINEERING LAW       CON E 380   3 CR.
PREREQ: JUNIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5102600   XE ARRANGED   STRONG K
   SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
   DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
   EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
   PERMISSION TO REGISTER.
   SECTION XE IS OFF CAMPUS.
   DELIVERY IS VIDEO STREAMING
CONSTRUCTION ENGINEERING

ENGR INTERNSHIP  CON E 397  R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

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

CONSTRUCT ESTIMATING  CON E 421  3 CR.
PREREQ: 241, JUNIOR CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $10.00-$50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2734005  1 MW 3:10-4:00
T 12:10-3:00
2734010  2 MW 3:10-4:00
T 12:10-3:00

CON PLAN, SCHED, CNTL  CON E 441  3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 421
MATERIALS AND FIELD TRIPS & TRAVEL FEE $10.00-$60.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2742005  1 MW 11:00-11:50
R 10:00-11:50

CONSTRUC DESIGN I  CON E 487  2 CR.
PREREQ: 340, 351, 421, 441. STUDENT MUST BE
WITHIN TWO SEMESTERS OF GRADUATING.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $20.00-$50.00
7639005  1 M 12:10-1:00
T 3:10-5:00
7639010  2 M 12:10-1:00
T 10:00-11:50

CON ENGR DESIGN II  CON E 488  3 CR.
PREREQ: 351, 380. CONCURRENT ENROLLMENT IN 487 REQUIRED.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $20.00-$50.00
7524005  1 M 9:00-9:50
MWF 10:00-11:50
7524010  2 M 9:00-9:50
MWF 10:00-11:50

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

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

CRIMINAL JUSTICE STUDIES

AMER JUDICIAL PROC  CJ ST 320  3 CR.
PREREQ: POL S 215
2577005  A TR 2:10-3:30  WAGGNER K
SEC A RESTRICTED TO POL S MAJORS ONLY.
2577010  B TR 2:10-3:30  WAGGONER K
SEC B FOR MAJORS OTHER THAN POL S.
CRIMINAL JUSTICE STUDIES

PHILOSOPHY OF LAW CJ ST 332 3 CR.
PREREQ: PHIL 201 OR 230
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2578005 MWF 11:00-11:50

DEVIAN'T & CRIM BEHAV CJ ST 340 3 CR.
PREREQ: SOC 130 OR 134
2579005 A TR 12:40-2:00

CRIMINOLOGY CJ ST 341 3 CR.
PREREQ: SOC 130 OR 134
3175005 A MWF 10:00-10:50

POLICE AND SOCIETY CJ ST 351 3 CR.
PREREQ: 240 OR 241
7751005 T 5:10-8:00PM

WHITE-COLLAR CRIME CJ ST 402 3 CR.
PREREQ: 240 OR 241
8482005 A MWF 11:00-11:50

CRIMINAL OFFENDERS CJ ST 403X 3 CR.
PREREQ: 240 OR 241
3805005 TR 9:30-10:50

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

CURRICULUM & INSTRUCTION

INTR INSTR TEC PK-6 C I 201 3 CR.
MATERIALS AND EQUIPMENT USE FEE $20.00
3015005 1 TR 11:00-11:50
M 10:00-11:50
SECT 1 RESTRICTED TO EL ED MAJORS ONLY
3015010 2 TR 11:00-11:50
M 12:10-2:00
SECT 2 RESTRICTED TO EL ED MAJORS ONLY
3015015 3 TR 11:00-11:50
W 12:10-2:00
SECT 3 RESTRICTED TO EL ED MAJORS ONLY
3015020 4 TR 11:00-11:50
T 12:10-2:00
SECT 4 RESTRICTED TO EL ED MAJORS ONLY
3015025 5 TR 11:00-11:50
W 10:00-11:50
SECT 5 RESTRICTED TO ECE MAJORS ONLY
3015030 6 TR 11:00-11:50
R 12:10-2:00
SECT 6 RESTRICTED TO EL ED MAJORS ONLY

INTR INSTR TEC 7-12 C I 202 3 CR.
COURSE RESTRICTED TO SECED MAJORS ONLY
MATERIALS AND EQUIPMENT USE FEE $20.00
2464005 1 TR 2:10-3:00
M 12:10-2:00
2464010 2 TR 2:10-3:00
CURRICULUM & INSTRUCTION

INTR INSTR TEC 7-12  C I   202      3 CR.
2464020   4 TR 2:10-3:00
            T 12:10-2:00

SOC FOUND AMER EDUC  C I   204      3 CR.
6278005   1 TR 8:00-9:20
6278010   2 TR 9:30-10:50
6278015   3 TR 11:00-12:20
6278020   4 TR 12:40-2:00
6278025   5 MW 4:30-5:50

ERLY CHLDHD ED ORIE  C I   208      R CR.
SATISFACTORY-FAIL ONLY.
4389005     W 3:10-4:00

SOPH ORIENTATION  C I   215      R CR.
SATISFACTORY-FAIL ONLY.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3236005   1 W 3:10-4:00

ORIENT TCH ED SECDY  C I   219      R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: STUDENTS SEEKING TEACHER LICENSURE IN
MATH, SCIENCE OR SOCIAL STUDIES IN GRADES 7-12
1863005   1 W 12:10-1:00

STRATEGIES IN TCHNG  C I   245      2 CR.
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
COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
3238005   1 W 3:10-5:00

STRATEGIES PRACTIM  C I   268      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 204
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3240005   1 F 8:00-9:50
3240010   2 F 10:00-11:50
3240015   3 F 1:10-3:00
3240020   4 F 3:10-5:00

EXPRNC TEACHER AIDE  C I   280A 1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 280A MAY BE TAKEN ALONE
STUDENTS MUST RESERVE ONE MORNING OR
ONE AFTERNOON PER WEEK PER CREDIT FOR SITE VISIT.
MATERIALS AND PROFESSIONAL SUPPORT FEE $8.00-$16.00
6279005   1 W 1:10-2:00
6279010   2 F 10:00-10:50

EXP EDUCNLM CMPTNG  C I   280B 1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A,
TWO CREDITS BY PERMISSION ONLY
MATERIALS AND PROFESSIONAL SUPPORT FEE $8.00-$16.00
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6280005   ARRANGED
EXP TUTOR NATIVE AM  C I  280C  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A
MATERIALS AND PROFESSIONAL SUPPORT FEE $8.00
COLLEGE PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6281005     ARRANGED

EXP MUSEUM EDUCATN  C I  280D  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A
MATERIALS AND PROFESSIONAL SUPPORT FEE $8.00
6282005     ARRANGED

EXP INTERNTNL STDNT  C I  280F  1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A,
PERMISSION OF INSTRUCTOR REQUIRED
MATERIALS AND PROFESSIONAL SUPPORT FEE  $8.00-$16.00
6284005     ARRANGED

EARLY FIELD EXPERNC  C I  280L  .5 CR.
SATISFACTORY-FAIL ONLY.
MUST RESERVE ONE MORNING OR ONE AFTERNOON
PER WEEK FOR SITE VISITS.
2843005     1 T 11:00-11:50
ARRANGED

EXP SECONDRY SCIENC  C I  280M  1- 2 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS AND PROFESSIONAL SUPPORT FEE  $8.00-$16.00
8266005     MW 8:00-9:30, ARRANGED

ADV INTEGRAT TECHNL  C I  302  3 CR.
PREREQ: 201, 245, 268
6289005     1 W 5:30-8:30PM

TRANSFR ORIENTATION  C I  315  R CR.
SATISFACTORY-FAIL ONLY.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3250005     1 M 12:10-1:00

ED PSYCH YNG LEARNR  C I  332  3 CR.
PREREQ: 201, PSYCH 230 OR HD FS 102, OPEN ONLY TO
MAJORS IN EARLY CHILDHOOD ED OR EL ED
COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY.
2635005     W 6:10-9:00PM

EDUCATIONAL PSYCHOL  C I  333  3 CR.
PREREQ: 201, PSYCH 230 OR HD FS 102, APPLICATION
TO THE TEACHER EDUC PROGRAM OR MAJOR IN PSYCHOLOGY
COURSE RESTRICTED TO PSYCH, SEC ED MAJORS
6084005     T 6:10-9:00PM

RDG&LANG ARTS K-3RD  C I  377  4 CR.
PREREQ: C I 245, SP ED 250, HD FS 240, HD FS 226
(EL ED MAJORS) OR 221 (ECE MAJORS); CONCURRENT ENR IN
448, 468A, 468C (EL ED MAJORS) OR 468F, SP ED 368,
HD FS 343 (ECE MAJORS), ADMISSN TO TEACHER ED PROGRAM
FOR ECE MAJORS, THE CONCURRENT ENROLLMENT REQUIREMENTS ARE SP ED 368 AND CI 468F. EL ED MAJORS MUST REGISTER FOR THE SAME SECTION NUMBER.

CURRICULUM & INSTRUCTION

OF 448, 468A, 468B. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
2066005 1 MW 9:00-11:30
NO MEETINGS MARCH 23-APRIL 17. SECTION 1
RESTRICTED TO EL ED STUDENTS ONLY.
2066010 2 MW 12:10-2:40
NO MEETINGS MARCH 23-APRIL 17. SECTION 2
RESTRICTED TO EL ED STUDENTS ONLY.
2066015 3 MW 9:00-11:30
NO MEETINGS MARCH 23-APRIL 17. SECTION 3
RESTRICTED ECE STUDENTS ONLY.

RDG&LANG ARTS 4TH-6 C I 378 4 CR.
PREREQ: 377; CONCURRENT ENRLMT IN 449, 468B, 468D
MUST ENROLL IN SAME SECTION NUMBER OF 449.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
2078005 1 TR 2:10-4:40
NO MEETINGS FEB 16-MARCH 13
2078010 2 TR 8:00-10:30
NO MEETINGS FEB 16-MARCH 13
2078015 3 TR 11:00-1:30
NO MEETINGS FEB 16-MARCH 13

MIDL SCHL STD GRWTH C I 401 3 CR.
PREREQ: PSYCH 230
2465005 TR 4:10-6:30PM

MULTICULTURAL EDUC C I 406 3 CR.
PREREQ: 201, 332 OR 333, JUNIOR CLASSIFICATION,
ADMISSION TO TEACHER EDUCATION PROGRAM
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
MEETS U.S. DIVERSITY REQMT.
6292005 1 MW 9:00-10:20
6292010 2 MW 12:10-1:30
6292015 3 TR 3:40-5:00
6292020 4 TR 9:30-10:50
6292025 5 TR 11:00-12:20

SENIOR SEMINAR C I 415 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, ADMITTED TO TEACHER EDUCATION PROGRAM, CONCURRENT ENROLLMENT IN 426
MUST TAKE CONCURRENTLY WITH 426 OR 526
6290005 A ARRANGED

STUDNT TCHG PRIMARY C I 416A VAR. CR.
PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION; 201, 378, 443, 448, 449; RESERVATION REQUIRED
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$328.00
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5054005 ARRANGED

STUDENT TCHG INTMEDIAT C I 416B VAR. CR.
PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION; 201, 378, 443, 448, 449; RESERVATION REQUIRED
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $20.50-$328.00
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
CURRICULUM & INSTRUCTION

APPROVED ADD SLIP IN 10 ALUMNI HALL
5056005
ARRANGED

STDNT TCHG FOR LANG  C I  416C VAR. CR.
PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION; 201, 378, 443, 448, 449; RESERVATION REQUIRED
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$328.00
5057005
ARRANGED

STDNT TCHG INT'L K-3  C I  416D VAR. CR.
PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION; 201, 378, 443, 448, 449; RESERVATION REQUIRED
5053005
ARRANGED
MARCH 9-MAY 8
5053800
IT ARRANGED  NIEDERHAUSER D
SECT IT:MARCH 9-MAY 6
SEC IT TAUGHT IN ITALY. STUDENT TEACHING EXPERIENCE. OFFERED FOR 8 CREDITS.
5053805
MX ARRANGED ROSENBUSCH M
SECT MX:MARCH 9-MAY 6
SEC MX TAUGHT IN MEXICO 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS
5053810
NO ARRANGED MUNSEN S
SECT NO:MARCH 9-MAY 6
SEC NO TAUGHT IN NORWAY 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS
5053815
NZ ARRANGED PIERCE A
SECT NZ:MARCH 9-MAY 6
SEC NZ TAUGHT IN NEW ZEALAND 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS
5053820
PR ARRANGED MCSHAY J
SECT PR:MARCH 9-MAY 6
SEC PR TAUGHT IN PUERTO RICO. 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS
5053825
SP ARRANGED ROSENBUSCH M
SECT SP:MARCH 9-MAY 6
SEC SP TAUGHT IN SPAIN 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS

INT'L STDNT TCHG 4-6  C I  416E VAR. CR.
PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION; 201, 378, 443, 448, 449; RESERVATION REQUIRED
6824005
ARRANGED
MARCH 9-MAY 8
6824800
IT ARRANGED  NIEDERHAUSER D
SECT IT:MARCH 9-MAY 6
SEC IT TAUGHT IN ITALY. STUDENT TEACHING EXPERIENCE. OFFERED FOR 8 CREDITS.
6824805
MX ARRANGED ROSENBUSCH M
SECT MX:MARCH 9-MAY 6
SEC MX TAUGHT IN MEXICO 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS
6824810
NO ARRANGED MUNSEN S
SECT NO:MARCH 9-MAY 6
SEC NO TAUGHT IN NORWAY 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS
6824815
NZ ARRANGED PIERCE A
SECT NZ:MARCH 9-MAY 6
SEC NZ TAUGHT IN NEW ZEALAND 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS
6824820
PR ARRANGED MCSHAY J
CURRICULUM & INSTRUCTION

INT'L STDT TCHG 4-6 C I 416E VAR. CR.
SEC FR TAUGHT IN PUERTO RICO. 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS.
6824825 SP ARRANGED ROSENBUSCH M
SEC SP:MARCH 9-MAY 6
SEC SP TAUGHT IN SPAIN 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS

STUDNT TCH SOC STDI C I 417A VAR. CR.
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
OFFERED FOR 14 CREDITS SPRING 2010.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$328.00
8046005 1 ARRANGED
SECT 1:JAN 12-APRIL 24
SEC 1 OFFERED FOR 12 CREDITS
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.

8046010 2 ARRANGED
SECT 2:FEB 9-MAY 8
SEC 2 OFFERED FOR 12 CREDITS

8046015 3 ARRANGED
SEC 3 OFFERED FOR 8 CREDITS.

STUDNT TCH PHYS SCI C I 417B VAR. CR.
PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$328.00
9044005 1 ARRANGED
SECT 1:JAN 12-APRIL 24
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
OFFERED FOR 14 CREDITS SPRING 2010.

9044010 2 ARRANGED
SECT 2:JAN 26-MAY 8
SEC 2 OFFERED FOR 12 CREDITS

9044015 3 ARRANGED
SEC 3 OFFERED FOR 8 CREDITS.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDNT TEACHNG MATH C I 417C VAR. CR.
PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$328.00
9045005 1 ARRANGED
SECT 1:JAN 12-APRIL 24
SEC 1 OFFERED FOR 14 CREDITS

9045010 2 ARRANGED
SECT 2:JAN 26-MAY 8
SEC 2 OFFERED FOR 14 CREDITS

9045015 3 ARRANGED
SEC 3 OFFERED FOR 8 CREDITS.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
CURRICULUM & INSTRUCTION

STUDENT TCH BIOL SCI C I 417D VAR. CR.
PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$328.00
9046005 1 ARRANGED
SECT 1: JAN 12-APRIL 24
SEC 1 OFFERED FOR 14 CREDITS
9046010 2 ARRANGED
SECT 2: JAN 26-MAY 8
SEC 2 OFFERED FOR 14 CREDITS
9046015 3 ARRANGED
SEC 3 OFFERED FOR 8 CREDITS
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDENT TCH ENGL&LIT C I 417E VAR. CR.
PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$328.00
9047005 1 ARRANGED
SECT 1: JAN 12-APRIL 24
SEC 1 OFFERED FOR 12 CREDITS
9047010 2 ARRANGED
SECT 2: JAN 12-MARCH 6
SEC 2 OFFERED FOR 8 CREDITS
9047015 3 ARRANGED
SECT 3: MARCH 9-MAY 8
SEC 3 OFFERED FOR 8 CREDITS
9047020 4 ARRANGED
SEC 4 OFFERED FOR 16 CREDITS
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDENT TCH FOREN LANG C I 417G VAR. CR.
PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$328.00
9049005 1 ARRANGED
SECT 1: JAN 12-APRIL 24
SEC 1 OFFERED FOR 14 CREDITS
9049010 2 ARRANGED
SECT 2: JAN 26-MAY 8
SEC 2 OFFERED FOR 14 CREDITS
9049015 3 ARRANGED
SEC 3 OFFERED FOR 8 CREDITS.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDENT TCH EARTH SC C I 417J VAR. CR.
PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$328.00
9051005 1 ARRANGED
SECT 1: JAN 12-APRIL 24
SEC 1 OFFERED FOR 14 CREDITS
9051010 2 ARRANGED
SECT 2: JAN 26-MAY 8
SEC 2 OFFERED FOR 14 CREDITS
STUDNT TCH EARTH SC  C I  417J VAR. CR.
9051015  3 ARRANGED
SEC 3 OFFERED FOR 8 CREDITS.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDENT TCH SEC MUS  C I  417K VAR. CR.
PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF
COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
COURSE OFFERED FOR 8 CREDITS.
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE
UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE  $20.50-$328.00
9052005  1 ARRANGED
SEC 1:JAN 12-MARCH 6
9052010  2 ARRANGED
SEC 2:MARCH 9-MAY 8

STUDNT TCH ELEM MUS  C I  417L VAR. CR.
PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF
COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
COURSE OFFERED FOR 8 CREDITS.
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE
UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE  $20.50-$328.00
9053005  1 ARRANGED
SEC 1:JAN 12-MARCH 6
9053010  2 ARRANGED
SEC 2:MARCH 9-MAY 8

STUDENT TCH BASIC SCI  C I  417M VAR. CR.
PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF
COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE  $20.50-$328.00
9054005  1 ARRANGED
SEC 1:JAN 12-APRIL 24
SEC 1 OFFERED FOR 14 CREDITS
9054010  2 ARRANGED
SEC 2:JAN 26-MAY 8
SEC 2 OFFERED FOR 14 CREDITS
9054015  3 ARRANGED
SEC 3 OFFERED FOR 8 CREDITS.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDENT TCHNG INT'L  C I  417N VAR. CR.
PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF
COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
COURSE OFFERED FOR 8 CREDITS.
SEC IT: MARCH 9-MAY 6
SEC IT TAUGHT IN ITALY. STUDENT TEACHING
EXPERIENCE. OFFERED FOR 8 CREDITS.
7301800  IT ARRANGED   NIEDERHAUSER D
7301805  MX ARRANGED   ROSENBUSCH M
SEC MX: MARCH 9-MAY 6
SEC MX TAUGHT IN MEXICO 'INTERNATIONAL
STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS
SEC NO: MARCH 9-MAY 6
SEC NO TAUGHT IN NORWAY 'INTERNATIONAL
STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS
SEC NZ: MARCH 9-MAY 6
SEC NZ TAUGHT IN NEW ZEALAND. STUDENT TEACHING
EXPERIENCE. OFFERED FOR 8 CREDITS
SEC NZ: MARCH 9-MAY 6
7301810  NO ARRANGED   MUNSEN S
7301815  NZ ARRANGED   PIERCE A
SEC NZ TAUGHT IN NEW ZEALAND 'INTERNATIONAL
CURRICULUM & INSTRUCTION

STUDENT TCHNG INT'L C I 417N VAR. CR.
7301820 PR ARRANGED MCHAY J
SECT PR:MARCH 9-MAY 6
SEC PR TAUGHT IN PUERTO RICO. 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS.
7301825 SP ARRANGED ROSENBUSCH M
SECT SP:MARCH 9-MAY 6
SEC SP TAUGHT IN SPAIN 'INTERNATIONAL STUDENT TEACHING' EXPERIENCE. OFFERED FOR 8 CREDITS

SECNDY SCI METHD II C I 419 2 CR.
PREREQ: 347,280M,418; CONCURRENT ENROLLMT IN 468K
9019005 M 5:10-8:00PM
CONCURRENT ENROLLMENT IN 468K REQUIRED.

PRINCIPS SECNDY ED C I 426 3 CR.
PREREQ: 201, SR CLASSIFICATION, ADMITTED TO TEACHER EDUC PROGRAM, CONCURRENT ENROLLMENT IN 415 MUST TAKE CONCURRENTLY WITH 415 RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
6293005 1 W 5:30-8:20PM

SOC STDI PRIM GRADE C I 433 2 CR.
PREREQ: 367, HD FS 221; CONCURRENT ENROLLMENT IN 438, 439, SP ED 355, 455
4487005 1 MW 1:45-3:00
NO MEETINGS FEB 16-MARCH 13

MATH IN PRIMRY GRDS C I 438 2 CR.
PREREQ: 367, HD FS 221; MATH 195; CONCURRENT ENROLLMENT IN 433, 439, 468G, SP ED 355, 455 TAKE CONCURRENTLY WITH C I 468G,468I,439, SP ED 355,455.
4489005 1 MW 3:10-4:25
NO MEETINGS FEB 16-MARCH 13.

SCI IN PRIMARY GRDS C I 439 2 CR.
PREREQ: 367, HD FS 221; CONCURRENT ENROLLMENT IN 433, 438, 468I, SP ED 455
4491005 1 MW 12:10-1:30
NO MEETINGS FEB 16-MARCH 13.

TCHNG OF SOC STUDIES C I 443 3 CR.
PREREQ: 377 COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY. DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
3258005 1 TR 2:10-4:00
NO MEETINGS FEB 16-MARCH 13
3258010 2 TR 8:00-9:50
NO MEETINGS FEB 16-MARCH 13

TCHNG CHILDREN MATH C I 448 3 CR.
PREREQ: MATH 195, 196, CONCURRENT ENROLLMENT IN C I 377, 468A, 468C COURSE RESTRICTED TO EL ED MAJORS ONLY. MUST ENROLL IN SAME SECTION NUMBER OF 377 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
3260005 1 MW 12:10-2:00 SEC 1 NO MEETINGS MARCH 23-APRIL 17
3260010 2 MW 9:00-10:50 SEC 2 NO MEETINGS MARCH 23-APRIL 17
CURRICULUM & INSTRUCTION

TEACHING OF SCIENCE  C I   449      3 CR.
PREREQ: 377, CONCURRENT ENROLLMENT IN 378, 468B
468D, JUNIOR CLASSIFICATION
COURSE RESTRICTED TO EL ED MAJORS ONLY.
MUST ENROLL IN SAME SECTION NUMBER OF 378.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
    3261005  1 TR 10:00-11:50
           NO MEETINGS FEB 16-MARCH 13
    3261010  2 TR 12:10-2:00
           NO MEETINGS FEB 16-MARCH 13
    3261015  3 TR 8:00-9:50
           NO MEETINGS FEB 16-MARCH 13

PRA PRIMRY RDG&LANG   C I   468A     1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
TAKE CONCURRENTLY WITH C I 377 AND 448 AND 468C.
REQUIRED MEETING - WED, JAN 14 AT 8AM.
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
RESTRICTED TO EL ED MAJORS ONLY.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
    3265005  1 MW 7:30-4:30, ARRANGED
           SECT 1:MARCH 23-APRIL 17
    3265010  2 ARRANGED
           DEPARTMENT PERMISSION REQUIRED; PROCESS
           APPROVED ADD SLIP IN 10 ALUMNI HALL

PRA RDG&LANG INTRMD   C I   468B     1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
TAKE CONCURRENTLY WITH C I 378, 449, 468D.
REQUIRED MEETING - THURS, JAN 15 AT 4PM.
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
RESTRICTED TO EL ED MAJORS ONLY.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
    3266005  1 TR 7:30-4:30, ARRANGED
           SECT 1:FEB 17-MARCH 12

TCHG PRACTICUM MATH   C I   468C     1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2009.
TAKE CONCURRENTLY WITH 377, 448, AND 468D.
REQUIRED MEETING - WED, JAN 14 AT 8AM. RESTRICTED TO STUDENTS
WITH FULL ADMISSION TO THE UNIVERSITY TEACHER
EDUCATION PROGRAM. RESTRICTED TO EL ED MAJORS ONLY.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
    3267005  1 MW 7:30-4:30, ARRANGED
           SECT 1:MARCH 23-APRIL 17
    3267010  2 ARRANGED
           DEPARTMENT PERMISSION REQUIRED; PROCESS
           APPROVED ADD SLIP IN 10 ALUMNI HALL
CURRICULUM & INSTRUCTION

TCHNG PRACTICUM SCI  C I  468D  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER ED PROG
COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2010.
TAKE CONCURRENTLY WITH 378, 449, 468B. REQUIRED
REQUIRED MEETING - THURS, JAN 15 AT 4PM.
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE
UNIVERSITY TEACHER EDUCATION PROGRAM.
RESTRICTED TO EL ED MAJORS ONLY.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $51.75
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3268005  1 TR 7:30-4:30, ARRANGED
SECT 1: FEB 17-MARCH 12

PRA PRMRY LITRCY INC  C I  468F  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
REQUIRED MEETING - WED, JAN 14 AT 8AM.
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $58.00
4518005  1 MW 7:30-12:30
ARRANGED
SECT 1: MARCH 23-APRIL 17

PRA PRMRY MATH INCL  C I  468G  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
TAKE CONCURRENTLY WITH C I 438, 489, 468I, AND
SP ED 355, 455. MAJORS. REQUIRED MEETING -
WED, JAN 14 AT 4:30. RESTRICTED TO STUDENTS WITH
WITH FULL ADMISSION TO THE UNIVERSITY TEACHER
EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $58.00
4524005  1 MW 7:30-4:30, ARRANGED
SECT 1: FEB 16-MARCH 13

PRA PRMRY SCI INCL  C I  468I  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER ED PROG
TAKE CONCURRENTLY WITH C I 438, 489, 468G, &
SP ED 355, 455. REQUIRED MEETING - WED, JAN 16 AT
4:30 PM. RESTRICTED TO STUDENTS WITH FULL
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $51.75
4528005  1 MW 7:30-4:30, ARRANGED
SECT 1: FEB 16-MARCH 13

PRACTICM SEC SCI II  C I  468K  2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
CONCURRENT ENROLLMENT IN C I 419 REQUIRED.
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $58.00
8223005  ARRANGED
PRACT READNG ENDORS  C I  468R  1 CR.
Satisfactory-Fail only.
Prereq: Permission of dept; concurrent enr in 378
Admission to Teacher Educ program
Professional support and field trips &
Travel fee $58.00
Department permission required 1st week; process
Approved add slip in 10 Alumni hall
4300059  TR 7:30-12:20
Feb 17-March 12

INDEP STUDY EDUCATN  C I  490A  VAR. CR.
Prereq: GPA of 2.5 or more for preceding semester
Instructor permission required 1st week; process
Approved add slip in 10 Alumni hall
*******  See dept for reference numbers

IND STU VOC-ED GUID  C I  490B  1- 3 CR.
Prereq: GPA of 2.5 or more for preceding semester
*******  See dept for reference numbers

IND STU CURR CONSTR  C I  490C  1- 3 CR.
Prereq: GPA of 2.5 or more for preceding semester
*******  See dept for reference numbers

INDEP STU PRIN EDUC  C I  490D  1- 3 CR.
Prereq: GPA of 2.5 or more for preceding semester
*******  See dept for reference numbers

IND STDY METHD TCHG  C I  490E  1- 3 CR.
Prereq: GPA of 2.5 or more for preceding semester
*******  See dept for reference numbers

IND STDY EDUC PSYCH  C I  490F  1- 3 CR.
Prereq: GPA of 2.5 or more for preceding semester
*******  See dept for reference numbers

IND STU INST TCHNOL  C I  490G  1- 3 CR.
Prereq: GPA of 2.5 or more for preceding semester
*******  See dept for reference numbers

INDEP STUDY HONORS  C I  490H  1- 3 CR.
Prereq: GPA of 2.5 or more for preceding semester
Membership in Univ honors program
Course restricted to University honors students
only.
*******  See dept for reference numbers

INDEP STU EDUC STAT  C I  490I  1- 3 CR.
Prereq: GPA of 2.5 or more for preceding semester
*******  See dept for reference numbers

IND STU MULTICUL ED  C I  490J  1- 3 CR.
Prereq: GPA of 2.5 or more for preceding semester
*******  See dept for reference numbers

IND STU SOCIAL STDI  C I  490K  1- 3 CR.
Prereq: GPA of 2.5 or more for preceding semester
*******  See dept for reference numbers
CURRICULUM & INSTRUCTION

IND STU LITERACY ED  C I  490L  1- 3 CR.
PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
*******     SEE DEPT FOR REFERENCE NUMBERS

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

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

TEACH LIT SECONDARY  C I  494  3 CR.
PREREQ: ENGL 310, 397, 9 OTHER CREDITS IN ENGLISH
BEYOND 250, PSYCH 333, ADMISSION TO TEACHER EDUC PROG
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
6305005   A TR 2:10-3:30

DESIGN&DEVELP MEDIA  C I  502  2 CR.
PREREQ: 501; GRADUATE CLASSIFICATION
COURSE OFFERED FOR 2 CREDITS SPRING 2009.
2793005   R 5:10-8:00PM

MNG&EVAL TEC INTRVN  C I  504  3 CR.
PREREQ: 501
2795005   R 5:10-8:00PM

INTR TECHN IN TEACH  C I  505  3 CR.
PREREQ: GRADUATE CLASSIFICATION
2796005   T 5:10-8:00PM
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
DELIVERY IS WWW

PRN FLX&DISTANC LRN  C I  507  3 CR.
PREREQ: 501, CONVENIENT ACCESS TO THE WEB
4384005   ARRANGED
DELIVERY IS WWW
4384600   XW ARRANGED
SECT XW:JAN 12-MAY 8
CONTACT CLYCIAE MICHELINI FOR PERMISSION TO
REGISTER AT 515-294-6327/CLYCIAE@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

GEOMETRY K-12 CLSRM  C I  509  3 CR.
PREREQ: 448, 497, OR GRADUATE STATUS
4446005   T 5:10-8:00PM

TECNOL DIFFUS,LEADR  C I  511  3 CR.
PREREQ: ADMISSION TO GRADUATE STUDY, 501 OR EQUIV
AND 505 OR EQUIVALENT
8373005   M 5:10-8:00PM

RES TRENDS TECH &ED  C I  512  3 CR.
PREREQ: ADMISSION TO GRAD STUDY AND AT LEAST TWO
CRSES IN RESrch AND FOUNDATNS OF INSTRUCTNL TECHNLGY
4298005   W 5:10-8:00PM

CURRICULUM & INSTRUCTION
ACTION RESRCH IN ED  C I  515   3 CR.
PREREQ: ADMISSION TO GRAD STUDY, ONE COURSE IN
RESEARCH METHODS, EDUCATIONAL INQUIRY, STATISTICS,
EDUCATIONAL PSYCHOLOGY, OR INSTRUCTIONAL DESIGN
1901005  ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
DELIVERY IS WWW
1901600  XW ARRANGED  SCHMIDT D
SECT XW: JAN 12-MAY 8
CONTACT DENISE SCHMIDT FOR PERMISSION TO
REGISTER AT 515-294-9141/DSCHMIDT@IASTATE.EDU.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

ANTIRACIST CURR DEV  C I  516   3 CR.
PREREQ: 9 CREDITS IN EDUCATION
6314005  M 5:30-8:30PM

STUDNT TCH PHYS SCI  C I  517B VAR. CR.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $20.50-$246.00
2460005  ARRANGED

STUDNT TEACHNG MATH  C I  517C VAR. CR.
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $20.50-$615.00
2466005  ARRANGED

STUDNT TCH BIOL SCI  C I  517D VAR. CR.
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $20.50-$615.00
2475005  ARRANGED

STUDNT TCH EARTH SCI  C I  517J VAR. CR.
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $20.50-$615.00
2476005  ARRANGED

STUDNT TCH BASIC SCI  C I  517M VAR. CR.
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $20.50-$615.00
2480005  ARRANGED

SECDY SCI METHDS II  C I  519   2 CR.
PREREQ: 418 OR 518, UNDERGRADUATE STUDENTS
MUST REGISTER CONCURRENTLY FOR 468K
2575005  M 5:10-8:00PM

PRIN SECONDARY EDUC  C I  526   3 CR.
PREREQ: 6 CREDITS IN EDUCATION
MUST TAKE CONCURRENTLY WITH CI 415
7724005  W 5:30-8:20PM
CURRICULUM & INSTRUCTION

EDUC PSYCH LEARNING  C I  533  3 CR.
PREREQ: 333 OR TEACHER LICENSURE
4363005  1 M 4:30-7:00PM

HOW LEARN, TEACH SCI  C I  541  3 CR.
PREREQ: BACHELOR'S DEGREE
6701005  1 T 5:10-8:00PM

FOUND RDNG&LANG ART  C I  551  3 CR.
PREREQ: TEACHING LICENSE
3282005  1 W 5:30-8:20PM

CORRECTIVE READING  C I  552  3 CR.
PREREQ: 378 OR EQUIV; UNDERGRAD STUDENTS MUST
REGISTER CONCURRENTLY FOR SP ED 365, 436; GRADUATE
STUDENT MUST HAVE A TEACHING LICENSE
3276005  W 5:30-8:30PM

RDG&RSPND CHILD LIT  C I  554  3 CR.
PREREQ: SENIOR STATUS OR TEACHING LICENSE
1672005  T 5:30-8:20PM

SUPVS TUTOR READING  C I  588  3 CR.
PREREQ: GRADUATE STATUS, TEACHING LICENSE AND
CONCURRENT ENROLLMENT IN OR COMPLETION OF ONE COURSE
CORRECTIVE READING; DIAGNOSIS AND CORRECTION OF
READING PROBLEMS
9245005  1 M 5:10-8:00PM
ARRANGED
SECT 1: JAN 7-APRIL 22
MEETS EIGHT WEDNESDAYS 5:10-8, PLUS ARRANGED
TUTORING. JAN 12, 26, FEB 2, 9, 23 MARCH 9, APRIL 6 AND 23.

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

SP TOP INSTR TECHNOL  C I  590B  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
*******  SEE DEPT FOR REFERENCE NUMBERS

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

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

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

SPL TOPICS MATH EDUC  C I  590G  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
*******  SEE DEPT FOR REFERENCE NUMBERS

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

CURRICULUM & INSTRUCTION
SPL TOP FOREIGN LNG  C I   590J  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
******   SEE DEPT FOR REFERENCE NUMBERS

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

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

FLD EXP FOREIG LANG  C I   591B  1- 6 CR.
PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE  $33.00-$198.00
8128005   1 ARRANGED

FIELD EXP ELEM EDUC  C I   591C  1- 6 CR.
PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE  $33.00-$198.00
8498005   1 ARRANGED

FIELD EXP SECOND ED  C I   591D  1- 6 CR.
PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA
COURSE OFFERED FOR 2 CREDITS SPRING 2009.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE  $33.00-$198.00
5058005     ARRANGED

INSTR TECHNOL WKSHP  C I   593B  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
TOPIC: SELF MANAGED LEARNING INSTRUCTIONAL
DESIGN.
2811600  XW ARRANGED               THOMPSON A
SECT XW:JAN 12-MAY 8
CONTACT CLYCIANE MICHELINI FOR PERMISSION TO
REGISTER AT 515-294-6327/CLYCIANE@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

WKSHP FOREIGN LANGU  C I   593J  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
4514600  XW ARRANGED               ROSENBUSCH M
SECT XW:OCT 30-MARCH 13
CONTACT MARCIA ROSENBUSCH FOR PERMISSION TO
REGISTER AT 515-294-6699/MROSENBU@IASTATE.EDU.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

CURRIC PROB&INQUIRY  C I   596   3 CR.
PREREQ: GRADUATE STANDING
MEETS JAN 24, FEB 7,21 MARCH 21, APRIL 4,25.
2817005     S 10:00-4:00, ARRANGED
JAN 10-APRIL 18
CURRICULUM & INSTRUCTION

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

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

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

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

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

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

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

CR CMP FOREIGN LANG  C I  599J  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
*******     SEE DEPT FOR REFERENCE NUMBERS

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

CRTV COMP SOC STUDI  C I  599L  1- 3 CR.
PREREQ: 9 GRADUATE CREDITS IN EDUCATION
*******     SEE DEPT FOR REFERENCE NUMBERS

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

ADV INSTR SY DSIGN  C I  603  3 CR.
PREREQ: 503
2926005     T 5:10-8:00PM

SEMNR INSTR TECHNOL  C I  615B  1 CR.
5264005     W 4:10-5:00

SEMINAR SCIENCE ED  C I  615C  1 CR.
5268005     T 4:10-5:00

SEM MULTICULTURL ED  C I  615F  1 CR.
4563005     M 4:10-5:00

SEMERNAR MATH EDUC  C I  615G  1 CR.
4571005     ARRANGED

CURRICULUM & INSTRUCTION
SEMINR EDUC PSYCHOL C I 615K 1 CR.
4586005 ARRANGED

SEMINAR LITERACY ED C I 615M 1 CR.
COURSE MEETS ON CAMPUS JAN 12 & APRIL 27.
8274005 M 5:30-6:50PM ARRANGED

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DANCE

MODERN DANCE I  DANCE 120  1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS AND PROFESSIONAL SUPPORT FEE $20.00
2838005   1 MW 11:00-12:15

BALLETT I  DANCE 130  1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS AND PROFESSIONAL SUPPORT FEE $20.00
2839005   1 TR 12:40-2:00

JAZZ I  DANCE 140  1 CR.
SATISFACTORY-FAIL ONLY.
2840005   1 TR 12:40-2:00

BALLROOM DANCE I  DANCE 160  1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS AND PROFESSIONAL SUPPORT FEE $10.00
2842005   1 TR 10:00-10:50
SEC 1 FOR MEN ONLY. MEETS WITH SEC 2
2842010   2 TR 10:00-10:50
SEC 2 FOR WOMEN ONLY. MEETS WITH SEC 1
2842015   3 TR 11:00-11:50
SEC 3 FOR MEN ONLY. MEETS WITH SEC 4
2842020   4 TR 11:00-11:50
SEC 4 FOR WOMEN ONLY. MEETS WITH SEC 3

DANCE CONTINUUM  DANCE 199  .5-2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: INSTRUCTOR PERMISSION. ADVANCE
REGISTRATION REQUIRED
COURSE ONLY OFFERED FOR 1-2 CREDITS SPRING 2009
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2845005   1 ARRANGED
FUND SOCIAL&WORLD D  DANCE 211  2 CR.
PREREQ: HHP TEACHER ED PROGRAM ADMISSIBLE
COURSE RESTRICTED TO EX SP, KIN H MAJORS
9612005  1 MWF 10:00-10:50

MODERN DANCE III  DANCE 223  1 CR.
PREREQ: 222
MATERIALS AND PROFESSIONAL SUPPORT FEE $20.00
2848005  1 MW 2:10-3:30

CONCERT&THTRE DANCE  DANCE 224 .5- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: BY AUDITION ONLY
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2849005  1 ARRANGED
SEC 1 OFFERED FOR .5 CREDIT ONLY
2849010  2 ARRANGED
SEC 2 OFFERED FOR 1 CREDIT ONLY
2849015  3 ARRANGED
SEC 3 OFFERED FOR 2 CREDITS ONLY

BALLET II  DANCE 232  1 CR.
PREREQ: PREVIOUS BALLET EXPERIENCE
MATERIALS AND PROFESSIONAL SUPPORT FEE $20.00
2850005  1 MW 12:10-1:25

JAZZ II  DANCE 242  1 CR.
PREREQ: PREVIOUS JAZZ DANCE EXPERIENCE
2852005  1 TR 2:10-3:30

DANCE APPRECIATION  DANCE 270  3 CR.
2855005  1 MWF 1:10-2:00

SOUND AND MOVEMENT  DANCE 320  3 CR.
PREREQ: 220
2856005  TR 2:10-3:30

ADV STUDIES DANCE  DANCE 370  1- 3 CR.
PREREQ: 2 CR IN DANCE, ADVANCE REGISTRATION REQ'D
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2858005  1 ARRANGED

TCHG CHLDRN'S DANCE  DANCE 384  2 CR.
2859005  1 MWF 11:00-11:50

INDEPENDENT STUDY  DANCE 490  1- 3 CR.
PREREQ: 6 CR IN DANCE, PERMISSION OF COORDINATOR
COURSE ONLY OFFERED FOR 1-3 CREDITS SPRING 2009.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

DESIGN STUDIES

DESIGN STUDIO I  DSN S 102  4 CR.
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  GOCHE P
  F 9:00-9:50  JACKSON M
8050015  3 MW 9:00-11:50  GOCHE P
  F 9:00-9:50  JACKSON M
8050025  5 MW 9:00-11:50  WHITEHEAD R
  F 9:00-9:50  JACKSON M
## DESIGN STUDIES

### DESIGN STUDIO I  
**DSN S 102**  
4 CR.

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<th>Section</th>
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<th>Time</th>
<th>Instructor(s)</th>
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### DESIGN EXCH SEMIN II  
**DSN S 111**  
1 CR.

**SATISFACTORY-FAIL ONLY.**  
**PREREQ:** MEMBER OF DESIGN EXCHANGE LEARN COMMUNITY  
**COURSE RESTRICTED TO COLLEGE OF DESIGN STUDENTS.**  
**MATERIALS AND FIELD TRIPS & TRAVEL FEE $55.00-$80.00**

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### DESIGN SEMINAR I  
**DSN S 115**  
.5- 1 CR.

**SATISFACTORY-FAIL ONLY.**  
**PREREQ:** MEMBER OF DESIGN COLLABORATIVE LEARNING COMMUNITY  
**MATERIALS AND FIELD TRIPS & TRAVEL FEE $5.00-$20.00**

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### DESIGN REPRESENTATN  
**DSN S 131**  
4 CR.

**ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED TO COLLEGES OTHER THAN DESIGN.**  
**MATERIALS FEE $5.00**  
**INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL**

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## DESIGN STUDIES

### DESIGN REPRESENTATION
- **DSN S 131**
- **4 CR.**
- **Section**
  - **2124010**
    - MWF 8:00-9:50
    - TR 3:40-4:30
  - **2124015**
    - MWF 8:00-9:50
    - TR 3:40-4:30
  - **2124025**
    - MWF 8:00-9:50
    - TR 3:40-4:30
  - **2124045**
    - MWF 10:00-11:50
    - TR 3:40-4:30
  - **2124055**
    - MWF 10:00-11:50
    - TR 3:40-4:30
  - **2124065**
    - MWF 10:00-11:50
    - TR 3:40-4:30
  - **2124075**
    - TR 8:00-10:50
    - TR 3:40-4:30
  - **2124085**
    - MWF 12:10-2:00
    - TR 3:40-4:30
  - **2124090**
    - MWF 12:10-2:00
    - TR 3:40-4:30
  - **2124095**
    - MWF 12:10-2:00
    - TR 3:40-4:30
  - **2124100**
    - MWF 12:10-2:00
    - TR 3:40-4:30
  - **2124105**
    - MWF 12:10-2:00
    - TR 3:40-4:30
  - **2124110**
    - MWF 12:10-2:00
    - TR 3:40-4:30
  - **2124115**
    - MWF 12:10-2:00
    - TR 3:40-4:30
  - **2124125**
    - MWF 12:10-2:00
    - TR 3:40-4:30
  - **2124130**
    - MWF 12:10-2:00
    - TR 3:40-4:30
  - **2124135**
    - MWF 12:10-2:00
    - TR 3:40-4:30
  - **2124145**
    - MWF 12:10-2:00
    - TR 3:40-4:30
  - **2124150**
    - TR 8:00-10:50
    - TR 3:40-4:30
  - **2124155**
    - TR 8:00-10:50
    - TR 3:40-4:30
  - **2124165**
    - TR 8:00-10:50
    - TR 3:40-4:30
  - **2124175**
    - TR 11:00-2:00
    - TR 3:40-4:30
  - **2124185**
    - TR 11:00-2:00
    - TR 3:40-4:30
  - **2124195**
    - TR 11:00-2:00
    - TR 3:40-4:30

### HISTORY OF DESIGN
- **DSN S 181**
- **3 CR.**
- **Section**
  - **2864005**
    - TR 2:10-3:30
    - CUNNALLY J

### DESIGN CULTURES
- **DSN S 183**
- **3 CR.**
- **Materials and Field Trips & Travel Fee $0.00-$15.00**
- **Section**
  - **5945005**
    - TR 12:40-2:00
    - SOBIECH-MUNSON A
  - **5945010**
    - TR 12:40-2:00
    - SOBIECH-MUNSON A
DESIGN STUDIES

HIST WESTERN ARC II  DSN S 222  3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
  2150005  1 MW 9:00-9:50  NAVE S
          F 9:00-9:50
  2150010  2 MW 9:00-9:50  NAVE S
          F 9:00-9:50
  2150015  3 MW 9:00-9:50  NAVE S
          F 9:00-9:50
  2150020  4 MW 9:00-9:50  NAVE S
          F 9:00-9:50
  2150025  5 MW 9:00-9:50  NAVE S
          F 10:00-10:50
  2150030  6 MW 9:00-9:50  NAVE S
          F 10:00-10:50
  2150035  7 MW 9:00-9:50  NAVE S
          F 10:00-10:50
  2150040  8 MW 9:00-9:50  NAVE S
          F 10:00-10:50

FORCES SHAP METRO E  DSN S 270  3 CR.
MEETS U.S. DIVERSITY REQMT.
  3863005  A MWF 9:00-9:50

SOCIAL & BEHAV LNDSCP  DSN S 274  3 CR.
FIELD TRIPS & TRAVEL FEE 30.00-25.00
MEETS U.S. DIVERSITY REQMT.
  3041005  1 M 10:00-10:50
          W 10:00-11:50
          SEC 1 RESTRICTED TO L A MAJORS ONLY

HISTORY OF ART II  DSN S 281  3 CR.
FIELD TRIPS & TRAVEL FEE 30.00-15.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
  1677005  TR 12:40-2:00  MORGAN E

STDY ABRD PREP SEMN  DSN S 301  1 CR.
SATISFACTORY-FAIL ONLY.
COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS
  7396005  1 M 7:00-7:50PM

DESIGN LEADERSHIP  DSN S 302X  2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SELECTION AS A PEER MENTOR FOR THE CORE
       DESIGN PROGRAM
  8568005  1 M 6:00-6:50PM
          ARRANGED

DESIGN AMBASSADORS  DSN S 303X  1-2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ADMITTANCE INTO ONE OF THE COLLEGE'S
        PROFESSIONAL PROGRAMS
COURSE RESTRICTED TO COLLEGE OF DESIGN MAJORS
        ONLY.
  1677005  1 F 9:00-9:50, ARRANGED

URBAN FORM  DSN S 320  3 CR.
PREREQ: C R P 253 OR 270, OR INSTRUCTOR PERMISSN
  8078005  MW 5:10-6:30PM

SOLAR HOME DESIGN  DSN S 351  3 CR.
PREREQ: ARCH 202
FIELD TRIPS & TRAVEL FEE 2.00-6.00
  2152005  R 7:00-9:40PM  BLOCK D
DESIGN STUDIES

GREEK & ROMAN ART DSN S 383 3 CR.
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2666005 TR 4:10-5:30 CUNNALLY J

URBAN REVITALIZATN DSN S 417 3 CR.
PREREQ: C R P 253 OR 270
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$30.00
3869005 MWF 11:00-11:50

INTERNATNL PLANNING DSN S 429 3 CR.
PREREQ: JUNIOR CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$30.00
3990005 TR 3:40-5:00
SECTION INFO: http://www.public.iastate.edu/~efowusu/cour

SITE DEVELOPMENT DSN S 442 3 CR.
PREREQ: C R P 253, 272
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$100.00
3963005 TR 11:00-12:30

INTERDIS DSN STUDIO DSN S 446 4-6 CR.
PREREQ: JR CLASSIFICATION IN A CURRICULUM IN THE COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR COURSE RESTRICTED TO DESIGN COLLEGE JUNIORS & SENIORS.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $50.00-$750.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2871005 1 ARRANGED
2871010 2 ARRANGED
SEC 1 OFFERED FOR 6 CREDITS SPRING 2009.
SEC 2 OFFERED FOR 4 CREDITS SPRING 2009

TOPIC INTERNAT’L ST DSN S 478J 2-3 CR.
PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$300.00
8287005 MW 7:00-8:20

SUSTAINABLE COMMUT DSN S 484 3 CR.
PREREQ: SENIOR CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$100.00
7042005 TR 6:00-7:20PM

19TH CENTURY ART DSN S 487 3 CR.
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2690005 TR 11:00-12:20 HESS H

INDEPENDENT STUDY DSN S 490 1-4 CR.
PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR ON REQ’D FORM PRIOR TO SEMESTER OF ENROLLMENT
7206005 ARRANGED
DESIGN STUDIES

ENVIRONMTL LAW&PLAN  DSN S 491  3 CR.
PREREQ: 6 CREDITS IN NATURAL SCIENCE
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$30.00
4099005  TR 8:00-9:20

SPL TP ITALIAN CULT  DSN S 492  1 CR.
PREREQ: ENROLLMENT IN THE COLLEGE OF DESIGN ROME
STUDY ABROAD PROGRAM
6821005  A M 5:10-6:00PM
6821080  IT ARRANGED
SECT IT:JAN 12-APRIL 9
SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
DESIGN IN ROME: ARCHITECTURE, SPRING 2009.
OFFERED FOR 1 CREDIT

ART&THRY SINCE 1945  DSN S 495  3 CR.
FIELD TRIPS & TRAVEL FEE  $0.00-$15.00
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2781005  TR 4:10-6:00PM  EISMAN A

TOPICS IN ART HIST  DSN S 498  3 CR.
ART & DESIGN OF MEDIEVAL & MODERN INDIA
FIELD TRIPS & TRAVEL FEE  $0.00-$15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2788005  A MW 4:10-5:30
2788010  B TR 12:40-2:00  EISMAN A

URBAN REVITALIZATN  DSN S 517  3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$30.00
4101005  MW 11:00-11:50  SANDOVAL G

TOP STDI ARCH&CULTR  DSN S 528A  2- 3 CR.
PREREQ: ARCH 221, 222 OR SR CLASSIF OR GRAD
STANDING
COURSE OFFERED FOR 3 CREDITS SPRING 2009
FIELD TRIPS & TRAVEL FEE  $5.00-$250.00
1716005  TR 1 6:30-8:50PM  NAEGELE D
1716010  TR 2 9:30-10:50  SQUIRE M
TOPIC: GOODNESS & BEAUTY
1716015  TR 3 12:40-2:00  ANDERSON N
SEC 5 TOPIC: DESIGN AS ACTIVISM.
1716020  TR 4 4:10-6:40PM  CARDINAL-PETT C
SEC 2 TOPIC: RE-ENCOUNTERING THE OTHER AMERICANS;
PRE-COLUMBIAN CITIES, COLONIAL WILDERNESS & POST-
COLONIAL COLOIAS. RESTRICTED TO SENIORS AND GRADUATE
STUDENTS ONLY.
1716080  IT ARRANGED  SCHNEIDER P
SECT IT:JAN 12-APRIL 9

TOPCL STDI TECHNOLG  DSN S 528B  2- 3 CR.
PREREQ: ARCH 221, 222 OR SR CLASSIF OR GRAD
STANDING
COURSE OFFERED FOR 3 CREDITS SPRING 2009
TOPIC: PHYSICS AND FORM
FIELD TRIPS & TRAVEL FEE  $5.00-$750.00
1703008  TR 1 3:40-5:00
TOPCL STDI COMMUNCAT  DSN S 528C  2- 3 CR.
PREREQ: ARCH 221, 222 OR SR CLASSIF OR GRAD STANDING
COURSE OFFERED FOR 3 CREDITS SPRING 2009
COURSE TOPIC: FILE TO FABRICATION
FIELD TRIPS & TRAVEL FEE $5.00-$250.00
1688005  1 T 6:40-8:00PM MUECKE M
R 6:40-8:00PM MUECKE M
TOPIC: FILE TO FABRICATION

INTERNATNL PLANNING  DSN S 529  3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$30.00
4264005  TR 3:40-5:00
SECTION INFO: http://www.public.iastate.edu/~efowusu/cour

SITE DEVELOPMENT  DSN S 542  3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$100.00
4301005  TR 11:00-12:30

INTERDIS DSN STUDIO  DSN S 546  4- 6 CR.
PREREQ: ADMISSION TO A GRADUATE PROGRAM IN THE COLLEGE OF DSGN & INSTRUCTOR PERMISSION
COURSE RESTRICTED TO DESIGN COLLEGE GRAD STUDENTS
MATERIALS AND FIELD TRIPS & TRAVEL FEE $50.00-$750.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
2878005  1 ARRANGED
SEC 1 OFFERED FOR 6 CREDITS SPRING 2009.
2878010  2 ARRANGED
SEC 2 OFFERED FOR 4 CREDITS SPRING 2009.

PRESERVATN &REHABTN  DSN S 567  3 CR.
PREREQ: SENIOR CLASSIFICATION
FIELD TRIPS & TRAVEL FEE $5.00-$10.00
4713005  1 TR 9:30-10:50 OSTERBERG A
SEC 1 RESTRICTED TO ARC, ARCH MAJORS ONLY
4713010  2 TR 9:30-10:50 OSTERBERG A
SEC 2 FOR MAJORS OTHER THAN ARC, ARCH

TOPIC INTERNAT’L ST  DSN S 578J  2- 3 CR.
PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$300.00
8299005  MW 7:00-8:20

GREEK & ROMAN ART  DSN S 583  3 CR.
PREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION
COURSE RESTRICTED TO DSN S MAJORS ONLY.
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
2870005  TR 4:10-5:30 CUNNALLY J

SUSTAINBLE COMMUNIT  DSN S 584  3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$100.00
7045005  TR 6:00-7:20PM
DESIGN STUDIES

19TH CENTURY ART       DSN S 587       3 CR.
FREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION
COURSE RESTRICTED TO GRADUATE STUDENTS
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2910005  TR 11:00-12:20  HESS H

SPECIAL TOPICS       DSN S 590       1- 4 CR.
FREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMENT
7967005  ARRANGED

ENVIRONMTL LAW&PLAN       DSN S 591       3 CR.
FREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$30.00
4317005  TR 8:00-9:20

ART THRY SINCE 1945       DSN S 595       3 CR.
FREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
MEETS U.S. DIVERSITY REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3112005  TR 4:10-6:00PM  EISMAN A

TOPICS IN ART HIST       DSN S 598       3 CR.
FREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION
FIELD TRIPS & TRAVEL FEE $0.00-$15.00
3200005  A MW 4:10-5:30
3200010  B TR 12:40-2:00

ECOLOGY & EVOLUTIONARY BIOLOGY

SPECIAL TOPICS       EEB 590       1- 3 CR.
FREREQ: GRAD CLASSIFICATION AND INSTR PERMSSN
******     SEE DEPT FOR REFERENCE NUMBERS

SEMINARY       EEB 698       1 CR.
7861005  1 ARRANGED
7861010  2 ARRANGED
7861015  3 ARRANGED

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

ECOLOGY, EVOLUTION & ORGANISMAL BIOLOG

ADV ANIMAL BEHAVIOR       EEOB 507       3 CR.
FREREQ: GRAD STANDING, BIOL 354, OR INSTR PERMSSN
7117005  TR 11:00-12:20

CONSERVATION BIOLOGY       EEOB 531       3 CR.
2644005  TR 9:30-10:50

GENRL&COMP ENDOCRIN       EEOB 534       3- 4 CR.
FREREQ: BIOL 314
MATERIALS FEE $45.00
7127005  A MWF 9:00-9:50
SEC A OFFERED FOR 3 CREDITS ONLY SPRING 2009.
7127010  B MWF 9:00-9:50
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<td>Intro DNA Techniques</td>
<td>542A</td>
<td>1 CR.</td>
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<td>Intro Protein Techniques</td>
<td>542B</td>
<td>1 CR.</td>
<td>TR 1:10-2:00, TR 2:10-4:00</td>
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<td>Intro Cell Techniques</td>
<td>542C</td>
<td>1 CR.</td>
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<td>Intro Plant Transformation</td>
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<td>Ornithology</td>
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<td>3 CR.</td>
<td>2885005 1 MW 10:00-10:50, T 7:00-9:50</td>
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<td>Mammaryology</td>
<td>559</td>
<td>3 CR.</td>
<td>5267005 1 MW 2:10-3:00, T 10:00-11:50</td>
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<td>562</td>
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<td>Molecular Phylogenetics</td>
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<td>Wetland Ecology</td>
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<td>3 CR.</td>
<td>2130005</td>
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<td>Functional Ecology</td>
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<td>2677005  MWF 1:10-2:00, RAICH J</td>
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<td>Environmental Biogeochemistry</td>
<td>583</td>
<td>4 CR.</td>
<td>2677005  MWF 1:10-2:00, W 2:10-4:00, RAICH J</td>
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Prerequisites:
- Intro DNA Techniques: Graduate classification
- Intro Protein Techniques: Graduate classification
- Intro Cell Techniques: Graduate classification
- Intro Plant Transformation: Graduate classification
- Ornithology: Ecology 365 or Biology 351
- Mammaryology: Ecology 365 or Biology 351
- Evolutionary Genetics: Biology 315, 313
- Molecular Phylogenetics: Biology 315, 313
- Wetland Ecology: 15 credits in Biological Sciences
- Functional Ecology: Biology 312
- Environmental Biogeochemistry: Biology/Environment 381, Environment 402, or Interdisciplinary Environmental Studies 402

Material and field trips and travel fee $25.00
ECOLOGY, EVOLUTION & ORGANISMAL BIOL

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

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

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

**CREATIVE COMPONENT  EEOB 599  VAR.  CR.**
2145005 ARRANGED

**ANALYSIS POPULATNS  EEOB 611  3 CR.**
PREREQ: BIOL 312, STAT 401, A COURSE IN CALCULUS
2694005 MW 12:10-1:00
T 9:00-10:50

**GENERAL MYCOLOGY II  EEOB 642  4 CR.**
PREREQ: 641
2148005 MW 9:00-9:50
MW 12:10-3:00

**TRANSMIS EL MICROSC  EEOB 681  5 CR.**
PREREQ: GDCB 679 AND PERMISSION OF INSTRUCTOR
MATERIALS FEE $200.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2750005 W 12:10-1:00
F 8:00-8:50
W 1:00-4:00
F 9:00-9:50
F 12:30-4:00

**SEMINAR  EEOB 698  1 CR.**
******* SEE DEPT FOR REFERENCE NUMBERS

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

ECONOMICS

**PRIN MICROECONOMICS  ECON 101  3- 4 CR.**
OFFERED FOR 3 CREDITS SPRING 2009.
3100005 1 MWF 9:00-9:50 DEITER R
SECTION INFO: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
3100010 2 MWF 10:00-10:50 ORAZEM P
SECTION INFO: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
3100015 3 MWF 11:00-11:50 ORAZEM P
SECTION INFO: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
3100020 4 MWF 1:10-2:00 SCHROETER J
SECTION INFO: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
3100025 5 MWF 2:10-3:00 SCHROETER J
SECTION INFO: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
3100035 7 ARRANGED GUNDERSEN L
### ECONOMICS

#### PRIN MICROECONOMICS  ECON 101  3-4 CR.
- **3100040**: 8 TR 9:30-10:45
- **3100600**: XW ARRANGED GUNDERSEN L
  - Sect XW: JAN 12-MAY 8
  - Delivery fee $73.00.
  - Section XW is off campus.
  - Delivery is WWW

#### PRIN MACROECONOMICS  ECON 102  3 CR.
- **3099005**: 1 MWF 9:00-9:50 MCCULLOUGH R
- **3099010**: 2 MWF 10:00-10:50 ZHILIEVSKY O
- **3099015**: 3 MWF 1:10-2:00 OVIEDO P
- **3099020**: 4 MWF 2:10-3:00 OVIEDO P
- **3099025**: 5 TR 11:00-12:20
- **3099030**: 6 ARRANGED GUNDERSEN L
- **3099600**: XW ARRANGED GUNDERSEN L
  - Sect XW: JAN 12-MAY 8
  - Delivery fee $73.00.
  - Section XW is off campus.
  - Delivery is WWW

#### HONORS PRIN MACROEC  ECON 102H  3 CR.
- **2117005**: 1 MWF 10:00-10:50 MCCULLOUGH R

#### APPL ECON OPTIMIZTN  ECON 207  3 CR.
- **2753005**: 1 MW 11:00-11:50 HALLAM A
  - M 2:10-4:00 HALLAM A
- **2753010**: 2 MW 11:00-11:50 HALLAM A
  - T 1:10-3:00 HALLAM A
- **2753015**: 3 MW 11:00-11:50 HALLAM A
  - W 3:10-5:00 HALLAM A
- **2753020**: 4 MW 11:00-11:50 HALLAM A
  - R 1:10-3:00 HALLAM A

#### INTRO AGRI MARKETS  ECON 235  3 CR.
- **3174005**: 1 MWF 12:10-1:00
3174010  2 TR 12:40-2:00 LENCE S
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp
ECONOMICS

INTERMED MICROECON  ECON  301   3- 4 CR.
PREREQ: 101; MATH 160 OR 165
COURSE OFFERED FOR 4 CREDITS SPRING 2009.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3101005  1 MWF 9:00-9:50          ROSENBLAT T
M 11:00-1:00          ROSENBLAT T
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp
3101010  2 MWF 9:00-9:50          ROSENBLAT T
W 11:00-1:00          ROSENBLAT T
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp
3101015  3 TR 12:40-2:00          BUNZEL H
W 2:10-4:00            BUNZEL H
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp
3101020  4 TR 12:40-2:00          BUNZEL H
R 2:10-4:00            BUNZEL H

INTERMED MACROECON  ECON  302      3 CR.
PREREQ: 101, 102; MATH 160 OR 165
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3102005  1 TR 2:10-3:30           BHATTACHARYA J
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

AGENT-BASED COMP EC  ECON  308      3 CR.
PREREQ: 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7764005  1 TR 11:00-12:20         TESFATSION L

LABOR ECONOMICS  ECON  320      3 CR.
PREREQ: 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3110005  1 MWF 10:00-10:50        HUFFMAN W

FARM BUSINESS MGT  ECON  330      3 CR.
PREREQ: 101, ACCT 284
3177005  1 MWF 9:00-9:50          KLIBEBNSTEIN J
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp
3177010  2 TR 8:00-9:20
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

ENTREPRENEURSHIP AG  ECON  331      3 CR.
PREREQ: 101
6836005  1 TR 11:00-12:20          JOLLY R
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp
6836010  2 TR 12:40-2:00          JOLLY R

COOPERATIVES  ECON  332      3 CR.
PREREQ: 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3181005  1 TR 12:40-2:00          DEITER R
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

TOPCS LIVESTK MRKTG  ECON  338B  1- 3 CR.
PREREQ: 101, 235 RECOMMENDED
COURSE OFFERED FOR 1 CREDIT SPRING 2009.
3083005  1 R 2:10-4:00            LAWRENCE J
SECT 1: JAN 12-MARCH 6
ECONOMICS

TOPICS GRAIN MARKETING ECON 338C 1-3 CR.
PREREQ: 101, 235 RECOMMENDED
COURSE OFFERED FOR 1 CREDIT SPRING 2009.
3089005 1 R 2:10-4:00
SECT 1: MARCH 9- MAY 8
SECTION INFO: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

MONEY, BANK, FIN INST ECON 353 3 CR.
PREREQ: 101, 102
3103005 1 TR 8:00-9:20
3103010 2 MWF 3:10-4:00

INT'L TRADE & FINANCE ECON 355 3 CR.
PREREQ: 101, 102
CREDIT FOR EITHER ECON 355 OR ECON 455, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER ECON 355 OR ECON 457, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. ECON MAJORS MAY APPLY 355 AS A FREE ELECTIVE ONLY.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8925005 1 MWF 1:10-2:00

INTRO ECONOMETRICS ECON 371 4 CR.
PREREQ: 301, 302 OR 353, STAT 326
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2790005 1 MW 9:00-9:50

RURAL, URB & REGN ECON ECON 376 3 CR.
PREREQ: 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3119005 1 MWF 2:10-3:00

ENVIR & RESOURC ECON ECON 380 3 CR.
PREREQ: 101
3180005 1 TR 12:40-2:00

ECONOMIC DEVELOPMENT ECON 385 3 CR.
PREREQ: 101, 102
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3114005 1 TR 12:40-2:00

FIRMS, MKT & IND STRUC ECON 415 3 CR.
PREREQ: ECON 301
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3113005 1 MW 9:00-9:50
3113010 2 MW 9:00-9:50
ECONOMICS

INTRO GAME THEORY     ECON 418X  3 CR.
PREREQ: 301
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7434005  1 W 3:10-6:00PM     MOSCHINI G

COMMOD MKTG&RISK MG     ECON 437  3 CR.
PREREQ: 235, 301, STAT 326
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7572005  1 TR 9:30-10:50     HENNESSY D
SECTION INFO: http://www.econ.iastate.edu/programs /course/defaultcourseinfo.asp

ECON SYS ELEC POWER     ECON 458  3 CR.
PREREQ: 301 OR E E 303
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5746005  A MWF 10:00-10:50     MCCALLEY J
5746600  XE ARRANGED
SECTION XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

AG,FOOD,TRADE POLICY     ECON 460  3 CR.
PREREQ: 301 OR 501
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3185005  1 MWF 11:00-11:50     GALLAGHER P

SENIOR RESRCH PRJCT     ECON 475X  3 CR.
PREREQ: 301, 371, PLUS TWO ADDITIONAL ECONOMICS
COURSES NUMBERED 400-489
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3244005  TR 12:40-2:00     WENINGER Q

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

INDEP STUDY HONORS     ECON 490H  1- 5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.
AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON
490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT
NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.
COLLEGE OF AG STUDENTS MAY APPLY NO MORE THAN 6
CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED
FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO
MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
COURSE RESTRICTED TO UNIV. HONORS STUDENTS.
******* SEE DEPT FOR REFERENCE NUMBERS

ECONOMICS

GRADUATING SR SURVEY     ECON 492  R CR.
SATISFACTORY-FAIL ONLY.
ECON TRAVEL COURSE    ECON 496   1-3 CR.
PREREQ: SOPHOMORE STATUS, PERMISSION OF INSTRUCTOR
MEETS INTERNATIONAL PERSPECTIVES REQMT.
5225800  AR ARRANGED               LUVAGA E
SEC AR TAUGHT IN ARGENTINA. 'AGRICULTURAL
PRODUCTION, BUSINESS AND TRADE IN ARGENTINA'
OFFERED FOR 1-2 CREDITS SPRING 2009.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV FARM MANAGEMENT    ECON 530   2 CR.
PREREQ: 6 CR IN ECONOMICS
3192600  XW ARRANGED               EDWARDS W
SECT XW: JAN 12-MAY 8
DELIVERY FEE $73.00.
SECTION XW IS OFF-CAMPUS.
DELIVERY IS WWW

BUSINESS ECONOMICS    ECON 532   3 CR.
PREREQ: 101 AND ENROLLMENT IN MBA OR BAS PROGRAM;
NOT FOR ECON MAJORS
3128005   1 TR 8:00-9:20           WOHLGEMUTH D
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

ECON&BUS DECSN TOOL    ECON 533   3 CR.
PREREQ: 501 OR 532
7819005   1 M 6:00-9:00PM           HERRIGES J
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

COMMODITY MARKETS    ECON 537   3 CR.
PREREQ: 501 OR 532 OR 601, ECON 571 OR STAT 328
7233005   1 TR 12:40-1:55           HENNESSY D

PUBLIC ECONOMICS    ECON 545   3 CR.
PREREQ: 501 OR 601
3137005  1 TR 2:10-3:30            KREIDER B

ISSUES INT'L ECON    ECON 555   3 CR.
PREREQ: 501, 502
8586005   1 MWF 10:00-10:50         CHOI E

AG,FOOD,TRAD POLICY    ECON 560   3 CR.
PREREQ: 301 OR 501
3197005  1 MWF 11:00-11:50         GALLAGHER P
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

INTERMED ECONOMETRIC    ECON 571   3 CR.
PREREQ: 500
9077005  1 MWF 1:10-2:00            HUFFMAN W
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp
ECONOMICS

ADV ENVIRONMENTAL ECON  ECON  581      3 CR.
PREREQ: 501 OR 601
3205005   1 MWF 2:10-3:00
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

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

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

MACROECON ANALYSIS  ECON  602      4 CR.
PREREQ: 301,302, PREVIOUS OR CONCURRENT ENROLLMENT
IN 600 & PERMISSION OF DIRECTOR OF GRADUATE STUDIES
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3126005   1 TR 9:30-11:20          BHATTACHARYA J
F 3:10-4:00          BHATTACHARYA J
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

MICROECON ANALYSIS II  ECON  603      4 CR.
PREREQ: 601, 602 AND PERMISSION OF DIRECTOR OF
GRADUATE STUDIES
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3125005   1 MW 1:10-3:00           LAPAN H
F 1:10-2:00           LAPAN H
SECTION INFO: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp

AGRICULTURAL ECON I  ECON  641      3 CR.
PREREQ: 603
3203005   1 TR 8:00-9:15          WENINGER Q

INTERNATIONAL FINANCE  ECON  657      3 CR.
PREREQ: 604
3141005   1 TR 11:00-12:15         SINGH R

ECONOMETRICS II  ECON  672      4 CR.
PREREQ: 671
3146005   1 MW 11:00-12:50          ZHYLYEVSKYY O
F 11:00-12:50          ZHYLYEVSKYY O

MACROECONOMETRICS  ECON  674      3 CR.
PREREQ: 672, 602
4902005   1 TR 9:30-10:50          BUNZEL H

ADVANCED TOPICS  ECON  690   1- 5 CR.
SATISFACTORY-FAIL ONLY.
*******  SEE DEPT FOR REFERENCE NUMBERS

THIRD-YEAR PAPER  ECON  691      3 CR.
SATISFACTORY-FAIL ONLY.
5334005     ARRANGED          SCHROETER J

WORKSHOP  ECON  693   1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 6 GRADUATE CREDITS IN CHOSEN FIELD
8649005   1 ARRANGED
ECONOMICS

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

EDUCATIONAL ADMINISTRATION

PRIN EDUC LEADERSHIP   EDADM 541  3 CR.
PREREQ: TEACHER LICENSURE & INSTRUCTOR PERMISSION
3210600  XA WS 8:00-9:10PM   BOOK M
SECT XA:MARCH 25-MAY 6
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY STORM LAKE

SITE-LEVEL LEADRSHIP   EDADM 552  3 CR.
PREREQ: 541
3281600  XA WS 8:00-5:30   RATIGAN G
SECT XA:MARCH 25-MAY 6
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY ATLANTIC

LEADING SCHL REFORM   EDADM 554  3 CR.
PREREQ: 541
7880600  XA W 5:30-9:30PM   MCLEOD S
SECT XA:JAN 14-MAY 6
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY MASON CITY

CURRICULM LEADERSHIP   EDADM 559  3 CR.
PREREQ: 541
3416600  XA WS 8:30-9:30PM   FORSYTHE L
SECT XA:MARCH 11-APRIL 18
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY DES MOINES

EDUCATN LAW& ETHICS   EDADM 575  3 CR.
PREREQ: 541
3216600  XA WS 8:30-9:30PM   RATIGAN G
SECT XA:JAN 21-MARCH 11
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY ATLANTIC
3216605  XB WS 8:30-9:30PM   MCLEOD S
SECT XB:JAN 17-MARCH 4
SECTION XB IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY DES MOINES

SPECIAL TOPICS    EDADM 590  1- 4 CR.
PREREQ: 9 CREDITS IN EDUCATION
*******     SEE DEPT FOR REFERENCE NUMBERS

FLD EXP ELEM PRINCI   EDADM 591A  1- 6 CR.
PREREQ: 541, ADMISS TO PROGRAM & INSTR’S APPROVAL
9422600  XA ARRANGED   RATIGAN G
SECT XA:JAN 12-MAY 8
SECTION XA IS OFF CAMPUS.
DELIVERY IS INDEPENDENT STUDY
EDUCATIONAL ADMINISTRATION

FLD EXP SECOND PRIN  EDADM 591B  1- 6 CR.
PREREQ: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL
9423600  XA ARRANGED  RATIGAN G
SECT XA:JAN 12-MAY 8
SECTION XA IS OFF CAMPUS.
DELIVERY IS INDEPENDENT STUDY

CREATV COMPON DEVEL  EDADM 599  1- 3 CR.
PREREQ: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
******* SEE DEPT FOR REFERENCE NUMBERS

MAX HUMN&FINCE RESC  EDADM 622X  4 CR.
PREREQ: 620X
8499600  XA MFS 8:00-6:00PM  BOOK M
SECT XA:JAN 17-APRIL 6
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY AMES

SYST ASST CULTR LRN  EDADM 632X  4 CR.
PREREQ: 631X
8473600  XA MFS 8:00-6:00PM
SECT XA:JAN 10-APRIL 6
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY AMES

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

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

EDUCATIONAL LEADERSHIP & POLICY ST

SEM LAW,EQUITY,EQUA  EL PS 615C  1 CR.
PREREQ: ADMISSION TO ED LEADERSHIP DOCTORAL PROG
7711600  XA S 8:00-5:00  ROBINSON D
SECT XA:JAN 24-FEB 28
THIS COURSE IS TO BE HELD CONCURRENTLY WITH
EL PS 615D SECTION XA.
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY AMES

SEM ETHICS,JUSTICE,  EL PS 615D  1 CR.
PREREQ: ADMISSION TO ED LEADERSHIP DOCTORAL PROG
7714600  XA S 8:00-5:00  ROBINSON D
SECT XA:JAN 24-FEB 28
THIS COURSE IS TO BE HELD CONCURRENTLY WITH
EL PS 615C SECTION XA.
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY AMES

SEM CRIT&CRTV THINK  EL PS 615F  1 CR.
PREREQ: ADMISSION TO ED LEADERSHIP DOCTORAL PROG
COURSE MEETS EVERY OTHER WEEK STARTING JAN 16TH.
7716005  M 3:10-5:00

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

ELECTRICAL ENGINEERING

PRO PROG ORIENTATN  E E  166  R CR.
COURSE RESTRICTED TO E E AND CPR E MAJORS ONLY.
DISCUSSIONS WILL MEET EVERY OTHER WEEK.
2887005  1 T 1:10-2:00
2887010  2 T 3:10-4:00

INTR EE&PROB SLV II  E E  186  1 CR.
PREREQ: 185, PERMISSION OF THE INSTRUCTOR
6239005  A R 10:00-11:50
6239010  B R 12:10-2:00
6239015  C R 2:10-4:00

ELECTRIC CIRCUITS  E E  201  4 CR.
PREREQ: CR OR REGISTRATN IN MATH 267 AND PHYS 222
CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $60.00
2120005  A MWF 10:00-10:50
2120010  B MWF 10:00-10:50
2120015  C MWF 10:00-10:50
2120020  D MWF 10:00-10:50
2120025  E MWF 10:00-10:50

SIGNALS & SYSTEMS I  E E  224  4 CR.
PREREQ: 201, MATH 267, PHYS 222
5064005  A TR 4:10-5:30
5064010  B TR 4:10-5:30
5064015  C TR 4:10-5:30

ELECTRON CIRCTS&SYS  E E  230  4 CR.
PREREQ: 201, MATH 267, PHYS 222
MATERIALS FEE $50.00
4639005  A MWF 8:00-8:50
4639010  B MWF 8:00-8:50
4639015  C MWF 8:00-8:50
4639020  D MWF 8:00-8:50
4639025  E MWF 8:00-8:50

COOPERATIVE EDUC  E E  298  R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
*****  SEE DEPT FOR REFERENCE NUMBERS
SPRING 2009     Last Updated 10-03-2008

ELECTRICAL ENGINEERING

ENERGY SYS&PWR ELTRN E E 303  3 CR.
PREREQ: MATH 267, PHYS 222; CREDIT OR REGISTRATION IN E E 224 AND 230
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3415005  TR 8:00-9:20

ELECTROMG FLD&WAVES E E 311  4 CR.
PREREQ: 201, MATH 265, PHYS 222, CREDIT OR REGISTRATION IN MATH 267
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2889005  MWRF 10:00-10:50
2889600  XE ARRANGED MINA M
SECT XE:JAN 12-MAY 8
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

NON-ENGRS' ELECTMAG E E 314  3 CR.
PREREQ: PHYS 222, 112, OR EQUIVALENT
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8652005  MW 3:10-4:30

PROBAB MTH,ELEC ENG E E 322  3 CR.
PREREQ: 224
3424005  MWF 12:10-1:00

SIGNSL &SYSTEMS II E E 324  4 CR.
PREREQ: 224
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2192005  A MWF 2:10-3:00
          T 10:00-12:50
2192010  B MWF 2:10-3:00
          R 12:10-3:00
2192015  C MWF 2:10-3:00
          F 11:00-1:50

ELECTRONICS II E E 331  4 CR.
PREREQ: 230, CPR E 288, E E 224 RECOMMENDED
3558005  A MWF 9:00-9:50
          T 8:00-10:50
3558010  B MWF 9:00-9:50
          T 11:00-1:50
3558015  C MWF 10:00-10:50
          R 3:10-6:00PM
3558020  D MWF 10:00-10:50
          R 6:10-9:00PM

SEMICND MTRLS&DEVIC E E 332  3 CR.
PREREQ: MAT E 331 AND PHYS 222
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2195005  TR 12:40-2:00
2195010  XE ARRANGED DALAL V
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER. SECTION XE IS OFF CAMPUS. DELIVERY IS VIDEOSTREAMING

INTRO ENERGY SYSTM E E 351X  3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
8412005  TR 12:10-1:30
8412600  XE ARRANGED DALAL V
SECT XE:JAN 12-MAY 8
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

ELECTRICAL ENGINEERING

ENGR INTERNSHIP  E E 397 R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
****** SEE DEPT FOR REFERENCE NUMBERS

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

INTDISCIP PROB SOLV  E E 408 3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5846005 A MW 9:00-11:50
SECT A: JAN 12-MARCH 13

ELMAG RAD, ANTN, PRPG  E E 417 4 CR.
PREREQ: 311
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2900005 A TR 12:40-2:00
W 8:00-10:50
2900010 B TR 12:40-2:00
R 3:10-6:00 PM

INTRSTAT SIGNL PRC  E E 420X 3 CR.
PREREQ: 322 OR EQUIVALENT
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7443005 MW 5:10-6:20 PM

COMMUNIT SYSTMS II  E E 422 3 CR.
PREREQ: 421 AND ENROLLMENT IN 423
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2902005 TR 4:10-5:30
2902600 XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER. SECTION XE IS OFF CAMPUS. DELIVERY IS VIDEOSTREAMING

COMMUNIC SYSTMS LAB  E E 423 1 CR.
PREREQ: 421, ENROLLMENT IN 422
MATERIALS FEE $45.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2903005 A T 6:10-9:00 PM
2903010 B R 9:00-11:50

MICROELEC FABRICATN  E E 432 4 CR.
PREREQ: PHYS 222, MATH 267, E E 332 OR MAT E 331 RECOMMENDED.
MATERIALS FEE $250.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
9222005 MW 3:10-4:00, ARRANGED

ANLOG VLSI CIRC DSN  E E 435 4 CR.
PREREQ: 324, 330, 332, AND E E 322 OR STAT 330
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2906005 A MWF 10:00-10:50
W 11:00-2:00
2906010 B MWF 10:00-10:50
W 6:10-9:00 PM
2906015 C MWF 10:00-10:50
F 12:10-3:00
2906600 XE ARRANGED GEIGER R
SECT XE: JAN 12-MAY 8
ELECTRICAL ENGINEERING

ANLOG VLSI CIRC DSN    E E      435      4 CR.
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

OPTOELECTN DEV&APP    E E      438      3 CR.
PREREQ: 311, 332
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7182005     MWF 11:00-11:50
7182600     XE ARRANGED KIM J
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INTR CIRCUIT&INSTRM    E E      442      2 CR.
PREREQ: PHYS 222, MATH 267
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 MW 3:40-5:00
            R 9:00-10:50
            SECT A:JAN 12-MARCH 6
4723010     B MW 3:40-5:00
            R 4:10-6:00PM
            SECT B:JAN 12-MARCH 6
4723015     C MW 3:40-5:00
            R 6:10-8:00PM
            SECT C:JAN 12-MARCH 6
4723020     D MW 3:40-5:00
            F 8:00-9:50
            SECT D:JAN 12-MARCH 6
4723025     E MW 3:40-5:00
            F 10:00-11:50
            SECT E:JAN 12-MARCH 6
4723030     F MW 3:40-5:00
            F 2:10-4:00
            SECT F:JAN 12-MARCH 6

INTRO AC CIRC&MOTOR    E E      448      2 CR.
PREREQ: 303 OR 441 OR 442
CREDIT FOR E E 448 MAY NOT BE APPLIED TOWARD A
DEGREE IN EITHER E E OR CPR E.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4775005     A MW 3:40-5:00
            R 9:00-10:50
            SECT A:MARCH 9-MAY 8
4775010     B MW 3:40-5:00
            R 4:10-6:00PM
            SECT B:MARCH 9-MAY 8
4775015     C MW 3:40-5:00
            R 6:10-8:00PM
            SECT C:MARCH 9-MAY 8
4775020     D MW 3:40-5:00
            F 8:00-9:50
            SECT D:MARCH 9-MAY 8
ELECTRICAL ENGINEERING

INTRO AC CIRC&MOTOR  E E  448  2 CR.
4775025  E MW 3:40-5:00
  F 10:00-11:50
  SECT E:MARCH 9-MAY 8
4775030  F MW 3:40-5:00
  F 2:10-4:00
  SECT F:MARCH 9-MAY 8
4775035  G MW 3:40-5:00
  W 10:00-11:50
  SECT G:MARCH 9-MAY 8
4775040  J MW 3:40-5:00
  W 6:10-8:00PM
  SECT J:MARCH 9-MAY 8

ELECTRI MACHIN&DRIV  E E  452  3 CR.
PREREQ: 303; 330 OR 332; CR OR REGISTRATN IN 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2893005  A TR 11:00-11:50
  T 4:10-7:00PM
2893010  B TR 11:00-11:50
  W 12:10-3:00
2893015  C TR 11:00-11:50
  W 3:10-6:00PM

POWER SYST ANALY II  E E  457  3 CR.
PREREQ: 303, CREDIT OR REGISTRATION IN 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2913005  TR 9:30-10:50
2913600  XE ARRANGED               MCCALLEY J
  SECT XE:JAN 12-MAY 8
  DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
  DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
  EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
  PERMISSION TO REGISTER.
  SECTION XE IS OFF CAMPUS.
  DELIVERY IS VIDEOSTREAMING

ECON SYS ELEC POWER  E E  458  3 CR.
PREREQ: 303 OR ECON 301
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5744005  A MWF 10:00-10:50
5744600  XE ARRANGED               MCCALLEY J
  SECT XE:JAN 12-MAY 8
  DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
  DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
  EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
  PERMISSION TO REGISTER.
  SECTION XE IS OFF CAMPUS.
  DELIVERY IS VIDEOSTREAMING

MULTIDISC ENGR DSGN  E E  466  3 CR.
PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
  GRADUATION, PERMISSION OF INSTRUCTOR
1900005  A T 3:10-4:00, ARRANGED
1900010  B R 3:10-4:00, ARRANGED

CONTROL SYS SIMULAT  E E  476  3 CR.
PREREQ: 475
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2915005  MW 4:10-5:00, ARRANGED
ELECTRICAL ENGINEERING

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

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

SR DESIGN PROJ I & PRO  E E   491  3 CR.
FREREQ: 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
COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
AND ABOVE
MATERIALS FEE $30.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7230005  T 2:10-4:00, ARRANGED

SR DESIGN PROJCT II  E E   492  2 CR.
FREREQ: 491
COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
AND ABOVE
MATERIALS FEE $30.00
9515002  R 2:10-3:00, ARRANGED

PORTFOLIO ASSESSMNT  E E   494  R  CR.
FREREQ: CREDIT OR ENROLLMENT IN 491
COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
AND ABOVE
7347005  A W 2:10-3:00
7347010  B W 1:10-2:00
7347015  C R 3:10-4:00
7347020  D R 4:10-5:00

MODERN OPTICS  E E   496  3 CR.
FREREQ: CREDIT OR ENROLLMENT IN PHYS 322 AND 365
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5322005  MWF 3:10-4:00

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

DATA CONVR CIRCUITS  E E   505  4 CR.
FREREQ: 501
3362005  A TR 11:00-12:20
ARRANGED

VLSI COMMUNIC CIRCT  E E   507  3 CR.
FREREQ: 330 OR 501
3516005  TR 2:10-3:30

ELECTRICAL ENGINEERING

MODERN OPTICAL COMM  E E   511  3 CR.
PREREQ: 311
2930005     TR 11:00-12:20

ADV ELECMAG THRY II   E E   513      3 CR.
PREREQ: 512
2934005     A TR 2:00-3:30

ELMAGNETC RAD,ANTEN   E E   517      4 CR.
PREREQ: 311
4808005     A TR 12:40-2:00
4808010     B TR 12:40-2:00
R 3:10-6:00PM

RANDM PROC COMM&SIG   E E   523      3 CR.
PREREQ: 322, MATH 317
7358005     TR 4:10-6:30PM

DIGITAL IMAGE PROC   E E   528      3 CR.
PREREQ: 332, 424
7232005     MW 9:30-10:50

TOPICS EL,MICR,PHOT   E E   530      3 CR.
PREREQ: 332
9526005     ARRANGED

MICROEL FABRIC TCHQ   E E   532      4 CR.
PREREQ: PHYS 222, MATH 265. EE 332 OR MAT E 331
RECOMMENDED
MATERIALS AND FIELD TRIPS & TRAVEL FEE $250.00
8880005     MW 3:10-4:00, ARRANGED

PHYS SEMICOND DEVIC   E E   536      3 CR.
PREREQ: 535
2942005     MW 5:40-7:00PM

OPTOELE DEVICES&APP   E E   538      3 CR.
PREREQ: 311 OR 332
3517005     MWF 11:00-11:50
3517600     XE ARRANGED KIM J
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

PATTERN RECOGNITION   E E   547      3 CR.
PREREQ: 324
8882005     A MWF 8:00-8:50

STEADY STATE ANALYS   E E   553      3 CR.
PREREQ: 456,457
8879005     MW 3:40-5:00

RANDOM SIGNAL&KALMN   E E   573      3 CR.
PREREQ: 324 OR AER E 331 OR M E 370 OR 411
OR MATH 341 OR 395
8185005     MWF 10:00-10:50
ELECTRICAL ENGINEERING

OPTIMAL CONTROL     E E   574      3 CR.
PREREQ: 577
2952005     MWF 1:10-2:00
2952600  XE ARRANGED               LU P
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INTRO ROBUST CONTRL E E   575      3 CR.
PREREQ: 577
2214005     TR 8:00-9:15

DIGIT FEEDBK CNTRL   E E   576      3 CR.
PREREQ: 475 OR AER E 432 OR M E 411 OR 415; AND
MATH 267
2953005     TR 2:10-3:30

NONLINEAR SYSTEMS   E E   578      3 CR.
PREREQ: 577
2955005     TR 9:30-10:50
2955600  XE ARRANGED               CHEN D
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

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

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

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

SPL TOP COMPTR ENGR   E E   590E  1- 6 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRIC PWR   E E   590F  1- 6 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRIC MATRLS   E E   590G  1- 6 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

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

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

SEMINAR ELECTRONICS   E E   591  1- 3 CR.
COURSE OFFERED FOR 1 CREDIT SPRING 2009
1920005   A ARRANGED

ELECTRICAL ENGINEERING

SEMN ELECTRIC POWER   E E   594  1- 3 CR.
COURSE OFFERED FOR 1 CREDIT SPRING 2009.
2964005 T 1:10-2:00

SEM CONTROL SYSTMS E E 596 1-3 CR.
COURSE OFFERED FOR 1 CREDIT SPRING 2009
2973005 M 4:10-5:00

SEM COMM&SIGNL PROC E E 597 1 CR.
SATISFACTORY-FAIL ONLY.
COURSE RESTRICTED TO E CPE MAJORS ONLY.
7542005 A ARRANGED

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

ENGINEERING INTERNSHP E E 697 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPT CHAIR AND ENGINEERING
CAREER SERVICES, GRADUATE CLASSIFICATION
COURSE REQUIRES PERMISSION OF THE MANAGER OF
STUDENT SERVICES.
5716005 ARRANGED THORLAND-OSTER V
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

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

ENGINEERING

ENGINEERING ORIENTN ENGR 101 R CR.
SATISFACTORY-FAIL ONLY.
3788005 A T 11:00-11:50

LEAD PROGRM SEMINAR ENGR 105 1 CR.
SATISFACTORY-FAIL ONLY.
6866005 ARRANGED

FOUND LEARN&LEADRSH ENGR 150X 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: FOR ELP STUDENTS ONLY
8147005 T 3:10-4:00

ENGR PROB W/CPR LAB ENGR 160 3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: SATISFACTORY SCORES ON MATH PLACEMENT
EXAMS; CREDIT OR ENROLLMENT IN MATH 142, 165
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.
2946005 A1 MW 8:00-9:50
2946010 B1 MW 10:00-11:50
SEC B1 RESTRICTED TO A E MAJORS ONLY.
2946012 B2 MW 10:00-11:50
SEC B2 RESTRICTED TO A E MAJORS ONLY.
2946015 C1 MW 12:10-2:00
2946020 D1 MW 2:10-4:00
2946025 E1 TR 8:00-9:50
2946030 F1 TR 10:00-11:50
2946035 G1 TR 12:10-2:00
2946040 H1 TR 2:10-4:00
ENGINEERING

ENGR GRAPHICS & DESIGN ENGR 170 3 CR.
PREREQ: SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 142
COURSE RESTRICTED TO STUDENTS IN ENGINEERING
3798005 A MW 8:00-9:50
3798010 B MW 10:00-11:50
3798015 C MW 12:10-2:00
3798020 D MW 2:10-4:00
3798025 E TR 8:00-9:50
3798030 F TR 10:00-11:50
3798035 G TR 12:10-2:00
3798040 H TR 2:10-4:00

INT'L EXPERNC REPORT ENGR 320 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SATISFACTORY COMPLETION OF INTERNATIONAL WORK EXPERIENCE OF AT LEAST 10 WEEKS OR 9 CREDITS OF APPROVED COURSE WORK TAKEN ABROAD
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7283005 ARRANGED

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

ENGINEERING MECHANICS

STATICS OF ENGINEER E M 274 3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: CREDIT OR ENROLLMENT IN MATH 166; CREDIT OR ENROLLMENT IN PHYS 111 OR 221
COURSE RESTRICTED TO COLLEGE OF ENGR SOPHS & ABOVE. HONORS STUDENTS MUST REGISTER FOR E M 274H.
3004005 1 MWF 12:10-1:00
3004010 2 MWF 12:10-1:00
3004015 3 MWF 3:10-4:00
3004020 4 MWF 3:10-4:00

HONORS ENGR STATICS E M 274H 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN MATH 166; CR OR ENR IN PHYS 111 OR 221; MEMBERSHIP IN UNIV HONORS PROGRAM
COURSE RESTRICTED TO HONORS STUDENTS IN ENGR.
6086005 MWF 10:00-10:50

MECHAN OF MATERIALS E M 324 3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 274
COURSE RESTRICTED TO ENGR SOPH AND ABOVE.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3007005 1 MWF 8:00-8:50
3007010 2 MWF 8:00-8:50
3007015 3 MWF 1:10-2:00
3007020 4 MWF 1:10-2:00
3007040 5 MWF 11:00-11:50
3007045 6 MWF 11:00-11:50
3007600 XE ARRANGED ZACHARY L
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
ENGLISH MECHANICS

HONORS MECH OF MTRL E M 324H 3 CR.
PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM
COURSE RESTRICTED TO HONORS STUDENTS IN ENGR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7425005 MWF 2:10-3:00

MECH OF MATERIALS LAB E M 327 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 324
RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3008005 1 T 8:00-9:50
3008010 2 T 10:00-11:50
3008015 3 R 8:00-9:50
3008020 4 R 10:00-11:50
3008025 5 W 8:00-9:50
3008030 6 W 10:00-11:50
3008035 7 T 1:10-3:00
3008040 8 R 1:10-3:00
3008045 9 T 3:10-5:00
3008050 10 R 3:10-5:00
3008055 11 W 1:10-3:00
3008060 12 W 3:10-5:00

DYNAMICS E M 345 3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 274, CR OR ENROLLMENT IN MATH 266 OR 267
RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3010005 1 MWF 8:00-8:50
3010010 2 MWF 12:10-1:00
3010015 3 MWF 12:10-1:00
3010020 4 MWF 8:00-8:50
3010025 5 MWF 8:00-8:50
3010030 6 MWF 12:10-1:00
3010035 7 MWF 12:10-1:00
3010040 8 MWF 8:00-8:50
3010045 9 MWF 8:00-8:50
3010050 10 MWF 12:10-1:00

HONORS DYNAMICS E M 345H 3 CR.
PREREQ: 274 OR 301, CR/ENROLLMT IN MATH 266 OR 267
MEMBER OF UNIVERSITY HONORS PROGRAM
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7548005 MWF 10:00-10:50

INTRO NONDESTR EVAL E M 350 3 CR.
PREREQ: 324, MATH 266, PHYS 222
RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1355005 1 TR 4:10-5:30
1355600 XE ARRANGED SCHMERR L
SECT XE: JAN 12- MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
ENGINEERING MECHANICS

INTRO NONDESTR E Val  E M 350  3 CR.
EDG RT AT 515-294-7470 OR BNELESON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

PRIN NONDESTR E Test  E M 362  3 CR.
PREREQ: PHYS 112 OR 222
RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
ABOVE.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

NONDESTR E Test L Ab  E M 362L  1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 362
RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
ABOVE.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

MECHANICS OF FLUIDS  E M 378  3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 274
LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB
IS HELD. COURSE RESTRICTED TO ENGR COLLEGE MAJORS
SOPHOMORE AND ABOVE.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

INTMED MECH MATERLS  E M 424  3 CR.
PREREQ: 324
RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
ABOVE.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INTR FIN ELEM METHD  E M  425  3 CR.
PREREQ: 324, MATH 266 OR MATH 267
RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3019005  MWF 8:00-8:50

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

INDEP STUDY HONORS  E M  490H  VAR.  CR.
PREREQ: INSTR PERMISSION, HONORS PROG MEMBERSHIP COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
******  SEE DEPT FOR REFERENCE NUMBERS

MECH DEFORMBL SOLID  E M  516  3 CR.
PREREQ: 510
3029005  MWF 11:00-11:50

EXPERIMNTL MECHANCS  E M  517  4 CR.
PREREQ: 510 OR 514 OR 516
3030005  TR 9:30-10:50
ARRANGED

FINITE ELEMENT ANLY  E M  525  3 CR.
PREREQ: 425, MATH 385
3034005  MWF 3:10-4:00

INTR RANDM VIB&NONL  E M  543  3 CR.
PREREQ: 444
2798005  ARRANGED

ADV ENGR DYNAMICS  E M  548  3 CR.
PREREQ: 345, MATH 266 OR 267
3040005  MWF 1:10-2:00

FUND NONDESTRU EVAL  E M  550  4 CR.
PREREQ: 324, MATH 385
8108005  MWF 10:00-10:50
T 9:00-10:50

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

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

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

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

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

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

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

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

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

SPECIAL TOPICS        E M   690S  1- 6 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING INTERNSHP  E M   697      R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DOGE, GRAD CLASSIFICATION
8134005     ARRANGED
COLLEGE PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

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

ENGINEERING STUDIES

ENGINEERING   E ST   260  3 CR.
PREREQ: ENROLLMNT IN MINOR IN ENGINEERING STUDIES
5528005     MW 10:00-10:50
F 10:00-11:50

SURVEY ENGR IMPACTS  E ST   265  3 CR.
PREREQ: ENROLLMNT IN MINOR IN ENGINEERING STUDIES
5564005     ARRANGED
SURV HOW THINGS WRK  E ST 270  3 CR.
PREREQ: ENROLLMT IN MINOR IN ENGINEERING STUDIES
7455005 ARRANGED

INTRO ENERGY SYSTMS  E ST 351X  3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
8411005  TR 12:10-1:30
8411600  XE ARRANGED  DALAL V
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER. SECTION XE IS OFF CAMPUS. DELIVERY IS VIDEOSTREAMING

ENGLISH

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

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

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

NONNATIVE LISTENING  ENGL 99L  0 CR.
PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN SECTIONS DETERMINED BY EXAMINATION
7774005  1 MW 2:10-3:00
7774010  2 TR 3:40-4:30

NONNATIVE READING  ENGL 99R  0 CR.
PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN SECTIONS DETERMINED BY EXAMINATION
7877005  1 M 12:10-1:00
7877010  2 W 12:10-1:00

ENGLISH NONNATIVE I  ENGL 101B  3 CR.
PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION
ENGL 101B DOES NOT APPLY TOWARD GRADUATION.
3294005  1 MWF 9:00-9:50
3294010  2 MWF 11:00-11:50

ENGLISH NONNATIVE II  ENGL 101C  3 CR.
PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION
ENGL 101C DOES NOT APPLY TOWARD GRADUATION.
3295005  1 MWF 10:00-10:50
3295010  2 MWF 11:00-11:50
3295015  3 TR 9:30-10:50
3295020  4 TR 11:00-12:20
3295025  5 MWF 1:10-2:00
ENGLISH

ENGLISH NONNATIV II  ENGL 101D  3 CR.
PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN VARIOUS SECTIONS DETERMINED BY EXAMINATION
ENGL 101D DOES NOT APPLY TOWARD GRADUATION.
3296005  1 MWF 10:00-10:50
3296010  2 MWF 11:00-11:50
3296015  3 TR 11:00-12:20
3296020  4 TR 12:40-2:00
3296025  5 MWF 12:10-1:00
3296030  6 MWF 2:10-3:00

CRITCL THINK&CMUNIC  ENGL 150  3 CR.
PREREQ: CONCURRENT ENROLLMENT IN LIB 160
EVERY SECTION MEETS IN A COMPUTER WRITING LAB
ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A TRADITIONAL CLASSROOM.
3298100  PA TR 9:30-10:50
3298105  PB TR 11:00-12:20
3298110  PC TR 12:40-2:00
3298005  RA WF 8:00-8:50
3298010  RB WF 9:00-9:50
3298015  RC WF 10:00-10:50
3298020  RD WF 11:00-11:50
3298025  RE TR 12:40-2:00
3298030  RF TR 2:10-3:30
3298250  RT MF 12:10-1:00
3298255  RV MF 12:10-1:00
3298260  RW MF 1:10-2:00
CRITCL THINK&CMUNIC ENGL 150 3 CR.

3298265 RX MF 1:10-2:00
  W 1:10-2:00
  SEC. RX MEETS WEDNESDAY IN ROBERTS HALL COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS JOINTLY WITH SECTION RW. FOR PERMISSION STUDENTS MUST GO TO DEANNA STUMBO, 403 ROSS. DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

3298050 TA WF 8:00-8:50
  M 8:00-8:50
  SEC. TA MEETS MONDAY IN ROSS HALL COMPUTER LAB

3298055 TB WF 9:00-9:50
  M 9:00-9:50
  SEC. TB MEETS MONDAY IN ROSS HALL COMPUTER LAB

3298060 TC WF 10:00-10:50
  M 10:00-10:50
  SEC. TC MEETS MONDAY IN ROSS HALL COMPUTER LAB

3298065 TD WF 11:00-11:50
  M 11:00-11:50
  SEC. TD MEETS MONDAY IN ROSS HALL COMPUTER LAB

3298070 TE WF 12:10-1:00
  M 12:10-1:00
  SEC. TE MEETS MONDAY IN ROSS HALL COMPUTER LAB

3298075 TF WF 1:10-2:00
  W 1:10-2:00
  SEC. TF MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB

3298080 TG MF 2:10-3:00
  W 2:10-3:00
  SEC. TG MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB

3298085 TH MF 3:10-4:00
  W 3:10-4:00
  SEC. TH MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB

3298090 TJ MF 4:10-5:00
  W 4:10-5:00
  SEC. MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB

3298095 TK T 8:00-9:20
  R 8:00-9:20
  SEC. TK MEETS THURSDAY IN ROSS HALL COMPUTER LAB

3298099 TL T 9:30-10:50
  R 9:30-10:50
  SEC. TL MEETS THURSDAY IN ROSS HALL COMPUTER LAB

SPEAKG FOR INT’L TA ENGL 180A 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: NO MORE THAN ONE SECTION OF 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
ENGL 180A DOES NOT APPLY TOWARD GRADUATION.
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
3579005 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV SPEAKG INT’L TA ENGL 180C 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: NO MORE THAN ONE SECTION OF 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
ENGL 180C DOES NOT APPLY TOWARD GRADUATION.
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
3585005 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
ENGLISH

PRESNTATNS INT'L TA ENGL 180D 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: NO MORE THAN ONE SECTION OF 180 MAY BE
TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
ENGL 180D DOES NOT APPLY TOWARD GRADUATION.
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
3593005 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

INTRO STUDY ENGLISH ENGL 199 R CR.
SATISFACTORY-FAIL ONLY.
PLEASE SEE ADVISOR FOR MORE INFORMATION.
COURSE RESTRICTED TO ENGL AND TCOMM MAJORS ONLY.
3302005 A ARRANGED
SECT A: JAN 12-MARCH 6

INTRO CREATIVE WRIT ENGL 207 3 CR.
PREREQ: CREDIT IN OR EXEMPTION FROM 150
7369005 A WF 2:10-3:00
M 1:10-2:00
7369010 B WF 2:10-3:00
M 1:10-2:00
7369015 C WF 2:10-3:00
M 2:10-3:00
7369020 D WF 2:10-3:00
M 2:10-3:00
7369025 E WF 2:10-3:00
M 2:10-3:00
7369030 F WF 2:10-3:00
M 3:10-4:00
7369035 G WF 2:10-3:00
M 3:10-4:00

CMPTR IN STDY ENGLI ENGL 213 3 CR.
PREREQ: 250
6867005 A1 TR 9:30-10:50
SEC A1 RESTRICTED TO COMST, ENGL, JL MC, P JMC,
TCOMM MAJORS ONLY.
6867010 A2 TR 9:30-10:50
SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL &
TCOMM

INTRO LINGUISTICS ENGL 219 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
COURSE RESTRICTED TO SOPH AND ABOVE.
3307005 A MW 1:10-2:00
F 10:00-10:50
3307010 B MW 1:10-2:00
F 11:00-11:50
3307015 C MW 1:10-2:00
F 1:10-2:00
3307020 D MW 1:10-2:00
F 2:10-3:00

DESCRP ENGL GRAMMAR ENGL 220 3 CR.
PREREQ: 250
3308005 A TR 9:30-10:50
3308010 B MWF 10:00-10:50

ENGLISH

BRITISH LIT TO 1800 ENGL 225 3 CR.
PREREQ: 250
SEC A1, B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
SEC A2, B2 FOR MAJORS OTHER THAN ENGL, TCOMM.
5349005  A1 MWF 11:00-11:50
5349010  A2 MWF 11:00-11:50
5349015  B1 MWF 2:10-3:00
5349020  B2 MWF 2:10-3:00

AMER LIT SINCE 1865   ENGL  228      3 CR.
PREREQ: 250
SEC A1, B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
SEC A2, B2 FOR MAJORS OTHER THAN ENGL, TCOMM
5360005  A1 TR 11:00-12:20
5360010  A2 TR 11:00-12:20
5360015  B1 TR 2:10-3:30
5360020  B2 TR 2:10-3:30

WRIT, ORAL, EL COMPOS   ENGL  250      3 CR.
PREREQ: 150 OR EXEMPTION FROM 150; CREDIT FOR OR
CONCURRENT ENROLLMENT IN LIB 160
EVERY SECTION MEETS IN A COMPUTER WRITING LAB
ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A
TRADITIONAL CLASSROOM.
3299000  FA WF 8:00-8:50
M 8:00-8:50
SEC. FA MEETS MONDAY IN FRILEY HALL COMPUTER
ROOM
3299005  FB MF 8:00-8:50
W 8:00-8:50
SEC. FB MEETS WEDNESDAY IN FRILEY HALL COMPUTER
ROOM
3299010  FC WF 9:00-9:50
M 9:00-9:50
SEC. FC MEETS MONDAY IN FRILEY HALL COMPUTER
ROOM
3299015  FD MF 9:00-9:50
W 9:00-9:50
SEC. FD MEETS WEDNESDAY IN FRILEY HALL COMPUTER
ROOM
3299020  FE WF 12:10-1:00
M 12:10-1:00
SEC. FE MEETS MONDAY IN FRILEY HALL COMPUTER
ROOM
3299025  FF MF 12:10-1:00
W 12:10-1:00
SEC. FF MEETS WEDNESDAY IN FRILEY HALL COMPUTER
ROOM
3299030  FG WF 1:10-2:00
M 1:10-2:00
SEC. FG MEETS MONDAY IN FRILEY HALL COMPUTER
ROOM
3299035  FH MF 1:10-2:00
W 1:10-2:00
SEC. FH MEETS WEDNESDAY IN FRILEY HALL COMPUTER
ROOM
3299040  FJ MF 3:10-4:00
W 3:10-4:00
SEC. FJ MEETS WEDNESDAY IN FRILEY HALL COMPUTER
ROOM
3299045  FK MF 4:10-5:00
W 4:10-5:00
SEC. FK MEETS WEDNESDAY IN FRILEY HALL COMPUTER
ROOM
3299050  FL T 11:00-12:20
R 11:00-12:20
SEC. FL MEETS THURSDAY IN FRILEY HALL COMPUTER
ENGLISH

WRIT, ORAL, EL COMPOS  ENGL 250  3 CR.

ROOM. SECTION FL IS RESTRICTED TO AGRICULTURAL BUSINESS MAJORS.

3299055  FM  T  12:40-2:00
   R  12:40-2:00
   SEC. FM MEETS THURSDAY IN FRILEY HALL COMPUTER ROOM

3299060  FN  R  2:10-3:30
   T  2:10-3:30
   SEC. FN MEETS TUESDAY IN FRILEY HALL COMPUTER ROOM

3299065  FP  R  3:40-5:00
   T  3:40-5:00
   SEC. FP MEETS TUESDAY IN FRILEY HALL COMPUTER ROOM

3299100  HA  WF  10:00-10:50
   M  10:00-10:50
   SEC. HA MEETS MONDAY IN HELSER HALL COMPUTER ROOM

3299105  HB  MF  10:00-10:50
   W  10:00-10:50
   SEC. HB MEETS WEDNESDAY IN HELSER HALL COMPUTER ROOM

3299110  HC  WF  11:00-11:50
   M  11:00-11:50
   SEC. HC MEETS MONDAY IN HELSER HALL COMPUTER ROOM. SECTION HC IS STUDENTS IN THE COLLEGE OF AGRICULTURE.

3299115  HD  MF  11:00-11:50
   W  11:00-11:50
   SEC. HD MEETS WEDNESDAY IN HELSER HALL COMPUTER ROOM. SEC HD IS RESTRICTED TO ART, ARTDN, P LA, AND P ARC MAJORS.

3299120  HE  MF  12:10-1:00
   W  12:10-1:00
   SEC. HE MEETS WEDNESDAY IN HELSER HALL COMPUTER ROOM

3299125  HF  WF  1:10-2:00
   M  1:10-2:00
   SEC. HF MEETS MONDAY IN HELSER HALL COMPUTER ROOM

3299130  HG  WF  2:10-3:00
   M  2:10-3:00
   SEC. HG MEETS MONDAY IN HELSER HALL COMPUTER ROOM

3299135  HH  MF  2:10-3:00
   W  2:10-3:00
   SEC. HH MEETS WEDNESDAY IN HELSER HALL COMPUTER ROOM

3299140  HJ  WF  3:10-4:00
   M  3:10-4:00
   SEC. HJ MEETS MONDAY IN HELSER HALL COMPUTER ROOM

3299145  HK  MF  3:10-4:00
   W  3:10-4:00
   SEC. HK MEETS WEDNESDAY HELSER HALL COMPUTER ROOM

3299150  HL  WF  4:10-5:00
   M  4:10-5:00
   SEC. HL MEETS MONDAY IN HELSER HALL COMPUTER ROOM

3299155  HM  T  8:00-9:20
   R  8:00-9:20
   SEC. HM MEETS THURSDAY IN HELSER HALL COMPUTER ROOM

3299160  HN  T  9:30-10:50
   R  9:30-10:50
ENGLISH

WRIT, ORAL, EL COMPOS ENGL 250 3 CR.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Rooms</th>
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<tr>
<td>3299165</td>
<td>HP</td>
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<td>SEC. HP MEETS TUESDAY IN HELSER HALL COMPUTER ROOM</td>
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<td>T</td>
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<td>SEC. HQ MEETS TUESDAY IN HELSER HALL COMPUTER ROOM</td>
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<td>3299200</td>
<td>LA</td>
<td>WF 8:00-8:50</td>
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<td>M</td>
<td>8:00-8:50</td>
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<td>SEC. LA MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM</td>
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<td>SEC. LB MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM</td>
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<td>9:00-9:50</td>
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<td>SEC. LC MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM</td>
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<td>SEC. LG MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM</td>
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<td>3299235</td>
<td>LH</td>
<td>MF 1:10-2:00</td>
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<td>1:10-2:00</td>
<td>LH</td>
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<td>SEC. LH MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM. SEC LH IS RESTRICTED TO BUSINESS AND AGRICULTURAL BUSINESS MAJORS.</td>
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<td>SEC. LJ MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM</td>
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<td>SEC. LP MEETS THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM</td>
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COMMONS COMPUTER ROOM
ENGLISH

WRIT, ORAL, EL COMPOS  ENGL 250  3 CR.

3299300  MA WF 9:00-9:50
   M 9:00-9:50
   SEC. MA MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299305  MB WF 10:00-10:50
   M 10:00-10:50
   SEC. MB MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299310  MC MF 10:00-10:50
   W 10:00-10:50
   SEC. MC MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299315  MD WF 11:00-11:50
   M 11:00-11:50
   SEC. MD MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299320  ME MF 11:00-11:50
   W 11:00-11:50
   SEC. ME MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299325  MF WF 12:10-1:00
   M 12:10-1:00
   SEC. MF MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299330  MG MF 1:10-2:00
   W 1:10-2:00
   SEC. MG MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299335  MH MF 2:10-3:00
   W 2:10-3:00
   SEC. MH MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299340  MJ MF 3:10-4:00
   W 3:10-4:00
   SEC. MJ MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299345  MK MF 4:10-5:00
   W 4:10-5:00
   SEC. MK MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299350  ML R 8:00-9:20
   T 8:00-9:20
   SEC. ML MEETS TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299355  MM R 9:30-10:50
   T 9:30-10:50
   SEC. MM MEETS TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299360  MN T 2:10-3:30
   R 2:10-3:30
   SEC. MN MEETS THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM. SEC MN RESTRICTED TO HD FS, PSYCH, AND SOC MAJORS.

3299365  MP T 3:40-5:00
   R 3:40-5:00
   SEC. MP MEETS THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM

3299400  PA TR 2:10-3:30
   SEC. PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.

3299405  PB TR 3:40-5:00
   SEC. PB MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.

3299700  RA WF 1:10-2:00
   M 1:10-2:00
### ENGLISH

**WRIT, ORAL, EL COMPOS**  
**ENGL 250**  
**3 CR.**

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<td>Room. Sec RD restricted to ECE, ENGL, CH FS, and MU BM Majors.</td>
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<td>Room. This is a Cross-Cultural Section. U.S. Students Only. Meets Jointly with Sec. RV.</td>
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<td>Room. This is a Cross-Cultural Section. International Students Only. Meets Jointly with Sec. RT. For Permission Students Must Go To Deanna Stumbo, 403 Ross. Department Permission Required; Process Approved Add Slip in 10 Alumni Hall</td>
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<td>Sec. VC meets Monday in Ross Hall Computer Lab</td>
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<td>Sec. VG meets Wednesday in Ross Hall Computer Lab</td>
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ENGLISH

WRIT, ORAL, EL COMPOS ENGL 250 3 CR.
3299635  VJ WF 2:10-3:00
   M 2:10-3:00
   SEC. VJ MEETS MONDAY IN ROSS HALL COMPUTER LAB.
   SECTION VJ RESTRICTED TO C E MAJORS.
3299640  VK WF 3:10-4:00
   M 3:10-4:00
   SEC. VK MEETS MONDAY IN ROSS HALL COMPUTER LAB
3299645  VL MF 3:10-4:00
   W 3:10-4:00
   SEC. VL MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB
3299650  VM MF 4:10-5:00
   W 4:10-5:00
   SEC. VM MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB
3299655  VT R 11:00-12:20
   T 11:00-12:20
   SEC. VT MEETS 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
   SEC. VV MEETS TUESDAY IN ROSS HALL COMPUTER ROOM.
   THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL
   STUDENTS ONLY. MEETS JOINTLY WITH SEC. VT. FOR
   PERMISSN STUDENTS MUST GO TO DIANNA STUMBO, 403 ROSS.
   DEPARTMENT PERMISSION REQUIRED; PROCESS
   APPROVED ADD SLIP IN 10 ALUMNI HALL

INTRO LITERARY STDY ENGL 260 3 CR.
PREREQ: CREDIT IN OR EXEMPTION FROM 150
SEC A1, B1 RESTRICTED TO ENGL, TCOMM MAJORS.
SEC A2, B2 RESTRICTED TO MAJORS OTHER THAN ENGL,
TCOMM
3306005  A1 MWF 9:00-9:50
3306010  A2 MWF 9:00-9:50
3306015  B1 TR 12:40-2:00
3306020  B2 TR 12:40-2:00

BUSINESS COMMUNICAT ENGL 302 3 CR.
PREREQ: 250, JUNIOR CLASSIFICATION
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
COURSE IS RESTRICTED TO JUNIORS AND ABOVE
3314005  1 MWF 8:00-8:50
3314010  2 MWF 8:00-8:50
3314015  3 MWF 9:00-9:50
3314020  4 MWF 9:00-9:50
3314025  5 MWF 10:00-10:50
3314030  6 MWF 10:00-10:50
3314035  7 MWF 10:00-10:50
3314040  8 MWF 11:00-11:50
3314045  9 MWF 11:00-11:50
3314170  EM MW 6:00-8:00PM
   SECT EM: JAN 26-APRIL 8
   SECTION EM FOR MAJORS OTHER THAN L ST, LAS S
3314175  ES MW 6:00-8:00PM
   SECT ES: JAN 26-APRIL 8
   SEC ES FOR L ST, LAS S MAJORS ONLY
3314600  XW ARRANGED
   SECT XW: JAN 13-MAY 8
   DELIVERY FEE $150.00.
   SECTION XW IS OFF CAMPUS.
   DELIVERY IS WWW
3314050  10 MWF 12:10-1:00
3314055  11 MWF 12:10-1:00
3314060  12 MWF 11:10-2:00
3314065  13 MWF 11:10-2:00
ENGLISH

BUSINESS COMMUNICAT ENGL 302 3 CR.

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<td>3314075</td>
<td>15 MWF 2:10-3:00</td>
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<td>3314080</td>
<td>16 MWF 2:10-3:00</td>
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<td>3314085</td>
<td>17 MWF 3:10-4:00</td>
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<td>3314090</td>
<td>18 MWF 3:10-4:00</td>
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<td>3314095</td>
<td>19 MWF 4:10-5:00</td>
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<td>20 TR 8:00-9:20</td>
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<td>21 TR 9:30-10:50</td>
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<td>3314115</td>
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SECTION 26 RESTRICTED TO A B E AND M E MAJORS.

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<td>3314145</td>
<td>29 TR 12:40-2:00</td>
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<td>3314165</td>
<td>32 TR 2:10-3:30</td>
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<td>3314205</td>
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HONORS BUS COMMUNIC ENGL 302H 3 CR.

PREREQ: 105, JR CLASSIFICATION. FOR MEMBERS OF UNIVERSITY HONORS PROGRAM ONLY.
COURSE MAY BE TAUGHT IN A COMPUTER LAB

<table>
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<td>7402005</td>
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FREELANCE WRITG MAG ENGL 303 3 CR.

PREREQ: 250, NOT OPEN TO FRESHMEN
COURSE IS RESTRICTED TO SOPH AND ABOVE

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<tbody>
<tr>
<td>3315005</td>
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CREAT WRITING FICTN ENGL 304 3 CR.

PREREQ: 250, NOT OPEN TO FRESHMEN
COURSE IS RESTRICTED TO SOPH AND ABOVE

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<td>3316015</td>
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CREAT WRITING NON-F ENGL 305 3 CR.

PREREQ: 250, NOT OPEN TO FRESHMEN

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<tr>
<td>3317005</td>
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<td>3317010</td>
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CREAT WRITING POET ENGL 306 3 CR.

PREREQ: 250, NOT OPEN TO FRESHMEN

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<tr>
<td>3318005</td>
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REPT&PROPOSAL WRITNG ENGL 309 3 CR.

PREREQ: 250, JUNIOR CLASSIFICATION
SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
SEC A2, B2 FOR MAJORS OTHER THAN ENGL, TCOMM.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

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<td>8089015</td>
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<tr>
<td>8089020</td>
<td>B2 M 6:10-9:00PM</td>
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ENGLISH

RHETORICAL ANALYSIS  ENGL  310  3 CR.
PREREQ: 250
8308005  A1 TR 9:30-10:50  WILSON G
A1 RESTRICTED TO ENGL, TCOMM MAJORS.
8308010  A2 TR 9:30-10:50  WILSON G
A2 FOR MAJORS OTHER THAN ENGL, TCOMM

BIOLOGICL COMMUNICA  ENGL  312X  3 CR.
PREREQ: 250
COURSE RESTRICTED TO BIOL & BIOLA MAJORS ONLY.
6971005  A TR 9:30-10:50  GRAHAM S
6971010  B TR 11:00-12:20

TECHNICAL COMMUNCTN  ENGL  314  3 CR.
PREREQ: 250, JUNIOR CLASSIFICATION
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
COURSE IS RESTRICTED TO JUNIORS AND ABOVE
3356005  1 MWF 8:00-8:50
3356010  2 MWF 9:00-9:50
3356015  3 MWF 10:00-10:50
3356020  4 MWF 11:00-11:50
  SEC 4 RESTRICTED TO C E MAJORS ONLY.
3356025  5 MWF 12:10-1:00
3356030  6 MWF 1:10-2:00
3356035  7 MWF 2:10-3:00
3356040  8 MWF 3:10-4:00
3356045  9 MWF 4:10-5:00
3356105  EM TR 6:00-8:00PM
  SEC EM: JAN 27-APRIL 9
  SEC EM FOR MAJORS OTHER THAN L ST, LAS S
3356110  ES TR 6:00-8:00PM
  SEC ES: JAN 27-APRIL 9
  SEC ES FOR L ST, LAS S MAJORS ONLY
3356050  10 TR 8:00-9:20
3356055  11 TR 9:30-10:50
3356060  12 TR 11:00-12:20
3356065  13 TR 12:40-2:00
3356070  14 TR 12:40-2:00
3356075  15 TR 2:10-3:30
3356080  16 TR 2:10-3:30
3356085  17 TR 3:40-5:00
3356090  18 MWF 12:10-1:00

CRTV WRT PLAYWRITNG  ENGL  316  3 CR.
PREREQ: 250, NOT OPEN TO FRESHMEN
COURSE IS RESTRICTED TO SOPH AND ABOVE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3321005  1 TR 11:00-12:20

STUDIES IN FILM  ENGL  335  3 CR.
PREREQ: 250
FILM SHOWINGS MAY EXTEND SCHEDULED TIME
MATERIALS FEE $20.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3322005  A1 T 6:00-9:00PM  POAGUE L
3322010  A2 T 6:00-9:00PM  POAGUE L

LIT THRY&CRITICISM  ENGL  339  3 CR.
PREREQ: 260 & 3 ADDITIONAL CREDITS IN LITERATURE
3361005  A1 TR 9:30-10:50  HERNDL C
SEC. A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
3361010  A2 TR 9:30-10:50  HERNDL C
SEC. A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

ENGLISH
WOMEN & LIT TOPICS ENGL 345 3 CR.
PREREQ: 250
TOPIC: MULTICULTURAL WOMEN WRITERS
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3324005 A1 TR 12:40-2:00 HICKOK K
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
3324010 A2 TR 12:40-2:00 HICKOK K
SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM,

AMERICAN INDIAN LIT ENGL 346 3 CR.
PREREQ: 250
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3325005 A1 TR 9:30-10:50 LARSON S
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
3325010 A2 TR 9:30-10:50 LARSON S
SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

CONTEMP AFRI AM LIT ENGL 348 3 CR.
PREREQ: 250
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3327005 A1 MWF 1:10-2:00
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
3327010 A2 MWF 1:10-2:00
SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

RHETO ISSU IN CONTX ENGL 350 3 CR.
PREREQ: 250
8387005 A1 TR 2:10-3:30
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
8387010 A2 TR 2:10-3:30
SEC. A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

LITERATURE & SCIENCE ENGL 351 3 CR.
PREREQ: 250
5363005 A1 TR 2:10-3:30
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
5363010 A2 TR 2:10-3:30
SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

WLD LIT: ANCT-RENAIS ENGL 353 3 CR.
PREREQ: 250
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3329005 A1 TR 3:40-5:00
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
3329010 A2 TR 3:40-5:00
SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

MYTH AND FAIRYTALE ENGL 358 3 CR.
PREREQ: 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3333005 A TR 11:00-12:20

LITERATURE & THE ARTS ENGL 359 3 CR.
PREREQ: 250
5390005 A1 W 6:10-9:00PM
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
5390010 A2 W 6:10-9:00PM
SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.
ENGLISH

STU 19TH C AMER LIT ENGL 362 3 CR.
PREREQ: 250; SOPHOMORE CLASSIFICATION
3336005 A1 MWF 1:10-2:00
  SEC A1 RESTRICTED TO ENGL, TCOMM
3336010 A2 MWF 1:10-2:00
  SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

SHAKESPEARE ENGL 370 3 CR.
PREREQ: 250
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3341005 A1 MW 3:40-5:00
  SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
3341010 A2 MW 3:40-5:00
  SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM

BRIT LIT:ROMANT&VIC ENGL 376 3 CR.
PREREQ: 250; SOPHOMORE CLASSIFICATION
TOPIC: FINDING THE 19TH CENTURY-- FROM CHIVALRY TO SCIENCE
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3345005 A1 TR 11:00-12:20
  SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
3345010 A2 TR 11:00-12:20
  SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

BRIT LIT:MOD&CNTEMP ENGL 378 3 CR.
PREREQ: 250; SOPHOMORE CLASSIFICATION
3347005 A1 MWF 10:00-10:50
  SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
3347010 A2 MWF 10:00-10:50
  SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

TCH RDNG OF YNG LIT ENGL 396 3 CR.
PREREQ: 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3350005 A1 TR 9:30-10:50
  SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
3350010 A2 TR 9:30-10:50
  SEC A2 RESTRICTED TO EL ED MAJORS ONLY.

TEACHNG WRITING SEC ENGL 397 3 CR.
PREREQ: 219 OR 220. MUST BEGIN THE APPLICATION PROCESS FOR ADMISSION TO THE UNIV TEACHER ED PROGRAM & INITIATE A STATE OF IOWA DEPT OF CRIMINAL INVESTIGATN BACKGROUND CHECK PRIOR TO THE SEM STUDENT TAKES 397. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
3381005 A TR 11:00-12:20

CR WRIT WKSHP FICTN ENGL 404 3 CR.
PREREQ: 304
3353005 A TR 11:00-12:20
3353010 B TR 12:40-2:00
3353015 C TR 9:30-10:50

CR WRIT WKSHP NON-F ENGL 405 3 CR.
PREREQ: 305
3354005 A TR 11:00-12:20
3354010 B TR 2:10-3:30

ENGLISH

CR WRIT WKSHP POET ENGL 406 3 CR.
PREREQ: 306
COURSE NOT OPEN TO FRESHMEN
3350005  A TR 12:40-2:00          SWANDER M

TECHNL,RHET,PRO CMM   ENGL  411      3 CR.
PREREQ: 310,302,309,313, OR 314; JUNIOR CLASSIF
3020005  A TR 12:40-2:00

BUSI&TECHNICAL EDIT   ENGL  415      3 CR.
PREREQ: 302, 309, OR 314; JUNIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3350005  A1 TR 11:00-12:20
  SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
3350010  A2 TR 11:00-12:20
  SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

STUDNT TCH ENGL&LIT   ENGL  417E VAR.  CR.
PREREQ: 494, ADMISSION TO TEACHER EDUCATION,
  APPROVAL OF COORDINATOR SEMESTER PRIOR TO STUDENT
  TEACHING
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $20.50-$328.00
7786005  1 ARRANGED
  SECT 1:JAN 12-APRIL 24
  SEC 1 OFFERED FOR 14 CREDITS.
7786010  2 ARRANGED
  SECT 2:JAN 12-MARCH 6
  SEC 2 OFFERED FOR 8 CREDITS.
7786015  3 ARRANGED
  SECT 3:MARCH 9-MAY 8
  SEC 3 OFFERED FOR 8 CREDITS.
7786020  4 ARRANGED
  SEC 4 OFFERED FOR 16 CREDITS.
  INSTRUCTOR PERMISSION REQUIRED; PROCESS
  APPROVED ADD SLIP IN 10 ALUMNI HALL

SEMR ARGUMENTATION   ENGL  418      3 CR.
PREREQ: 310; JUNIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2718005  A TR 2:10-3:30

HIST OF ENGLISH LANG   ENGL  420      3 CR.
PREREQ: 219, 220
NOT OPEN TO FRESHMEN OR SOPHOMORES
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3360005  A TR 12:40-2:00

MLTIMDA CONTNT MGMT   ENGL  429X     3 CR.
PREREQ: 329
8042005  A TR 2:10-3:30

SEMINAR AMERICN LIT   ENGL  441      3 CR.
PREREQ: COMPLETION OF 9 CR OF SURVEYS; COMPLETION
  OF OR CONCURRENT ENROLL IN 339; JUNIOR CLASSIFICATION
  TOPIC: SHORT FICTION FROM MINIMALISM TO
  GLOBALISM.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
9535005  A TR 11:00-12:20
ENGLISH

SEM:LIT CROSS BOUND  ENGL 445  3 CR.
PREREQ: COMPLETION OF 9 CREDITS OF SURVEYS;
COMPLETION OF OR CONCURRENT ENROLLMENT IN 339;
JUNIOR CLASSIFICATION
COURSE RESTRICTED TO JUNIORS AND ABOVE.
TOPIC: ROBIN HOOD LITERATURE, HISTORY AND FILM
5391005  M 3:10-4:00
W 3:10-5:00

INTERN BUS, PRO COMM  ENGL 487  1-3 CR.
PREREQ: SENIOR CLASSIF; PERMSSN OF COORDINATOR;
9 CR IN 302, 309, 313, 314, 413, 414, 415 (PREFERRED), 416,
OR 442
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9099005  A W 5:30-7:00PM
ARRANGED

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

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

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

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

INDEP STUDY READING  ENGL 490E VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
APPLIED TOWARD GRADUATION.
DEPARTMENT PERMISSION REQUIRED; PROCESS
ENGLISH

IND STU CREATV WRIT ENGL 490F VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
to the sect taken, jr classification, permission
of undergraduate studies committee
No more than 9 credits of ENGL 490 may be
applied toward graduation.
Department permission required; process
Approved add slip in 10 alumni hall
****** see dept for reference numbers

IND STU BUS/TCH CMM ENGL 490G VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
to the sect taken, jr classification, permission
of undergraduate studies committee
No more than 9 credits of ENGL 490 may be
applied toward graduation.
Department permission required; process
Approved add slip in 10 alumni hall
****** see dept for reference numbers

INDEP STUDY HONORS ENGL 490H VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
to the sect taken, junior classification,
permission of undergraduate studies committee
membership in univ honors program
No more than 9 credits of ENGL 490 may be
applied toward graduation. course restricted to
university honors students.
Department permission required; process
Approved add slip in 10 alumni hall
****** see dept for reference numbers

TEACH LIT SECONDARY ENGL 494 3 CR.
PREREQ: ENGL 310, 397, 9 other credits in English
Beyond 250, psych 333, admission to teacher educ prog
Restricted to students with full admission
to the university teacher education program.
3379005 a tr 2:10-3:30

GRADUAT SR ASSESSMT ENGL 497 R CR.
PREREQ: 199. must be taken by all seniors in
their last semester of classes.
5677005 a arranged

THRY&RSTRCH IN COMPO ENGL 503 3 CR.
PREREQ: 6 credits in English
Course restricted to graduate engl majors
3387005 a t 6:10-9:00PM

THRY&RSTRCH PRO CMM ENGL 506 3 CR.
PREREQ: 6 credits in English
Course restricted to graduate English majors
3390005 a w 6:10-9:00PM

INTR CPRS&APPL LING ENGL 510 3 CR.
PREREQ: Graduate classification
5189005 a w 6:10-9:00PM

SOCIOLINGUISTICS ENGL 514 3 CR.
PREREQ: 511 or an introductory linguistics course
course restricted to graduate English majors
3397005 a tr 9:30-10:50
ENGLISH

2ND LANGUAGE ASSESSM ENGL 519 3 CR.
PREREQ: 517
3402005  A TR 12:40-2:00

TCH NONNATV LIS&SPK ENGL 525 3 CR.
PREREQ: 511 OR INTRODUCTORY COURSE IN LINGUISTICS
2230005  A TR 2:10-3:30

CPR-ASSIST LANG LRN ENGL 526 3 CR.
PREREQ: 511 OR EQUIVALENT
3638005  A TR 11:00-12:20

DISCOURSE ANALYSIS ENGL 527 3 CR.
PREREQ: 511 OR AN INTRO COURSE IN LINGUISTICS
COURSE RESTRICTED TO ENGL GRADUATE STUDENTS
2052005  A R 6:10-9:00PM

MLTIMDA CONTNT MGMT ENGL 529X 3 CR.
PREREQ: 505
COURSE RESTRICTED TO ENGL GRADUATE STUDENTS
8043005  A TR 2:10-3:30

BRIT LIT SINCE 1830 ENGL 535 3 CR.
PREREQ: 6 CREDITS IN LITERATURE
3254005  A TR 2:10-3:30

ENVIRONMENTAL LIT ENGL 543 3 CR.
PREREQ: GRADUATE CLASSIFICATION
8359005  A MW 3:40-5:00

ISS IN STUDY OF LIT ENGL 546 3 CR.
PREREQ: 6 CREDITS IN LITERATURE
COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
2268005  A W 6:10-9:00PM

HIST RHET THEORY II ENGL 548 3 CR.
PREREQ: 6 CREDITS IN ENGL
COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
8393005  A T 9:30-10:50

ADV MLTI-GENRE WRIT ENGL 551X 3 CR.
PREREQ: FOURTH-SEMESTER STANDING, MFA PROGRAM
8367005  A T 6:10-9:00PM

ADV IMAG WRIT:PICTN ENGL 554 3 CR.
PREREQ: 550, GRAD CLASSIFICATION. OPEN TO GRAD
STUDENTS OUTSIDE CREATIVE WRITING ONLY WITH INSTR
PERMISSION.
COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3412005  A M 6:10-9:00PM
3412010  B M 6:10-9:00PM
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV IMAG WRIT:POETR ENGL 556 3 CR.
PREREQ: 550, GRAD CLASSIFICATION. OPEN TO GRAD
STUDENTS OUTSIDE CREATIVE WRITING ONLY WITH INSTR
PERMISSION.
COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3413005  A R 6:10-9:00PM
3413010  B R 6:10-9:00PM
SEC B FOR STUDENTS NOT FORMALLY ADMITTED TO THE
MA PROGRAM IN ENGLISH.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
ENGLISH

CRTV WRT TCHG INTRN  ENGL  559      1-3 CR.
PREREQ: CONCURRENT ENROLLMENT IN 558, PERMISSION
OF PARTICIPATING INSTRUCTORS
7431005   A ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ENVIRON FIELD EXPER  ENGL  560      3 CR.
PREREQ: GRADUATE CLASSIFICATION
COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
8229005   A ARRANGED

INTERN BUS, PRO COMM  ENGL  587      1-3 CR.
PREREQ: 507 PLUS 3 ADDITIONAL GRAD CR IN BUSINESS
& TECHNICAL WRITING OR COMPOSITION & RHETORIC, INSTR
PERMISSION, LIMITED TO MASTER'S AND DOCTORAL DEGREE
CANDIDATES IN THE ENGL DEPT
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3425005   ARRANGED

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

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

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

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

SP TOP RHE&PRO COMM  ENGL  590E VAR.  CR.
PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

**TOP CURR RHET THEOR**  
**ENGL 621**  
*3 CR.*  
**PREREQ:** 503 OR 506  
*TOPIC: RHETORIC OF SCIENCE*  
8396005  
A TR 3:40-5:00

**SEMRN TEC&APP LINGU**  
**ENGL 630**  
*3 CR.*  
**PREREQ:** 510, 511, 517, 518  
*COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.*  
4758005  
A M 6:10-9:00PM

**PRACTCM TEC &LINGUI**  
**ENGL 688**  
*3 CR.*  
**PREREQ:** 510, 626, OR EQUIV; 2ND YR PH.D. STUDENT  
7633005  
A ARRANGED

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

## ENTOMOLOGY

**INTRO TO INSECTS**  
**ENT 201**  
*1 CR.*  
5197005  
A TR 2:10-3:30  
SECT A: JAN 13-FEB 12

**INSECTS AND SOCIETY**  
**ENT 211**  
*2 CR.*  
3441005  
A TR 2:10-3:30  
SECT A: FEB 17-MAY 7

**PESTICIDE APPL CERT**  
**ENT 283**  
*2 CR.*  
6695005  
MW 2:10-3:00

**LIVESTOCK ENTOMOLGY**  
**ENT 372**  
*2 CR.*  
7986005  
A T 5:10-7:00PM

**INSECTS & OUR HEALTH**  
**ENT 374**  
*3 CR.*  
**PREREQ:** 3 CREDITS IN BIOLOGICAL SCIENCES  
*MEETS INTERNATIONAL PERSPECTIVES REQMT.*  
**AVAILABLE FOR NONMAJOR GRADUATE CREDIT.**  
3445005  
A MWF 2:10-3:00

**FND ENTOMO & PEST MGT**  
**ENT 376**  
*3 CR.*  
**PREREQ:** BIOL 101 OR 211  
*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

**AQUATIC INSECTS**  
**ENT 425**  
*3 CR.*  
**PREREQ:** BIOL 312 OR EQUIVALENT  
**MATERIALS AND FIELD TRIPS & TRAVEL FEE $30.00**  
6353005  
1 TR 8:00-8:50  
F 10:00-1:00
ENTOMOLOGY

MGT DIS&PEST TGRASS   ENT   452  3 CR.
PREREQ: HORT 351
   5299005  1 TR 11:00-12:20

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

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

INTG MGT TROPIC CROP ENT 511  3 CR.
PREREQ: PL P 408 OR 416 OR ENT 370 OR 376 OR
HORT 221
MEETS INTERNATIONAL PERSPECTIVES REQMT.
   7962005  ARRANGED

AQUATIC INSECTS       ENT   525  3 CR.
PREREQ: BIOL 312 OR EQUIVALENT
MATERIALS AND FIELD TRIPS & TRAVEL FEE $30.00
   6364008  1 TR 8:00-8:50
          F 10:00-1:00

PESTICIDES IN ENVIR   ENT   550  2 CR.
PREREQ: GRAD CLASSIFICATION
   8682005  TR 9:00-9:50

MGT DIS&PEST TGRASS   ENT   552  3 CR.
PREREQ: HORT 351
   5316005  1 TR 11:00-12:20

INSECT PHYSIOLOGY     ENT   555  4 CR.
PREREQ: 370
   4042005  TR 11:00-12:20
          R 2:10-5:00

SP TOP BIOL CONTROL ENT 590A  1- 3 CR.
PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
******   SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

SPL TOP MEDICAL&VET ENT 590F 1- 3 CR.
PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP PHYSL&BIOCH ENT 590H 1- 3 CR.
PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TOXICOLOGY ENT 590I 1- 3 CR.
PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

SEMINAR ENT 600 1 CR.
5345005 A M 4:10-5:00

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

ENVIRONMENTAL SCIENCE

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

ENVIRN SOIL SCIENCE ENSCI 360 3 CR.
PREREQ: AGRON 260 OR GEOL 100 OR 201
1924005 1 MW 9:00-9:50 BURRAS C
T 3:10-6:00PM BURRAS C
1924010 2 MW 9:00-9:50 KILLORN R
W 2:10-5:00 KILLORN R

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

GLOBAL CHANGE  
ENSCI 404  3 CR.  
PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING, JUNIOR STANDING  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
3386005  MWF 11:00-11:50  
SYLLABUS: http://www.meteor.iastate.edu/classes/mt404

WATERSHED MANAGEMENT  
ENSCI 407  4 CR.  
PREREQ: A COURSE IN GENERAL BIOLOGY  
MATERIALS AND FIELD TRIPS & TRAVEL FEE $30.00  
2830005  A TR 9:30-10:50  
T 3:10-6:00PM

HYDROLOGICAL MODELING AND ANALYSIS  
ENSCI 416X  3 CR.  
PREREQ: MATH 165 OR MATH 181; PHYS 111 OR PHYS 221; GEOL 402 OR EQUIVALENT  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
7502005  MWF 11:00-11:50  
FRAZ K

CONTAMINATED HYDROGEOLOGY  
ENSCI 434  3 CR.  
PREREQ: 411 OR EQUIVALENT  
MATERIALS FEE $15.00  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
5016005  TR 11:00-12:20

GIS & GPS NATURAL RESOURCES  
ENSCI 446  3 CR.  
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  
3033010  2 TR 8:00-8:50  
R 12:10-3:00  
3033015  3 TR 8:00-8:50  
W 10:00-1:00  
3033020  4 TR 8:00-8:50  
M 10:00-1:00

APPLIED ENVIRONMENTAL GEOPHYSICS  
ENSCI 451  3 CR.  
PREREQ: GEOL 100 OR 201; MATH 165 OR EQUIV EXPER  
FIELD TRIPS & TRAVEL FEE $0.00-$10.00  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
3090005  1 MW 10:00-10:50  
F 10:00-11:50  
BERESNEV I

SOIL GENESIS AND LANDSCAPE DEVELOPMENT  
ENSCI 473  4 CR.  
PREREQ: 402 OR AGRON 154  
CREDIT FOR EITHER AGRON/ENSCI 473 OR IA LL/AGRON/ENSCI 473I, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
FIELD TRIPS & TRAVEL FEE $30.00-$45.00  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
1935010  1 TR 10:00-10:50  
T 2:10-5:00, ARRANGED  
SANDOR J

ENVIRONMENTAL BIOGEOCHEMISTRY  
ENSCI 483  4 CR.  
PREREQ: 381 AND 402 OR 402I  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
3144005  MWF 1:10-2:00  
W 2:10-4:00  
RAICH J
ENVIRONMENTAL SCIENCE

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

GLOBAL CHANGE  ENSCI 504  3 CR.
PREREQ: 4 COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGR;
JUNIOR, SENIOR, OR GRAD STANDING
4428005  MWF 11:00-11:50

ENVIRONMENTAL BIOPHYSICS  ENSCI 505  3 CR.
PREREQ: MATH 166 OR EQUIVALENT
INSTRUCTOR PERMISSION REQUIRED FIRST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
4430005  TR 11:00-12:30  HORNBUCKLE B

WATERSHED MANAGEMENT  ENSCI 507  4 CR.
PREREQ: A COURSE IN GENERAL BIOLOGY
MATERIALS AND FIELD TRIPS & TRAVEL FEE $30.00
3868005  A TR 9:30-10:50  T 3:10-6:00 PM

HYDROLOGIC MODELING AND ANALYSIS  ENSCI 516X  3 CR.
PREREQ: MATH 165 OR MATH 181; PHYS 111 OR PHYS 221; GEOL 402 OR EQUIVALENT
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7501005  MWF 11:00-11:50  FRANZ K

WATER POLLUTION CONTROL PROCEDURE  ENSCI 522  3 CR.
PREREQ: 521
4517005  1 ARRANGED

PHYSICAL CHEMISTRY TREATMENT PROCEDURE  ENSCI 523  3 CR.
PREREQ: C E 520
4530005  1 ARRANGED

AIR POLLUTION  ENSCI 524  3 CR.
PREREQ: TWO OF: PHYS 221, CHEM 178, AND EITHER MATH 166 OR 3 CREDITS IN STAT
4534005  1 ARRANGED

INDUSTRIAL WASTEWATER RECOVERY  ENSCI 525  3 CR.
PREREQ: TWO CHEM COURSES, MATH 166
4545005  1 ARRANGED

CONTAMINANT HYDROGEOLOGY  ENSCI 534  3 CR.
PREREQ: GEOL 511 OR EQUIVALENT
MATERIALS FEE $15.00
3193005  TR 11:00-12:20

INTEGRATING GIS & GPS  ENSCI 546  3 CR.
PREREQ: 12 CR IN STUDENT MAJOR AT 300 LEVEL OR ABOVE, NREM 545 OR EQUIVALENT EXPERIENCE WITH ARCGIS
4698005  1 TR 8:00-8:50  JUNGST S
        T 12:10-3:00  JUNGST S
4698010  2 TR 8:00-8:50  R 12:10-3:00
4698015  3 TR 8:00-8:50  W 10:00-1:00
4698020  4 TR 8:00-8:50  M 10:00-1:00

ENVIRONMENTAL SCIENCE
APPL & ENVIR GEOPHYSC  ENSCI 551      3 CR.
PREREQ: GEOL 100 OR 201; MATH 165 OR EQUIV EXPER
FIELD TRIPS & TRAVEL FEE  $0.00-$10.00
3199005   1 MW 10:00-10:50         BERESNEV I
F 10:00-11:50

WETLAND ECOLOGY      ENSCI 564      3 CR.
PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
1238005   ARRANGED

SURFC WTR HYDROLOGY   ENSCI 571      3 CR.
PREREQ: C E 372
4567005   1 ARRANGED
4567600  XE ARRANGED
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR.  FOR PERMISSION TO REGISTER CONTACT 515-294-7470 OR BNELSON@IASTATE.EDU.
SECTION XE IS OFF CAMPUS.

SOIL PHYSICS          ENSCI 577      3 CR.
PREREQ: AGRON 354; RECOMMENDED: MATH 166
7360005     MWF 10:00-10:50        HORTON R

LAB MTHD SOIL PHYSC   ENSCI 578      1 CR.
PREREQ: CONCURRENT ENROLLMENT IN 577
7362005     M 1:10-4:00            HORTON R

ENVIRONM BIOGEOCHEM   ENSCI 583      4 CR.
PREREQ: BIOL 381 AND ENSCI 402 OR IA LL 402I
2676005     MWF 1:10-2:00          RAICH J
W 2:10-4:00            RAICH J

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

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

SEMNR ENVIRONMN SCI   ENSCI 690      R CR.
4702001   1 M 4:10-5:00

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

ENVIRONMENTAL STUDIES

ENVIRONMNTL GEOLOGY   ENV S 101      3 CR.
COURSE OFFERED FOR 3 CREDITS ONLY S09.
3418005   A MWF 10:00-10:50         WINDOM K

INTR RENEW RESOURCS   ENV S 120      3 CR.
5141005     MWF 12:10-1:00

NAT RESOURCES &AGRI   ENV S 130      3 CR.
2836005     MWF 9:00-9:50
## ENVIRONMENTAL STUDIES

### ENVIRONMENTAL BIOLOGY

**ENV S 173**  
3 CR.  
2022005 1 ARRANGED  
2022010 2 TR 12:40-2:00  
**SECTION INFO:** [http://project.bio.iastate.edu](http://project.bio.iastate.edu)

### BIODIVERSITY

**ENV S 204**  
2 CR.  
**PREREQ:** ONE COURSE IN LIFE SCIENCES  
3909005 TR 9:00-10:50  
**MARCH 9-MAY 8**

### SOILS & ENVIRONMENTAL QUALITY

**ENV S 260**  
3 CR.  
5508005 1 MWF 12:10-1:00  
**BURRAS C**

### ENERGY & THE ENVIRONMENT

**ENV S 324**  
3 CR.  
**PREREQ:** ONE COURSE IN LIFE SCIENCES  
7863005 1 MWF 11:00-11:50  
**SIMPKINS W**

### WORLD FOOD ISSUES

**ENV S 342**  
3 CR.  
**PREREQ:** JUNIOR CLASSIFICATION  
**MEETS INTERNATIONAL PERSPECTIVES REQMT.**  
**AVAILABLE FOR NONMAJOR GRADUATE CREDIT.**  
1733005 1 TR 11:00-12:20  
1733010 2 MWF 11:00-11:50  
**FORD C**  
SEC. 2 RESTRICTED FS A, FS H, DIETA, DIETH, NS A, AND NS H MAJORS ONLY.  
1733015 3 TR 12:10-2:00  
1733020 4 MWF 12:40-2:00  
**FORD C**  
SEC. 4 RESTRICTED AGRON, DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA AND PDEXH MAJORS ONLY.  
1733600 XW ARRANGED  
**FORD C**  
**SECT XW: JAN 12-MAY 8**  
**DELIVERY FEE $99.00. FOR PERMISSION TO REGISTER CONTACT LORI YOUNGBERG AT 515-294-7656 OR LYOUNG@IASTATE.EDU.**  
**DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL**  
**SECTION XW IS OFF CAMPUS. DELIVERY IS WWW**

### ENVIRONMENTAL ECONOMICS

**ENV S 380**  
3 CR.  
**PREREQ:** ECON 101  
7578005 1 TR 12:40-2:00  
**HENNESSY H**

### ENVIRONMENTAL SOCIOLOGY

**ENV S 382**  
3 CR.  
**PREREQ:** SOC 130, 134, OR 3 CREDITS OF ENV S  
7579005 A1 TR 8:00-9:20  
**SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY**  
7579010 A2 TR 9:00-10:20  
**SEC A2 FOR MAJORS OTHER THAN SOC, P S A**

### INTERNSH ENVIRONMENTAL STUDIES

**ENV S 390**  
VAR. CR.  
**SATISFACTORY-FAIL ONLY.**  
**PREREQ:** APPROVAL OF THE ENV S COORDINATOR  
**COURSE OFFERED FOR 1-4 CREDITS SPRING 2009. DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL**  
******** SEE DEPT FOR REFERENCE NUMBERS**

## ENVIRONMENTAL STUDIES

### GLOBAL CHANGE

**ENV S 404**  
3 CR.  
**PREREQ:** 4 COURSES IN PHYS SCI OR BIO SCI OR ENGR,
JUNIOR STANDING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8673005     MWF 11:00-11:50
SYLLABUS: http://www.meteor.iastate.edu/classes/mt404

WATERSHED MANAGEMENT      ENV S 407      4 CR.
PREREQ: A COURSE IN GENERAL BIOLOGY
MATERIALS AND FIELD TRIPS & TRAVEL FEE $30.00
5143005     A TR 9:30-10:50
T 3:10-6:00PM

CONTRV NAT RSRC MGT      ENV S 460      3 CR.
PREREQ: 120, AND A ECL 312 OR NREM 301, AND
JUNIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2880005     TR 3:10-4:30

SUSTAINABLE COMMUNT      ENV S 484      3 CR.
PREREQ: SENIOR CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$0.00-$100.00
7275005     TR 6:00-7:20PM

INDEPENDENT STUDY      ENV S 490  VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR AND APPROVAL OF
ENV S COORDINATOR
COURSE OFFERED FOR 1-3 CREDITS SPRING 2009.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******     SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN      ENV S 491      3 CR.
PREREQ: 6 CREDITS IN NATURAL SCIENCES
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$30.00
3478005     TR 8:00-9:20

EXERCISE AND SPORT SCIENCE

SWIMMING I      EX SP 101      1 CR.
SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE $5.00
5660005     1 TR 8:00-9:20

SWIMMING II      EX SP 102      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 101 OR EQUIVALENT SKILL
EQUIPMENT USE FEE $5.00
5661005     1 TR 9:30-10:50

AQUATIC FITNESS      EX SP 108      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 102 OR EQUIVALENT SKILL
EQUIPMENT USE FEE $5.00
5665005     1 MWF 9:00-10:30
SECT 1:JAN 12-MARCH 6
5665010     2 MWF 9:00-10:30
SECT 2:MARCH 9-MAY 8
EXERCISE AND SPORT SCIENCE

LIFEGUARD TRAINING  EX SP 114  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ABILITY TO SWIM 500 YDS CONTINUOUSLY
OF FRONT CRAWL, SIDESTROKE, & BREASTSTROKE;
PERFORM A STANDING & SURFACE DIVE; SWIM UNDER
WATER; TREAD WATER FOR 1 MIN.; MINIMUM AGE 16
MATERIALS AND EQUIPMENT USE FEE $20.00
5668005  1 MW 2:10-3:30

LIFEGUARD INSTRUCTR  EX SP 117  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MIN AGE 17; ABLE TO SWIM 500 YARDS; CURRT
LIFEGUARD, FIRST AID, AND CPR CERTIFICATIONS
EQUIPMENT USE FEE $20.00
6178005  1 MW 2:10-3:30

WATER SFTY INSTRCTR  EX SP 118  2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MIN AGE 17; ABLE TO SWIM 500 YARDS;
CURRENT FIRST AID & CPR LICENSE
LAB WILL MEET 4 TIMES DURING THE SEMESTER
EQUIPMENT USE FEE $20.00
6177005  1 W 6:10-9:00PM
  S 9:00-10:50

BADMINTON  EX SP 122  1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS FEE $5.00
5671005  1 MWF 7:30-8:50
  SECT 1:JAN 12-MARCH 6
5671010  2 MWF 9:00-10:20
  SECT 2:JAN 12-MARCH 6
5671015  3 MWF 10:30-11:50
  SECT 3:JAN 12-MARCH 6

POCKET BILLIARDS  EX SP 126  1 CR.
SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE $25.00
5673005  1 MW 9:00-9:50
5673010  2 MW 10:00-10:50

BOWLING  EX SP 129  1 CR.
SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE $25.00
5675005  1 MW 9:00-9:50
5675010  2 MW 10:00-10:50
5675015  3 MW 11:00-11:50
5675020  4 TR 9:30-10:20
5675025  5 TR 11:00-11:50
5675030  6 TR 12:40-1:30

GOLF  EX SP 135  1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS AND EQUIPMENT USE FEE $30.00
5678005  1 MWF 8:00-9:20
  SECT 1:JUNE 9-MAY 8
5678010  2 MWF 9:30-10:50
  SECT 2:JUNE 9-MAY 8
5678015  3 MWF 11:00-12:20
  SECT 3:JUNE 9-MAY 8
5678020  4 MWF 12:40-2:00
  SECT 4:JUNE 9-MAY 8

EXERCISE AND SPORT SCIENCE
ICE SKATING           EX SP 153      1 CR.
SATISFACTORY-FAIL ONLY.
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.
EQUIPMENT USE FEE $64.00
5689005   1 TR 1:10-3:00
    SECT 1: JAN 12-MARCH 6

TENNIS                EX SP 158      1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS FEE $10.00
5690005   1 MWF 8:00-9:20
    SECT 1: MARCH 9-MAY 8
5690010   2 MWF 9:30-10:50
    SECT 2: MARCH 9-MAY 8
5690015   3 MWF 11:00-12:20
    SECT 3: MARCH 9-MAY 8
5690020   4 MWF 12:30-2:00
    SECT 4: MARCH 9-MAY 8

PHYSICAL FITNESS      EX SP 163      1 CR.
SATISFACTORY-FAIL ONLY.
CREDIT FOR EITHER EX SP 163 OR EX SP 258, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5694005   1 MWF 8:00-8:50

WALKING FOR FITNESS   EX SP 164      1 CR.
SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE $7.00
8867005   1 MW 9:00-9:50
8867010   2 MW 10:00-10:50
8867015   3 MW 11:00-11:50
8867020   4 TR 9:30-10:20
8867025   5 TR 11:00-11:50
8867030   6 TR 12:10-1:00

WEIGHT TRAINING       EX SP 166      1 CR.
SATISFACTORY-FAIL ONLY.
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: ATH 101, SKILL TECHNIQUE
COURSE IN THE SAME SPORT, EX SP 166
EQUIPMENT USE FEE $10.00
5696005   1 MWF 9:00-9:50
5696010   2 MWF 10:00-10:50
5696015   3 MWF 11:00-11:50
5696020   4 MWF 12:10-1:00
5696025   5 MWF 1:10-2:00

TAEKWONDO/KARATE I    EX SP 170      1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS FEE $10.00
5700005   1 MW 9:00-9:50
5700010   2 MW 10:00-10:50
5700015   3 MW 11:00-11:50

TAEKWONDO/KARATE II   EX SP 171      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 170
MATERIALS FEE $15.00
5701005   1 TR 10:00-10:50
EXERCISE AND SPORT SCIENCE

HAPKIDO/MARTL DFNSE   EX SP 173      1 CR.
SATISFACTORY-FAIL ONLY.
5702005   1 TR 11:00-11:50

VOLLEYBALL   EX SP 182      1 CR.
SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE $5.00
5710005   1 TR 8:00-8:50
5710010   2 TR 9:00-9:50
5710015   3 TR 10:00-10:50
5710020   4 TR 11:00-11:50

SOCCER    EX SP 185      1 CR.
SATISFACTORY-FAIL ONLY.
5712005   1 MWF 10:00-11:20
SECT 1:JAN 12-MARCH 6
5712010   2 MWF 10:00-11:20
SECT 2:MARCH 9-MAY 8

BASIC ATHLETIC TRAIN   EX SP 220      2 CR.
PREREQ: BIOL 155 OR 255 AND 256
MATERIALS FEE $45.00
INSTRUCTOR PERMISSN REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5729005   1 M 8:00-8:50
W 8:00-9:50
SEC 1 FOR HEALTH FITNESS MANAGEMENT
5729010   2 M 8:00-8:50
F 8:00-9:50
SEC 2 FOR COACHING

ATHL TRAINING PRACT   EX SP 221      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: CREDIT OR ENROLLMENT IN 222 AND PERMISS
OF ATHLETIC TRAINING PROGRAM DIRECTOR
MATERIALS FEE $60.00
6654005   1 T 11:00-11:50
ARRANGED
6654010   2 R 11:00-11:50
ARRANGED

BASIC ATHLETIC TRNG   EX SP 222      3 CR.
PREREQ: BIOL 255, 255L
7917005   1 TR 9:30-10:50

EVAL ATHLE INJUR II   EX SP 226      3 CR.
PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
6673005   1 TR 10:30-12:20
ARRANGED

ATHL TRAINING PRACT   EX SP 227      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
6674005   1 ARRANGED

FUND OF AQUATICS   EX SP 230      1 CR.
PREREQ: 101 OR EQUIVALENT. ELIGIBILITY FOR
ADMISSION TO HHP TEACHER EDUCATION PROGRAM
COURSE RESTRICTED TO EX SP, HHP, KIN H MAJORS
ONLY.
EQUIPMENT USE FEE $10.00
INSTRUCTOR PERMISSN REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9614005   1 TR 11:00-12:50
EXERCISE AND SPORT SCIENCE

FUND RACQUET SPORTS   EX SP 235      1 CR.
PREREQ: HHP TEACHER EDUC PROGRAM ADMISSIBLE
MATERIALS FEE $10.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9619005   1 TR 11:00-12:50
SECT 1:JAN 12-MARCH 6

FUND SELF-DEFENSE   EX SP 237      1 CR.
PREREQ: HHP TEACHER EDUC PROGRAM ADMISSIBLE
FOR STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9621005   1 MW 8:00-8:50

INTR TAP, EQUIP, BRAC   EX SP 240      1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
2583005   1 TR 9:30-10:20

DSCIIPLN & PROFESSN   EX SP 252X     2 CR.
8591005   1 M 12:10-1:00
W 12:10-1:00
8591010   2 M 12:10-1:00
F 12:10-1:00

POLICY & PROCEDURES   EX SP 253X     1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: CONCURRENT ENROLLMENT OR CREDIT IN 252X
8609005   1 F 12:10-1:00
8609010   2 W 12:10-1:00

PHYS FITNESS & COND   EX SP 258      2 CR.
PREREQ: HHP MAJORS ONLY
COURSE RESTRICTED TO PDEXA, PDEXH, EX SP, HHP, KIN H MAJORS ONLY. CREDIT FOR EITHER EX SP 163 OR EX SP 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
PROFESSIONAL SUPPORT AND EQUIPMENT USE FEE $10.00
5732005   1 TR 10:00-10:50
M 12:10-1:00
5732010   2 TR 11:00-11:50
M 12:10-1:00
5732015   3 TR 1:10-2:00
M 12:10-1:00
5732020   4 TR 2:10-3:00
M 12:10-1:00

LDRSHP TECH FITNESS   EX SP 259      2 CR.
PREREQ: 258
COURSE RESTRICTED TO PDEXA, PDEXH, EX SP, C H E, HHP, KIN H MAJORS ONLY.
9622005   1 MW 1:10-3:00

ADV STRNG TRAIN&CND   EX SP 266X     2 CR.
PREREQ: 258, 259
COURSE RESTRICTED TO C H E, EX SP, HHP, KIN H MAJORS ONLY.
7474005   1 T 8:00-9:20
R 8:00-9:20
EXERCISE AND SPORT SCIENCE

FIELD EXP ELEM P E  EX SP 280 .5- 1 CR.
COURSE RESTRICTED TO PDEXA, PDEXH, EX SP, HHP, KIN H MAJORS ONLY.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5736005  1 F 1:10-3:00

ELEM&PRESCH MVMT ED  EX SP 284  3 CR.
PREREQ: 3 CREDITS IN HUMAN DEVEL & FAMILY STUDIES CREDIT FOR EITHER EX SP 275/312 OR EX SP 284, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION MATERIALS AND EQUIPMENT USE FEE $15.00
5737005  1 MW 1:10-3:00

YOUTH SPORT INTERN  EX SP 290X  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: HHP MAJOR
8750005  1 ARRANGED

ELEM SCH MOVEMNT ED  EX SP 312  3 CR.
PREREQ: CONCURRENT ENROLLMENT IN EX SP 280 COURSE RESTRICTED TO EX SP, HHP, KIN H MAJORS CREDIT FOR EITHER EX SP 275/312 OR EX SP 284, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION MATERIALS AND EQUIPMENT USE FEE $25.00 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5735005  1 TR 8:00-9:20

COACH THY&ADMIN ISS  EX SP 315  3 CR.
COURSE RESTRICTED TO JRS AND SRS ONLY.
5372005  1 TR 11:00-12:20

REHAB ATHLETIC INJUR  EX SP 326  3 CR.
PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
2639005  1 MWF 8:00-8:50

ATHLETIC TRAIN PRAC  EX SP 327  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
5373005  1 ARRANGED

YOUTH SPORTS  EX SP 331X  3 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8815005  TR 3:40-5:00

MGT HEALTH-FIT PROG  EX SP 345  3 CR.
COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H PDEXA, PDEXH JRS & SRS, HHP MAJORS.
7697005  TR 9:30-10:50

BIOMECHANICS  EX SP 355  3 CR.
PREREQ: PHYS 106 OR 111 COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H PDEXA, PDEXH JRS & SRS, HHP MAJORS. MATERIALS AND EQUIPMENT USE FEE $10.00 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5752015  1 MW 8:00-8:50
5752020  2 MW 8:00-8:50
5752025  3 MW 9:00-9:50
6752015  T 8:00-9:40
6752020  T 10:00-11:40
6752025  T 12:10-1:50
EXERCISE AND SPORT SCIENCE

PHYSIOLOGY EXERCISE  EX SP 358   3 CR.
PREREQ: BIOL 255, 255L, 256 AND 256L
COURSE RESTRICTED TO C H E, D EXA, D EXH, EX SP, KIN H, PDEXA, PDEXH JRS & SRS, HHP MAJORS.
MATERIALS AND EQUIPMENT USE FEE $35.00 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

SOC SPORT & EXERCISE  EX SP 360   3 CR.
PREREQ: SOC 134 & ONE OF STAT 101, 104 OR 226/326, OR EX SP 470
COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H PDEXA, PDEXH JRS & SRS, HHP MAJORS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SPORT PSYCHOLOGY  EX SP 365   3 CR.
PREREQ: PSYCH 101 OR PSYCH 230
COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H PDEXA, PDEXH JRS & SRS, HHP MAJORS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

EXERCISE PSYCHOLOGY  EX SP 366   3 CR.
PREREQ: PSYCH 101 OR PSYCH 230
COURSE RESTRICTED TO EX SP, C H E, PDEXA, PDEXH, KIN H JRS & SRS, HHP MAJORS ONLY.

MOTOR CONTROL LIFESP  EX SP 372   3 CR.
PREREQ: PSYCH 101 OR PSYCH 230, BIOL 255
COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H PDEXA, PDEXH, JRS & SRS, HHP MAJORS.
MATERIALS AND EQUIPMENT USE FEE $10.00

TEACHNG PHYSICAL ED  EX SP 375   3 CR.
PREREQ: A MINIMUM OF 6 FUNDAMENTALS CLASSES,
ADMISSION TO UNIVERSITY TEACHER EDUC PROGRAM ONE OR MORE SEMESTERS PRIOR TO ENROLLMENT
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT FEE $8.00
EXERCISE AND SPORT SCIENCE

SEARCH STRAT EMPLOY  EX SP 385 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JUNIOR CLASSIFICATION; TO BE TAKEN
MINIMUM OF 2 SEMESTERS PRIOR TO EX SP 485
COURSE RESTRICTED TO EX SP, KIN H, HHP JRS &
ABOVE & FSHNA AND FSHNH GRADUATE STUDENTS.
5761005 1 R 2:10-3:00
5761010 2 F 1:10-2:00

SUPR TCHG-SECONDARY  EX SP 417  8 CR.
PREREQ: 355,358,375,395,470,475, FULLY ADMITTED
TO TEACHER ED, MUST APPLY FOR APPROVAL TO ENROLL AT
BEGINNING OF THE SEMESTER PRIOR TO REGISTERING
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE
UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $164.00
5764005 ARRANGED
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

SUPR TCHG-ELEMENTRY  EX SP 418  8 CR.
STUDENTS MUST BE FULLY ADMITTED TO TEACHER EDUCATION
ADVISE MUST APPLY FOR APPROVAL TO ENROLL AT THE BEGINNING OF
SEMESTER PRIOR TO REGISTERING
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE
UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $164.00
5765005 ARRANGED
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

LEGAL ASPS OF SPORT  EX SP 445  3 CR.
PREREQ: 360
COURSE RESTRICTED TO EX SP, PDEXA, PDEXH, KIN H
JRS & SRS, HHP MAJORS.
8560005 1 TR 9:30-10:50

PRIN FITNESS ASSESS  EX SP 458  4 CR.
PREREQ: 358
COURSE RESTRICTED TO EX SP, C H E, KIN H
JRS & SRS & HHP MAJORS, FSHNA AND FSHNH GRADUATE
STUDENTS
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5767005 1 MWF 1:10-2:00
  T 1:10-3:00
5767010 2 MWF 1:10-2:00
  T 3:10-5:00
5767015 3 MWF 1:10-2:00
  R 1:10-3:00
5767020 4 MWF 1:10-2:00
  R 3:10-5:00

INTERN EXER LEADRSH  EX SP 459  1 CR.
PREREQ: C- OR BETTER IN 259, CPR CERTIFICATION,
CONCURRENT ENROLLMENT IN 458
CONCURRENT ENROLLMENT IN 458 IS REQUIRED.
RESTRICTED TO C H E, D EXA, D EXH, EX SP, KIN H,
PDEXA, PDEXH JRS & SRS, HHP MAJORS.
3473005 1 ARRANGED

EXERCISE AND SPORT SCIENCE
MEDIC ASPECTS EXERC  EX SP 462  3 CR.
PREREQ: 358
COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H
PODEA, PODEXH JRS & SRS & HHP MAJORS.
5763005   TR 11:00-12:20

MEASUREMENT PHYS ED  EX SP 471X  3 CR.
8502005   1 TR 12:40-2:00

NEURL BASIS HUM MVT  EX SP 472  3 CR.
PREREQ: 372 OR PSYCH 310
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7322005   MW 3:10-4:30

FUNCTIONAL ANATOMY  EX SP 480  3 CR.
PREREQ: BIOL 155 OR 255
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6175005   1 TR 11:00-12:20

INTERNSHIP EXER SCI  EX SP 485A  1-16 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: C- OR BETTER IN 458 AND 459, HHP MAJORS
ONLY, CUMULATIVE GPA 2.0, SENIOR CLASSIFICATION,
ADVANCE REGISTRATION
5772005   ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

INTERNSHIP SPORT&ACT  EX SP 485B  1-16 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: HHP MAJORS ONLY, CUMULATIVE GPA 2.0,
SENIOR CLASSIFICATION, ADVANCE REGISTRATION
5773005   ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ATH TRAINNG PRACTCM  EX SP 488   1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
5775005   ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ATHL TRAIN COMPETNC  EX SP 489   R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,
SENIOR CLASSIFICATION
3220005   ARRANGED

IND STUDY EXER&SPRT  EX SP 490A  1- 3 CR.
PREREQ: 6 CREDITS FROM HHP ADVANCE CORE AND
PERMISSION OF COORDINATOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STUDY COACHING  EX SP 490B  1- 3 CR.
PREREQ: 6 CR IN HHP ADVANCE CORE AND PERMISSION
OF COORDINATOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS
EXERCISE AND SPORT SCIENCE

INDEP STUDY HONORS    EX SP 490H  1- 3 CR.
PREREQ: 6 CR IN HHP AND PERMISSION OF COORDINATOR
MEMBERSHIP IN UNIV HONORS PROGRAM.
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

FAMILY & CONSUMER SCIENCES ED & STUDIES

LEARN CMUNITY SEMINR    FCEDS 102      R CR.
SATISFACTORY-FAIL ONLY.
COURSE FOR TRANSFER STUDENTS ONLY.
7957005    1 TR 4:10-5:00
  SECT 1:JAN 12-MARCH 6

PRE-STUDENT TEACHNG    FCEDS 280L  1 CR.
SATISFACTORY-FAIL ONLY.
MATERIALS FEE $0.00-$35.00
7959005    1 ARRANGED

OCCUPATN,TECH PROGS    FCEDS 318      2 CR.
PREREQ: 206 AND 400 HOURS WORK EXPERIENCE IN A
FAMILY AND CONSUMER SCIENCES RELATED JOB
3980005    1 ARRANGED
3980600 XW ARRANGED
  TROST B
  SECT XW:JAN 12-MAY 8
  SECTION XW IS OFF CAMPUS.
  DELIVERY IS WWW

STUDNT ASSESSMT VOC    FCEDS 403      3 CR.
PREREQ: ENROLLMENT IN 413
8418005 TR 3:10-5:00, ARRANGED

CURRIC PLAN FAM&VOC    FCEDS 413      3 CR.
PREREQ: 306
MATERIALS AND PROFESSIONAL SUPPORT FEE $0.00-$15.00
3980005 MF 2:10-3:00
  W 2:10-5:00

PROG PLAN FAMLY SCI    FCEDS 415      3 CR.
PREREQ: 15 CR IN FAMILY AND CONSUMER SCIENCES
SUBJECT MATTER
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3986005 TR 2:10-3:30

SUPR TCHG VOC FAMLY    FCEDS 417A  8 CR.
PREREQ: 413, 24 CREDITS IN FAMILY & CONSUMER SCI
SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO
TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $164.00
3987005    1 ARRANGED

SUPV TCHG FAMLY SCI    FCEDS 417B  3- 8 CR.
PREREQ: 413, 24 CREDITS IN FAMILY & CONSUMER SCI
SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO
TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
FAMILY & CONSUMER SCIENCES ED & STUDIES

SUPV EXP ED SERVICE  FCEDS 418A  3- 8 CR.
PREREQ: 415, 24 CR IN FAMILY & CONSUMER SCI
2313005   1 ARRANGED

SUPV EXP FCS STUDIE  FCEDS 418B  3- 8 CR.
PREREQ: 415, 24 CR IN FAMILY & CONSUMER SCI
2359005   1 ARRANGED

STUDY ABROAD SEMINR  FCEDS 424  1- 3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7156005   1 ARRANGED

INTEGRTV FAMILY SCI  FCEDS 460  1 CR.
PREREQ: SENIOR CLASSIFICATION IN FCSED
COURSE RESTRICTED FCEDS MAJORS ONLY
8415005   1 W 1:10-2:00
MEETING TIME VARIES BY WEEK. CHECK SYLLABUS

INDEP STDY ADULT ED  FCEDS 490A VAR.  CR.
PREREQ: DEPARTMENTAL APPROVAL
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STDY CURRICULUM  FCEDS 490C VAR.  CR.
PREREQ: DEPARTMENTAL APPROVAL
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STDY EVALUATION  FCEDS 490D VAR.  CR.
PREREQ: DEPARTMENTAL APPROVAL
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STU COOP EXTENS  FCEDS 490E VAR.  CR.
PREREQ: DEPARTMENTAL APPROVAL
*******   SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY GENERAL  FCEDS 490G VAR.  CR.
PREREQ: DEPARTMENTAL APPROVAL
*******   SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  FCEDS 490H VAR.  CR.
PREREQ: DEPARTMENTAL APPROVAL, HONORS PROG MEMBER
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
ONLY.
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERNATL  FCEDS 490I VAR.  CR.
PREREQ: DEPARTMENTAL APPROVAL
*******   SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY OCCUP ED  FCEDS 490K VAR.  CR.
PREREQ: DEPARTMENTAL APPROVAL
*******   SEE DEPT FOR REFERENCE NUMBERS

IND STU HUMAN RELAT  FCEDS 490N VAR.  CR.
PREREQ: DEPARTMENTAL APPROVAL
*******   SEE DEPT FOR REFERENCE NUMBERS

IND ST SPECIAL NEED  FCEDS 490P VAR.  CR.
PREREQ: DEPARTMENTAL APPROVAL
*******   SEE DEPT FOR REFERENCE NUMBERS
FAMILY & CONSUMER SCIENCES ED & STUDIES

INDEP STUDY VOC ED  FCEDS 490R VAR. CR.
PREREQ: DEPARTMENTAL APPROVAL
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STDY DISTANC ED  FCEDS 490S VAR. CR.
PREREQ: DEPARTMENTAL APPROVAL
*******  SEE DEPT FOR REFERENCE NUMBERS

MODLS TCHG FAMLY SC  FCEDS 508 3 CR.
PREREQ: 6 CR IN FAMILY AND CONSUMER SCIENCES
4013005  1 ARRANGED
4013600  XW ARRANGED  TROST B
SECT XW:JAN 12-MAY 8
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

ASSESSMENT IN FCS  FCEDS 515 3 CR.
PREREQ: INTRO STATISTICAL & PROGRAM DEVELOPMENT SKILLS
4017600  XW ARRANGED  HAUSAFUS C
SECT XW:JAN 12-MAY 8
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

OCCUPAT,TECH PROGRAM  FCEDS 518 2 CR.
PREREQ: 400 HOURS WORK EXPERIENCE IN A FAMILY
AND CONSUMER SCIENCES RELATED JOB
3214005  1 ARRANGED
3214600  XW ARRANGED  TROST B
SECT XW:JAN 12-MAY 8
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

STUDY ABROAD SEMINAR  FCEDS 524 1-3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7157005  1 ARRANGED

SPL TOPICS ADULT ED  FCEDS 590A VAR. CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ADMINIST  FCEDS 590B VAR. CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
*******  SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP CURRICULUM  FCEDS 590C VAR. CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
*******  SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP EVALUATION  FCEDS 590D VAR. CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
*******  SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP TEACHER ED  FCEDS 590E VAR. CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCCUPATN ED  FCEDS 590F VAR. CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
*******  SEE DEPT FOR REFERENCE NUMBERS

FAMILY & CONSUMER SCIENCES ED & STUDIES

SPCL TOPICS GENERAL  FCEDS 590G VAR. CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RES METHDOL   FCEDS 590H VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INT'L EDUC   FCEDS 590I VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ED GERONTOL   FCEDS 590J VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN RELAT   FCEDS 590K VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPECL NEEDS   FCEDS 590L VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAM LIFE ED   FCEDS 590M VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUM SEXUALT   FCEDS 590N VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP TECHNOLOGY   FCEDS 590O VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SUPERVISION   FCEDS 590P VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FMLY HEALTH   FCEDS 590Q VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSUMER ED   FCEDS 590R VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPL TOP DISTANCE ED   FCEDS 590S VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROFSN COMM   FCEDS 590T VAR.  CR.
PREREQ: 6 CREDITS IN FCS OR EDUCATION
  ********    SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT   FCEDS 599  VAR.  CR.
PREREQ: 9 GRAD CREDITS IN FCSED
  ********    SEE DEPT FOR REFERENCE NUMBERS
FAMILY & CONSUMER SCIENCES ED & STUDIES

RESEARCH

FCEDS 699 VAR. CR.

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

FAMILY FINANCIAL PLANNING

FAMILY SYSTEMS

FFP 520 3 CR.
8201600 XG ARRANGED
SECT XG: JAN 13 – MAY 15
CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU/515-294-5397.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW

FINANCIAL COUNSELING

FFP 535 3 CR.
8211600 XG ARRANGED
SECT XG: JAN 13 – MAY 15
CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU/515-294-5397.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW

ESTATE PLAN FAMILY

FFP 540 3 CR.
8212600 XG ARRANGED
SECT XG: JAN 14 – MAY 8
CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU/515-294-5397.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW

HOUSING & FINANCIAL PLAN

FFP 541 3 CR.
8213600 XG ARRANGED
SECT XG: JAN 12 – MAY 8
CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW

INSURANCE PLAN FAMILY

FFP 555 3 CR.
8216600 XG ARRANGED
SECT XG: JAN 14 – MAY 9
CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU/515-294-5397.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW

PRO PRACTICE FIN PLAN

FFP 570 3 CR.
8217600 XG ARRANGED
SECT XG: JAN 15 – MAY 15
CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU/515-294-5397.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW
FINANCE

PRINCIPAL OF FINANCE    FIN    301    3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: ACCT 284, ECON 101, STAT 226
SEC A1,B1 RESTRICTED TO BUSINESS COLLEGE
UNDERGRAD MAJORS ONLY. SEC A2,B2 FOR ALL OTHER
COLLEGES. NOT OPEN TO P BUS MAJORS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
3689005  A1 MW 10:00-10:50
CONCURRENT ENROLLMENT OR PRIOR CREDIT IN OSCM 320
IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT
SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370,
MKT 340 AND LSCM 360.
3689010  A2 MW 10:00-10:50
3689015  B1 TR 11:00-11:50
3691010  A1 MWF 11:00-11:50
3691015  B1 TR 11:00-11:50
CORPORATE FINANCE    FIN    310    3 CR.
PREREQ: 301
SEC A1,B1,ETC RESTRICTED TO FINANCE MAJORS.
SEC A2,B2,ETC FOR BUSINESS MAJORS ONLY. NOT OPEN
TO P BUS MAJORS OR GRADUATE STUDENTS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
3691005  A1 MWF 9:00-9:50
3691010  A2 MWF 9:00-9:50
3691015  B1 TR 11:00-12:15
3692005  A1 TR 9:30-10:45
3692010  A2 TR 9:30-10:45
3692015  B1 TR 11:00-12:15
3692020  B2 TR 11:00-12:15
INVESTMENTS    FIN    320    3 CR.
PREREQ: 301
SEC A1,B1,C1 RESTRICTED TO FIN MAJORS ONLY.
SEC A2,B2,C2 FOR ACCT, BUS S, BUS U, I BUS, MGMT,
MIS, MKT, OSCM, LSCM MAJORS ONLY.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
3691005  A1 MWF 10:00-10:50
3691010  A2 MWF 10:00-10:50
3691015  B1 TR 11:00-12:15
3692005  A1 TR 9:30-10:45
3692010  A2 TR 9:30-10:45
3692015  B1 TR 11:00-12:15
3692020  B2 TR 11:00-12:15
3692025  C1 MWF 9:00-9:50
3692030  C2 MWF 9:00-9:50
<table>
<thead>
<tr>
<th>Course Name</th>
<th>Code</th>
<th>Credits</th>
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<tbody>
<tr>
<td>FINAN MKTS &amp; INSTITUT</td>
<td>FIN 330</td>
<td>3 CR.</td>
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<tr>
<td><strong>Prerequisites:</strong> 301</td>
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<tr>
<td><strong>Course Description:</strong> Permission of college required to add during 1st week; go to 1200 Gerdin</td>
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<td><strong>Sections:</strong></td>
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<td>6829005 A MWF 1:10-2:00</td>
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<td>6829010 B MWF 12:10-1:00</td>
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<tr>
<td>6829015 C MWF 11:00-11:50</td>
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<tr>
<td>PERSONL RISK MGT &amp; INS</td>
<td>FIN 361</td>
<td>3 CR.</td>
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<td><strong>Prerequisites:</strong> ECON 101</td>
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<tr>
<td><strong>Course Description:</strong> Permission of college required to add during 1st week; go to 1200 Gerdin</td>
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<td><strong>Sections:</strong></td>
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<td>3693005 A TR 11:00-12:20</td>
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<td>REAL ESTATE PRINCIP</td>
<td>FIN 371</td>
<td>3 CR.</td>
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<tr>
<td><strong>Prerequisites:</strong> ECON 101</td>
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<tr>
<td><strong>Course Description:</strong> Permission of college required to add during 1st week; go to 1200 Gerdin</td>
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<tr>
<td><strong>Sections:</strong></td>
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<tr>
<td>3690005 A T 6:10-9:00 PM</td>
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<tr>
<td>3690010 B M 6:10-9:00 PM</td>
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<tr>
<td>FIN FUTURES &amp; OPTIONS</td>
<td>FIN 424</td>
<td>3 CR.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong> 320, STAT 326</td>
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<tr>
<td><strong>Course Description:</strong> Permission of college required to add during 1st week; go to 1200 Gerdin</td>
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<tr>
<td><strong>Sections:</strong></td>
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<tr>
<td>3697005 A TR 12:40-2:00</td>
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<tr>
<td>SECUR ANALY &amp; PORTFOL</td>
<td>FIN 425</td>
<td>3 CR.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong> 320, STAT 326, PERMISSION OF INSTRUCTOR</td>
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<tr>
<td><strong>Course Description:</strong> Permission of college required to add during 1st week; go to 1200 Gerdin</td>
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<td><strong>Sections:</strong></td>
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<tr>
<td>7201005 A TR 2:10-3:30</td>
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<tr>
<td>COLLEGE PERMISSION REQUIRED - GO TO 1200 GERDIN</td>
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<tr>
<td>FIX-INCM SECURT MGT</td>
<td>FIN 427</td>
<td>3 CR.</td>
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<tr>
<td><strong>Prerequisites:</strong> 301; STAT 326</td>
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<tr>
<td><strong>Course Description:</strong> Permission of college required to add during 1st week; go to 1200 Gerdin</td>
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<td><strong>Sections:</strong></td>
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<tr>
<td>8528005 A MW 3:40-4:55</td>
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<tr>
<td>BANK MGT DECISIONS</td>
<td>FIN 445</td>
<td>3 CR.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong> STAT 326 AND FIN 330 OR ECON 353</td>
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<tr>
<td><strong>Course Description:</strong> Permission of college required to add during 1st week; go to 1200 Gerdin</td>
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<td><strong>Sections:</strong></td>
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<tr>
<td>3696005 A T 6:00-9:00 PM</td>
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<tr>
<td>CORPOR RISK MGT &amp; INS</td>
<td>FIN 462</td>
<td>3 CR.</td>
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<tr>
<td><strong>Prerequisites:</strong> 301, STAT 326</td>
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<tr>
<td><strong>Course Description:</strong> Permission of college required to add during 1st week; go to 1200 Gerdin</td>
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<tr>
<td><strong>Sections:</strong></td>
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<tr>
<td>9268005 A TR 9:30-10:45</td>
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</tbody>
</table>

**FINANCE**

REAL ESTATE FINANCE FIN 472 3 CR.
PREREQ: 301, STAT 326  
COURSE RESTRICTED TO FIN MAJORS ONLY.  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
PERMISSION OF COLLEGE REQUIRED TO ADD DURING  
1ST WEEK; GO TO 1200 GERDIN  
4555005 A W 5:10-8:00PM  
4555010 B R 5:10-8:00PM

INTERNATIONAL FINANCE  
FIN 480  3 CR.  
PREREQ: FIN 301, STAT 326  
COURSE RESTRICTED TO FIN MAJORS ONLY.  
5131005 A TR 3:40-5:00  
5131010 B TR 2:10-3:30

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

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

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

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

FIN VALUATION & CORPORATION DECISIONS  
FIN 505  2 CR.  
PREREQ: GRADUATE CLASSIFICATION  
COURSE RESTRICTED TO BUSAD GRADUATE MAJORS  
9124005 R M 8:30-11:50  
P 1:10-4:30  
SECT R: JAN 12-MARCH 6  
MEETS MONDAYS JAN 22-MARCH 5 AND FRIDAY, JAN 19  
9124010 S S 8:30-12:00  
S 1:00-4:30  
SECT S: JAN 10-FEB 28  
MEETS AFTERNOONS ONLY JAN 13-FEB 3. MEETS  
MORNINGS ONLY FEB 10-MARCH 3.  
9124600 XA M 5:45-9:15PM  
DARK F  
SECT XA: JAN 12-MARCH 2  
CONTACT DEBBIE JOHNSON FOR PERMISSION TO REGISTER  
AT 515-294-8118/JLJOHNS@IASTATE.EDU.  
DEPARTMENT PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
SECTION XA IS OFF CAMPUS.  
DELIVERY IS ON-SITE INSTRUCTION
FINANCE

CASE STUDY FIN DECISION FIN 515 3 CR.
PREREQ: 505
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7163005  A T 6:00-9:30PM
SECT A: JAN 13-APRIL 7
7163600  XA W 5:45-9:15PM  STOVER R
SECT XA: JAN 14-APRIL 8
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION

INVESTMENTS
FIN 520 3 CR.
PREREQ: 505
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
3704600  XA M 5:45-9:15PM  PORTER R
SECT XA: JAN 12-APRIL 6
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION

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

FOOD SCIENCE & HUMAN NUTRITION

FOOD & THE CONSUMER FS HN 101 3 CR.
PREREQ: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
3659005 1 MWF 11:00-11:50
3659600  XW ARRANGED
SECT XW: JAN 12-MAY 8
DELIVERY FEE $99.00. FOR PERMISSION TO REGISTER
CONTACT LORI YOUNGBERG AT 515-294-7656 OR
LYOUNG@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

ORIENTATION
FS HN 110 1 CR.
SATISFACTORY-FAIL ONLY.
3661005  TR 2:10-3:00
JAN 12-MARCH 6

FUND OF FOOD PREPARATION FS HN 111 3 CR.
PREREQ: 101 OR 167; H.S. CHEMISTRY OR CHEM 160
COURSE RESTRICTED TO HRI, FCEDS MAJORS ONLY
MATERIALS FEE $45.00
3602005 1 MW 9:00-9:50
M 1:10-4:00
3602010 2 MW 9:00-9:50
W 1:10-4:00
3602015 3 MW 9:00-9:50
F 1:10-4:00

DEVELOPMENTAL LEARNERS & LEADERS FS HN 114X 2 CR.
PREREQ: 112
8117005  ARRANGED

GRAPE & WINE SCIENCE FS HN 120X 3 CR.
PREREQ: HIGH SCHOOL BIOLOGY AND CHEMISTRY
3190005  MWF 12:10-1:00
FOOD SCIENCE & HUMAN NUTRITION

INTRO HUMAN NUTRITION FS HN 167 3 CR.
PREREQ: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
3600005 1 MWF 8:00-8:50
3600010 2 MWF 8:00-8:50
SEC 2 RESTRICTED TO C H E, EX SF, HHP MAJORS
3600600 XW ARRANGED MARTIN R
SECT XW: JAN 12-MAY 8
THIS COURSE HAS A DELIVERY FEE OF $20.00 IN ADDITION TO TUITION.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

ISSU FOOD SCI&NUTRIS FS HN 203 1 CR.
8685005 1 M 12:10-1:00
8685010 2 R 8:00-8:50
8685015 3 P 10:00-10:50

SCIENTIF STUDY FOOD FS HN 214 5 CR.
PREREQ: 167 OR 261; CHEM 231 OR 331
MATERIALS FEE $60.00
3603005 1 MWF 1:10-2:00
TR 9:00-11:50
3603010 2 MWF 1:10-2:00
TR 1:10-4:00

FUND HUMAN NUTRITION FS HN 261 2 CR.
PREREQ: CREDIT OR ENROLLMT IN BBMB 301 OR BIOL 302
5573005 1 WF 3:10-4:00

NUTRI ACTIV LIFESTYL FS HN 265 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN BBMB 301
6232005 1 TR 11:00-12:20

COOPERATV EDUCATION FS HN 298 R CR.
PREREQ: PERMSN OF DEPT CHAIR; SOPH CLASSIFICATION
3551005 1 ARRANGED

WORLD FOOD ISSUES FS HN 342 3 CR.
PREREQ: JUNIOR CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1923005 1 TR 11:00-12:20 ZDORKOWSKI G
1923010 2 MWF 11:00-11:50 FORD C
SEC. 2 RESTRICTED AGRON, DIETA, DIETH, FS A, S A,
FS H, NS A, NS H, FDEXA AND FDEXH MAJORS ONLY.
1923015 3 TR 2:10-3:30 ZDORKOWSKI G
1923020 4 MWF 1:10-2:00 FORD C
SEC. 4 RESTRICTED AGRON, DIETA, DIETH, FS A,
FS H, NS A, NS H, FDEXA AND FDEXH MAJORS ONLY.
1923600 XW ARRANGED FORD C
SECT XW: JAN 12-MAY 8
DELIVERY FEE $99.00. FOR PERMISSION TO REGISTER
CONTACT LORI YOUNGBERG AT 515-294-7656 OR LYOUNG@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

UNIT OF FOOD PROCES FS HN 351 3 CR.
PREREQ: A COURSE IN CALCULUS, PHYS 106
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7085005 1 MWF 9:00-9:50
FOOD SCIENCE & HUMAN NUTRITION

NUTRITION ASSESSMENT  FS HN 361  2 CR.
PREREQ: CR OR ENROLLMT IN 360; 3 CREDITS IN STAT
MATERIALS FEE $40.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3608005  1 T 1:10-2:00
T 2:10-5:00
3608010  2 T 1:10-2:00
R 1:10-4:00

NUTRITION GROWTH & DEV  FS HN 362  3 CR.
PREREQ: 360; CR OR ENROLLMT IN A PHYSIOLOGY COURSE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7271005  1 MWF 2:10-3:00

COOPERATIVE EDUCATION  FS HN 398  R CR.
PREREQ: PERMSSN OF DEPT CHAIR; JUNIOR CLASSIFICATION
3596005  1 ARRANGED

FOOD LAWS & REGULATION  FS HN 403  2 CR.
PREREQ: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT
200 LEVEL OR ABOVE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3679005  1 MW 3:10-4:00

FOOD QUALITY ASSURANCE  FS HN 405  3 CR.
PREREQ: 214 OR 272 OR 471; STAT 101 OR 104
MATERIALS FEE $35.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3667005  1 MF 1:10-2:00
W 1:10-3:00

SAFETY FOOD FROM ANIMALS  FS HN 407  3 CR.
PREREQ: 420
1882005  1 TR 9:30-10:50

FOOD ANALYSIS  FS HN 410  3 CR.
PREREQ: 214 OR 311 OR BBMB 311 OR CHEM 211;
AST 115
MATERIALS FEE $40.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3668005  1 MW 10:00-10:50
T 9:00-11:50

FOOD INGREDIENTS INTERACTION  FS HN 411  2 CR.
PREREQ: 214 OR 311
MATERIALS FEE $45.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3613005  1 F 8:00-8:50
F 9:00-11:50

FOOD PRODUCT DEVELOPMENT  FS HN 412  4 CR.
PREREQ: 311 OR 411, 471
MATERIALS FEE $60.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3618005  1 TR 1:10-2:00
TR 2:10-5:00

DIETETICS MANAGEMENT  FS HN 441  5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: FOR STUDENTS ENROLLED IN THE DIETETIC
INTERNSHIP PROGRAM
4314005  ARRANGED

FOOD SCIENCE & HUMAN NUTRITION
MEDICAL DIETETICS I  FS HN 442      8 CR.
Satisfactory-Fail Only.
Prereq: For students enrolled in the dietetic internship program.
4316600  XV Arranged ANDERSON J
Sec. XV: Dec 31-May 8
Contact Jean Anderson for permission to register
At 515-294-7316/JANDERSO@IASTATE.EDU. This course
has a delivery fee of $300.00 in addition to tuition.
Instructor permission required; process
Approved Add slip in 10 Alumni Hall
Section XV is off campus.
Delivery is WWW

4316605  XW Arranged ANDERSON J
Sec. XW: Dec 31-May 8
Contact Jean Anderson for permission to register
At 515-294-7316/JANDERSO@IASTATE.EDU. This course
has a delivery fee of $300.00 in addition to tuition.
Instructor permission required; process
Approved Add slip in 10 Alumni Hall
Section XW is off campus.
Delivery is WWW

MEDICAL DIETETICS II  FS HN 443      3 CR.
Satisfactory-Fail Only.
Prereq: Concurrent enrollment in 442. For students
enrolled in the dietetic internship program.
4594600  XV Arranged ANDERSON J
Sec. XV: Jan 5-May 30
Contact Jean Anderson for permission to register
At 515-294-7316/JANDERSO@IASTATE.EDU. This course
has a delivery fee of $50.00 in addition to tuition.
Instructor permission required; process
Approved Add slip in 10 Alumni Hall
Section XV is off campus.
Delivery is WWW

4594605  XW Arranged ANDERSON J
Sec. XW: Jan 5-May 30
Contact Jean Anderson for permission to register
At 515-294-7316/JANDERSO@IASTATE.EDU. This course
has a delivery fee of $50.00 in addition to tuition.
Instructor permission required; process
Approved Add slip in 10 Alumni Hall
Section XW is off campus.
Delivery is WWW

EXPER COMMUNITY DIET  FS HN 445      5 CR.
Satisfactory-Fail Only.
Prereq: For students enrolled in the dietetic
internship program.
4331005  Arranged
4331600  XV Arranged ANDERSON J
Sec. XV: Dec 31-May 8
Contact Jean Anderson for permission to register
At 515-294-7316/JANDERSO@IASTATE.EDU. This course
has a delivery fee of $50.00 in addition to tuition.
Instructor permission required; process
Approved Add slip in 10 Alumni Hall
Section XV is off campus.
Delivery is WWW

4331605  XW Arranged ANDERSON J
Sec. XW: Dec 31-May 8
Contact Jean Anderson for permission to register
At 515-294-7316/JANDERSO@IASTATE.EDU. This course
has a delivery fee of $50.00 in addition to tuition.
Instructor permission required; process
Approved Add slip in 10 Alumni Hall
FOOD SCIENCE & HUMAN NUTRITION

EXPER COMMUNITY DIET    FS HN 445    5 CR.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

DIETETICS EXPERIENC    FS HN 446    2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: FOR STUDENTS ENROLLED IN DIETETIC INTERNSHIP
6633005    ARRANGED

PROF DEVEL ASSESMT    FS HN 448    1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: CONCURRENT ENROLLMENT DIETETIC INTERNSHIP
6885005    1 ARRANGED
6885600    XV ARRANGED    ANDERSON J
SECT XV:DEC 31-MAY 8
CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER
AT 515-294-7316/JANDERSO@IASTATE.EDU. THIS COURSE
HAS A DELIVERY FEE OF $50.00 IN ADDITION TO TUITION.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

MED NUTRI I ASSESMT    FS HN 461A    1 CR.
7936600    XV ARRANGED    ST G
SECT XV:JAN 12-MAY 8
CONTACT ALISON ST. GERMAIN FOR PERMISSION TO REGISTER
AT 515-294-3011/ALLISONST@IATAE.EDU.
THIS COURSE HAS A DELIVERY FEE OF $20.00 IN ADDITION TO TUITION.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

MED NUTRI I GASTROI    FS HN 461B    1 CR.
7939600    XV ARRANGED    ST G
SECT XV:JAN 12-MAY 8
CONTACT ALISON ST. GERMAIN FOR PERMISSION TO REGISTER
AT 515-294-3011/ALLISONST@IATAE.EDU.
THIS COURSE HAS A DELIVERY FEE OF $20.00 IN ADDITION TO TUITION.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

MED NUTRI I DIABE    FS HN 461C    1 CR.
7940600    XV ARRANGED    ST G
SECT XV:JAN 12-MAY 8
CONTACT ALISON ST. GERMAIN FOR PERMISSION TO REGISTER
AT 515-294-3011/ALLISONST@IATAE.EDU.
THIS COURSE HAS A DELIVERY FEE OF $20.00 IN ADDITION TO TUITION.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
FOOD SCIENCE & HUMAN NUTRITION

MED NUTRI I CARDIAC FS HN 461D 1 CR.
7941600 XW ARRANGED ST G
SECT XW: JAN 12-MAY 8
CONTACT ALISON ST. GERMAIN FOR PERMISSION TO REGISTER AT 515-294-3011/ALLISONST@IATATE.EDU.
THIS COURSE HAS A DELIVERY FEE OF $20.00 IN ADDITION TO TUITION.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

MED NUTRI & DISEAS II FS HN 464 3-4 CR.
PREREQ: 360, 461, 3 CR IN PHYSIOLOGY AT 300 LEVEL OR ABOVE
EQUIPMENT USE FEE $10.00
4599005 A TR 9:30-10:50
SEC A OFFERED FOR 3 CREDITS SPRING 2009.
4599010 B TR 9:30-10:50
R 11:00-11:50
SEC B OFFERED FOR 4 CREDITS SPRING 2009.

MED NUTRIT II RENAL FS HN 464A 1 CR.
7946600 XW ARRANGED ST G
SECT XW: JAN 12-MAY 8
CONTACT ALISON ST. GERMAIN FOR PERMISSION TO REGISTER AT 515-294-3011/ALLISONST@IATATE.EDU.
THIS COURSE HAS A DELIVERY FEE OF $20.00 IN ADDITION TO TUITION.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

MED NUTR II HYPOMETB FS HN 464B 1 CR.
7960600 XW ARRANGED ST G
SECT XW: JAN 12-MAY 8
CONTACT ALISON ST. GERMAIN FOR PERMISSION TO REGISTER AT 515-294-3011/ALLISONST@IATATE.EDU.
THIS COURSE HAS A DELIVERY FEE OF $20.00 IN ADDITION TO TUITION.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

MED NUTR II LIFESPAN FS HN 464C 1 CR.
7965600 XW ARRANGED ST G
SECT XW: JAN 12-MAY 8
CONTACT ALISON ST. GERMAIN FOR PERMISSION TO REGISTER AT 515-294-3011/ALLISONST@IATATE.EDU.
THIS COURSE HAS A DELIVERY FEE OF $20.00 IN ADDITION TO TUITION.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

NUTR COUNSEL & METHD FS HN 466 3 CR.
PREREQ: 203, 362, SP CM 212
3616005 1 MW 9:00-10:50
3616600 XW ARRANGED BASSLER E
SECT XW: JAN 12-MAY 1
THIS COURSE HAS A DELIVERY FEE OF $20.00 IN
ADDITION TO TUITION.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW
FOOD SCIENCE & HUMAN NUTRITION

SEM FOOD SCI & NUTR  FS HN 480  1 CR.
PREREQ: 203, SENIOR CLASSIFICATION IN THE DEPARTMENT
3611005  1 MW 12:10-1:00
   SECT 1: JAN 12-MARCH 6
3611010  2 MW 12:10-1:00
   SECT 2: MARCH 9-MAY 8
3611015  3 MW 3:10-4:00
   SECT 3: JAN 12-MARCH 6

ISSUES FOOD SAFETY  FS HN 489  1 CR.
PREREQ: 419 OR 420; 403; CREDIT OR ENROLLMENT IN 101 OR 272 OR HRI 233
8347005  MW 3:10-4:00
   MARCH 9-MAY 8

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

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

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

INDEP STUDY HONORS  FS HN 490H  1-6 CR.
PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS.
*******  SEE DEPT FOR REFERENCE NUMBERS

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

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

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

COOPERATV EDUCATION   FS HN 498   R CR.
PREREQ: PERMISSION OF DEPT CHAIR; SENIOR CLASSIFICATION
3601005   1 ARRANGED

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

ADV FOOD SCI - CHEM   FS HN 502   1 CR.
PREREQ: 3 CREDITS IN ORGANIC CHEMISTRY
3606005   1 TR 2:10-3:30
SECT 1: JAN 12- FEB 13

ADV FOOD SCI: PROCES   FS HN 503   1 CR.
PREREQ: 3 CREDITS EACH IN PHYSICS AND MATH
3625005   1 TR 2:10-3:30
SECT 1: FEB 10- MARCH 19

ADV FOOD SCI: MICROB   FS HN 504   1 CR.
PREREQ: 3 CR EACH MICROBIOLOGY & ORGANIC CHEMISTRY
3632005   1 TR 2:10-3:30
SECT 1: MARCH 24-APRIL 23

SAFTY FOOD FROM ANI   FS HN 507   3 CR.
PREREQ: MICRO 420
2196005   A TR 9:30-10:50

FOOD PRODUCT DEVELOP   FS HN 512   4 CR.
PREREQ: 311 OR 411, 471
MATERIALS FEE $60.00
5580005   1 TR 1:10-2:00
TR 2:10-5:00

MICROBIOLOGY OF FOOD   FS HN 521X   2 CR.
PREREQ: MICROBIOLOGY WITH LABORATORY
8307600   XG ARRANGED
SECT XG: JAN 15- MAY 15
FOR PERMISSION TO REGISTER CONTACT LORI
YOUNGBERG AT 515-294-7656 OR LYOUNG@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW

FOOD SAFETY & SECRTY   FS HN 523X   2 CR.
PREREQ: MICROBIOLOGY WITH LABORATORY
8328600   XG ARRANGED
SECT XG: JAN 15- MAY 15
FOR PERMISSION TO REGISTER CONTACT LORI
YOUNGBERG AT 515-294-7656 OR LYOUNG@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW

PRINCIPLES OF HACCP   FS HN 525X   2 CR.
PREREQ: UNDERGRAD BIOL AND CHEM COURSES
5570600   XG ARRANGED
SECT XG: JAN 15- MAY 15
FOR PERMISSION TO REGISTER CONTACT LORI
YOUNGBERG AT 515-294-7656 OR LYOUNG@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
FOOD SCIENCE & HUMAN NUTRITION

PRIN INDU PD DEFENS  FS HN 528X  1 CR.
PREREQ: ENROLLMENT IN FOOD SAFETY AND DEFENSE
GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
6969600  XG ARRANGED
SECT XG: JAN 15-MAY 15
FOR PERMISSION TO REGISTER CONTACT LORI YOUNGBERG AT 515-294-7656 OR LYOUNG@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW

INTRO DNA TECHNIQS  FS HN 542A  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7123005  TR 1:10-2:00
TR 2:10-4:00
JAN 13-FEB 5

INTR PROTEIN TECHNQ  FS HN 542B  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7124005  TR 1:10-2:00
TR 2:10-4:00
FEB 10-MARCH 19

INTRO CELL TECHNIQS  FS HN 542C  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7130005  TR 1:10-2:00
TR 2:10-4:00
MARCH 24-APRIL 23

INTR PLNT TRNSFM TQ  FS HN 542D  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7131005  ARRANGED

PROF DEVEL ASSESSMT  FS HN 548  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: CONCURRENT ENROLLMENT IN DIETETIC INTERNSHIP OR MFCS DIETETIC OPTION
6980005  1 ARRANGED

NUTR COUNS&ED METHD  FS HN 566  3 CR.
PREREQ: GRAD STUDENT STATUS
SCHEDULED HOURS ARE FOR EXAMS AND PROJECT CONFERENCES.
2223005  1 MW 9:00-10:50
2223600  XW ARRANGED BASSLER E
SECT XW: JAN 12-MAY 1
THIS COURSE HAS A DELIVERY FEE OF $20.00 IN ADDITION TO TUITION.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

SEMINAR  FS HN 581  1 CR.
SATISFACTORY-FAIL ONLY.
7974005  T 11:00-11:50

FOOD SCIENCE & HUMAN NUTRITION

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

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

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

CREATIVE COMPONENT   FS HN 599  VAR.  CR.
3213005     ARRANGED
3213045  MT ARRANGED   ROWLING M

INSTRU MEAS FD QUAL   FS HN 606  3 CR.
PREREQ: 311 OR 411 OR 502 OR BBMB 404
MATERIALS FEE $40.00
3649005  TR 9:00-9:50
         R 10:00-12:50

FOOD LIPIDS           FS HN 612  3 CR.
PREREQ: 311 OR 411 OR 502 OR BBMB 404
3682005  1 MWF 9:00-9:50

FOOD CARBOHYDRATES    FS HN 614  3 CR.
PREREQ: 311 OR 411 OR 502 OR BBMB 404
3684005  MWF 1:10-2:00

ADV FOOD MICROBIOLOG   FS HN 626  3 CR.
PREREQ: 420 OR 421 OR 504
3685005  TR 2:10-3:25

MODERN VIEWS NUTRI    FS HN 680  R CR.
3656005  W 4:10-5:00   RUSSELL J

SEMINAR               FS HN 681  1 CR.
3648005  W 4:10-5:00

RESRCH FOOD SCI&TEC   FS HN 699  VAR.  CR.
SATISFACTORY-FAIL ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

WOOD PROPERTIES &ID FOR   FS 280  4 CR.
1420005  A TR 9:30-10:50   STOKKE D
         T 12:10-3:00   STOKKE D

PESTICIDE APPL CERT FOR   FS 283  2 CR.
5219005  MW 2:10-3:00

SPL PROB LEADERSHIP FOR   FS 290A  1- 4 CR.
PREREQ: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
7928005  ARRANGED

SPL PROB ECOSYS MGT FOR   FS 290B  1- 4 CR.
PREREQ: FRESH OR SOPH CLASSIF, INSTRUCTOR PERMISSION
7929005  ARRANGED
FORESTRY

SPRING PRB RESRC CNSRV FOR 290C 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7930005 ARRANGED

SPR PRB URB&COMMUN FOR 290D 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7931005 ARRANGED

SPR PROB WOOD SCIEN FOR 290E 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7932005 ARRANGED

SILVICULTURE FOR 302 3 CR.
PREREQ: 201
FIELD TRIPS & TRAVEL FEE $15.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3718005 A MF 2:10-3:00
W 2:10-5:00

FOREST INCT&DIS EC FOR 416 4 CR.
PREREQ: 8 CR IN BIOL SCI, INCLUDING BIOL 211
FIELD TRIPS & TRAVEL FEE $10.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3729005 1 TR 11:00-12:20
T 12:10-3:00

FOREST RESOURC ECON FOR 451 4 CR.
PREREQ: 203, ECON 101, MATH 150
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3731005 A MWF 10:00-10:50
M 3:10-6:00PM

RESOURCE POLICY&ADM FOR 453 3 CR.
PREREQ: 451
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3733005 A MWF 12:10-1:00

FORESTRY PRACTICUM FOR 454 3 CR.
PREREQ: 20 CREDITS IN STUDENT’S MAJOR AT
300 LEVEL OR ABOVE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3734005 A F 9:00-9:50
MW 8:00-9:50

CR COMP FOR BIOLOGY FOR 599A 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMTRY FOR 599B 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CR COMP FO&REC ECON FOR 599C 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

FORESTRY
CR COMP FOR MGT&ADM FOR 599D 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO WOOD SCI FOR 599E 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

RES SEMNR PLT PHYSL FOR 696P 1 CR.
SATISFACTORY-FAIL ONLY.
3910005 W 4:10-5:00

FOREST BIOLOGY RSRCH FOR 699A 1-12 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RSRCH FOR 699B 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&ADMIN RSRCH FOR 699D 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RSRCH FOR 699E 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOLOGICAL FOR 699F 1-12 CR.
******* SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTARY FRENCH II FRNCH 102 4 CR.
PREREQ: 101
STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
SCHOOL FRENCH MAY NOT ENROLL IN 102.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3804005 1 MTWF 9:00-9:50
3804010 2 MTWF 10:00-10:50
3804015 3 MTWF 11:00-11:50
3804020 4 MTWF 1:10-2:00

INTERMEDIATE FRENCH II FRNCH 202 4 CR.
PREREQ: 201
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3809005 1 MTWF 10:00-10:50
3809010 2 MTWF 1:10-2:00
3809015 3 MTWF 2:10-3:00
FRENCH

BUSINESS FRENCH       FRNCH 304      3 CR.
PREREQ: 301 OR INSTRUCTOR PERMISSION
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5887005   1 TR 9:30-10:50

PRONUNCIAT&PHONETCS   FRNCH 310      1 CR.
PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 301
MATERIALS AND EQUIPMENT USE FEE $25.00
6201005     MW 11:00-11:50         GOODMAN N
JAN 12-MARCH 6

INTRO TEXTUAL ANALY   FRNCH 314      3 CR.
PREREQ: 301
MATERIALS AND EQUIPMENT USE FEE $25.00
6179005   1 TR 9:30-10:50          BASZCZYNSKI M
6179010   2 TR 12:40-2:00          BASZCZYNSKI M

FRNCH LIT TRADITION   FRNCH 334      3 CR.
PREREQ: 314
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3816005   1 MWF 12:10-1:00

MODERN FRANCE&CIVLZ   FRNCH 472      3 CR.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3815005   1 MWF 2:10-3:00

INDEPENDENT STUDY     FRNCH 490   1- 6 CR.
PREREQ: PERMISSION OF FRENCH STAFF AND DEPT CHAIR
NO MORE THAN 9 CREDITS IN FRNCH 490 MAY BE
APPLIED TOWARD GRADUATION
PERMISSION OF DEPARTMENT CHAIR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

FRENCH INTERNSHIP     FRNCH 499   1- 3 CR.
SATISFACTORY-FAIL ONLY.
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
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; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

GENETICS

HEREDITY & SOCIETY    GEN 260      3 CR.
PREREQ: ONE SEMESTER OF COLLEGE BIOL OR ANTHR 202
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313/301
AND 313L/301L, GEN/AGRON 320
3829005   1 TR 2:10-3:30

GENETICS
COOPERATIVE EDUCATION GEN 298 R CR.
PREREQ: PERMISSION OF DEPT COOPERATIVE EDUCATION
COORDINATOR; SOPHOMORE CLASSIFICATION
4225005 ARRANGED

PRINCIP OF GENETICS GEN 313 3 CR.
PREREQ: BIOL 211L & 212L
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313/301
AND 313L/301L, GEN/AGRON 320
9559005 1 MWF 12:10-1:00

GENETICS LABORATORY GEN 313L 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 313
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313/301
AND 313L/301L, GEN/AGRON 320
MATERIALS FEE $90.00
9560005 1 MW 1:10-2:30
9560010 2 MW 2:40-4:00
9560015 3 MW 5:10-6:30PM
9560020 4 MW 6:40-8:00PM
9560025 5 TR 9:00-10:20
9560030 6 TR 10:30-11:50
9560035 7 TR 1:10-2:30
9560040 8 TR 2:40-4:00
9560045 9 TR 5:10-6:30PM
9560050 10 TR 6:40-8:00PM

GENET, AGRI & BIOTECHN GEN 320 3 CR.
PREREQ: GEN 320 OR BIOL 313
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313/301
AND 313L/301L, GEN/AGRON 320
3539005 TR 8:00-9:20 LEE M

COOPERATIVE EDUCATION GEN 398 R CR.
PREREQ: PERMISSION OF DEPT COOPERATIVE EDUCATION
COORDINATOR; JUNIOR CLASSIFICATION
4262005 ARRANGED

MOLECULAR GENETICS GEN 411 3 CR.
PREREQ: BIOL 314
CREDIT FOR EITHER GEN 411 OR BCB/GEN 495, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3832005 A MWF 9:00-9:50

EVOLUTNARY GENETICS GEN 462 3 CR.
PREREQ: BIOL 315
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3835005 TR 9:30-10:50

GENETICS RESEARCH GEN 490R 1-5 CR.
PREREQ: GEN/BIOL 313, JR/SR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
AG COLLEGE STUDENTS MAY APPLY NO MORE THAN
6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS
REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD
GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
GENETICS

ATTEND&CRITIQ SEMNR GEN 490S 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GEN/BIOL 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
AG COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
****** SEE DEPT FOR REFERENCE NUMBERS

LAB TCHG EXPERIENCE GEN 490U 1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GEN/BIOL 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
AG COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
****** SEE DEPT FOR REFERENCE NUMBERS

COORDINATOR; SENIOR CLASSIFICATION
4281005 ARRANGED

GENETICS - INTERDISCIPLINARY

ETHICS &BIOLGCL SCI GENET 539X 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
8800005 ARRANGED

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

WORKSHIP IN GENETICS GENET 591 1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
9313005 W 3:10-4:00 MILLER W

GRAD RESEARCH ROTAT GENET 697 VAR. CR.
9316005 SR ARRANGED

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

GENETICS, DEVELOPMENT & CELL BIOL

MOLECULAR GENETICS GDCB 511 3 CR.
PREREQ: GEN/BIOL 313 AND BBMB 405
2943005 MWF 9:00-9:50

PLANT GROWTH&DEVELP GDCB 512 2 CR.
PREREQ: BIO 330 OR A COURSE IN DEVELOPMENTAL BIOLOGY; GDCB 545 OR BBMB 404, 405 OR GDCB 520
2114005 MW 10:00-10:50

STAT MOLECULR GENET GDCB 537 3 CR.
PREREQ: 401, 447; GEN 320 OR BIOL 313
GENETICS, DEVELOPMENT & CELL BIOL

COMP GENOMICS & EVOL  GDCB  538  3 CR.
PREREQ: GEN/BIOL 313
3014005 TR 3:40-5:00

STAT MTDS COMP BIOL  GDCB  539  2 CR.
PREREQ: BCB 568
3037005 TR 4:10-5:30

INTRO DNA TECHNIQS    GDCB  542A   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7089005 TR 1:10-2:00
TR 2:10-4:00
JAN 13-FEB 5

INTR PROTEIN TECHNQ    GDCB  542B   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7092005 TR 1:10-2:00
TR 2:10-4:00
FEB 10-MARCH 19

INTRO CELL TECHNIQS    GDCB  542C   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7096005 TR 1:10-2:00
TR 2:10-4:00
MARCH 24-APRIL 23

INTR PLNT TRNSFM TQ    GDCB  542D   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7098005 ARRANGED

ADV NEUROSCI TECHNQ    GDCB  557   2 CR.
PREREQ: NEURO 556 OR EQUIVALENT COURSE
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9566005

BIOINFORMATICS II    GDCB  568   3 CR.
PREREQ: BCB 567, BBMB 301, BIOL 315, STAT 401,
STAT 432, CREDIT OR ENROLLMENT IN GEN 411
5576005 TR 9:30-10:50

BIOINFORMATICS IV    GDCB  570   3 CR.
PREREQ: BCB 567, BIOL, 315, COM S 363, GEN 411,
STAT 401, STAT 432
5577005 TR 12:40-2:00

SPECIAL TOPICS     GDCB  590  VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
******  SEE DEPT FOR REFERENCE NUMBERS

CURRNT TOP NEUROBIO GDCB  661  2- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
7141005 ARRANGED

TRANSMS EL MICROSC  GDCB  681   5 CR.
PREREQ: 679, PERMISSION OF INSTRUCTOR
MATERIALS FEE $200.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENETICS, DEVELOPMENT &amp; CELL BIOL</td>
<td>W 12:10-1:00, F 8:00-8:50, W 1:00-4:00, F 9:00-9:50, F 12:30-4:00</td>
<td>GDCB 690A</td>
<td>1 CR.</td>
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<tr>
<td>CEL, MOL &amp; DEV BIO SEM</td>
<td>GDCB 690A</td>
<td>1 CR.</td>
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<td>PHYSIOLOGY SEMINAR</td>
<td>GDCB 690D</td>
<td>1 CR.</td>
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<tr>
<td>EVOLUTION SEMINAR</td>
<td>GDCB 690E</td>
<td>1 CR.</td>
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<tr>
<td>SEM BIOINFRT &amp; COMPU</td>
<td>GDCB 690H</td>
<td>1 CR.</td>
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<tr>
<td>RES SEMNR CELL BIOL</td>
<td>GDCB 696A</td>
<td>1 CR.</td>
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<tr>
<td>RES SEMNR NEUROBIOL</td>
<td>GDCB 696C</td>
<td>1 CR.</td>
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<tr>
<td>RES SEMNR EVOLUTION</td>
<td>GDCB 696E</td>
<td>1 CR.</td>
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<tr>
<td>RES SEMNR BIOINFRT</td>
<td>GDCB 696H</td>
<td>1 CR.</td>
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<tr>
<td>RES SEMNR PLT PHYSL</td>
<td>GDCB 696P</td>
<td>1 CR.</td>
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<tr>
<td>SEMN MOLEC, C, DV BIO</td>
<td>GDCB 698</td>
<td>1-2 CR.</td>
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<tr>
<td>RESEARCH</td>
<td>GDCB 699</td>
<td>VAR. CR.</td>
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GEOLOGY

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<tr>
<th>Course Code</th>
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<th>Location</th>
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</thead>
<tbody>
<tr>
<td>THE EARTH</td>
<td>GEOL 100</td>
<td>A MWF 11:00-11:50, B MWF 1:10-2:00</td>
<td>DAWSON J</td>
<td>3 CR.</td>
</tr>
<tr>
<td>THE EARTH: LAB</td>
<td>GEOL 100L</td>
<td>1 CR.</td>
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</table>

**Genetics, Development & Cell Biology**

- **CEL, MOL & DEV BIO SEM**: GDCB 690A, 1 CR.
- **PHYSIOLOGY SEMINAR**: GDCB 690D, 1 CR.
- **EVOLUTION SEMINAR**: GDCB 690E, 1 CR.
- **SEM BIOINFRT & COMPU**: GDCB 690H, 1 CR.
- **RES SEMNR CELL BIOL**: GDCB 696A, 1 CR.
- **RES SEMNR NEUROBIOL**: GDCB 696C, 1 CR.
- **RES SEMNR EVOLUTION**: GDCB 696E, 1 CR.
- **RES SEMNR BIOINFRT**: GDCB 696H, 1 CR.
- **RES SEMNR PLT PHYSL**: GDCB 696P, 1 CR.
- **SEMN MOLEC, C, DV BIO**: GDCB 698, 1-2 CR.

**Research**

- **GDCB 699**: VAR. CR.

**GEOLOGY**

- **THE EARTH**: GEOL 100, 3 CR.
  - A MWF 11:00-11:50
  - B MWF 1:10-2:00

- **THE EARTH: LAB**: GEOL 100L, 1 CR.
  - M 3:10-5:00

**The Earth**

- **GEOL 100**: 3 CR.
  - A MWF 11:00-11:50
  - B MWF 1:10-2:00

**The Earth: Lab**

- **GEOL 100L**: 1 CR.
  - T 10:00-11:50
  - T 1:10-3:00
  - R 1:10-3:00
  - R 10:00-11:50
### GEOLOGY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 101</td>
<td>ENVIRONMENTAL GEOLOGY</td>
<td>3 CR.</td>
<td>A MWF 10:00-10:50 WINDOM K</td>
</tr>
<tr>
<td>GEOL 102</td>
<td>HISTORY OF EARTH</td>
<td>3 CR.</td>
<td>A MWF 1:10-2:00</td>
</tr>
<tr>
<td>GEOL 102L</td>
<td>HIST OF EARTH: LAB</td>
<td>1 CR.</td>
<td>R 3:10-5:00</td>
</tr>
<tr>
<td>GEOL 160X</td>
<td>WORLD WATER RESOURCES</td>
<td>3 CR.</td>
<td>MWF 9:00-9:50 FRANZ K</td>
</tr>
<tr>
<td>GEOL 290</td>
<td>INDEPENDENT STUDY</td>
<td>2-4 CR.</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>GEOL 298</td>
<td>COOPERATIVE EDUC</td>
<td>R CR.</td>
<td>ARRANGED</td>
</tr>
<tr>
<td>GEOL 324</td>
<td>ENERGY &amp; THE ENVIRONMENT</td>
<td>3 CR.</td>
<td>MWF 9:00-9:50 JACOBSON C TR 9:00-11:50</td>
</tr>
<tr>
<td>GEOL 356</td>
<td>STRUCTURAL GEOLOGY</td>
<td>5 CR.</td>
<td>A MW 11:00-11:50 SIMPKINS W</td>
</tr>
<tr>
<td>GEOL 365</td>
<td>PETROLOGY</td>
<td>3 CR.</td>
<td>A MW 9:00-9:50 SPRY P TR 9:00-11:50</td>
</tr>
<tr>
<td>GEOL 398</td>
<td>COOPERATIVE EDUC</td>
<td>R CR.</td>
<td>ARRANGED</td>
</tr>
<tr>
<td>GEOL 416X</td>
<td>HYDROLOGIC MODELING ANALYSIS</td>
<td>3 CR.</td>
<td>MWF 11:00-11:50 FRANZ K</td>
</tr>
<tr>
<td>GEOL 434</td>
<td>CONTAMINATED HYDROGEOLOGY</td>
<td>3 CR.</td>
<td>TR 11:00-12:20</td>
</tr>
</tbody>
</table>

**Enrollment Details**
- **GEOL 101**: 7596005
- **GEOL 102**: 3874005
- **GEOL 102L**: 7597005
- **GEOL 160X**: 3241005
- **GEOL 290**: 3045005
- **GEOL 298**: 4828005
- **GEOL 324**: 3045005
- **GEOL 356**: 3882005
- **GEOL 365**: 3883005
- **GEOL 398**: 4829005
- **GEOL 416X**: 7497005
- **GEOL 434**: 1020005

**Prerequisites**
- **GEOL 101**: GEOL 100 or 201; GEOL MAJORS: Concurrent enrollment in GEOL 102L
- **GEOL 102**: PREREQ: 100 or 201; GEOL MAJORS: Concurrent enrollment in GEOL 102L
- **GEOL 160X**: MATERIALS FEE $15.00
- **GEOL 290**: PREREQ: PERMISSION OF INSTRUCTOR
- **GEOL 298**: PREREQ: 100 or 201, 100L, 102, 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR; SOPH CLASSIFICATION
- **GEOL 324**: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR FIELD TRIPS & TRAVEL FEE $0.00-$50.00
- **GEOL 356**: AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
- **GEOL 365**: FIELD TRIPS & TRAVEL FEE $0.00-$90.00 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
- **GEOL 398**: PREREQ: 100 or 201, 100L, 102, 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR; JUNIOR CLASSIFICATION
- **GEOL 416X**: PREREQ: MATH 165 OR MATH 181; PHYS 111 OR PHYS 221; GEOL 402 OR EQUIVALENT AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
- **GEOL 434**: PREREQ: 411 OR EQUIVALENT MATERIALS FEE $15.00 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
GEOLOGY

APPL&ENVIR GEOPHYSC GEOL 451 3 CR.
PREREQ: 100 OR 201; MATH 165 OR EQUIV EXPERIENCE
FIELD TRIPS & TRAVEL FEE $0.00-$10.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7599005 1 MW 10:00-10:50 BERESNEV I
F 10:00-11:50

GLACIAL &QUATERNARY GEOL 474 3 CR.
PREREQ: 100 OR 201 OR EQUIVALENT EXPERIENCE
FIELD TRIPS & TRAVEL FEE $0.00-$50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8422005 MW 2:10-3:00 IVerson n
R 1:10-3:00

ENVIRONM BIOGEOCHEM GEOL 483 4 CR.
PREREQ: ENSCI 381 OR 402 OR 402I
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4727005 MWF 1:10-2:00 RAICH J
W 2:10-4:00 RAICH J

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

UNDERGRAD SEMINAR GEOL 495 1 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION
8231005 F 4:10-6:00PM CERVATO C

COOPERATIVE EDUCATN GEOL 498 R CR.
PREREQ: GEOL 100 OR 201, 100L, 102, 102L, PERMISN OF DEPT COOP EDUC COORDINATOR; SENIOR CLASSIFICATION
4830005 ARRANGED

HYDROLGC MDLG ANLY GEOL 516X 3 CR.
PREREQ: MATH 165 OR MATH 181; PHYS 111 OR PHYS 221; GEOL 402 OR EQUIVALENT
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7498005 MWF 11:00-11:50 FRANZ K
MW 12:10-1:00

CONTAMIN HYDROGEOLOG GEOL 534 3 CR.
PREREQ: 511 OR EQUIVALENT
MATERIALS FEE $15.00
1021005 TR 11:00-12:20

APPL&ENVIR GEOPHYSC GEOL 551 3 CR.
PREREQ: 100 OR 201; MATH 165 OR EQUIV EXPERIENCE
FIELD TRIPS & TRAVEL FEE $0.00-$10.00
7602005 1 MW 10:00-10:50 BERESNEV I
F 10:00-11:50

INTR 3D VISUAL DATA GEOL 558X 3 CR.
7505005 TR 9:00-10:50 HARDING C

GLACIAL &QUATERNARY GEOL 574 3 CR.
PREREQ: 100 OR 201
FIELD TRIPS & TRAVEL FEE $0.00-$50.00
8423005 MW 2:10-3:00 IVerson n
R 1:10-3:00

GEOLOGY
ENVIRONM BIOGEOCHEM   GEOL  583   4 CR.
PREREQ: ENSCI 381 AND 402 OR 402I
5669005     MWF 1:10-2:00     RAICH J
W 2:10-4:00     RAICH J

GIS FOR GEOSCIEN II   GEOL  588X  3 CR.
PREREQ: FAMILIARITY WITH ARCGIS (A FOUNDATION SUCH AS: ENSCI 446, A E 405/525, A E 408/508, C R P451/551, NREM 446, GEOL 452/552, OR EQUIVALENT WITH INSTRUCTOR'S APPROVAL)
8728005     TR 2:10-4:00     HARDING C

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

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

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

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

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

SPCL TOP STRUCTURAL GEOL  590F  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL  590G  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

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

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

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

SPCL TOP GEOPHYSICS GEOL  590K  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP MINERALOGY GEOL  590L  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS
GEOLOGY

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

SP TOP PALEOECO&CLI GEOL 590N 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

GRADUATE SEMINAR GEOL 595A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SENIOR OR GRADUATE CLASSIFICATION
8219005 F 4:10-6:00PM

GRADUATE SEMINAR GEOL 595B R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SENIOR OR GRADUATE CLASSIFICATION
8220005 F 4:10-6:00PM CERVATO C

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

ADV SEM EARTH MTRLS GEOL 610A 1-3 CR.
PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
7605005 ARRANGED

ADV SEM ECONOM GEOL GEOL 610B 1-3 CR.
PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
7609005 ARRANGED

ADV SEM GEOTECTONIC GEOL 610E 1-3 CR.
PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
7606005 ARRANGED

ADV SEM HYDROGEOLOGY GEOL 610F 1-3 CR.
PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
7604005 ARRANGED

ADV SEM SURFIC PROC GEOL 610G 1-3 CR.
PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
7608005 ARRANGED

ADV SEM SED&STRATIG GEOL 610H 1-3 CR.
PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
7607005 ARRANGED

ADV SEM PALEOEC&CLI GEOL 610I 1-3 CR.
PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
6710005 ARRANGED
RES SURFICIAL PROC GEOL 699A VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

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

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

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

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

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

RES PALEEOCO&CLIMAT GEOL 699N VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

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

RSRCH CMPUT MTH&GIS GEOL 699P VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

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

GERMAN

ELEMENTRY GERMAN II GER 102 4 CR.
PREREQ: 101
STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL GERMAN MAY NOT ENROLL IN 102.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3950005 1 MTWR 10:00-10:50
3950010 2 MTWR 11:00-11:50
3950015 3 MTWR 1:10-2:00
3950020 4 MTWR 9:00-9:50
GERMAN

INTERMED GERMAN II  
GER 202  4 CR.
PREREQ: 201
TESTOUT NOT AVAILABLE IF ALSO REGISTERED
BUSINESS EMPHASIS
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3954005  1 MTWR 9:00-9:50
3954010  2 MTWR 10:00-10:50
SEC 2: BUSINESS EMPHASIS

COMPOSITION
GER 302  3 CR.
PREREQ: 301
MATERIALS AND EQUIPMENT USE FEE $25.00
3956005  1 MWF 1:10-2:00

CONVERSATION
GER 305  3 CR.
PREREQ: 202, CONCURRENT ENRLMT IN 302 RECOMMENDED
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
8405005  1 MWF 11:00-11:50

GERMANY TODAY
GER 320  3 CR.
PREREQ: 301 OR 304
MATERIALS AND EQUIPMENT USE FEE $25.00
3972005  1 MWF 3:10-4:30

GRIMMS' TALES
GER 375  3- 4 CR.
PREREQ: FOR FOURTH CREDIT: SIX CREDITS IN GERMAN AT THE 300 LEVEL
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
3960005  1 TR 12:40-2:00

GER FILM&MEDIA STDI
GER 378  3- 4 CR.
PREREQ: FOR FOURTH CREDIT: SIX CREDITS IN GERMAN AT THE 300 LEVEL
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7143005  1 T 6:00-9:00PM

GERMN STUDI COLLOQU
GER 440  1- 4 CR.
PREREQ: 302; 320 OR 330. FOURTH CREDIT REQUIRED FOR THE MAJOR.
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8981005  1 W 3:10-5:40

TOPCS GER CULTUR ST
GER 476  3- 4 CR.
PREREQ: FOR FOURTH CREDIT: SIX CREDITS IN GERMAN AT THE 300 LEVEL
TOPIC: GERMANY CULTURE
MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3958005  1 TR 2:10-3:30
3958020  2 TR 2:10-3:30, ARRANGED

INDEPENDENT STUDY
GER 490  1- 6 CR.
PREREQ: 6 CR IN GERMAN; PERMISSION OF DEPT CHAIR
NO MORE THAN 9 CREDITS IN GERMAN 490 MAY BE APPLIED TOWARD GRADUATION
PERMISSION OF DEPARTMENT CHAIR REQUIRED;
GERMAN

INTERNSHIP IN GERMAN  GER 499  1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 9 CREDITS OF GERMAN AT THE 300 LEVEL;
PERMISSION OF ADVISOR AND WORLD LANGUAGES AND
CULTURES INTERNSHIP COORDINATOR
NO MORE THAN 3 CREDITS OF GER 499 MAY BE APPLIED
TOWARD GRADUATION IN THE MAJOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

GERONTOLOGY

ENVIR FOR THE AGING  GERON 463  3 CR.
PREREQ: HD FS 360 OR 3 CR IN HOUSING, ARCH,
INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
FIELD TRIPS & TRAVEL FEE  $0.00-$10.00
MEETS U.S. DIVERSITY REQT.
9003005  TR 11:00-12:20

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

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

INDEPENDENT STUDY  GERON 490  VAR.  CR.
3052005  ARRANGED

SEM:MNTL HLTH&AGING  GERON 501E  3 CR.
8823600  XG ARRANGED
SECT XG:JAN 15-MAY 15
CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
KSMIDT@IASTATE.EDU/515-294-5397.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW

GERNTLG SEM GEROTEC  GERON 501H  3 CR.
8844600  XG ARRANGED
SECT XG:JAN 15-MAY 15
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW

SURV OF GERONTOLOGY  GERON 510  1- 3 CR.
3053005  ARRANGED

ADULT DEVELOPMENT  GERON 534  3 CR.
2631600  XG ARRANGED
SECT XG:JAN 19-MAY 15
CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
KSMIDT@IASTATE.EDU/515-294-5397.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW
SPRING 2009     Last Updated 10-03-2008

GERONTOLOGY

ENVIR FOR THE AGING   GERON 563      3 CR.
PREREQ: HD FS 360 OR 3 CR IN HOUSING, ARCH, INTERIOR DSGN, REHABILITATION, PSYCH OR HD FS
FIELD TRIPS & TRAVEL FEE $0.00-$10.00
MEETS U.S. DIVERSITY REQMT.
3807005     TR 11:00-12:20

AGING IN FAMILY SETT  GERON 577      3 CR.
PREREQ: 9 CREDITS IN SOCIAL SCIENCES
9006600     XG ARRANGED
SECT XG: JAN 20-MAY 15
CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU/515-294-5397.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW

SPECIAL TOPICS   GERON 590      VAR. CR.
3059005     ARRANGED

GRADUATE STUDIES

PREP FUTR FAC SM II   GR ST 586   1- 3 CR.
PREREQ: ADMISSION INTO PFF PROGRAM; COMPLETION
OF GR ST 585 OR PERMISSION OF INSTRUCTOR
7033005     ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

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

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

EXAMINATION ONLY   GR ST 600      R CR.
3972005     ARRANGED

REQUIRED ENROLLMENT GR ST 601      R CR.
COLLEGE PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4482005     ARRANGED

DOC PRELIM REGISTRA GR ST 680      R CR.
7349005     ARRANGED

GREEK

INDEPENDENT STUDY   GREEK 490   1- 6 CR.
PREREQ: 6 CR IN GREEK; PERMISSION OF DEPT CHAIR
NO MORE THAN 9 CREDITS IN GREEK 490 MAY BE
APPLIED TOWARD GRADUATION
PERMISSION OF DEPARTMENT CHAIR REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

HEALTH & HUMAN PERFORMANCE

ADV MEDIC ASPCT EXE  HHP  510  2 CR.
PREREQ: EX SP 358
  5782005  1 T 4:10-6:00PM

YOUTH SPORTS  HHP  531X  3 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  8816005  TR 3:40-5:00

ADV PHYSIOL EXER II  HHP  551  3 CR.
PREREQ: 505
COURSE RESTRICTED TO GRADUATE STUDENTS
  5792005  1 M 4:10-6:00PM
          W 4:10-6:00PM

ADV VERTEB PHYSL II  HHP  552  3 CR.
PREREQ: BIOL 355; CR OR ENRLMT IN BBMB 404 OR 420
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
  2348005  1 MWF 2:10-3:00

PRIN MOTR CNTRL&LRN  HHP  560  3 CR.
PREREQ: EX SP 372
  5794005  M 5:30-8:20PM

PHYS ACTVTY ASESMT  HHP  570X  3 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  8075005  TR 4:10-5:30

MEASUREMENT PHYS ED  HHP  571X  3 CR.
  8504005  1 TR 12:40-2:00

NEURAL BASIS HM MVT  HHP  572  3 CR.
PREREQ: EX SP 372 OR PSYCH 310
  7327005  MW 3:10-4:30

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

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

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

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

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

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

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

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

SUPV FIELD EXP P E  HHP  591A  1- 6 CR.
PREREQ: 10 GRAD CR IN HHP AND/OR RELATED AREAS
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP EX PHYS  HHP  591D  1- 6 CR.
PREREQ: 10 GRAD CR IN HHP AND/OR RELATED AREA
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR  HHP  615  1- 3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5812005  ARRANGED

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

HEALTH STUDIES

1ST AID &EMERG CARE  H S  105  2 CR.
MATERIALS AND EQUIPMENT USE FEE $10.00
4081005  A1 MWF 10:00-10:50
  SEC A1 RESTRICTED TO C H E, EX SP, HHP MAJORS
  ONLY
4081010  A2 MWF 10:00-10:50
  SEC A2 FOR MAJORS OTHER THAN C H E, EX SP, HHP
  MAJORS
4081015  B1 MWF 11:00-11:50
  SEC B1 RESTRICTED TO C H E, EX SP, HHP MAJORS
  ONLY
4081020  B2 MWF 11:00-11:50
  SEC B2 FOR MAJORS OTHER THAN C H E, EX SP, HHP
  MAJORS
4081025  C3 MWF 1:10-2:00
4081035  D1 TR 11:00-12:20
  SEC D1 RESTRICTED TO C H E, EX SP, HHP MAJORS
  ONLY
4081040  D2 TR 11:00-12:20
  SEC D2 RESTRICTED TO MAJORS OTHER THAN C H E,
  EX SP, HHP MAJORS
4081050  E3 TR 12:40-2:00

HEALTH STUDIES
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<td>PERS &amp; CONSUMER HLTH H S 110</td>
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<td>DRUG EDUCATION H S 215</td>
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<td>HEALTH ED ELEM SCHL H S 275</td>
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**Course Descriptions:**

- **PERS & CONSUMER HLTH H S 110**
  - Prerequisites: SEC A1/SEC A2 RESTRICTED TO EX SP, C H E, HHP, PDEXA Majors Only.

- **DRUG EDUCATION H S 215**
  - Prerequisites: PSYCH 101 OR 230

- **HEALTH ED ELEM SCHL H S 275**
  - Prerequisites: HD FS 102 OR 226

- **INSTR'S 1ST AID & CPR H S 305**
  - Prerequisites: 105, CURRENT STANDARD FIRST AID AND COMMUNITY CPR CERTIFICATION

- **COMMUN & PUBLIC HEALTH H S 310**
  - Prerequisites: 110

- **HUMAN DISEASES H S 350**
  - Prerequisites: 110 AND BIOL 255, 256
HEALTH STUDIES

TEACH-LEARN HLTH ED H S 375 3 CR.
PREREQ: 105, 110, 215
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; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
4089005 1 MWF 10:00-10:50
4089010 2 MWF 11:00-11:50

WRKSITE HLTH PROMOT H S 380 3 CR.
PREREQ: EX SP 258, 366, FS HN 167
COURSE RESTRICTED TO C H E, D EXA, D EXH, EX SP, HHP, KIN H JRS & SRS.
MATERIALS AND EQUIPMENT USE FEE $20.00
3795005 1 MWF 11:00-11:50

SEARCH STRAT EMPLOY H S 385 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JUNIOR CLASSIFICATION, TO BE TAKEN A MINIMUM OF TWO SEMESTERS PRIOR TO EX SP 485
COURSE RESTRICTED TO C H E, D EXA, D EXH, EX SP, HHP, KIN H JRS & SRS.
3789005 1 R 2:10-3:00
3789010 2 F 1:10-2:00

TEACH HEALTH ED SEC H S 417 12 CR.
PREREQ: 375, ADVANCE REGISTRATION REQUIRED
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $246.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
4091005 ARRANGED

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

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

HONORS INDEP STUDY H S 490H 1- 3 CR.
PREREQ: 6 CR IN H S, PERMISSION OF COORDINATOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

HIGHER EDUCATION

HIGHER EDUC IN U.S. HG ED 504 3 CR.
PREREQ: GRADUATE CLASSIFICATION
FOR HG ED STUDENTS ONLY - OTHERS BY INSTRUCTOR PERMISSION ONLY
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**PREREQ:** 6 GRADUATE CREDITS

COURSE RESTRICTED TO EL PS MAJORS ONLY.

**PREREQ:** 9 CREDITS IN EDUCATION

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

**PREREQ:** 9 CREDITS IN EDUCATION

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

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

**PREREQ:** 9 CREDITS IN EDUCATION

******* SEE DEPT FOR REFERENCE NUMBERS
HIGHER EDUCATION

SP TOP FED&STAT AFF   HG ED 590E  1- 4 CR.
PREREQ: 9 CREDITS IN EDUCATION
*******     SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED   HG ED 590F  1- 4 CR.
PREREQ: 9 CREDITS IN EDUCATION
*******     SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES   HG ED 590G  1- 4 CR.
PREREQ: 9 CREDITS IN EDUCATION
*******     SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN   HG ED 591   1- 4 CR.
PREREQ: 9 CREDITS GRADUATE WORK
*******     SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE SEMINAR      HG ED 598      3 CR.
PREREQ: COMPLETION OF 30 CREDITS IN EL PS
FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR
PERMISSION ONLY
6275005   1 M 2:10-5:00
6275010   2 TR 10:00-1:00
SECT 2:JAN 12-MARCH 6

CREATIVE COMPONENT    HG ED 599  VAR.  CR.
PREREQ: 9 CREDITS IN EDUCATION
*******     SEE DEPT FOR REFERENCE NUMBERS

SEMNR COMM COLLEGES   HG ED 615B  1- 4 CR.
4139600  XA FS 8:00-6:00PM         EBBERS L
SECT XA:JAN 30-31
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY DES MOINES

SEMN CURRENT ISSUES   HG ED 615C  1- 4 CR.
4140005     W 6:00-9:00PM
4140010   2 T 6:00-9:00PM
SECT 2:JAN 13-FEB 10
SECT 2 OFFERED FOR 1 CREDIT SPRING 2009.
TOPIC: EDUCATION FOR WHOLENESS: SOCIAL JUSTICE &
LIBERATION.
4140015  3 R 5:30-8:30PM
SECT 3 OFFERED FOR 3 CREDITS SPRING 2009.
TOPIC: DECOLONIZING PRAXIS: ANTI POST COLONIAL
THEORY. RESEARCH AND PRACTICE.

SEM FED & STATE AFF   HG ED 615E  1- 4 CR.
4142600  XA RF 9:00-5:00       WYNES T
SECT XA:MARCH 26-27
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY DES MOINES

FINANCING HIGHER ED   HG ED 665  3 CR.
PREREQ: 504
FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR
PERMISSION ONLY
4147005     W 6:00-9:00PM

HIGHER EDUCATION
ACAD ISSUES & CULTURS   HG ED 666      3 CR.
PREREQ: 504
FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR
PERMISSION ONLY
7319005   1 T 5:10-8:00PM

STUDENT DEV THRY II   HG ED 676      3 CR.
PREREQ: 576
FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR
PERMISSION ONLY
5633005   1 W 2:10-5:00
5633010   2 T 2:10-5:00

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

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

HISTORICAL, PHILOSOPHICAL & COMP ED

PHILOSOPHY OF EDUC   H P C 581      3 CR.
PREREQ: GRADUATE CLASSIFICATION
4060005   W 5:30-8:30PM

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

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

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

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

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

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

HISTORY

INTR WESTERN CIV II   HIST 202      3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4151005   1 MW 10:00-10:50          HOUGHTBY J
 T 8:00-8:50
4151010   2 MW 10:00-10:50          HOUGHTBY J
 T 11:00-11:50
4151015   3 MW 10:00-10:50          HOUGHTBY J
 W 8:00-8:50
4151020   4 MW 10:00-10:50          HOUGHTBY J
 W 11:00-11:50
4151025   5 MW 10:00-10:50          HOUGHTBY J
 R 8:00-8:50
4151030   6 MW 10:00-10:50          HOUGHTBY J
 R 11:00-11:50
4151035   7 MW 10:00-10:50          HOUGHTBY J
F 8:00-8:50
# HISTORY

## INTR WESTERN CIV II

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## SURVEY U.S. HIST I

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| INTR HIST OF SCI II          | 3 CR.   | MW          | 10:00-10:50     | WILSON D       |
| 4162005                      |         | R           | 8:00-8:50       |                 |
| 4162010                      |         | MW          | 10:00-10:50     | WILSON D       |
| 4162015                      |         | MW          | 10:00-10:50     | WILSON D       |
| 4162020                      |         | MW          | 10:00-10:50     | WILSON D       |

| AMER POPULAR CULTUR          | 3 CR.   | MW          | 12:10-1:00      | BIX A          |
| 3890005                      |         | R           | 8:00-8:50       |                 |
| 3890010                      |         | MW          | 12:10-1:00      | BIX A          |
| 3890015                      |         | MW          | 12:10-1:00      | BIX A          |
| 3890020                      |         | MW          | 12:10-1:00      | BIX A          |

| EUROPEAN MIDD L AGES         | 3 CR.   | MWF         | 12:10-1:00      | BAILEY M       |
| 3229005                      |         |             |                 |                 |

| MEDITERRANEAN WORLD          | 3 CR.   | TR          | 11:00-12:20     | BYARS J        |
| 6415005                      |         |             |                 |                 |

| HIS CHINA 1644-1912          | 3 CR.   | TR          | 11:00-12:20     | LIU X          |
| 4171005                      |         |             |                 |                 |

| HIST LATIN AMERIC I          | 3 CR.   | TR          | 12:10-1:00      | DELCASTILLO L  |
| 4174005                      |         |             |                 |                 |
HISTORY

US SOC&CULTUR 1900- HIST 352 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4177005 MWF 11:00-11:50 CRAVENS H

U.S.CIVIL WAR&RECON HIST 356 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
4217005 1 MWF 10:00-10:50 HILLIARD K

U.S. HIST 1900-1945 HIST 360 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
4219005 1 MW 10:00-10:50 RINEY-KEHRBERG P
R 8:00-8:50
4219010 2 MW 10:00-10:50 RINEY-KEHRBERG P
R 11:00-11:50
4219015 3 MW 10:00-10:50 RINEY-KEHRBERG P
F 8:00-8:50
4219020 4 MW 10:00-10:50 RINEY-KEHRBERG P
F 10:00-10:50

WMN ANC ROMAN WORLD HIST 374B 3 CR.
PREREQ: ANY ONE COURSE IN CL ST, W S, LATIN, OR GREEK
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
2364005 MWF 1:10-2:00

EUROP CULTR 1715&ON HIST 383 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
1279005 MWF 2:10-3:00 ANDREWS J

AFRIC&BLK AM RELAT HIST 395X 3 CR.
PREREQ: AF AM 201
MEETS U.S. DIVERSITY REQMT.
1457005 TR 12:40-2:00 ADELEKE T
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ANCIENT GREECE HIST 402 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4192005 TR 9:30-10:50 HOLLANDER D

ANCIENT ROME I HIST 403 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4193005 TR 12:40-2:00 HOLLANDER D

RUSSIA SINCE 1850 HIST 422 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4205005 MWF 11:00-11:50 ANDREWS J

SCI,TCS&MED LATIN AM HIST 443X 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3232005 TR 11:00-12:20 DELCASTILLO L
HISTORY

AMERICAN REVOLUTION  HIST 451  3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4214005  TR 9:30-10:50  SADOSKY L

CREATN OF AMERI LAW  HIST 453  3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1364005  TR 2:10-3:30

HIST AM THOUGHT II  HIST 463  3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4222005  MWF 1:10-2:00  CRAVENS H

CHINA'S FOREIGN AFF  HIST 474  3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7111005  TR 2:10-3:30  LIU X

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

HISTRIOG&RESRCH WRT  HIST 495  3 CR.
PREREQ: SR HISTORY MAJORS WITH AT LEAST 12 CR OF
300+ LEVEL HISTORY COURSES
COURSE RESTRICTED TO HIST SENIORS ONLY.
4238005  W 1:10-4:00  RINEY-KEHRBERG P
4238010  R 1:10-4:00  BYARS J
4238015  T 1:10-4:00  BIX A

PROSEM COLONIAL AM  HIST 511A  3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4240005  M 1:10-4:00  SADOSKY L

SEM HIST OF SCI II  HIST 571  3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
4258005  W 2:10-5:00  WILSON D

HIS METHD H NARRATV  HIST 583A  3 CR.
3389005  M 2:10-5:00

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

SEM 20TH CENTU AMER HIST 593C 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4273005 T 1:10-4:00 DOBBS C

RESEARCH HIST 699 1- 6 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

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

HONORS

SPECIAL PROB HONORS HON 290H VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MEMBERSHIP IN AND PERMISSION OF THE
UNIVERSITY HONORS PROGRAM
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL PRB HONORS RESR HON 290U VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MEMBERSHIP IN AND PERMISSION OF THE
UNIVERSITY HONORS PROGRAM
4044005 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

UNIV HONORS SEMINAR HON 322 1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MEMBERSHIP IN THE HONORS PROGRAM
CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

UNIV HONORS SEMINAR HON 324 1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HON 490 VAR. CR.
PREREQ: MEMBERSHIP IN THE UNIV HONORS PROGRAM,
PERMISSION OF FACULTY DIRECTOR OF UNIV HONORS PROGRAM
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

DEV LEARNRS&LEADERS HORT 114X 2 CR.
PREREQ: 112
8122005 ARRANGED

GRAPE &WINE SCIENCE HORT 120X 3 CR.
PREREQ: HIGH SCHOOL BIOLOGY AND CHEMISTRY
3157005 MWF 12:10-1:00

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SPRING 2009     Last Updated 10-03-2008

HORTICULTURE

LANDSCAPE GRAPHICS      HORT  280X     3 CR.
8845005     TR 8:00-9:30

PESTICIDE APPL CERT      HORT  283     2 CR.
5221005     MW 2:10-3:00

PLANT PROPAGATION        HORT  322     3 CR.
PREREQ: 221 OR BIOL 202
MATERIALS FEE $25.00
4304005     A TR 10:00-10:50
      W 9:00-10:50
      SECTION INFO: http://www.hort.iastate.edu/courses/syllabi/
      SYLLABUS: http://www.hort.iastate.edu/courses/syllabi/hort
4304010     B TR 10:00-10:50
      W 1:10-3:00
      SECTION INFO: http://www.hort.iastate.edu/courses/syllabi/
      SYLLABUS: http://www.hort.iastate.edu/courses/syllabi/hort

GREENHOUSE OPER&MGT      HORT  332     4 CR.
PREREQ: 221
MATERIALS AND FIELD TRIPS & TRAVEL FEE $35.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4306005     A MWF 1:10-2:00
      M 2:10-5:00
4306010     B MWF 1:10-2:00
      W 2:10-5:00

SHADE TREE CULTIVRS      HORT  341     1 CR.
PREREQ: 240 OR LA 321
2770005     R 8:00-8:50

SOILS & PLANT GROWTH     HORT  354     3 CR.
PREREQ: AGRON 154 AND BIOL 109 OR 202
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8494005     1 MWF 8:00-8:50     KILLOREN R
      SECTION INFO: http://www.agron.iastate.edu/courses/agron3
8494010     2 MWF 10:00-10:50     LOYNACHAN T
      SECTION INFO: http://www.public.iastate.edu/~teloynac/354o

SOIL&PLANT GROWTH LB    HORT  354L    1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 354
8496005     A T 12:10-3:00     HENNING S
8496010     B T 3:10-6:00PM    HENNING S
8496015     C W 1:10-4:00     HENNING S
8496020     D R 2:10-5:00     HASSELMAN E

PRIN GARDEN COMPOSI     HORT  380     2 CR.
PREREQ: 240
L A MAJORS MAY NOT APPLY CREDIT IN HORT 380 TOWARD GRADUATION
7264005     TR 9:30-10:20

BEG GARDN COMP STDO     HORT  381     2 CR.
PREREQ: 240,330, CONCURRENT ENROLLMENT IN 380
COURSE RESTRICTED TO HORT MAJORS ONLY.
L A MAJORS MAY NOT APPLY CREDIT IN HORT 381 TOWARD GRADUATION.
7284005     A MW 9:00-10:50
7284010     B MW 1:10-3:00

HORTICULTURE

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

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

COOPERATIVE EDUCATN  HORT 398   R CR.
SATISFACTORY-FAIL ONLY.
3652005      ARRANGED

PROF TURFGRASS MGMT HORT 451   2 CR.
PREREQ: 351
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4319005      T 2:10-5:00

MGT DIS&PEST TGRASS HORT 452   3 CR.
PREREQ: 351
5311005      1 TR 11:00-12:20

FRUIT&NUT CROP PROD HORT 461   3 CR.
PREREQ: 221
MATERIALS AND FIELD TRIPS & TRAVEL FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4320005      MW 11:00-11:50
             M 2:10-4:00

CNTMP ISS GREEN IND HORT 480X   3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION
8846005      MWF 12:10-1:00

IND ST GREENHS CROP HORT 490A VAR. CR.
PREREQ: SR CLASSIF IN HORT, PERMISSN OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF HORT 490 AND AN ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
********     SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CR.
PREREQ: SR CLASSIF IN HORT, PERMISSN OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
********     SEE DEPT FOR REFERENCE NUMBERS
HORTICULTURE

IND STUDY VEG CROPS  HORT 490E VAR. CR.
PREREQ: SR CLASSIF IN HORT, PERMISSION OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO  HORT 490F VAR. CR.
PREREQ: SR CLASSIF IN HORT, PERMISSION OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT  HORT 490G VAR. CR.
PREREQ: SR CLASSIF IN HORT, PERMISSION OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  HORT 490H VAR. CR.
PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION
OF INSTRUCTOR. A MAXIMUM OF 4 CR OF 490 MAY BE USED
TOWARD THE TOTAL OF 128 CR REQUIRED FOR GRADUATION.
MEMBERSHIP IN UNIV HONORS PROGRAM
NO MORE THAN 4 CREDITS OF HORT 490 MAY BE
APPLIED 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. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU SERVC LEARN  HORT 490Z 1-5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
NO MORE THAN 6 CREDITS OF HORT/AGRON 490Z MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION. COURSE OFFERED FOR 4 CREDITS SPRING 09.
7955005 ARRANGED

SEED SCI INTERNSHIP  HORT 491 1-2 CR.
PREREQ: AGRON 338, ADVANCED APPROVAL AND
PARTICIPATION OF EMPLOYER AND INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1734005 1 ARRANGED KNAPP A
1734010 2 ARRANGED MULLEN R

HORTICULTUR WORKSHOP  HORT 493 VAR. CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7617005 ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7617600 XW ARRANGED
SECT XW: JAN 12-MAY 8
DELIVERY FEE $99.00. FOR PERMISSION TO REGISTER
CONTACT LORI YOUNGBERG AT 515-294-7656 OR
LYOUNG@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW
HORTICULTURE

TRAVEL COURSE PREP  HORT  495    R CR.
PREREQ: PERMISSION OF INSTRUCTOR
5605005    ARRANGED
5605010    UG ARRANGED

PRO DEVELOPMENT SEM  HORT  497    1 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION
7661005    R 11:00-11:50

INTG MGT TROPC CROP  HORT  511    3 CR.
PREREQ: PL P 408 OR 416 OR ENT 370 OR 376 OR HORT 221
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4433005    ARRANGED

PBLSH BIOL SCI JRNL  HORT  529    2 CR.
PREREQ: PERMISSION OF INSTRUCTOR; EVIDENCE OF A PUBLISHABLE UNIT OF THE STUDENT'S RESEARCH DATA
2274005    TR 3:10-4:00

INTRO DNA TECHNIQS  HORT  542A    1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
3106005    TR 1:10-2:00
3107005    TR 2:10-3:00
JAN 13-FEB 5

INTR PROTEIN TECHNQ  HORT  542B    1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
3134005    TR 1:10-2:00
3134010    TR 2:10-4:00
FEB 10-MARCH 19

INTRO CELL TECHNIQS  HORT  542C    1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
3107005    TR 1:10-2:00
3107010    TR 2:10-4:00
MARCH 24-APRIL 23

INTR PLNT TRNSFM TQ  HORT  542D    1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
3133005    ARRANGED

MGT DIS&PEST TGRASS  HORT  552    3 CR.
PREREQ: HORT 351
4336005    1 TR 11:00-12:20

PRO PRACTC RESEARCH  HORT  565A    .5 CR.
PREREQ: GRADUATE CLASSIFICATION
3176005    1 T 12:10-1:00
3176010    2 ARRANGED

PRO PRAC INTEL PROP  HORT  565B    .5 CR.
PREREQ: GRADUATE CLASSIFICATION
3188005    ARRANGED

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

WORKSHOP GREENHS CROPS HORT 593A VAR. CR.
4339005  ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

WORKSHOP NURSERY CROPS HORT 593B VAR. CR.
4340005  ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

WORKSHOP TURFGRASS HORT 593C VAR. CR.
4341005  ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

WORKSHOP FRUIT CROPS HORT 593D VAR. CR.
4342005  ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

WORKSHOP VEG CROPS HORT 593E VAR. CR.
4343005  ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

WORKSHOP CROSS-COMMODT HORT 593F VAR. CR.
4344005  ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

WORKSHOP LANDSCAP HORT HORT 593G VAR. CR.
4094005  ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

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

GRADUATE SEMINAR HORT 610 1 CR.
SATISFACTORY-FAIL ONLY.
4346005  M 4:10-5:00

ADVANCED TOPICS HORT 690 VAR. CR.
4348005  ARRANGED

RES SEMNR PLT PHYSL HORT 696P 1 CR.
SATISFACTORY-FAIL ONLY.
3934005  W 4:10-5:00

HORT TEACH PRACTICM HORT 698 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
6171005  W 4:10-5:00

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

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

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

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

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

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

RSRCH LANDSCAP HORT   HORT  699G VAR. CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

HOTEL RESTAURANT & INSTITUTION MGMT

HOSPITAL WORK EXPRNC   HRI  193   R CR.
SATISFACTORY–FAIL ONLY.
PREREQ: APPROVED WORK EXPERIENCE IN FOODSERVICE,
         LODGING, OR RELATED OPERATIONS. A MINIMUM OF 200 HOURS
         REQUIRED PRIOR TO COMPLETING ONE YEAR IN THE PROGRAM.
*******     SEE DEPT FOR REFERENCE NUMBERS

HOSP SANITAT&SAFETY   HRI  233   3 CR.
CREDIT FOR EITHER HRI 392, OR HRI 233 AND
HRI 333 MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE   $0.00–$100.00
4435005   1 MWF 10:00–10:50
         SEC 1 RESTRICTED TO HRI MAJORS ONLY.
4435010   2 MWF 10:00–10:50
         SEC 2 FOR MAJORS OTHER THAN HRI.

GLOBAL TOURISM MGT   HRI  260   3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6738005   MWF 9:00–9:50

MERCHANDISING   HRI  275   3 CR.
PREREQ: T C 111, 131; OR HRI 101, 3 CR IN MATH
MATERIALS AND FIELD TRIPS & TRAVEL FEE $15.00–$20.00
6237005   1 TR 11:00–12:30
         SEC 1 RESTRICTED TO T C, AMDP MAJORS ONLY.
6237010   2 TR 11:00–12:30
         SEC 2 RESTRICTED TO HRI MAJORS ONLY.

HOSPITALITY LAW   HRI  315   3 CR.
PREREQ: ACCT 215
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4369005   TR 9:30–10:50

QUANT FOOD PROD MGT   HRI  380   3 CR.
PREREQ: 233 OR 2 CR MICRO; FS HN 111 OR 214,
         JUNIOR CLASSIFICATION, ENROLLMENT IN HRI 380L
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4358005   1 TR 8:00–9:20

QUANT FOOD PROD&MGT   HRI  380L   2 CR.
PREREQ: 233 OR 2 CR. MICRO, FS HN 111 OR 214,
         JUNIOR CLASSIFICATION, ENROLLMENT IN 380, RESERVATION
         WITH PROGRAM REQUIRED
MATERIALS FEE   $0.00–$100.00
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4359005   1 MW 10:00–1:00
4359010   2 MF 10:00–1:00
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Schedule Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>HRI 380L</td>
<td>Quant Food Prod &amp; Mgmt</td>
<td>2 CR.</td>
<td>4359015 3 TR 10:00-1:00 4359020 4 WF 10:00-1:00</td>
</tr>
<tr>
<td>HRI 383</td>
<td>Intro to Beverages</td>
<td>2 CR.</td>
<td>PREREQ: PERMISSION BY APPLICATION; MUST BE AT LEAST 21 YEARS OLD</td>
</tr>
<tr>
<td>HRI 392</td>
<td>Foodservice Mgt II</td>
<td>3 CR.</td>
<td>PREREQ: 391 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. MATERIALS FEE $0.00-$70.00</td>
</tr>
<tr>
<td>HRI 393</td>
<td>Hosptlty Work Exp I</td>
<td>2 CR.</td>
<td>SATISFACTORY-FAIL ONLY. PREREQ: 101, 193, 233, 287; ADVISER APPROVAL INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL</td>
</tr>
<tr>
<td>HRI 433</td>
<td>Hosptlty Financl Mgt</td>
<td>3 CR.</td>
<td>PREREQ: 333; ACCT 284; ECON 101; CREDIT OR ENROLLMENT IN STAT 101</td>
</tr>
<tr>
<td>HRI 438</td>
<td>Human Resource Mgmt</td>
<td>3 CR.</td>
<td>PREREQ: AESHM 287 OR T C 275 CREDIT FOR EITHER HRI 391, OR HRI 287 AND HRI 438 MAY BE APPLIED TOWARD GRADUATION.</td>
</tr>
<tr>
<td>HRI 452</td>
<td>Lodging Oper Mgt II</td>
<td>3 CR.</td>
<td>PREREQ: 352; COM S 103 MATERIALS FEE $0.00-$50.00 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
</tr>
<tr>
<td>HRI 455</td>
<td>Intr Stratg Mgt F &amp; L</td>
<td>3 CR.</td>
<td>PREREQ: 340; CR OR ENROLLMENT IN 433; 438</td>
</tr>
<tr>
<td>HRI 489</td>
<td>Issues Food Safety</td>
<td>1 CR.</td>
<td>PREREQ: CREDIT OR ENROLLMENT IN FS HN 101 OR 272 OR HRI 233; FS HN 419 OR 420; FS HN 403</td>
</tr>
<tr>
<td>HRI 490B</td>
<td>Ind St Hosplity Mgt</td>
<td>VAR. CR.</td>
<td>PREREQ: PROGRAM APPROVAL INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL</td>
</tr>
</tbody>
</table>

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

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

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

INTERNSHIP FOODSERV  HRI  491A  2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 193, 287, 352 OR 380, 380L; ADVISOR
APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LODGING  HRI  491B  2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 352 OR 380, 380L; ADVISER APPROVAL.
EXPERIENCE IN AT LEAST TWO DIFFERENT POSITIONS &
SUPERVISORY RESPONSIBILITIES.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HOSPTLY  HRI  491C  2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 193, 287, 352 OR 380, 380L; ADVISOR
APPROVAL
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN  HRI  498  R CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
6717005  ARRANGED

SEMNR CURRENT ISSUE  HRI  504B  1 CR.
5758005  1 ARRANGED

FIN DECISN FDSV&LDG  HRI  533  3 CR.
PREREQ: 433
9350005  1 ARRANGED

PRO EXPRNC FDS&LODG  HRI  575  2 CR.
PREREQ: GRADUATE ADMISSION INTO FLM
*******  SEE DEPT FOR REFERENCE NUMBERS
HOTEL RESTAURANT & INSTITUTION MGMT

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

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

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

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

HRIM TEACHING EXPER  HRI  675   1- 2 CR.
PREREQ: ACCEPTED IN FLIM PHD PROGRAM
*******     SEE DEPT FOR REFERENCE NUMBERS

ANALY OF RSRCH FDSV  HRI  680      3 CR.
PREREQ: ENROLLMENT IN PH D PROGRAM
3498005     ARRANGED

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

HUMAN COMPUTER INTERACTION

MNG&EVAL TEC INTRVN  HCI  504      3 CR.
PREREQ: C I 501
1781005     R 5:10-8:00PM

MECHAN SYS OPTIMIZA  HCI  525X      3 CR.
PREREQ: ENGR 160
8809005 A MWF 3:10-4:00
8809600 XE ARRANGED WINER E
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

COMPUTATNL PERCEPTRN  HCI  575X      3 CR.
PREREQ: GRADUATE OR ADVANCED UNDERGRADUATE
STANDING OR PERMISSION OF INSTRUCTOR. PROGRAMMING
SKILLS AND PREVIOUS EXPOSURE TO PROBABILITY AND
LINEAR ALGEBRA CLASSES IS HIGHLY RECOMMENDED.
3245005     MW 2:10-3:30
HUMAN COMPUTER INTERACTION

COMPUTATIONAL PERCEPTION HCI 575X 3 CR.
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEO STREAMING

SPECIAL TOPICS HCI 590 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

SEM HUMAN COMPUTER CONTRACT HCI 591 1-3 CR.
COURSE OFFERED FOR 1 CREDIT FOR SPRING 2009
3509005 A F 12:10-1:00

ADVANCED INSTRUMENT DESIGN HCI 603 3 CR.
PREREQ: C I 503
1844005 T 5:10-8:00PM

HCI INTERNSHIP HCI 697X 1-6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

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

HUMAN DEVELOPMENT & FAMILY STUDIES

INDIVIDUAL & FAMILY LIFE DEVELOPMENT HD FS 102 3 CR.
3491600 XW ARRANGED DEKKERS T
SECT XW: JAN 12-MAY 8
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW
3491005 1A TR 2:10-3:30
SEC 1A RESTRICTED TO COLLEGE OF HUMAN SCIENCES MAJORS ONLY.
3491010 1B TR 2:10-3:30

EARLY CHILDHOOD EDUCATION HD FS 208 R CR.
SATISFACTORY-FAIL ONLY.
4390005 W 3:10-4:00

STUDY TOUR & SERVICE LEARNING HD FS 218 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 102
COURSE RESTRICTED TO CH FS, ECE, FFHP, F R M, H N E & HD FS, MAJORS ONLY.
FIELD TRIPS & TRAVEL FEE $10.00
2190005 W 2:10-4:00

DEVELOPMENT & GUIDANCE: BIRTH-2 YEAR HD FS 220 3 CR.
PREREQ: 102
RESTRICTED TO CH FS, ECE SOPHOMORES, JUNIORS AND SENIORS ONLY. LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST LECTURE CLASS.
4252005 1 TR 1:10-2:00
M 8:00-10:50
4252010 2 TR 1:10-2:00
T 8:00-10:50
4252015 3 TR 1:10-2:00
W 8:00-10:50
4252020  4 TR 1:10-2:00
R 8:00-10:50
4252025  5 TR 1:10-2:00
F 8:00-10:50
HUMAN DEVELOPMENT & FAMILY STUDIES

DEV&GUID: BIRTH-2YR   HD FS 220      3 CR.
  4252030   6 TR 1:10-2:00
         M 9:00-11:50
  4252035   7 TR 1:10-2:00
         T 9:00-11:50
  4252040   8 TR 1:10-2:00
         W 9:00-11:50
  4252045   9 TR 1:10-2:00
         R 9:00-11:50
  4252050  10 TR 1:10-2:00
         F 9:00-11:50
  4252055  11 TR 1:10-2:00
         M 2:30-5:30
  4252060  12 TR 1:10-2:00
         T 2:30-5:30
  4252065  13 TR 1:10-2:00
         W 2:30-5:30
  4252070  14 TR 1:10-2:00
         R 2:30-5:30
  4252075  15 TR 1:10-2:00
         F 2:30-5:30

DEV&GUID: AGE 3-8   HD FS 221      3 CR.
  PREEQ: 102
  RESTRICTED TO CH FS, ECE SOPHOMORES, JUNIORS
  AND SENIORS ONLY. LAB PLACEMENT LOCATIONS ASSIGNED
  AT FIRST LECTURE CLASS.
  4253005   1 TR 11:00-12:15
         M 8:00-8:50
  4253010   2 TR 11:00-12:15
         T 8:00-8:50
  4253015   3 TR 11:00-12:15
         W 8:00-8:50
  4253020   4 TR 11:00-12:15
         R 8:00-8:50
  4253025   5 TR 11:00-12:15
         F 8:00-8:50
  4253030   6 TR 11:00-12:15
         M 12:30-1:20
  4253035   7 TR 11:00-12:15
         T 12:30-1:20
  4253040   8 TR 11:00-12:15
         W 12:30-1:20
  4253045   9 TR 11:00-12:15
         R 12:30-1:20
  4253050  10 TR 11:00-12:15
         F 12:30-1:20

DEVL MID CHILDHOOD    HD FS 226      3 CR.
  PREEQ: 102 OR PSYCH 230
  LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
  LECTURE CLASS.
  2193010   1 TR 9:30-10:50
         M 3:10-6:00PM
  2193015   2 TR 9:30-10:50
         T 3:10-6:00PM
  2193020   3 TR 9:30-10:50
         W 3:10-6:00PM
  2193025   4 TR 9:30-10:50
         R 3:10-6:00PM
  2193030   5 TR 9:30-10:50
         F 3:10-6:00PM
LIT FOR CHILDREN HD FS 240 3 CR.
PREREQ: 102 OR PSYCH 230
COURSE RESTRICTED TO EL ED, ECE & CH FS MAJORS ONLY.
MEETS U.S. DIVERSITY REQMT.
2194005 1 TR 11:00-12:15

RSRCH IN HUM DV&FAM HD FS 269 3 CR.
PREREQ: 102 OR PSYCH 230
2197005 1 MWF 10:00-10:50

HUMAN SEXUALITY HD FS 276 3 CR.
MEETS U.S. DIVERSITY REQMT.
3496005 1 TR 12:40-2:00
3496010 2 TR 12:40-2:00
3496015 3 TR 12:40-2:00

PRSNL&FAMILY FINANC HD FS 283 3 CR.
3499005 1 MWF 2:10-3:00
3499010 2 MWF 2:10-3:00
SEC 2 RESTRICTED TO CH FS AND FFHP MAJORS ONLY.

FLD EXP EARLY CHILD HD FS 317A 1-6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 343, PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY SERV HD FS 317B 1-6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION
****** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP EARLY SP ED HD FS 317C 1-6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 220, 221, PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

FLD EX CARE 5+YR OLD HD FS 317D 1-6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 226, PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP INF/TODDLER HD FS 317E 1-6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 340, PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

FLD EXPRNCE RESEARCH HD FS 317F 1-6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 269, PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMLY FNANC HD FS 317G 1-6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP HOUS PROG HD FS 317K 1-6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS
HUMAN DEVELOPMENT & FAMILY STUDIES

ASS’MT&CUR:BRTH-2YR  HD FS 340  4 CR.
PREREQ: 220
COURSE RESTRICTED TO CH FS, ECE SOPHOMORES AND
ABOVE. LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
LECTURE CLASS.
PROFESSIONAL SUPPORT FEE $25.00
8686005   1 TR 2:10-3:30
          M 8:00-11:50
8686010   2 TR 2:10-3:30
          T 8:00-11:50
8686015   3 TR 2:10-3:30
          W 8:00-11:50
8686020   4 TR 2:10-3:30
          R 8:00-11:50
8686025   5 TR 2:10-3:30
          F 8:00-11:50

HOUSING FINANC&PLCY  HD FS 341  3 CR.
PREREQ: 6 CREDITS IN SOCIAL SCIENCES
3500005     MWF 2:10-3:00

ASS'MT&PROG:AGE 3-6  HD FS 343  4 CR.
PREREQ: 221; 240; 269 OR PSYCH 332 OR 333
COURSE RESTRICTED TO CH FS, ECE SOPHOMORES AND
ABOVE. LAB PLACEMENT LOCATIONS ASSIGNED AT
FIRST LECTURE CLASS.
PROFESSIONAL SUPPORT FEE $25.00
2205005   1 TR 3:40-5:00
          M 8:00-11:50
2205010   2 TR 3:40-5:00
          T 8:00-11:50
2205015   3 TR 3:40-5:00
          W 8:00-11:50
2205020   4 TR 3:40-5:00
          R 8:00-11:50
2205025   5 TR 3:40-5:00
          F 8:00-11:50

CHILD EARLY CARE&ED  HD FS 344  4 CR.
PREREQ: 220 OR 221
COURSE RESTRICTED TO CH FS MAJORS ONLY.
PROFESSIONAL SUPPORT FEE $25.00
1351005   1 TR 11:00-12:20
          M 2:10-6:00PM
1351010   2 TR 11:00-12:20
          T 2:10-6:00PM
1351015   3 TR 11:00-12:20
          W 2:10-6:00PM
1351020   4 TR 11:00-12:20
          R 2:10-6:00PM
1351025   5 TR 11:00-12:20
          F 2:10-6:00PM

ADAPT PROG INCL SET  HD FS 345  3 CR.
PREREQ: CR OR CONCURRENT ENRLMT IN 340 OR 343;
SP ED 250
COURSE RESTRICTED TO CH FS, ECE JUNIORS
AND SENIORS ONLY.
4449005     M 6:10-9:00PM

HUMAN DEVELOPMENT & FAMILY STUDIES

FAMLY DIVERSITY ISS  HD FS 349  3 CR.
PREREQ: 9 CR IN SOCIAL SCIENCES INCLUDING 102 OR
PSYCH 231
COURSE RESTRICTED TO CH FS, ECE, FFHP, F R M, H N E AND FCEDS MAJORS ONLY
MEETS U.S. DIVERSITY REQMT.
2207005  1 TR 9:30-10:50

ABUSE&ILL IN FAMILI   HD FS 367      3 CR.
PREREQ: 9 CREDITS IN SOCIAL SCIENCES INCLUDING EITHER HD FS 102 OR PSYCH 230
COURSE RESTRICTED TO CH FS, ECE, FFHP, F R M & H N E MAJORS ONLY.
9193005     MWF 11:00-11:50

COMMUNIC FAMILY DEV   HD FS 370      3 CR.
PREREQ: 3 CREDITS IN SOCIAL SCIENCES
COURSE RESTRICTED TO CH FS, ECE, FFHP, F R M & H N E MAJORS ONLY
3503005  1 TR 9:30-10:50
3503010  2 TR 11:00-12:20

DEATH PART OF LIVNG   HD FS 373      3 CR.
PREREQ: 102
FIELD TRIPS & TRAVEL FEE $10.00-$12.00
3505005  TR 3:40-5:00
3505600  XW ARRANGED  DRAKE T
SECT XW: JAN 12-MAY 8
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

FAMILY LAW            HD FS 380      3 CR.
PREREQ: JUNIOR CLASSIFICATION
COURSE RESTRICTED TO CH FS, ECE, FFHP, F R M & H N E MAJORS ONLY
3508005  1 R 6:00-8:50PM

CHLD, FAM&PUB POLCY   HD FS 395      3 CR.
PREREQ: 6 CREDITS IN SOCIAL SCIENCES
COURSE RESTRICTED TO CH FS, ECE, FFHP, F R M & H N E MAJORS ONLY
1155005  1 TR 12:40-1:55

SUPR TCHG PRESCHOOL   HD FS 417B     8 CR.
PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUC PROGRAM, 455; 456
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $164.00
2212005  ARRANGED

SUP TCH EARLY SP ED   HD FS 417C     8 CR.
PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION PROGRAM, 455; 456
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $164.00
2213005  ARRANGED
HUMAN DEVELOPMENT & FAMILY STUDIES

ADMIN PROG FOR CHLD  HD FS 445  3 CR.
PREREQ: 340 OR 343
2220005  MWF 9:00-9:50

LINK FAMILY&COMMUNITY  HD FS 449  3 CR.
PREREQ: 269 OR PSYCH 332 OR 333, JR. CLASSIFICATION
RESTRICTED TO CH FS, ECE, FFHP, F R M & H N E
SENIORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2221005  1 M 6:00-8:50PM

CURR--AGES 3 THRU 6  HD FS 455  4 CR.
PREREQ: 343, 345, SP ED 355 AND 455
PROFESSIONAL SUPPORT FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2222005  1 TR 12:40-2:00
M 8:00-11:50
2222010  2 TR 12:40-2:00
T 8:00-11:50
2222015  3 TR 12:40-2:00
W 8:00-11:50
2222020  4 TR 12:40-2:00
R 8:00-11:50
2222025  5 TR 12:40-2:00
F 8:00-11:50

FAM-FOC INTRVN CHIL  HD FS 456  3 CR.
PREREQ: 340, 345
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7563005  TR 2:10-3:30

ENVIR FOR THE AGING  HD FS 463  3 CR.
PREREQ: HD FS 360 OR 3 CR IN HOUSING, ARCH,
INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
FIELD TRIPS & TRAVEL FEE $0.00-$10.00
MEETS U.S. DIVERSITY REQMT.
3522005  TR 11:00-12:20

ENTREPRNR HUMAN SCI  HD FS 474  3 CR.
PREREQ: JUNIOR OR SENIOR STATUS
3597005  TR 5:00-6:30PM

ADV PRSNL FAM FNANC  HD FS 483  3 CR.
PREREQ: 283
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3525005  MWF 1:10-2:00

FAMILIES IN ECONOMY  HD FS 488  3 CR.
PREREQ: ECON 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3526005  TR 9:30-10:50

FINANC COUNSEL LAB  HD FS 489L  1-4 CR.
PREREQ: 489
8102005  1 ARRANGED

IND STU CHILD&FAMILY  HD FS 490A VAR. CR.
PREREQ: 6 CREDITS IN HD FS
*******  SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

INDEP STUDY HOUSING  HD FS 490B VAR. CR.
IND STU FAMLY FINAN HD FS 490C VAR. CR.
PREREQ: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY EARLY EDUC HD FS 490F VAR. CR.
PREREQ: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

IND ST EARLY SPL ED HD FS 490G VAR. CR.
PREREQ: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CR.
PREREQ: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

IND ST HUM DEV & FMLY HD FS 490I VAR. CR.
PREREQ: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY POLICY PRG HD FS 490L VAR. CR.
PREREQ: 6 CREDITS IN HD FS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNERSHIP HD FS 491 4-8 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 449; INSTRUCTOR PERMISSN, SENIOR CLASSIF
******* SEE DEPT FOR REFERENCE NUMBERS

PARTNERNG W PARENTS HD FS 493B 3 CR.
8751600 XA ARRANGED GREDER K
SECT XA: JAN 13-APRIL 22
THIS COURSE HAS A DELIVERY FEE OF $300.00 IN
ADDITION TO TUITION.
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY FORT DODGE

8751605 XB ARRANGED GREDER K
SECT XB: JAN 20-MAY 6
THIS COURSE HAS A DELIVERY FEE OF $300.00 IN
ADDITION TO TUITION.
SECTION XB IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY COUNCIL BLUFFS

8751610 XW ARRANGED
SECT XW: JAN 12-JUNE 19
THIS COURSE HAS A DELIVERY FEE OF $300.00 IN
ADDITION TO TUITION.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

STRNG FAM SPPT SKIL HD FS 493C 5 CR.
8854600 XA ARRANGED WARNING J
SECT XA: JAN 13-APRIL 22
SECTION XA HAS A DELIVERY FEE OF $500 IN
ADDITION TO TUITION
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY FT DODGE

8854605 XB ARRANGED WARNING J
SECT XB: JAN 20-MAY 6
HUMAN DEVELOPMENT & FAMILY STUDIES

STRNG FAM SPPT SKIL HD FS 493C 5 CR.
SECTION XB HAS A DELIVERY FEE OF $500 IN ADDITION TO TUITION.
SECTION XB IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION.
TAUGHT IN, AT OR BY COUNCIL BLUFFS.

EMPWR SKIL FAM WRKR HD FS 493L 3 CR.
SECTION XA: JAN 13-APRIL 22
SECTION XA HAS A DELIVERY FEE OF $300 IN ADDITION TO TUITION.
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION.
TAUGHT IN, AT OR BY FORT DODGE.

RESRCH METHDS HD FS HD FS 503 3 CR.
PREREQ: STAT 401 OR RESEV 553, CONCURRENT ENROLLMENT IN HD FS 503L.
SECTION XG: JAN 12-MAY 8
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW.

ADULT DEVELOPMENT HD FS 534 3 CR.
SECTION XG: JAN 19-MAY 15
CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU/515-294-5397.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW.

HOUSING&FINANC PLAN HD FS 541 3 CR.
SECTION XG: JAN 12-MAY 8
CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU/515-294-5397.
SECTION XG IS OFF CAMPUS.
DELIVERY IS WWW.

PARENT-CHLD RELATNS HD FS 547 3 CR.
PREREQ: 510 OR 511 OR 6 CR IN SOCIAL SCIENCES.
SECTION XW: JAN 12-MAY 8
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW.

FAMILIES&DISABILITY HD FS 556 3 CR.
PREREQ: 9 CREDITS IN SOCIAL SCIENCES.
SECTION XW: JAN 12-MAY 8
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW.

HUMAN DEVELOPMENT & FAMILY STUDIES
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
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<td>HD FS 563</td>
<td>ENVIR FOR THE AGING</td>
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<td>FIELD TRIPS &amp; TRAVEL FEE $0.00-$10.00</td>
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<td>4474005 TR 11:00-12:20</td>
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<td>PREREQ: 571</td>
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<td>CROSS-CULTR PERSPCT</td>
<td>3 CR.</td>
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<td>PREREQ: 6 CREDITS IN SOCIAL SCIENCES</td>
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<td>CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT <a href="mailto:KSMIDT@IASTATE.EDU">KSMIDT@IASTATE.EDU</a>/515-294-5397. DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL SECTION XG IS OFF CAMPUS. DELIVERY IS WWW</td>
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<td>FINANC COUNSEL LAB</td>
<td>1-4 CR.</td>
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<td>SPL TOP HUMAN DEVEL</td>
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<td>SPL TOP CHILD DEVEL</td>
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<td>HD FS 590G</td>
<td>SPL TOP EARLY SP ED</td>
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HUMAN DEVELOPMENT & FAMILY STUDIES

SP TOP HUMAN, FAMILY HD FS 590I VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP FAMLY POLCY HD FS 590N VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP FAM STUDE HD FS 591A VAR. CR.
PREREQ: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HOUSING HD FS 591B VAR. CR.
PREREQ: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

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

INTERNSHIP HUM DEVEL HD FS 591D VAR. CR.
PREREQ: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP CHILD DEV HD FS 591E VAR. CR.
PREREQ: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP EARLY ED HD FS 591F VAR. CR.
PREREQ: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERN EARLY SPL ED HD FS 591G VAR. CR.
PREREQ: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV, FAMLY HD FS 591I VAR. CR.
PREREQ: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP THERAPY HD FS 591M VAR. CR.
PREREQ: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

INTERN FAMLY POLICY HD FS 591N VAR. CR.
PREREQ: 10 GRAD CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

PARTNERNG W PARENTS HD FS 593B 3 CR.
8753600 XA ARRANGED GREDER K
SECT XA: JAN 13-APRIL 22
THIS COURSE HAS A DELIVERY FEE OF $300.00 IN ADDITION TO TUITION.
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION TAUGHT IN, AT OR BY FORT DODGE
8753605 XB ARRANGED GREDER K
SECT XB: JAN 20-MAY 6
THIS COURSE HAS A DELIVERY FEE OF $300.00 IN
ADDITION TO TUITION.
SECTION XB IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY COUNCIL BLUFFS

HUMAN DEVELOPMENT & FAMILY STUDIES

PARTNERING WITH PARENTS HD FS 593B 3 CR.
8753610  XW ARRANGED  GREDER K
SECT XW: JAN 12-JUNE 19
THIS COURSE HAS A DELIVERY FEE OF $300.00 IN ADDITION TO TUITION.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

STRINGING FAMILY SKILLS HD FS 593C 5 CR.
8855600  XA ARRANGED  WARNING J
SECT XA: JAN 13-APRIL 22
SECTION XA HAS A DELIVERY FEE OF $500 IN ADDITION TO TUITION.
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY FORT DODGE

EMPW.CO SKILLS FAMILY WRKR HD FS 593L 3 CR.
8857600  XA ARRANGED  WARNING J
SECT XA: JAN 13-APRIL 22
SECTION XA HAS A DELIVERY FEE OF $300 IN ADDITION TO TUITION.
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY COUNCIL BLUFFS

ADVANCED QUANTITATIVE METHODS HD FS 603 3 CR.
PREREQ: 503; STAT 402 OR 404
2239005  MW 2:10-3:30

ECSE SEMINAR HD FS 616E 1 CR.
8573005  ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PERSPECTIVES OF PSYCHOPATHOLOGY HD FS 616P 1-2 CR.
SYSTEMIC AND RELATIONAL PERSPECTIVES OF PSYCHOPATHOLOGY
8521005  W 9:00-10:50

LEARN & COG DEVELOPMENT CHILD HD FS 631 3 CR.
PREREQ: 510
2265005  W 6:10-9:00PM

ADVANCED TOP FAMILY STUDIES HD FS 690A VAR. CR.
PREREQ: INSTR PERMSSN, ENROLLMENT IN PH.D. PROG
******* SEE DEPT FOR REFERENCE NUMBERS
HUMAN DEVELOPMENT & FAMILY STUDIES

ADV TOPICS HOUSING       HD FS 690B VAR. CR.
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMLY FINAN      HD FS 690C VAR. CR.
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN DEVEL      HD FS 690D VAR. CR.
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CHILD DEVEL      HD FS 690E VAR. CR.
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY EDUC       HD FS 690F VAR. CR.
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY SP ED      HD FS 690G VAR. CR.
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN,FAMLY      HD FS 690I VAR. CR.
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS THERAPY       HD FS 690M VAR. CR.
PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
*******     SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP      HD FS 691A VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP      HD FS 691B VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

FAM THRPY INTERNSHP      HD FS 691C VAR. CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

PRO EXPER INTERNSHP      HD FS 691D VAR. CR.
SATISFACTORY-FAIL ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY STUDIE      HD FS 699A VAR. CR.
SATISFACTORY-FAIL ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HOUSING         HD FS 699B VAR. CR.
SATISFACTORY-FAIL ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY FINANC      HD FS 699C VAR. CR.
SATISFACTORY-FAIL ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS
HUMAN DEVELOPMENT & FAMILY STUDIES

RESEARCH HUMAN DEV HD FS 699D VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CHILD DEV HD FS 699E VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CHLDHD ED HD FS 699F VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CH SPL ED HD FS 699G VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

RES MAR&FAM THERAPY HD FS 699M VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY POLICY HD FS 699N VAR. CR. SATISFACTORY-FAIL ONLY. 
******* SEE DEPT FOR REFERENCE NUMBERS

IMMUNOBIOLOGY

SEMINAR IMMUNOBIOLOG IMBIO 604 1 CR.  
5949005 ARRANGED

SPECIAL TOPICS IMBIO 690 VAR. CR.  
5986005 ARRANGED

GRAD RSEARCH ROTATN IMBIO 697 VAR. CR.  
5991005 ARRANGED

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

INDUSTRIAL ENGINEERING

INDUS ENGR PROFESSN I E 101 R CR. SATISFACTORY-FAIL ONLY.  
4402005 T 3:10-4:00

INFO ENGINEERING I E 148 3 CR. PREREQ: CREDIT OR ENROLLMENT IN MATH 142  
5037005 A MW 8:00-9:50

APP ERGN& WORK DSN I E 271 3 CR. PREREQ: PHYS 221  
5169005 A1 MWF 10:00-10:50 SEC A1 RESTRICTED TO I E MAJORS ONLY  
5169010 A2 MWF 10:00-10:50 SEC A2 FOR TO MAJORS OTHER THAN I E

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

ENGR ECONOMIC ANALYZE  I E  305  3 CR.
PREREQ: MATH 166
SEC A1, B1 RESTRICTED TO I E MAJORS ONLY.
SEC A2, B2 FOR TO MAJORS OTHER THAN I E.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4425005  A1 MWF 3:10-4:00
4425010  A2 MWF 3:10-4:00
4425015  B1 TR 2:10-3:30
4425020  B2 TR 2:10-3:30

SOLIDIFICATN PROCES  I E  348  3 CR.
PREREQ: 248
COURSE RESTRICTED TO I E MAJORS ONLY, OTHER
MAJORS BY PERMISSION OF INSTRUCTOR. LECTURE MEETS
30 OF 45 PERIODS. SEE SYLLABUS.
MATERIALS FEE $20.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5810005   A MWF 9:00-9:50
5810010   B MWF 9:00-9:50
5810015   C MWF 9:00-9:50
5810020   D MWF 9:00-9:50
5810025   E MWF 9:00-9:50
5810030   F MWF 9:00-9:50

STAT QUALITY ASSURANCE  I E  361  3 CR.
PREREQ: STAT 231 OR 401
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4416005   A T 3:40-5:30, ARRANGED
4416010   B T 3:40-5:30, ARRANGED

ENGR INTERNSHIP  I E  397  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

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

INTR SUSTAIN PROD SY  I E  403X  3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 341
3136005   MW 2:10-3:00
3136600   XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING
INTDISCIP PROB SOLV  I E  408  3 CR.
PREREQ: JUNIOR OR SENIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5899005  A MW 9:00-11:50
SECT A: JAN 12-MARCH 13

INDUSTR ENGR DESIGN  I E  441  3 CR.
PREREQ: 248, 271, 305
COURSE RESTRICTED TO I E, IMSE MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4432005  A T 12:40-2:00
TR 2:10-5:00
4432010  B T 12:40-2:00
TR 9:00-11:50

GEOMET VARIBLTY MFG  I E  446  3 CR.
PREREQ: 348 OR MAT E 341 OR M E 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2360005  MWF 10:00-10:50
2360600  XE ARRANGED  PETERS F
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

MANUFACT SYSTM ENGR  I E  448  3 CR.
PREREQ: 248 OR SIMILAR MANUFACTURING EXPERIENCE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6090005  A MWF 11:00-11:50
SEC A RESTRICTED TO I E MAJORS ONLY.
6090010  B MWF 11:00-11:50
SEC B FOR MAJORS ENGR, ENGRS MAJORS
6090600  XE ARRANGED  JACKMAN J
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

ENGRS TECHNCL SALES  I E  450X  3 CR.
PREREQ: 305 OR PERMISSION OF INSTRUCTOR
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5999005  MWF 1:10-2:00

TECHNICAL SALES II  I E  451X  3 CR.
PREREQ: 450X
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8807005  ARRANGED

MULTIDISC ENGR DSGN  I E  466  3 CR.
PREREQ: STUDENT MUST BE WITHIN TWO SEMESTERS OF
GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR
1902005  A T 3:10-4:00, ARRANGED
1902010  B R 3:10-4:00, ARRANGED
INDUSTRIAL ENGINEERING

IND STUY MANUFACTRG I E 490A 1-5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU HUMAN FACTR I E 490B 1-5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU OPER RESRCH I E 490C 1-5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU ENTPRSE CMP I E 490D 1-5 CR.
SATISFACTORY-FAIL ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENGR MGT I E 490E 1-5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490H 1-5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
UNIV HONORS PROGRAM MEMBERSHIP
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 498 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 298, PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
****** SEE DEPT FOR REFERENCE NUMBERS

MS RSRCH BASICS&CMM I E 501 1 CR.
3550005 W 4:10-5:00
3550600 XE ARRANGED MIRKA G
SECT XE: JAN 12-MAY 8
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INTR SUSTNB PROD SY I E 503X 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 341
3148005 MWF 2:10-3:00
3148600 XE ARRANGED MIN K
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

SIMULATN MODEL&ANLY I E 519 3 CR.
PREREQ: COM S 311, STAT 401
4454005 TR 9:30-10:45
4454600 XE ARRANGED OLAFSSON S
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INDUSTRIAL ENGINEERING

QUAL CNTRL&ENG STAT  I E  531  3 CR.
PREREQ: STAT 401; STAT 342 OR 447
4457005   TR 3:40-5:00

GEOMET VARIBLTY MFG  I E  546  3 CR.
PREREQ: 348 OR MAT E 341 OR M E 324
2390005   MWF 10:00-10:50
2390600   XE ARRANGED   PETERS F
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

APPLIED SYSTEMS ENG  I E  566  3 CR.
PREREQ: 565
I E MAJORS MAY NOT APPLY CREDIT IN I E 566
TOWARD DEGREE REQUIREMENTS
5704005   TR 8:00-9:15
5704600   XE ARRANGED   GEMMILL D
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

REQUIREMNTS ENGRING  I E  585  3 CR.
PREREQ: 3 CREDITS IN INFORMATION TECHNOLOGY OR
INFORMATION SYSTEMS
8181005   TR 2:10-3:30
8181600   XE ARRANGED   JACKMAN J
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

SPECIAL TOPICS  I E  590   1- 3 CR.
SATISFACTORY-FAIL ONLY.
*******   SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP IND ENGR  I E  599A VAR.  CR.
SATISFACTORY-FAIL ONLY.
*******   SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER RES  I E  599C VAR.  CR.
SATISFACTORY-FAIL ONLY.
*******   SEE DEPT FOR REFERENCE NUMBERS

PH.D.RES BASICS&CMM  I E  601  1 CR.
3662005   W 4:10-5:00
3662600   XE ARRANGED   MIRKA G
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING
INDUSTRIAL ENGINEERING

STOCHASTC PRODU SYS  I E  613  3 CR.
PREREQ: 513
8237005  TR 11:00-12:20
8237600  XE ARRANGED  RYAN S
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

RES PRACTCM ERGONMC  I E  671X  3 CR.
PREREQ: 571X OR EQUIVALENT
8814005  ARRANGED

ADVANCED TOPICS  I E  690  1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
******  SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP  I E  697  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7999005  ARRANGED

INDUS ENGR RESEARCH  I E  699A VAR.  CR.
SATISFACTORY-FAIL ONLY.
******  SEE DEPT FOR REFERENCE NUMBERS

OPERATIONS RESEARCH  I E  699C VAR.  CR.
SATISFACTORY-FAIL ONLY.
******  SEE DEPT FOR REFERENCE NUMBERS

INFORMATION ASSURANCE

ADV PROTCL&NT SECUR  INFAS 530  3 CR.
PREREQ: CPR E 381
8088600  XE ARRANGED  JACOBSON D
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INFORMATION WARFARE  INFAS 532  3 CR.
PREREQ: CPR E 531
8092005  TR 8:00-9:20
8092600  XE ARRANGED  JACOBSON D
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INFORMATION ASSURANCE
CRYPTOGRAPHY        INFAS 533      3 CR.
PREREQ: MATH 301 OR CPR E 310 OR COM S 330
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
8098005     MWF 1:10-2:00
8098600     XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INFO ASSUR LEGAL&ET  INFAS 534      3 CR.
PREREQ: GRADUATE CLASSIFICATION, CPR E/INFAS 531
RESTRICTED TO E CPE, COM S, AND INFAS GRAD
STUDENTS ONLY
8095005   A M 6:10-9:00PM
8095600     XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

STEGANOGRPH&WTRMK  INFAS 535      3 CR.
PREREQ: CPR E 531 OR E E 524 OR MATH 533/CPR E
533/INFAS 533
8509005     TR 9:30-10:50
8509600     XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

SEMNR INFO ASSURANC INFAS 592   1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
5025005   1 ARRANGED

INFAS CAPSTONE DSGN INFAS 632X      3 CR.
1893005     ARRANGED

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CR.
4480005     ARRANGED

THESIS RESEARCH IGS 699 VAR. CR.
4481005     ARRANGED

INTERNATIONAL STUDIES

SEMNR INT'L STUDIES INTST 430   3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
9583005    W 3:10-5:40
JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY  JL MC 101  3 CR.
4656005  1 MWF 11:00-11:50  MACK B

JOURNAL & COMM ORIENT  JL MC 110  R CR.
SATISFACTORY-FAIL ONLY.
4657005  1 T 8:00-9:20  GILBERT L
SEC 1 FOR STUDENTS NEW TO ISU FALL 2008, SUMMER 2008 OR SPRING 2009.
4657010  2 R 8:00-9:20  MCDONOUGH K

REPORT & WRIT MASS MD  JL MC 201  3 CR.
PREREQ: ENGL 250 (OR TESTOUT); A SCORE OF 26 OR HIGHER ON THE ACT ENGLISH EXAM, 590 OR HIGHER ON THE SAT VERBAL EXAM OR A PASSING SCORE ON THE SCHOOL'S ENGLISH USAGE TEST.
USAGE TEST & DEPT PERMISSION REQUIRED. COURSE RESTRICTED TO JL MC, ADVRT, P JMC, P ADV MAJORS ONLY.
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
4658005  1 MW 8:00-10:10  DAHLSTROM M
4658010  2 TR 8:00-10:10  DOAK R
4658015  3 MW 1:10-3:20  BEELL T
4658020  4 TR 8:00-10:10  HUNT A
4658025  5 TR 2:10-4:20  SMITH K

INT REPORT MASS MED  JL MC 202  3 CR.
PREREQ: 201 WITH A GRADE OF C+ OR BETTER.
COURSE RESTRICTED TO ADVRT, JL MC, P ADV AND P JMC MAJORS ONLY.
4659005  1 MW 10:30-12:40  GIbson D
4659010  2 MW 2:30-4:40  BULLA D

ELECTRON MEDIA WRIT  JL MC 206  3 CR.
PREREQ: 201 WITH A GRADE OF C+ OR BETTER.
8511005  1 TR 10:30-12:35  ROUSE S

PRIN PUBLIC RELATNS  JL MC 220  3 CR.
4684005  1A MWF 9:00-9:50  WILGENBUSCH E
SEC 1B RESTRICTED TO ADVRT, JL MC, P ADV, AND P JMC MAJORS ONLY.
4684010  1B MWF 9:00-9:50  WILGENBUSCH E
SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC, P ADV AND P JMC.

STRATEG PLAN AD&P R  JL MC 301  3 CR.
PREREQ: ADVRT 230 OR JL MC 220; SOPHOMORE CLASSIFICATION.
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 TR 12:40-2:00  SAR S
3838010  1B TR 12:40-2:00  SAR S
3838015  2A MW 9:30-10:45  MONAHAN L
3838020  2B MW 9:30-10:45  MONAHAN L
3838025  3A TR 9:30-10:45  SAR S
3838030  3B TR 9:30-10:45  SAR S
3838035  4A TR 12:40-2:00  THOMAS J
3838040  4B TR 12:40-2:00  THOMAS J
PUBLICITY METHODS  JL MC 305  3 CR.  
PREREQ: ENGL 250, SOPHOMORE CLASSIFICATION  
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 9:30-10:45  BUGEJA D  
4660010  2 TR 12:40-2:00  BUGEJA D  
4660015  3 MW 10:00-11:20  ROUSE S  

ELECTRON MEDIA PROD  JL MC 306  3 CR.  
PREREQ: C+ OR BETTER IN 201  
COURSE RESTRICTED TO ADVRT, JL MC, P JMC OR P ADV  
MAJORS ONLY.  
8513005  1 TR 3:00-4:50  ROUSE S  

ELECTRON NEWS PRODUC  JL MC 308  3 CR.  
PREREQ: 202 OR 206, 306  
COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.  
4665005  1 TR 10:30-12:20  AMES J  

FUND PHOTOJOURNALSM  JL MC 310  3 CR.  
PREREQ: 201  
COURSE RESTRICTED TO JL MC, ADVRT MAJORS.  
EQUIPMENT PURCHASE MAY BE REQUIRED.  
8688005  1 MW 1:10-2:55  CHAMBERLIN D  
DEPARTMENT PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  

MULTIMEDIA PRODUCTN  JL MC 315  3 CR.  
PREREQ: 306 OR 342L OR 343L OR EQUIVALENT  
COMPUTER DESIGN PROFICIENCY  
COURSE RESTRICTED TO JL MC, ADVRT, P JMC,  
P ADV MAJORS ONLY.  
4663005  1 MW 3:30-5:10  GROSHEK J  

PUBLIC RELATNS WRIT  JL MC 321  3 CR.  
PREREQ: 201, 220 OR ADVRT 230, JL MC/ADVRT 301;  
342 AND 342L OR COMPUTER DESIGN PROFICIENCY  
RECOMMENDED  
COURSE RESTRICTED TO ADVRT, JL MC, P ADV AND  
P JMC MAJORS ONLY.  
4666005  1 TR 10:30-12:40  HAAG E  
4666010  2 MW 10:30-12:40  WILGENBUSCH E  

CONTEM MAGAZINE PUB  JL MC 341  3 CR.  
PREREQ: JUNIOR CLASSIFICATION  
4672005  1 MWF 3:10-4:00  PRIOR-MILLER M  

VISUAL PRIN Mass CM  JL MC 342  3 CR.  
PREREQ: SOPHOMORE CLASSIFICATION  
4673005  1A MWF 11:00-11:50  GROSHEK J  
SEC 1A RESTRICTED TO JL MC, ADVRT, P ADV,  
P JMC SOPH AND ABOVE.  
4673010  1B MWF 11:00-11:50  GROSHEK J  
SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT, P ADV,  
P JMC.  

LAB BAS VISUAL PRIN  JL MC 342L  3 CR.  
PREREQ: CREDIT OR ENROLLMENT IN 342  
COURSE RESTRICTED TO JL MC, ADVRT, P JMC, P ADV  
SOPH AND ABOVE.  
5325005  1 TR 1:20-3:35  WILSON E  
5325010  2 TR 3:45-6:00PM  MARTIN B  
5325015  3 MW 8:00-10:15  MARTIN B  
5325020  4 MW 3:15-5:30  HAAG E
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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<tr>
<td>343L</td>
<td>MW</td>
<td>8:00-10:15</td>
<td>Wilson E</td>
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<tr>
<td>346</td>
<td>MW</td>
<td>10:30-12:10</td>
<td>Bulla D</td>
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<td>347</td>
<td>MW, TR</td>
<td>12:20-2:00</td>
<td>Dahlstrom M</td>
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<td>349</td>
<td>MW</td>
<td>10:20-12:10</td>
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<td>TR</td>
<td>2:10-4:00</td>
<td>Ames J</td>
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<td>390A</td>
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<td>8:00-9:20</td>
<td>Gibson D</td>
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<td>390C</td>
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<td>8:00-10:10</td>
<td>Haag E</td>
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<td>TR</td>
<td>12:40-2:00</td>
<td>Doak R</td>
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<td>406</td>
<td>MWF</td>
<td>10:00-10:50</td>
<td>Beell T</td>
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<tr>
<td>424A</td>
<td>MWF</td>
<td>11:00-12:20</td>
<td>Lee S</td>
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<td>424B</td>
<td>R</td>
<td>6:30-7:30PM</td>
<td>Wilgenbusch E</td>
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**JOURNALISM & MASS COMMUNICATION**
ADV PRINT MED EDITG   JL MC 449      3 CR.
PREREQ: 342, 342L, CREDIT OR ENROLLMENT IN 349,
JUNIOR CLASSIFICATION
COURSE RESTRICTED ADVRT, JL MC MAJORS ONLY
7202005   1 TR 2:10-4:30              PRIOR-MILLER M

MASS COMMUNICAT LAW     JL MC 460      3 CR.
PREREQ: 201, JUNIOR CLASSIFICATION
COURSE RESTRICTED TO ADVRT, JL MC JUNIORS AND
SENIORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4688005   1 MWF 8:00-8:50               MACK B

MEDIA ETHICS, FREEDM     JL MC 462      3 CR.
PREREQ: JUNIOR CLASSIFICATION
COURSE RESTRICTED JUNIORS AND ABOVE.
4690005   1 MWF 2:10-3:00              BLEVINS J

WORLD COMMUNIC SYST     JL MC 476      3 CR.
PREREQ: JUNIOR CLASSIFICATION
COURSE RESTRICTED TO JUNIORS AND ABOVE.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4693005   1 TR 11:00-12:20           DIMITROVA D

ETHNIC, GENDER & MEDIA   JL MC 477      3 CR.
PREREQ: JUNIOR CLASSIFICATION
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4554005   1A R 4:10-6:40PM          GESKE J
        SEC 1A RESTRICTED TO ADVRT, JL MC, P ADV & P JMC
        JUNIORS AND ABOVE.
        4554010  1B R 4:10-6:40PM          GESKE J
        SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC, P ADV
        AND P JMC.

INDEP STDY CMUNCATN     JL MC 490  VAR. CR.
PREREQ: JUNIOR CLASSIFICATION AND CONTRACT WITH
SUPERVISING PROFESSOR TO REGISTER
NO MORE THAN 6 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 CR.
OFFERED FOR 3 CREDITS SPRING 2009.
5786005  1A TR 9:30-10:50          THOMAS J
         SEC 1A RESTRICTED TO JUNIORS AND ABOVE
         IN ADVRT, JL MC, P ADV OR P JMC.
5786010  1B TR 9:30-10:50          THOMAS J
         SEC 1B FOR JUNIORS & SENIORS OTHER THAN ADVRT,
         JL MC, P ADV AND P JMC.
5786015  2A MWF 1:10-2:00
5786020  2B MWF 1:10-2:00

PROFES MEDIA INTERN     JL MC 499      3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JL MC MAJORS, 202 OR 206 OR 321; ADVRT
MAJORS, JL MC 201, ADVRT 301; ALL STUDENTS, JR
CLASSIFICATION, FORMAL FACULTY ADVISER APPROVAL
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******       SEE DEPT FOR REFERENCE NUMBERS
## JOURNALISM & MASS COMMUNICATION

### COMM RESEARCH METHD  JL MC 502  4 CR.
**PREREQ:** 501  
4726005  1 MW 6:10-9:00PM  RODRIGUEZ L  
ARRANGED  RODRIGUEZ L

### MEDIA MANAGEMENT  JL MC 506  3 CR.
**PREREQ:** 6 CREDITS IN SOCIAL SCI (ECON HIGHLY RECOMMENDED) OR ADMISSION TO THE GRAD PROGRAM  
1813005  1 MWF 10:00-10:50  BEELL T

### P R CAMPAIGN PROJCT  JL MC 524A  3 CR.
**PREREQ:** 6 CR IN SOC SCI OR ADMISSION TO GRAD PROG  
7809005  1 TR 11:00-12:20  LEE S

### SCIENCE COMMUNICATN  JL MC 547  3 CR.
**PREREQ:** 6 CR SOCIAL SCI OR ADMISSION TO GRAD PROG  
7316005  1 MW 12:20-2:00  DAHLSTROM M

### MEDIA & SOCIETY RELAT  JL MC 561  3 CR.
**PREREQ:** 6 CREDITS IN SOCIAL SCI  
8830005  1 MWF 9:00-9:50  BLEVINS J

### WORLD COMMUNIC SYST  JL MC 576  3 CR.
**PREREQ:** 6 CREDITS IN SOCIAL SCI  
4738005  1 TR 11:00-12:20  DIMITROVA D

### SP TOP MEDIA STUDIE  JL MC 590A VAR. CR.
**PREREQ:** PERMISSION OF INSTRUCTOR  
*******  SEE DEPT FOR REFERENCE NUMBERS

### SPL TOP PRO SPECIALZ  JL MC 590B VAR. CR.
**PREREQ:** PERMISSION OF INSTRUCTOR  
*******  SEE DEPT FOR REFERENCE NUMBERS

### SPCL TOP RSRCH MTHD  JL MC 590C VAR. CR.
**PREREQ:** PERMISSION OF INSTRUCTOR  
*******  SEE DEPT FOR REFERENCE NUMBERS

### SP TOP TECHNQ & STYLE  JL MC 590D VAR. CR.
**PREREQ:** PERMISSION OF INSTRUCTOR  
*******  SEE DEPT FOR REFERENCE NUMBERS

### SP TOP SPLZ COMMUNC  JL MC 590E VAR. CR.
**PREREQ:** PERMISSION OF INSTRUCTOR  
*******  SEE DEPT FOR REFERENCE NUMBERS

### PROFESNL INTERNSHIP  JL MC 591  2 CR.
SATISFACTORY-FAIL ONLY.  
**PREREQ:** PERMISSION OF INSTRUCTOR  
*******  SEE DEPT FOR REFERENCE NUMBERS

### SEMNR RSRCH METHDS  JL MC 598J  1- 3 CR.
**TITLE:** CONTENT ANALYSIS  
COURSE OFFERED FOR 3 CREDITS SPRING 2009  
8379005  1 R 12:40-3:40  LEE S

### SEM CPTR MEDIAT CMM  JL MC 598P  1- 3 CR.
8402005  1 T 6:00-9:00PM  HARMS C

### CREATIVE COMPONENT  JL MC 599 VAR. CR.
**PREREQ:** APPROVED CREDIT COMPONENT PROPOSAL  
*******  SEE DEPT FOR REFERENCE NUMBERS
JOURNALISM & MASS COMMUNICATION

THESIS RESEARCH  JL MC 699  VAR. CR.
PREREQ: APPROVED THESIS PROPOSAL
*******  SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

STUDIO: SITE DESIGN I  LA  202  6 CR.
PREREQ: 201
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$300.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4767005  MW 1:10-5:20
        F 4:10-5:20
        F 1:10-3:50

INTRDUCD PLT MIDWST  LA  222  3 CR.
PREREQ: 221
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$610.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4774005  TR 12:40-1:30
        ARRANGED

SOCIAL & BEHAV LNDSCP  LA  274  3 CR.
FIELD TRIPS & TRAVEL FEE  $0.00-$25.00
MEETS U.S. DIVERSITY REQMT.
7943005  M 10:00-10:50
         W 10:00-11:50
SEC 1 RESTRICTED TO LA MAJORS ONLY

REGIONAL DESIGN  LA  302  6 CR.
PREREQ: 301, 381, AND 465
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$600.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4778005  F 1:10-3:50
        F 4:10-5:20
        MW 1:10-5:20

FIELD TRAVEL  LA  309  1-2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ENROLLMENT IN THE PROFESSIONAL PROGRAM
         AND PERMISSION OF ADVISOR
FIELD TRIPS & TRAVEL FEE  $0.00-$610.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4771005  ARRANGED

CONTEMP LANDSC ARCH  LA  341  1 CR.
PREREQ: 301
6119005  F 12:10-1:00

SENIOR THESIS  LA  405  6 CR.
PREREQ: 401, 402, 403 AND ENROLLMENT IN HONORS
         PROGRAM; PERMISSION OF ADVISOR, CHAIR AND THESIS
         ADVISOR
*******  SEE DEPT FOR REFERENCE NUMBERS
LANDSCAPE ARCHITECTURE

ADV PLANTING DESIGN  L A  421    4 CR.
PREREQ: 221, 222 OR EQUIVALENT
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$0.00-$550.00
8157005  I ARRANGED

PROFESSIONAL PRACTICE  L A  441    2 CR.
PREREQ: 482
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4783005   M 10:00-11:50

LAND ARCH INTERNSHIP  L A  451A    R CR.
PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
3036005   ARRANGED

L ARCH STUDY ABROAD  L A  451B    R CR.
PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
6212005   ARRANGED

LA NAT'L STD'T XCHNG  L A  451C    R CR.
PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
6213005   ARRANGED

TOPIC INTERNAT'L ST  L A  478J  2- 3 CR.
PREREQ: 371 OR SENIOR OR GRADUATE STANDING
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$0.00-$300.00
4073005   MW 7:00-8:20

ADV LNDSCP CONSTRUC  L A  482    2 CR.
PREREQ: 481
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$25.00
8224005   TR 9:30-10:50

IND STDY LAND DSN  L A  490A  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STDY PLNTNG DSN  L A  490B  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT  L A  490C  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY  L A  490D  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE
IND STU LANDSC PLAN  L A  490E  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU URBAN DSGN  L A  490F  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY GRAPHICS  L A  490G  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  L A  490H  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
MEMBERSHIP IN UNIV HONORS PROGRAM
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERDISC  L A  490I  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU INT'L STUDI  L A  490J  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY CMPTR APPL  L A  490K  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ECO DESIGN  L A  490L  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOCIAL/BHV  L A  490M  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU NATU RESRCE  L A  490N  1- 6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
SPRING 2009     Last Updated 10-03-2008

LANDSCAPE ARCHITECTURE

LANDSCAP ARC THEORY   L A   501      3 CR.
FREREQ: ADMISSION TO GRAD PROGRAM OR PERMISSION
OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4803005     ARRANGED

STUDIO RESOURCE MGT   L A   562   2- 6 CR.
FREREQ: 465 OR 565, ADMISSION TO GRADUATE PROGRAM
OR PERMISSION OF INSTRUCTOR
MATERIALS AND FIELD TRIPS & TRAVEL FEE  $0.00-$25.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1663005     ARRANGED

 TOPIC INTERN'L ST   L A   578J  2- 3 CR.
PREREQ: SENIOR OR GRADUATE STANDING
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$0.00-$300.00
4228005     MW 7:00-8:20

 THESIS,CRTV CMP,TUT   L A   580 1- 4 CR.
FREREQ: PERMISSION OF MAJOR PROFESSOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC DSGN   L A   590A 1- 6 CR.
FREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN   L A   590B 1- 6 CR.
FREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN   L A   590C 1- 6 CR.
FREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY   L A   590D 1- 6 CR.
FREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN   L A   590E 1- 6 CR.
FREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSIGN   L A   590F 1- 6 CR.
FREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS
LANDSCAPE ARCHITECTURE

SPL TOPICS GRAPHICS L A 590G 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS HONORS L A 590H 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A 590I 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CMPTR APPL L A 590K 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ECO DESIGN L A 590L 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BEHV L A 590M 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A 590N 1-6 CR.
PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN L A 591 3 CR.
PREREQ: GRADUATE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$30.00
2350005 TR 8:00-9:20

CREATIVE COMPONENT L A 599 1-8 CR.
PREREQ: PERMISSION OF MAJOR PROF
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH L A 699 1-8 CR.
PREREQ: PERMISSION OF MAJOR PROFESSOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
LATIN

ELEMENTARY LATIN I  LATIN 101  4 CR.
MATERIALS AND EQUIPMENT USE FEE $25.00
4854600  XW ARRANGED  MEYERS R
SECT XW: JAN 12- MAY 6
DELIVERY FEE $200.00.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

ELEMENTARY LATIN II  LATIN 102  4 CR.
PREREQ: 101
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.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4855005  1 MTWR 9:00-9:50
4855010  2 MTWR 10:00-10:50

ADV TOPICS LATN LIT  LATIN 442  3 CR.
PREREQ: 332
MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4860005  ARRANGED

INDEPENDENT STUDY  LATIN 490  1- 6 CR.
PREREQ: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR
NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE
APPLIED TOWARD GRADUATION.
PERMISSION OF DEPARTMENT CHAIR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES

ORIENTATION  LAS 101  .5 CR.
SATISFACTORY-FAIL ONLY.
6241005  W 1:10-2:00
JAN 12-MARCH 6

SEM DISCIP FRNTIERS  LAS 103X  1 CR.
SATISFACTORY-FAIL ONLY.
8309005  A ARRANGED
8309010  B ARRANGED
8309015  C ARRANGED
8309020  D ARRANGED

PERSONAL CAREER DEV  LAS 104  2 CR.
PREREQ: 12 CREDITS OF ISU COURSEWORK
6243005  1 TR 8:00-8:50
6243010  2 TR 11:00-11:50
6243015  3 MW 11:00-11:50
6243020  4 MW 2:10-3:00

ACT LRN CMM SEMINAR  LAS 140X  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MEMBER OF ACT LEARNING COMMUNITY
8174005  W 2:10-3:00

STUDIE RACE & ETHNIC  LAS 161X  3 CR.
PREREQ: 160X
COURSE RESTRICTED TO STUDENTS ENTERING ISU
MEETS U.S. DIVERSITY REQMT.
7410005   M 3:10-4:00, ARRANGED

LIBERAL ARTS & SCIENCES

PRO EMPLOYMENT PREP   LAS 201X   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 2ND SEMESTER FRESHMAN OR TRANSFER
STUDENT WITHIN THE COLLEGE OF LAS
8629005   W 3:10-5:00

INTR U.S. LATINO ST   LAS 211   3 CR.
MEETS U.S. DIVERSITY REQMT.
2890005   1 TR 12:30-2:00
2890010   2 MWF 2:10-3:00

SPL PROB AMBASSADRS   LAS 290A   1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION;
PERMISSION OF LAS DEAN
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7195005   1 ARRANGED

SPECIAL PROBLEMS   LAS 290D   1- 3 CR.
PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION;
PERMISSION OF LAS DEAN
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS

SPL PROB CATT CENTR   LAS 290G   1- 3 CR.
PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION,
PERMISSION OF THE DIRECTOR OF THE CATT CENTER
PERMISSION OF DIRECTOR OF THE CATT CENTER
REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN
10 ALUMNI HALL.
*******   SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP   LAS 298   R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF LAS CAREER SERVICES,
SOPHOMORE CLASSIFICATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******   SEE DEPT FOR REFERENCE NUMBERS

PRO EMPLOYMENT PREP   LAS 301X   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SECOND SEMESTER FRESHMAN OR TRANSFER
STUDENT WITHIN THE LAS COLLEGE
8403005   W 3:10-5:00
JAN 12-MARCH 6

INTR ASIAN AMER STU   LAS 325   3 CR.
PREREQ: ENGL 250
MEETS U.S. DIVERSITY REQMT.
7260005   TR 9:30-10:50

WOMEN IN LEADERSHIP   LAS 333X   3 CR.
PREREQ: LAS 222X OR W S 201 OR 3 CREDITS IN W S
8841005   TR 12:40-2:00

TOPCS INTRDISCIP ST   LAS 350A   2- 4 CR.
7871005   1 ARRANGED
LIBERAL ARTS & SCIENCES

TOPICS HUMANITIES     LAS   350B  2- 4 CR.
7873005   1 TR 11:00-12:20
ARRANGED

TOPICS SOCIAL SCIEN     LAS   350D  2- 4 CR.
7875005   1 TR 3:40-5:00, ARRANGED

THE HOLOCAUST     LAS   385  2- 3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4837005   T 6:00-9:00PM

PRE-STU ABROAD SEMN     LAS   395A  1 CR.
4279005   1 ARRANGED

STDY ABROAD HUMANIT     LAS   395B  1- 4 CR.
4289005   1 ARRANGED

STDY ABROAD COMMUNC     LAS   395C  1- 4 CR.
4293005   1 ARRANGED

STU ABROAD MATH&SCI     LAS   395D  1- 4 CR.
4294005   1 ARRANGED

STDY ABROAD SOC SCI     LAS   395E  1- 4 CR.
8018005   1 ARRANGED

INTERNSHIP/CO-OP     LAS   398   R CR.
Satisfactory-Fail Only.
Prereq: Permission of LAS Career Services, Junior Classification
Instructor Permission Required; Process
Approved Add Slip in 10 Alumni Hall
********     See Dept for Reference Numbers

INDEPENDENT STUDY     LAS   490A VAR.  CR.
Prereq: Permission of the Dean of the LAS College
College Permission Required; Process
Approved Add Slip in 10 Alumni Hall
********     See Dept for Reference Numbers

IND STDY ENTREPRNHS     LAS   490E VAR.  CR.
Prereq: Permission of the Dean of the LAS College
College Permission Required; Process
Approved Add Slip in 10 Alumni Hall
********     See Dept for Reference Numbers

IND STUDY CATT CNTR     LAS   490G VAR.  CR.
Prereq: Permission of Director of CATT Center
No More Than 9 Credits of LAS 490 May Be
Applied Toward Graduation.
Department Permission Required; Process
Approved Add Slip in 10 Alumni Hall
********     See Dept for Reference Numbers

SERVICE LEARNING     LAS   491   1- 4 CR.
Prereq: Permission of the Dean of the LAS College
College Permission Required; Process
Approved Add Slip in 10 Alumni Hall
********     See Dept for Reference Numbers

LIBERAL ARTS & SCIENCES

INTERNSHIP/CO-OP     LAS   498   R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF LAS CAREER SERVICES,
SENIOR CLASSIFICATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNERSHIP     LAS 499  1- 4 CR.
PREREQ: PERMISSION OF LAS CAREER SERVICES
COLLEGE PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

LIBRARY

LIB INSTRUCTION     LIB 160     .5 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: STUDENTS WHOSE NATIVE LANGUAGE IS NOT
ENGLISH MUST COMPLETE ENGLISH 101 REQUIREMENT
TEST-OUT EXAM SCHEDULED WED., JAN. 21, 4:00 PM;
THURS., JAN. 22, 3:00 PM; WED., MARCH 25, 4:00 PM; OR
THURS., MARCH 26, 3:00 PM. SPECIAL LIBRARY TEST-OUT
FEE IS $20. DETAILS AVAILABLE IN 150 PARKS LIBRARY.
4862005  1 M  9:00-9:50
   Sect 1:Jan 12-March 6
4862010  2 M 10:00-10:50
   Sect 2:Jan 12-March 6
4862015  3 M 11:00-11:50
   Sect 3:Jan 12-March 6
4862020  4 M 1:10-2:00
   Sect 4:Jan 12-March 6
4862025  5 M 2:10-3:00
   Sect 5:Jan 12-March 6
4862030  6 T  9:00-9:50
   Sect 6:Jan 12-March 6
4862035  7 T 10:00-10:50
   Sect 7:Jan 12-March 6
4862040  8 T 11:00-11:50
   Sect 8:Jan 12-March 6
4862045  9 W 10:00-10:50
   Sect 9:Jan 12-March 6
4862050 10 W 11:00-11:50
   Sect 10:Jan 12-March 6
4862055 11 W 1:10-2:00
   Sect 11:Jan 12-March 6
4862060 12 W 2:10-3:00
   Sect 12:Jan 12-March 6
4862065 13 R  9:00-9:50
   Sect 13:Jan 12-March 6
4862070 14 R 10:00-10:50
   Sect 14:Jan 12-March 6
4862075 15 R 1:10-2:00
   Sect 15:Jan 12-March 6
4862080 16 R 2:10-3:00
   Sect 16:Jan 12-March 6
4862085 17 F  9:00-9:50
   Sect 17:Jan 12-March 6
4862090 18 F 10:00-10:50
   Sect 18:Jan 12-March 6
4862095 19 F 11:00-11:50
   Sect 19:Jan 12-March 6
4862100 20 F 1:10-2:00
   Sect 20:Jan 12-March 6
4862105 21 M  9:00-9:50
   Sect 21:Begins wk of 3/9
LIBRARY

LIB INSTRUCTION   LIB 160    .5 CR.
4862110  22 M 10:00-10:50
  SECT 22:BEGINS WK OF 3/9
4862115  23 M 11:00-11:50
  SECT 23:BEGINS WK OF 3/9
4862120  24 M 1:10-2:00
  SECT 24:BEGINS WK OF 3/9
4862125  25 M 2:10-3:00
  SECT 25:BEGINS WK OF 3/9
4862130  26 T 9:00-9:50
  SECT 26:BEGINS WK OF 3/9
4862135  27 T 10:00-10:50
  SECT 27:BEGINS WK OF 3/9
4862140  28 T 11:00-11:50
  SECT 28:BEGINS WK OF 3/9
4862145  29 W 10:00-10:50
  SECT 29:BEGINS WK OF 3/9
4862150  30 W 11:00-11:50
  SECT 30:BEGINS WK OF 3/9
4862155  31 W 1:10-2:00
  SECT 31:BEGINS WK OF 3/9
4862160  32 W 2:10-3:00
  SECT 32:BEGINS WK OF 3/9
4862165  33 R 9:00-9:50
  SECT 33:BEGINS WK OF 3/9
4862170  34 R 1:10-2:00
  SECT 34:BEGINS WK OF 3/9
4862175  35 R 2:10-3:00
  SECT 35:BEGINS WK OF 3/9
4862180  36 F 9:00-9:50
  SECT 36:BEGINS WK OF 3/9
4862185  37 F 10:00-10:50
  SECT 37:BEGINS WK OF 3/9
4862190  38 F 11:00-11:50
  SECT 38:BEGINS WK OF 3/9
4862195  39 F 1:10-2:00
  SECT 39:BEGINS WK OF 3/9
4862200  41 T 1:10-2:00
  SECT 41:JAN 12-MARCH 6
4862205  42 T 2:10-3:00
  SECT 42:JAN 12-MARCH 6
4862210  43 R 11:00-11:50
  SECT 43:JAN 12-MARCH 6
4862215  44 T 1:10-2:00
  SECT 44:BEGINS WK OF 3/9
4862220  45 T 2:10-3:00
  SECT 45:BEGINS WK OF 3/9
4862225  46 R 10:00-10:50
  SECT 46:BEGINS WK OF 3/9
4862230  47 R 11:00-11:50
  SECT 47:BEGINS WK OF 3/9

LINGUISTICS

INTR SYMBOLIC LOGIC   LING 207    3 CR.
  INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
  APPROVED ADD SLIP IN 10 ALUMNI HALL
  8592005  MWF 3:10-4:00

INTRO LINGUISTICS   LING 219    3 CR.
  PREREQ: SOPHOMORE CLASSIFICATION
  8593005  A MW 1:10-2:00
  F 10:00-10:50
  8593010  B MW 1:10-2:00
LINGUISTICS

INTRO LINGUISTICS LING 219 3 CR.
8593015 C MW 1:10-2:00
8593020 D MW 1:10-2:00
F 11:00-11:50
F 11:00-11:50

DESCRP ENGL GRAMMAR LING 220 3 CR.
PREREQ: ENGL 250
8594005 A TR 9:30-10:50
8594010 B MWF 10:00-10:50

INTRO COMM DISORDER LING 275 3 CR.
8596005 TR 12:40-2:00

LANGUAGE, THOUGHT & ACT LING 305 3 CR.
PREREQ: ENGL 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6411005 A1 MWF 1:10-2:00
6411010 A2 MWF 1:10-2:00

NONVERBAL COMMUNIC LING 325 3 CR.
PREREQ: COMST 101 OR 102, 203, 301
COURSE RESTRICTED TO COMST MAJORS ONLY
8600005 1 T 9:30-10:50

THEORY OF COMPUTING LING 331 3 CR.
PREREQ: COM S 228, 229, 330 OR CPR E 310,
MATH 166, ENGL 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8601010 2 MWF 8:00-8:50
T 1:10-2:00

INTR SPANSH PHONOLG LING 352 3 CR.
PREREQ: SPAN 301, 303, OR 304
MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3492005 1 TR 12:40-2:00
3492800 MX ARRANGED
SECT MX: JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER
PROGRAM' STUDY ABROAD EXPERIENCE.

PHONETICS & PHONOLOGY LING 371 3 CR.
8595005 TR 9:30-10:50

HIST OF ENGLISH LANG LING 420 3 CR.
PREREQ: ENGL 219, 220
COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8605005 A TR 12:40-2:00

IND STU LING UI SMAN LING 490B VAR. CR.
PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO
THE TOPIC, JR CLASSIFICATION, PERMISSION OF THE
UNDERGRADUATE STUDIES COMMITTEE
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
LINGUISTICS

IND STDY LING ANTHR LING 490D 1-5 CR.
PREREQ: 9 CREDITS IN ANTHROPOLOGY
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

LANGUAGE & CULTURE LING 500 3 CR.
PREREQ: ANTHR 309 OR 510
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
8615005 1 W 5:10-8:00PM

INTR CPRS&APPL LING LING 510 3 CR.
PREREQ: GRADUATE CLASSIFICATION
6450005 A W 6:10-9:00PM

SOCIOLINGUISTICS LING 514 3 CR.
PREREQ: 511 OR AN INTRO COURSE IN LING
8619005 A TR 9:30-10:50

TCH NONNATV L&L LING 525 3 CR.
PREREQ: 511 OR INTRODUCTORY COURSE IN LINGUISTICS
4479005 A TR 2:10-3:30

CPR-ASSIST LANG LNR LING 526 3 CR.
PREREQ: 511 OR EQUIVALENT
7280005 A TR 11:00-12:20

DISCOURSE ANALYSIS LING 527 3 CR.
PREREQ: 511 OR AN INTRO COURSE IN LINGUISTICS
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
2238005 A R 6:10-9:00PM

PRA TCH ENG 2ND L&L LING 588 3 CR.
PREREQ: 15 CREDITS TOWARD THE TESL/APPLIED LINGUISTICS MASTER’S DEGREE
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $20.50-$61.50
6550005 A ARRANGED

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

SEMNR TEC&APP LINGU LING 630 3 CR.
PREREQ: ENGL 510, 511, 517, 518, OTHERS DEPEND ON THE TOPIC
6567005 A M 6:10-9:00PM

PRACTCM TEC & LINGU LING 688 3 CR.
PREREQ: ENGL 510, 626, OR EQUIVALENT; SECOND-YEAR PH.D. STUDENT
6574005 A ARRANGED

LOGISTICS & SUPPLY CHAIN MGMT

BUSINESS LOGISTICS LSCM 360 3 CR.
PREREQ: ECON 101
SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U, FIN, I BUS, MGMT, MIS, MKT, OSCM, LSCM MAJORS ONLY.
SEC A2,B2 FOR COLLEGES OTHER THAN BUSINESS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
6788005  A1 TR 9:30-10:50
CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MGMT 370

LOGISTICS & SUPPLY CHAIN MGMT
& MKT 340 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND
OSCM 320.
6788010  A2 TR 9:30-10:50
6788015  B1 TR 11:00-12:20
CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MGMT 370
& MKT 340 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND
OSCM 320.
6788020  B2 TR 11:00-12:20

SUPPLY CHAIN INFO SY   LSCM  440      3 CR.
PREREQ: MIS 330, OSCM 320, LSCM 360
COURSE RESTRICTED TO COLLEGE OF BUSINESS MAJORS
ONLY.
6856005   A TR 12:40-2:00

DECISION TOOLS LOG&OP    LSCM  460      3 CR.
PREREQ: 360, OSCM 320
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
6790005  A1 TR 2:10-3:30
SEC A1 RESTRICTED TO LSCM MAJORS ONLY
6790010  A2 TR 2:10-3:30
SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, FIN,
MGMT, MIS, MKT AND OSCM MAJORS ONLY.

PRIN TRANSPORTATION    LSCM  461      3 CR.
PREREQ: 360
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
6791005  A1 MWF 9:00-9:50
SEC A1 RESTRICTED TO LSCM MAJORS ONLY
6791010  A2 MWF 9:00-9:50
SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, FIN,
MGMT, MIS, MKT AND OSCM MAJORS ONLY.

TRANSPO CARRIER MGT    LSCM  462      3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 461
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
6792005  A1 TR 3:40-5:00
SEC A1 RESTRICTED TO LSCM MAJOR ONLY.
6792010  A2 TR 3:40-5:00
SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, FIN,
MGMT, MIS, MKT AND OSCM MAJORS ONLY.

INT'L TRANSPORT&LOG    LSCM  466      3 CR.
PREREQ: 360
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
6793005  A1 MWF 10:00-10:50
SEC A1 RESTRICTED TO LSCM MAJORS ONLY
6793010  A2 MWF 10:00-10:50
SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, FIN,
MGMT, MIS, MKT AND OSCM MAJORS ONLY.
LOGISTICS & SUPPLY CHAIN MGMT

DEMAND PLANNING&MGT  LSCM  485  3 CR.
PREREQ: 360, OSCM 320
COURSE RESTRICTED TO BUSINESS MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1078005  A TR 11:00-12:20

PRIN PRCHS&SPLY MGT  LSCM  486  3 CR.
PREREQ: 360, OSCM 320
COURSE RESTRICTED TO ACCT, BUS S, BUS U,
FIN, I BUS, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4788005  A MWF 11:00-11:50

STRTGC SPLY CHN MGT  LSCM  487  3 CR.
PREREQ: LSCM 460 OR OSCM 422 OR OSCM 424;
LSCM/OSCM 485 OR LSCM/OSCM 486
COURSE RESTRICTED TO LSCM, OSCM SENIORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
3085005  A TR 9:30-10:50
3085010  B TR 11:00-12:20

INDEPENDENT STUDY  LSCM  490  1- 3 CR.
PREREQ: 360, SENIOR CLASSIF, INSTRUCTOR PERMISSN
COURSE NOT OPEN TO P BUS MAJORS
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT

ENTREPRENRSHIP&INNOV  MGMT  310  3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
SEC A1,B1,C1 RESTRICTED TO ACCT, BUS S, BUS U,
FIN, MGMT, MIS, MKT, OSCM, LSCM MAJORS ONLY.
SEC A2,B2,C2 FOR COLLEGES OTHER THAN BUSINESS
MAJORS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5318005  A1 M 6:00-9:00PM
5318010  A2 M 6:00-9:00PM
5318015  B1 TR 12:40-2:00
5318020  B2 TR 12:40-2:00
5318025  C1 TR 8:00-9:15
5318030  C2 TR 8:00-9:15

FEASIB ANLY&BUS PLN  MGMT  313  3 CR.
PREREQ: 310 AND ENTREPRENUERSHIP MINOR OR MGMT
MAJOR
SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U,
FIN, MGMT, MIS, MKT, OSCM, LSCM MAJORS ONLY.
SEC A2,B2 FOR COLLEGES OTHER THAN BUSINESS
MAJORS
6779005  A1 TR 2:10-3:30
COLLEGE PERMISSION REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
6779010  A2 TR 2:10-3:30
COLLEGE PERMISSION REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
6779015  B1 TR 3:40-5:00
COLLEGE PERMISSION REQUIRED TO ADD DURING
MANAGEMENT

FEASIBLE ANLY&BUS PLN MGMT 313 3 CR.
1ST WEEK; GO TO 1200 GERDIN

MANAGMT ORGANIZATNS MGMT 370 3 CR.
PREREQ: ECON 101 OR 102 OR EQUIVALENT
SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS,FIN,
1 BUS, MGMT, MIS, MKT, OSCM, LSCM MAJORS ONLY.
SEC A2,B2 FOR COLLEGES OTHER THAN BUSINESS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

MANAGEMENT

ORGANIZATIONAL BEHAVR MGMT 371 3 CR.
PREREQ: 370
SEC A1,B1,C1,D1 RESTRICTED ACCT, BUS S,
BUS U, FIN, MGMT, MIS, MKT, OSCM AND LSCM MAJORS
ONLY SEC A2,B2,C2,D2 RESTRICTED TO COLLEGES OTHER
THAN BUS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

COMPETITIVE STRATGY MGMT 377 3 CR.
PREREQ: ECON 101 AND JUNIOR CLASSIFICATION
COURSE RESTRICTED MGMT MAJORS ONLY
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

SOCIAL ENTREPRNRSHP MGMT 410X 3 CR.
PREREQ: JUNIOR STANDING OR INSTRUCTOR PERMISSION

INTERNATIONAL MGMT MGMT 414 3 CR.
COURSE RESTRICTED TO MGMT MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
MANAGEMENT

PERS&HUM RESOUR MGT  MGMT  471  3 CR.
FREREQ: JUNIOR STANDING
SEC A1,B1,C1 RESTRICTED TO MGMT MAJORS. SEC
A2,B2,C2 RESTRICTED MAJORS OTHER THAN BUSINESS
COLLEGE.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5293005  A1 MWF 2:10-3:00
5293010  A2 MWF 2:10-3:00
5293015  B1 TR 12:40-2:00
5293020  B2 TR 12:40-2:00
5293025  C1 MWF 1:10-2:00
5293030  C2 MWF 1:10-2:00

MANAGE OF DIVERSITY  MGMT  472  3 CR.
FREREQ: JUNIOR CLASSIFICATION
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
4444005  A1 MWF 12:10-1:00
SEC A1 RESTRICTED TO ACCT, BUS S, BUS U, FIN,
LSCM, MGMT, MIS, MKT, OSCM MAJOR ONLY.
4444010  A2 MWF 12:10-1:00
SEC A2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

STRATEGIC MANAGEMT  MGMT  478  3 CR.
FREREQ: 370, OSCM 320, FIN 301, MKT 340,
LSCM 360, ACCT 285, GRADUATING SENIOR
COURSE RESTRICTED TO SENIORS GRADUATING SPRING
2009 IN THE COLLEGE OF BUSINESS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5294005  A1 TR 8:00-9:20
5294010  B1 TR 9:30-10:50
5294015  C1 TR 11:00-12:20
5294020  D1 TR 12:40-2:00
5294025  E1 TR 2:10-3:30
5294030  F1 TR 3:40-5:00
5294035  G1 T 6:10-9:00PM
5294040  J1 W 6:10-9:00PM
5294045  K1 M 6:10-9:00PM

INDEPENDENT STUDY  MGMT  490  1- 3 CR.
FREREQ: 370, SENIOR CLASSIFICATION, PERMISSION OF
INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

ETHICS&SOC RESPONSB  MGMT  511  1 CR.
FREREQ: GRADUATE CLASSIFICATION
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
9136005  R3 F 8:30-11:50
SECT R3:JAN 16-FEB 6

STRATEGIC MANAGEMT  MGMT  512  2 CR.
FREREQ: 501, 507, OSCM 502, MIS 503, MKT 504,
FIN 505, ACCT 508
COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
9137005  R3 F 8:30-11:50
SECT R3:FEB 13-APRIL 10
TEC TRANSFR&FEASIBL  MGMT  565  3 CR.
PREREQ: GRADUATE CLASSIFICATION
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
5867005  A T 6:10-9:30PM

SEMRN PERSONNEL MGT  MGMT  571  3 CR.
PREREQ: 371 OR 507 OR SOC 420
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
5301005  A M 6:00-9:30PM
SECT A: JAN 12-APRIL 6

PERSONALITY & MGMT  MGMT  572X  3 CR.
PREREQ: GRADUATE STANDING OR INSTRUCTOR PERMISSION
8820005  W 6:00-9:30PM
JAN 14-APRIL 8

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

MANAGEMENT INFORMATION SYSTEMS

MGMT INFO SYSTEMS  MIS  330  3 CR.
PREREQ: COM S 103
SEC A1, B1, ETC. RESTRICTED TO ACCT, BUS S, BUS U,
FIN, I BUS, MGMT, MIS, MKT, P BUS, OSCM, LSCM, MAJORS
ONLY. SEC A2, B2, ETC. FOR COLLEGE OTHER THAN BUSINESS
OR GRADUATE STUDENTS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
4394005  A1 MWF 12:10-1:00
4394010  A2 MWF 12:10-1:00
4394015  B1 MWF 1:10-2:00
4394020  B2 MWF 1:10-2:00
4394025  C1 MWF 10:00-10:50
4394030  C2 MWF 10:00-10:50

FILE STRUCT&PROGRMG  MIS  331  3 CR.
PREREQ: COM S 207
SEC A1, B1 RESTRICTED TO MIS MAJORS ONLY.
SEC A2, B2 RESTRICTED TO ACCT, BUS U, FIN, LSCM,
MGMT, MKT AND OSCM MAJORS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
9608005  A1 MWF 12:10-1:00
9608010  A2 MWF 12:10-1:00
9608015  B1 MWF 1:10-2:00
9608020  B2 MWF 1:10-2:00

CNT LANG SFTWRE DEV  MIS  431  3 CR.
PREREQ: 331
COURSE RESTRICTED TO MIS MAJORS ONLY.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
1775005  A W 6:00-9:00PM

INFO SYST ANALYSIS  MIS  432  3 CR.
PREREQ: 330
SEC A1, B1 RESTRICTED TO MIS MAJORS ONLY.
SEC A2, B2 RESTRICTED TO ACCT, BUS U, FIN,
MGMT, MKT, OSCM MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5290005  A1 MWF 9:00-9:50
MANAGEMENT INFORMATION SYSTEMS

INFO SYST ANALYSIS MIS 432 3 CR.
5290010 A2 MWF 9:00-9:50
5290015 B1 MWF 10:00-10:50
5290020 B2 MWF 10:00-10:50

DATABASE MGT SYSTMS MIS 433 3 CR.
PREREQ: 331
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5289005 A1 TR 9:30-10:50
SEC A1 RESTRICTED TO MIS MAJORS ONLY.
5289010 A2 TR 9:30-10:50
SEC A2 RESTRICTED TO ACCT, BUS U, FIN, LSCM, MGMT, MKT, OSCM MAJORS ONLY.
CREDIT FOR EITHER MIS 433 OR MIS 423, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

ELECTRONIC COMMERCE MIS 434 3 CR.
PREREQ: 330, MKT 340, LSCM 360
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
7405005 A1 TR 3:40-5:00
SEC A1 RESTRICTED TO MIS MAJORS ONLY.
7405010 A2 TR 3:40-5:00
SEC A2 RESTRICTED TO ACCT, BUS U, FIN, LSCM, MGMT, MKT, OSCM MAJORS ONLY.

BUSINESS TELECOMMUN MIS 435 3 CR.
PREREQ: 330
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
6396005 A1 TR 2:10-3:30
SEC A1 RESTRICTED TO MIS MAJORS ONLY.
6396010 A2 TR 2:10-3:30
SEC A2 RESTRICTED TO ACCT, BUS U, FIN, LSCM, MGMT, MKT, OSCM MAJORS ONLY.

PROJECT MANAGEMENT MIS 437 3 CR.
COURSE RESTRICTED TO MIS MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4561005 A TR 11:00-12:20

INFO SYSTM DEVELPMT MIS 438 3 CR.
PREREQ: 432, 433, 435
SEC A1 RESTRICTED TO MIS MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5291005 A1 MW 3:40-5:00
5291010 A2 MW 3:40-5:00
SEC A2 RESTRICTED TO ACCT, BUS U, FIN, LSCM, MGMT, MKT, OSCM MAJORS ONLY.

TOPICS INFO SYS MGT MIS 439 3 CR.
PREREQ: 331, PERMISSION OF INSTRUCTOR
COURSE RESTRICTED TO MIS MAJORS ONLY
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
6785005 A TR 12:40-2:00
SEC A TOPIC: INTELLIGENT ENTERPRISE
6785010 B T 6:00-9:00PM
SEC B TOPIC: COMPUTER-BASED DECISION SUPPORT SYSTEMS
MANAGEMENT INFORMATION SYSTEMS

SUPPLY CHAIN INFO SY   MIS 440      3 CR.
PREREQ: 330, OSCM 320, LSCM 360
6850005     A TR 12:40-2:00

INDEPENDENT STUDY    MIS 490      1- 3 CR.
PREREQ: 330, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

DATA MGT DECISION MAK   MIS 533      3 CR.
PREREQ: 503
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
2271005     A S 6:00-9:30PM
SECT A:JAN 17-APRIL 11
2271600  XE ARRANGED MENNECKE B
SECT XE:JAN 14-APRIL 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

ELECTRONIC COMMERCE   MIS 534      3 CR.
PREREQ: 503
4368005     A R 6:00-9:30PM
SECT A:JAN 15-MAY 9
4368600  XE ARRANGED MENNECKE B
SECT XE:JAN 15-APRIL 9
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

TELECOMMUNICATIONS MGT   MIS 535      3 CR.
PREREQ: 503
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
8679005     A T 6:00-9:30PM
SECT A:JAN 13-APRIL 7

TOPICS MGT INFO SYS    MIS 539      3 CR.
PREREQ: 503
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7953005     A T 6:00-9:30PM
SECT A:JAN 13-APRIL 7

SPECIAL TOPICS       MIS 590      1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

RES SEMINAR IN MIS    MIS 598      3 CR.
PREREQ: GRADUATE CLASSIFICATION
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
8081005     A M 6:00-9:30PM
SECT A:JAN 12-APRIL 6
MANAGEMENT INFORMATION SYSTEMS

CREATIVE COMPONENT

MIS 599  3 CR.
PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF SUPERVISORY COMMITTEE CHAIR

RESEARCH

MIS 699  3-6 CR.
PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR

MARKETING

PRIN OF MARKETING

MKT 340  3 CR.
PREREQ: CREDIT OR ENROLLMENT IN ECON 101
SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U, FIN, I BUS, MGMT, MIS, MKT, OSCM, LSCM MAJORS ONLY.
SECTIONS A2,B2 FOR COLLEGES OTHER THAN BUINNESS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5352005  A1 MWF 2:10-3:00
5352010  A2 MWF 2:10-3:00
5352015  B1 TR 8:00-9:20
5352020  B2 TR 8:00-9:20
CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MGMT 370 & LSCM 360 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND OSCM 320.

PROMOTIONAL STRATEG

MKT 410  3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 447
SEC A1,B1 RESTRICTED TO MKT MAJORS ONLY.
SEC A2,B2 FOR MAJORS OTHER THAN MKT AND P BUS.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5355005  A TR 9:30-10:50
5355010  A2 TR 12:40-2:00
5355015  B1 TR 12:40-2:00
5355020  B2 TR 12:40-2:00

FUND MARKTG RSEARCH

MKT 444  3 CR.
PREREQ: 340, STAT 226
COURSE RESTRICTED TO MKT MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
5359005  A TR 8:00-9:20
5359010  B TR 9:30-10:50
MARKETING

CUSTOMER RELATN MGT  MKT 445X  3 CR.
PREREQ: 340
SEC A1,B1 RESTRICTED TO MKT MAJORS ONLY.
SEC A2,B2 FOR MAJORS OTHER THAN MKT MAJORS.
1862005  A1 TR 12:40-2:00
1862010  A2 TR 12:40-2:00
1862015  B1 TR 3:40-5:00
1862020  B2 TR 3:40-5:00

FUND CONSUMER BEHAV  MKT  447  3 CR.
PREREQ: 340
SEC A1,B1,ETC. RESTRICTED TO MKT MAJORS ONLY.
SEC A2,B2,ETC. FOR MAJORS OTHER THAN MKT, P BUS.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
5362005  A1 W 6:00-9:00PM
5362010  A2 W 6:00-9:00PM
5362015  B1 TR 11:00-12:20
5362020  B2 TR 11:00-12:20
5362025  C1 TR 9:30-10:50
5362030  C2 TR 9:30-10:50

FUND INT'L MARKETNG  MKT 448  3 CR.
PREREQ: 340
SEC A1,B1 RESTRICTED TO MKT, I BUS MAJORS ONLY.
SEC A2,B2 RESTRICTED TO ACCT, BUS S, BUS U, PIN,
MGMT, MIS, OSCM, LSCM MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
9609005  A1 MW 3:40-5:00
9609010  A2 MW 3:40-5:00
9609015  B1 M 6:10-9:00PM
9609020  B2 M 6:10-9:00PM

INDEPENDENT STUDY  MKT  490  1- 3 CR.
PREREQ: 340, SR CLASSIFICATN; INSTRUCTOR PERMISSN
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

MARKETING  MKT 504  2 CR.
PREREQ: GRADUATE CLASSIFICATION
COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
9123005  R1 W 8:30-11:50
SECT R1:JAN 14-APRIL 8
MEETS WEDNESDAYS JAN 17-FEB 7. MEETS MONDAYS
MARCH 10-APRIL 9.
9123010  S1 S 8:30-11:50
S 1:00-4:30
SECT S1:JAN 10-APRIL 4
MEETS MORNINGS ONLY JAN 13-FEB 3.
MEETS AFTERNOONS ONLY MARCH 14-APRIL 7.
9123600  XA MW 5:45-9:15PM  WONG J
SECT XA:JAN 14-APRIL 6
CONTACT DEBBIE JOHNSON FOR PERMISSION TO REGISTER
AT 515-294-8118/JLJOHNS@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
MARKETING

INTERNATIONAL BUSINESS MKT 509 2 CR.
PREREQ: GRADUATE CLASSIFICATION
COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
9131005 R M 8:30-11:50
W 8:30-11:50
SECT R: FEB 12-APRIL 7
MEETS WEDNESDAYS JAN 17-FEB 7; MEETS MONDAYS
MARCH 19-APRIL 9. NO MEETINGS FEB 12-MARCH 9.
9131010 S S 8:30-11:50
S 1:00-4:30
SECT S: FEB 7-APRIL 4
MEETS AFTERNOONS ONLY FEB 10-MARCH 3
MEETS MORNINGS ONLY MARCH 17-APRIL 7.
9131600 XA W 5:45-9:15PM HERRMANN P
SECT XA: FEB 11-APRIL 8
CONTACT DEBBIE JOHNSON FOR PERMISSION TO REGISTER
AT 515-294-8118/JLJOHNS@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION

MARKETING MANAGEMENT MKT 540 3 CR.
PREREQ: 504
5365005 S S 1:10-4:30
SECT S: JAN 17-APRIL 11

NEW PRODUCT DEV&MKT MKT 542 3 CR.
PREREQ: 504
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
8896005 A T 5:45-9:15PM
8896600 XA T 5:45-9:15PM RAMASWAMI S
SECT XA: JAN 13-APRIL 7
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION

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

MATERIALS ENGINEERING

STRUCTURAL CHARAC MAT MAT E 214 3 CR.
PREREQ: 211, CR OR ENROLLMENT IN PHYS 221
6333005 A TR 8:00-8:50 MARTIN M
T 9:00-11:50 MARTIN M
6333010 B TR 8:00-8:50 MARTIN M
R 9:00-11:50 MARTIN M
6333015 C TR 8:00-8:50 MARTIN M
T 1:10-4:00 MARTIN M
6333020 D TR 8:00-8:50 MARTIN M
R 1:10-4:00 MARTIN M

PRINCIPAL MATERIALS SCI&ENG MAT E 272 2 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: CHEM 167 OR 171, SOPHOMORE CLASSIFICATION
CREDIT FOR ONLY ONE OF MAT E 211, OR MAT E 272,
OR THE COMBINATION OF MAT E 272 AND 394, OR THE
COMBINATION OF MAT E 392 AND 394 MAY BE APPLIED
TOWARD GRADUATION
6394005 A1 MW 11:00-11:50 CONSTANT A
SEC A1 RESTRICTED TO A E, M E MAJORS ONLY.
6394010 A2 MW 11:00-11:50 CONSTANT A
MATERIALS ENGINEERING

PRIN MATRLS SCI&ENG MAT E 272  2 CR.
6394015  A3 MW 11:00-11:50  CONSTANT A
SEC A3 RESTRICTED TO AER E, I E MAJORS ONLY.

COORDINATE EDUC MAT E 298  R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
****** SEE DEPT FOR REFERENCE NUMBERS

KINETIC&PHASE EQ MAT MAT E 314  3 CR.
PREREQ: 211, 311
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6575005  MWF 11:00-11:50  LESAR R

COMPUT MTHDS MATRLS MAT E 316  3 CR.
PREREQ: 211
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6576005  MF 1:10-2:00  GENALO L
W 1:10-2:00, ARRANGED  GENALO L

CERAM PROCES:FIRING MAT E 322  3 CR.
PREREQ: 211, 321
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6592005  A MF 9:00-9:50  AKINC M
M 3:10-6:00PM  AKINC M
6592010  B MF 9:00-9:50  AKINC M
R 3:10-6:00PM  AKINC M

SEMICON MTRLS&DEVIC MAT E 332  3 CR.
PREREQ: 331 AND PHYS 222
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6597005  TR 12:40-2:00  DALAL V
6597600  XE ARRANGED  DALAL V
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

STRUCT RELAT METALS MAT E 342  3 CR.
PREREQ: 211
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6612005  A MF 2:10-3:00  RUSSELL A
W 2:10-3:00, ARRANGED  RUSSELL A

PRIN NONDESTRC TEST MAT E 362  3 CR.
PREREQ: PHYS 112 OR 222
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5045005  MWF 11:00-11:50  THOMPSON R
5045600  XE ARRANGED  THOMPSON R
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING
MATERIALS ENGINEERING

NONDESTRUCT TEST LAB  MAT E 362L  1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 362
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5046005  A M 3:10-6:00PM
5046010  B W 3:10-6:00PM

TOYING WITH TECHNOL  MAT E 370  3 CR.
PREREQ: C I 201, JR STANDING, NOT IN ENGINEERING
5939005  A TR 1:10-3:00  GENALO L

FOREIGN STUDY PREP  MAT E 391  3 CR.
SATISFACTORY-FAIL ONLY.
CREDIT TOWARD GRADUATION FOR MAT E 391 ALLOWABLE
ONLY UPON COMPLETION OF MAT E 392
MEETS U.S. DIVERSITY REQMT.
5681005  ARRANGED  CHUMBLEY S
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ENGX INTERNSHIP  MAT E 397  R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES; JR CLASSIFICATION
*******  SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC  MAT E 398  R CR.
PREREQ: 298, PERMISSN OF DEPTMT AND ENGINEERING
CAREER SERVICES
*******  SEE DEPT FOR REFERENCE NUMBERS

PRO PRACTICE IV  MAT E 414  3 CR.
PREREQ: SENIOR CLASSIFICATION
6650005  MW 2:10-3:00, ARRANGED MARTIN M

MECHANCL BEHAVR MAT  MAT E 418  3 CR.
PREREQ: 211, CONCURRENT ENROLLMENT IN E M 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6585005  A MF 8:00-8:50, USTUNDAG E
W 8:00-8:50, ARRANGED USTUNDAG E

CERAMIC INDUSTRIES  MAT E 424  3 CR.
PREREQ: 321
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6652005  MWF 12:10-1:00  CONSTANT A

POLYMERS &POLY ENGR  MAT E 442  3 CR.
PREREQ: CH E 382 AND CHEM 331 OR MAT E 351
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3766005  MWF 10:00-10:50

CORROSION&FAILUR ANLY  MAT E 444  3 CR.
PREREQ: 211, CO-REQUISITE 418
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6680005  A MF 9:00-9:50  CHUMBLEY S
T 3:10-4:00, ARRANGED CHUMBLEY S
6680010  B MF 9:00-9:50  CHUMBLEY S
T 4:10-5:00, ARRANGED CHUMBLEY S

PHY&MC PROPRT POLYM  MAT E 453  3 CR.
PREREQ: 351
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6681005  TR 9:30-10:30  LIN Z
T 12:10-3:00  LIN Z

MATERIALS ENGINEERING
BIOMATERIALS MAT E 456X 3 CR.
PREREQ: 211 OR 272
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8768005 TR 8:00-9:20 AKINC M

MULTIDISC ENGR DSGN MAT E 466 3 CR.
PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS
OF GRADUATION, PERMISSION OF INSTRUCTOR
1740005 A T 3:10-4:00, ARRANGED
1740010 B R 3:10-4:00, ARRANGED

INDEPENDENT STUDY MAT E 490 VAR. CR.
****** SEE DEPT FOR REFERENCE NUMBERS

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

MATERIALS SCIENCE & ENGINEERING

FUND STRC&CHM MATRL M S E 510 3 CR.
PREREQ: MATH 165, PHYS 221, CHEM 167
5616005 TR 9:30-10:50 PECHARSKY V

BHV&MFG POLYM&CMPOS M S E 521 3 CR.
PREREQ: M E 324 OR MAT E 272 AND E M 324
5075005 A MWF 10:00-10:50
5075600 XE ARRANGED

SOLID STATE SCIENCE M S E 530 3 CR.
PREREQ: MAT E 331 OR E E 332 OR PHYS 322
5616005 MWF 1:00-1:50 BECKMAN S

FUND NONDESTRU EVAL M S E 550 4 CR.
PREREQ: E M 324, MATH 385
8550005 MWF 10:00-10:50
T 9:00-10:50

CHARACTRZTN METHODS M S E 551 3 CR.
PREREQ: MAT E 214 OR EQUIVALENT
1925005 ARRANGED MARTIN S

PHY&MC PROPRT POLYM M S E 553 3 CR.
PREREQ: MAT E 351
3502005 TR 9:30-10:30 LIN Z
T 12:10-3:00 LIN Z

BIOMATERIALS M S E 556 3 CR.
PREREQ: MAT E 211 OR 272
5091005 TR 8:00-9:20 AKINC M

SPECIAL TOPICS M S E 590 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS
MATERIALS SCIENCE & ENGINEERING

ACAD TEACH PRACTCES M S E 610 2 CR.
FREREQ: PERMISSION OF INSTRUCTOR
5685005 ARRANGED RAJAN K

POWDR DIFFRACT MTHD M S E 651 3 CR.
FREREQ: MSE 510
5079005 ARRANGED PECHARSKY V

ADV TOPICS MATRL SC M S E 690 VAR. CR.
FREREQ: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M S E 697 R CR.
SATISFACTORY-FAIL ONLY.
FREREQ: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN
4307005 ARRANGED KLOCKE A

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

MATHEMATICS

HIGH SCHOOL ALGEBRA MATH 10 0 CR.
SATISFACTORY-FAIL ONLY.
DEVELOPMENTAL MATH FEE APPLIES. SEE HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/FEINFO.HTML FOR MORE INFORMATION ON THIS FEE.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5115005 A MTRF 9:00-9:50
5115010 B MTRF 11:00-11:50

INTRO PROBABS&MATRIC MATH 104 3 CR.
FREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 104 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
5128005 A MWF 9:00-9:50
5132005 XW ARRANGED WAGNER B
SECT XW:JAN 12-MAY 8

INTRO TO MATH IDEAS MATH 105 3 CR.
FREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YEAR OF HS GEOMETRY CREDITS EARNED IN MATH 105 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS
5132005 MWF 9:00-9:50

COLLEGE ALGEBRA MATH 140 3 CR.
FREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY CREDITS EARNED IN MATH 140 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY NOT APPLY MATH 140 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.
5132005 A MWF 9:00-9:50
5132010 B MWF 9:00-9:50
5132015 C MWF 11:00-11:50
5132020 D MWF 9:00-9:50
5132025 E MWF 1:10-2:00

DELIVERY FEE $150.00  
SECTION XW IS OFF CAMPUS.  
DELIVERY IS WWW

MATHEMATICS

TRIGONOMETRY  MATH 141  2 CR.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLED IN 140
CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. MATH 141 MAY NOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. LAS STUDENTS MAY NOT COUNT 141 TOWARD GROUP III OF THE GEN ED REQUIREMENTS. THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY.

5133005  A ARRANGED, R 1:10-2:00  
T 1:10-2:00  
SECT A:JAN 12-APRIL 3  
DELIVERY IS WWW

5133600  XW ARRANGED  
WAGNER B  
SECT XW:JAN 21-MAY 8  
DELIVERY FEE $150.00.  
SECTION XW IS OFF CAMPUS.  
DELIVERY IS WWW

TRIG&ANALY GEOMETRY  MATH 142  3 CR.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLMENT IN 140
CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. MATH 142 MAY NOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. LAS STUDENTS MAY NOT COUNT 142 TOWARD GROUP III OF THE GEN ED REQUIREMENTS. THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY.

5134005  A ARRANGED  
R 11:00-11:50  
T 11:00-11:50  
DELIVERY IS WWW

5134010  B ARRANGED  
T 11:00-11:50  
R 11:00-11:50  
DELIVERY IS WWW

5134015  C ARRANGED, R 2:10-3:00  
T 2:10-3:00  
DELIVERY IS WWW

5134020  D ARRANGED, T 2:10-3:00  
R 2:10-3:00  
DELIVERY IS WWW

5134025  E ARRANGED, R 3:10-4:00  
T 3:10-4:00  
DELIVERY IS WWW

5134600  XW ARRANGED  
WAGNER B  
SECT XW:JAN 21-MAY 8  
DELIVERY FEE $150.00.  
SECTION XW IS OFF CAMPUS.  
DELIVERY IS WWW

DISC MATH BUS&SOC S  MATH 150  3 CR.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY 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  
DELIVERY IS WWW
**MATHEMATICS**

**DISC MATH BUS&SOC S**  
**MATH 150  3 CR.**

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<th>Section</th>
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**BUS & SOC SCI CALC**  
**MATH 151  3 CR.**

**Prereq:** Satisfactory performance on placement exam, 2 yrs of HS algebra, 1 yr of HS geometry

Only one of the following courses/sequences of courses may be applied toward graduation: MATH 151, 160,165-166,181-182. 6 CR of MATH 151,181,165 (or 166) may be applied toward graduation if no other calculus has been taken. Credits earned in MATH 151 cannot be applied toward graduation by MATH MAJORS.

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MATHEMATICS

BUS & SOC SCI CALC  MATH 151  3 CR.
5136025  C1 MF 8:00-8:50  R 8:00-8:50
5136030  C2 MF 8:00-8:50  R 8:00-8:50
5136050  D1 MF 12:10-1:00  T 12:10-1:00
5136055  D2 MF 12:10-1:00  T 12:10-1:00
5136060  E1 MF 12:10-1:00  W 12:10-1:00
5136065  E2 MF 12:10-1:00  W 12:10-1:00
5136070  F1 MF 12:10-1:00  R 12:10-1:00
5136075  F2 MF 12:10-1:00  R 12:10-1:00

SURVEY OF CALCULUS  MATH 160  4 CR.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HIGH SCHOOL ALGEBRA, 1 YR OF GEOMETRY
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 160 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
5137005  A MTRF 10:00-10:50
5137010  B MTRF 12:10-1:00

CALCULUS I  MATH 165  4 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YRS OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY OR ENROLLMENT IN 141 OR 142
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160,165-166,181-182. 6 CR OF MATH 151,181,165 OR 166 MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN.
5138005  A MTRF 9:00-9:50
5138010  B MTRF 9:00-9:50
5138015  C MTRF 10:00-10:50
5138020  D MTRF 10:00-10:50
5138025  E MTRF 11:00-11:50
5138030  F MTRF 11:00-11:50
5138035  G MTRF 1:10-2:00
5138040  J MTRF 1:10-2:00
5138045  K MTRF 2:10-3:00
5138050  L MTRF 2:10-3:00
5138055  M MTRF 3:10-4:00

CALCULUS II  MATH 166  4 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: GRADE OF C- OR BETTER IN 165, 165H, OR HIGH MATH PLACEMENT SCORES
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182. 6 CREDITS OF MATH 151, 181, 165 (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN.
5139005  A MTRF 8:00-8:50
5139010  B MTRF 8:00-8:50
5139015  C MWF 9:00-9:50  T 8:00-8:50
5139032  D MWF 9:00-9:50  T 9:00-9:50
MATH 166 4 CR.
5139025 E MWF 9:00-9:50
T 9:00-9:50
5139030 F MWF 9:00-9:50
R 8:00-8:50
5139035 G MWF 9:00-9:50
R 9:00-9:50
5139040 H MWF 9:00-9:50
R 9:00-9:50
5139045 J MTRF 10:00-10:50
5139050 K MTRF 10:00-10:50
5139055 L MTRF 10:00-10:50
5139060 M MTRF 11:00-11:50
5139065 N MTRF 11:00-11:50
5139070 P MTRF 12:10-1:00
5139075 Q MTRF 12:10-1:00
5139080 R MTRF 12:10-1:00
5139085 S MTRF 1:10-2:00
5139090 T MTRF 1:10-2:00
5139095 U MTRF 1:10-2:00
5139100 V MTRF 2:10-3:00
5139105 W MTRF 2:10-3:00
5139110 X MWF 7:30-9:00 PM
5139115 Y MWF 7:30-9:00
5139600 XI MWF 7:30-9:00 HENTZEL I
SECT XI: JAN 12-MAY 8
DELIVERY FEE $150.00.
SECTION XI IS OFF CAMPUS.
DELIVERY IS ICB

MATH 181 4 CR.
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
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
150, 151, 160, 165-166, 165-166, 181-182. 6 CR OF MATH 151,181,165
(OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER
CALCULUS HAS BEEN TAKEN. CREDITS EARNED IN MATH 181
CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
4531005 MTRF 1:10-2:00

MATH 182 4 CR.
PREREQ: 181
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151,
150, 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

MATH 195 3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY,
ENROLLMENT IN ELEM ED OR EARLY CHILDHOOD EDUCATION
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.
5144005 A MWF 9:30-10:50
5144010 B MWF 11:00-12:20
5144015 C MWF 2:10-3:30
MATH FOR ELEM ED II  MATH 196  3 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: GRADE OF C- OR BETTER IN 195 AND ENROLLMENT IN ELEMENTARY EDUCATION
CREDITS EarnED in MATH 196 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS
8125005  A  MWF 9:30-10:50
8125010  B  MWF 11:00-12:20

INTRO TO PROOFS  MATH 201  3 CR.
PREREQ: 166 OR 166H
6998005  A  MWF 10:00-10:50
6998010  B  MWF 10:00-10:50

CALCULUS III  MATH 265  4 CR.
PREREQ: GRADE OF C- OR BETTER IN 166 OR 166H
5151005  A  MTRF 9:00-9:50
5151010  B  MTRF 9:00-9:50
5151015  C  MWF 10:00-10:50
5151025  D  MWF 10:00-10:50
5151030  E  MWF 10:00-10:50
5151040  F  MWF 10:00-10:50
5151050  G  MWF 10:00-10:50
5151055  H  MWF 10:00-10:50
5151060  I  MTRF 11:00-11:50
5151065  J  MTRF 11:00-11:50
5151070  M  MTRF 2:10-3:00
5151075  N  MTRF 2:10-3:00

HONORS CALCULUS III  MATH 265H  4 CR.
PREREQ: PERMISSION OF THE INSTRUCTOR AND 166 OR 166H
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

ELEM DIFF EQUATNS  MATH 266  3 CR.
PREREQ: GRADE OF C- OR BETTER IN 166 OR 166H
CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5152005  A  MWF 10:00-10:50
5152010  B  MWF 11:00-11:50
5152015  C  TR 11:00-12:20
5152020  D  TR 12:40-2:00

DIFF EQ & TRANSFMS  MATH 267  4 CR.
PREREQ: GRADE OF C- OR BETTER IN 166 OR 166H
CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5153005  A  MTRF 9:00-9:50
5153010  B  MTRF 9:00-9:50
5153015  C  MTRF 10:00-10:50
5153020  D  MTRF 10:00-10:50
5153025  E  MTRF 12:10-1:00
5153030  F  MTRF 12:10-1:00
5153035  G  MTRF 12:10-1:00
5153040  J  MTRF 1:10-2:00
**MATHEMATICS**

**DIFF EQ & TRANSFMS**  MATH 267  4 CR.  
5153055  K MTRF 2:10-3:00  
5153060  L MTRF 2:10-3:00

**LAPLACE TRANSFORMS**  MATH 268  1 CR.  
PREREQ: 266  
CREDIT FOR EITHER MATH 267 OR THE MATH 266,268  
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
5154005  TR 9:00-9:50  
JAN 12-MARCH 6

**INDEPENDENT STUDY**  MATH 290  1- 3 CR.  
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL  
5156005  ARRANGED

**INDEP STUDY HONORS**  MATH 290H  1- 3 CR.  
PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM  
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.  
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL  
5157005  ARRANGED

**ABSTRACT ALGEBRA I**  MATH 301  3 CR.  
PREREQ: 166 OR 166H; 307 OR 317, AND 201  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
5158005  A MWF 10:00-10:50  
5158010  B MWF 12:10-1:00

**ABSTRACT ALGEBRA II**  MATH 302  3 CR.  
PREREQ: 301  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
5159005  A MW 12:10-1:00

**MATRICES&LINEAR ALGB**  MATH 307  3 CR.  
PREREQ: 2 SEMESTERS OF CALCULUS  
CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
5161005  A MW 10:00-10:50  
5161010  B MW 11:00-11:50  
5161015  C TR 9:30-10:50  
5161020  D TR 11:00-12:20  
5161025  E TR 2:10-3:30

**GRAPHS AND NETWORKS**  MATH 314  3 CR.  
PREREQ: 166 OR 166H; 201 OR EXPERIENCE WITH PROOFS  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
5163005  TR 11:00-12:20

**THRY LINEAR ALGEBRA**  MATH 317  4 CR.  
PREREQ: 166; CREDIT OR ENROLLMENT IN 201  
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  
7872010  B MTRF 10:00-10:50

**MATHEMATICS**

**TOPOLOGY**  MATH 331  3 CR.
PREREQ: 307 OR 317
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5164005 TR 9:30-10:50

INTR THY PROBAB&S I MATH 341 3 CR.
PREREQ: MATH 265 (OR 265H)
CREDIT FOR EITHER MATH/STAT 341 OR STAT 447,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5166005 MWF 2:10-3:00

INTR THY PR&STAT II MATH 342 3 CR.
PREREQ: STAT 341; MATH 307 OR 317
5167005 MWF 10:00-10:50

NUMBER THEORY MATH 350 3 CR.
PREREQ: 307 OR 317
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5170005 MWF 1:10-2:00

COMPLEX VARIABLES MATH 365 3 CR.
PREREQ: 265
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5168005 TR 11:00-12:20

INTR SCIENTF COMPTN MATH 373 3 CR.
PREREQ: 265 OR ENROLLMENT IN 265; 266 OR 267;
KNOWLEDGE OF FORTRAN OR C
2626005 TR 2:10-3:30

INTR PART DIFF EQUA MATH 385 3 CR.
PREREQ: 265 AND ONE OF 266, 267
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5170005 TR 8:00-9:20

TEACH SECNDARY MATH MATH 397X 3 CR.
PREREQ: 201, 301
7521005 MWF 10:00-11:15

ANALYSIS I MATH 414 3 CR.
PREREQ: 201, 265; AND 307 OR 317
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5171005 MWF 11:00-11:50

ANALYSIS II MATH 415 3 CR.
PREREQ: 414
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5172005 MWF 11:00-11:50

LOGIC MATH&CPTR SCI MATH 421 3 CR.
PREREQ: MATH 301 OR 307 OR 317 OR COM S 330
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5173005 MWF 2:10-3:00

GEOMETRY II MATH 436 3 CR.
PREREQ: 435
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5176005 MWF 9:00-9:50

COMP LINEAR ALG&FIX MATH 471 3 CR.
PREREQ: MATH 265 AND EITHER MATH 266 OR 267;
KNOWLEDGE OF A PROGRAMMING LANGUAGE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5179005 TR 9:30-10:50
NUMRC SOL DIFF EQUA   MATH  481      3 CR.
PREREQ: 265 AND EITHER 266 OR 267; KNOWLEDGE OF 
A PROGRAMMING LANGUAGE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5180005     TR 2:10-3:30

HISTORY OF MATH       MATH  489      3 CR.
PREREQ: 6 CR IN MATH AT THE 300 LEVEL OR ABOVE.
RECOMMENDED CR OR ENROLLMENT IN 301 OR 414.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5181005     TR 2:10-3:30

INDEPENDENT STUDY     MATH  490   1- 3 CR.
PREREQ: 301 OR 317; 6 CREDITS IN MATH
NO MORE THAN 9 CREDITS OF MATH 490 MAY BE APPLIED 
TOWARD GRADUATION
5182005     ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS 
APPROVED ADD SLIP IN 10 ALUMNI HALL

INDEP STUDY HONORS     MATH  490H  1- 3 CR.
PREREQ: 301 OR 317; 6 CREDITS IN MATH, MEMBERSHIP 
IN UNIV HONORS PROGRAM
NO MORE THAN 9 CREDITS OF MATH 490 MAY BE 
APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO 
UNIVERSITY HONORS STUDENTS ONLY.
DEPARTMENT PERMISSION REQUIRED; PROCESS 
APPROVED ADD SLIP IN 10 ALUMNI HALL
5183005     ARRANGED

UNDERGRAD THESIS     MATH  491   2- 3 CR.
DEPARTMENT PERMISSION REQUIRED; PROCESS 
APPROVED ADD SLIP IN 10 ALUMNI HALL
5184005     ARRANGED

UNDERGRAD SEMINAR     MATH  492   2 CR.
PREREQ: CONSENT OF INSTRUCTOR
6698005     M 3:10-5:00

COOPERATIVE EDUCATN   MATH  498     R CR.
PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE 
EDUCATION COORDINATOR; SENIOR CLASSIFICATION 
4552005     ARRANGED

NUMERICAL ANALYS II   MATH  503      3 CR.
PREREQ: 414 OR 501 
5337005     MWF 10:00-10:50

ABSTRACT ALGEBRA II   MATH  505      3 CR.
PREREQ: 504 
5187005     MWF 12:10-1:00

FNCT SNGL CMPLX VAR   MATH  511      3 CR.
PREREQ: 414 OR 465 OR 501 
5192005     MWF 9:00-9:50

REAL ANALYSIS II     MATH  516      3 CR.
PREREQ: 515 
8868005     MWF 11:00-11:50
MTH APPLIED MATH II   MATH  520      3 CR.
PREREQ: 519 
2297005 MWF 2:10-3:00 

NUM ANALY HI-P COMP MATH 525      3 CR.
PREREQ: CPR E 308 OR MATH 471 OR 481; EXPERIENCE IN SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C 
1367005 TR 11:00-12:20 

CRYPTOGRAPHY MATH 533      3 CR.
PREREQ: MATH 301 OR CPR E 310 OR COM S 330 
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY 
6191005 MWF 1:10-2:00 
6191600 XE ARRANGED 
SECT XE:JAN 12-MAY 8 
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER. SECTION XE IS OFF CAMPUS. DELIVERY IS VIDEOSTREAMING 

STEGANOGRPH&WTRMARK MATH 535      3 CR.
PREREQ: 533 OR CPR E 531 OR E E 524 
7681005 TR 9:30-10:50 
7681600 XE ARRANGED 
SECT XE:JAN 12-MAY 8 
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER. SECTION XE IS OFF CAMPUS. DELIVERY IS VIDEOSTREAMING 

RANDOM SIGNAL&KALMN MATH 573      3 CR.
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 

OPTIMAL CONTROL MATH 574      3 CR.
PREREQ: E E 577 
8193005 MWF 1:10-2:00 
8193600 XE ARRANGED 
SECT XE:JAN 12-MAY 8 
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 FOR PERMISSION TO REGISTER. SECTION XE IS OFF CAMPUS. DELIVERY IS VIDEOSTREAMING 

INTRO ROBUST CONTRL MATH 575      3 CR.
PREREQ: E E 577 
3009005 TR 8:00-9:15 

DIGIT FEEDBCK CNTRL MATH 576      3 CR.
PREREQ: EE 475 OR AER E 432 OR M E 411 OR 414 OR MATH 415; AND MATH 267 
8194005 TR 2:10-3:30 

NONLINEAR SYSTEMS MATH 578      3 CR.
PREREQ: E E 577 
8195005 TR 9:30-10:50 
8195600 XE ARRANGED 
SECT XE:JAN 12-MAY 8 
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
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<th>MEET TIMES</th>
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</thead>
<tbody>
<tr>
<td>NONLINEAR SYSTEMS</td>
<td>MATH 578</td>
<td>3 CR.</td>
<td>PERMISSION TO REGISTER.</td>
<td></td>
</tr>
<tr>
<td>SPECIAL TOPICS</td>
<td>MATH 590</td>
<td>VAR. CR.</td>
<td>DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED</td>
<td></td>
</tr>
<tr>
<td>CREATIV COMPONENT</td>
<td>MATH 599</td>
<td>VAR. CR.</td>
<td>SEE DEPT FOR REFERENCE NUMBERS</td>
<td></td>
</tr>
<tr>
<td>MATHEMATIC LOGIC II</td>
<td>MATH 602</td>
<td>3 CR.</td>
<td>PREREQ: 601</td>
<td>TR 11:00-12:20</td>
</tr>
<tr>
<td>ENUM COM&amp;ORDRD SETS</td>
<td>MATH 606</td>
<td>3 CR.</td>
<td>PREREQ: 504 OR PERMISSION OF INSTRUCTOR</td>
<td>TR 12:40-2:00</td>
</tr>
<tr>
<td>SEMINAR</td>
<td>MATH 610</td>
<td>VAR. CR.</td>
<td>DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED</td>
<td></td>
</tr>
<tr>
<td>BOOLEAN ALGEBRAS</td>
<td>MATH 618</td>
<td>3 CR.</td>
<td>PREREQ: 504</td>
<td>MWF 2:10-3:00</td>
</tr>
<tr>
<td>ALGEBRAIC TOPOLOGY</td>
<td>MATH 622</td>
<td>3 CR.</td>
<td>PREREQ: 504</td>
<td>MWF 10:00-10:50</td>
</tr>
<tr>
<td>ADV STOCHAST PROCES</td>
<td>MATH 645</td>
<td>3 CR.</td>
<td>PREREQ: PERMISSION OF INSTRUCTOR</td>
<td>TR 2:10-3:30</td>
</tr>
<tr>
<td>PARTIAL DIFF EQ II</td>
<td>MATH 656</td>
<td>3 CR.</td>
<td>PREREQ: 655</td>
<td>TR 12:40-2:00</td>
</tr>
<tr>
<td>DYNAMICAL SYSTEMS</td>
<td>MATH 658</td>
<td>3 CR.</td>
<td>PREREQ: 501 OR 515</td>
<td>MWF 1:10-2:00</td>
</tr>
<tr>
<td>ADV TOPICS ALGEBRA</td>
<td>MATH 690A</td>
<td>3 CR.</td>
<td>PREREQ: PERMISSION OF INSTRUCTOR</td>
<td></td>
</tr>
<tr>
<td>ADV TOP FUNCT ANALY</td>
<td>MATH 690B</td>
<td>3 CR.</td>
<td>PREREQ: PERMISSION OF INSTRUCTOR</td>
<td></td>
</tr>
<tr>
<td>ADV TOP CNTRL THRY</td>
<td>MATH 690C</td>
<td>3 CR.</td>
<td>PREREQ: PERMISSION OF INSTRUCTOR</td>
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</tbody>
</table>
MATHEMATICS

ADV TOP APPROX THRY MATH 690D 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5235005   ARRANGED

ADV TOPC LINEAR ALG MATH 690E 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5236005   ARRANGED

ADV TP HARMONC ANLY MATH 690H 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5238005   ARRANGED

ADV TOP COMBINATORC MATH 690I 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
6699005   ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV TOPIC MATH EDUC MATH 690K 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6700005   ARRANGED

ADV TOPIC LOGIC&FND MATH 690L 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5239005   ARRANGED

ADV TOP COMPLX ANLY MATH 690M 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5240005   ARRANGED

ADV TOPIC NUM ANALY MATH 690N 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
5241005   ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV TOP PART DIF EQ MATH 690P 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5243005   ARRANGED

ADV TP GROUP THEORY MATH 690Q 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6705005   ARRANGED
MATH 690R     3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6706005     ARRANGED

MATH 690S     3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5244005     ARRANGED

MATH 690T     3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5245005     ARRANGED

MATH 690U     3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5246005     ARRANGED

MATH 690V     3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
5247005     ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

MATH 690W     3 CR.
PREREQ: PERMISSION OR INSTRUCTOR
9603005     ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

MATH 690Y     3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9604005     ARRANGED

MATH 690Z     3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
6707005     ARRANGED

MATH 699     VAR. CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

ME 102     3 CR.
5807005     A R 2:10-3:00

ME 190     1 CR.
7612005     1 MW 2:10-3:00
7612010     2 MW 2:10-3:00
7612015     3 MW 2:10-3:00
7612020     4 MW 2:10-3:00
7612025     5 MW 2:10-3:00
7612030     6 MW 2:10-3:00
7612035     7 MW 2:10-3:00
<table>
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<tr>
<th>Course Code</th>
<th>Section</th>
<th>Type</th>
<th>Instructor</th>
<th>Credits</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>7612040</td>
<td>8</td>
<td>MW</td>
<td></td>
<td>2:10-3:00</td>
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<tr>
<td>7612045</td>
<td>9</td>
<td>MW</td>
<td></td>
<td>2:10-3:00</td>
<td></td>
</tr>
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</table>

**MECHANICAL ENGINEERING**

**MECH ENGR PRO PLAN**  M E  202   R CR.
SATISFACTORY–FAIL ONLY.
PREREQ: SOPHOMORE CLASSIFICATION
4870005  A  T 2:10-3:00

**ENGR THERMODYNAMS I**  M E  231   3 CR.
PREREQ: MATH 265, CHEM 167, PHYS 222
COURSE RESTRICTED TO M E, A E, C E, CON E, AER E
MAJORS ONLY. CREDIT FOR EITHER M E 330 OR M E 231,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
4877005  A  MWF 9:00-9:50
4877010  B  MWF 11:00-11:50
4877015  C  MWF 2:10-3:00
4877600  XE ARRANGED            HAGGE M
SECT XE: JAN 12–MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS. DELIVERY IS VIDEOSTREAMING

**INTR MCH ENG DESIGN**  M E  270   3 CR.
PREREQ: ENGR 170, PHYS 221
COURSE RESTRICTED TO M E MAJORS ONLY.
MATERIALS FEE $20.00
6270005  A  T 2:10-3:00
        MWF 8:00-9:50
6270010  B  T 2:10-3:00
        MWF 10:00-11:50
6270015  C  T 3:10-4:00
        MWF 1:10-3:00
6270020  D  T 3:10-4:00
        MWF 3:10-5:00

**INTR HIST OF SCI II**  M E  281   3 CR.
4866005  1  MW 10:00-10:50 WILSON D
        R 8:00-8:50
4866010  2  MW 10:00-10:50 WILSON D
        F 8:00-8:50
4866015  3  MW 10:00-10:50 WILSON D
        F 9:00-9:50
4866020  4  MW 10:00-10:50 WILSON D
        F 10:00-10:50

**COOPERATIVE EDUCATN**  M E  298   R CR.
PREREQ: PERMISSION OF DEPT CHAIR
*******  SEE DEPT FOR REFERENCE NUMBERS

**MANUFACTURING ENGR**  M E  324   4 CR.
PREREQ: 270, MAT E 272, E M 324
2-PART COURSE. REGISTER FOR LETTERED SECTION
FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E
AND A E MAJORS ONLY.
MATERIALS FEE $15.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6277005  A  MWF 1:10-2:00
6277020  1  T 10:00-11:50
6277025  2  R 10:00-11:50
6277030  3  T 1:10-3:00
6277035  4  R 1:10-3:00
6277040  5  T 3:10-5:00
6277045  6  R 3:10-5:00
6277050  7  T 8:00-9:50
6277055 8 R 8:00-9:50
MECHANICAL ENGINEERING

MACHINE DESIGN M E 325  3 CR.
PREREQ: ENGR 170, E M 324, STAT 305
COURSE RESTRICTED TO M E AND A E MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6287005  A MWF 10:00-10:50
6287010  B MWF 1:10-2:00
6287015  C MWF 9:00-9:50
6287600  XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDU AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

THERMODYNAMICS M E 330  3 CR.
PREREQ: PHYS 222. FOR STUDENTS ELECTING
ONE COURSE IN ENGINEERING THERMODYNAMICS
CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT IN
M E 330 WILL NOT BE APPLIED TOWARD A DEGREE IN M E.
4876005  A MWF 1:10-2:00

ENGR THERMODYNMS II M E 332  3 CR.
PREREQ: 231
COURSE RESTRICTED TO M E MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4878005  A MWF 8:00-8:50
4878010  B MWF 2:10-3:00
4878015  C MWF 11:00-11:50

FLUID FLOW M E 335  4 CR.
PREREQ: E M 345, MATH 266 OR 267, CREDIT OR
ENROLLMENT IN M E 332 AND 370
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
5703020  1 M 10:00-11:50
5703025  2 M 1:10-3:00
5703030  3 T 10:00-11:50
5703035  4 T 8:00-9:20
5703040  5 T 3:10-5:00
5703045  6 W 10:00-11:50
5703050  7 W 1:10-3:00
5703055  8 W 3:10-5:00
5703060  9 R 8:00-9:50
5703065  10 M 3:10-5:00
5703070  11 R 3:10-5:00
5703075  12 R 10:00-11:50

MEASURMTS&INSTRUMTN M E 370  3 CR.
PREREQ: E E 442, STAT 305
RESTRICTED TO M E MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4881005  A MW 8:00-8:50
  R 9:00-11:50
4881010  B MW 8:00-8:50
  R 12:10-3:00
4881015  C MW 8:00-8:50
  R 3:10-6:00PM
4881020  D MW 8:00-8:50
  T 12:10-3:00
MECHANICAL ENGINEERING

MEASURMENTS&INSTRUMTN  M E   370      3 CR.
4881025  E MW 8:00-8:50
          T 9:00-11:50
4881030  F MW 8:00-8:50
          T 3:10-6:00PM
4881035  G MW 8:00-8:50
          W 3:10-6:00PM
4881040  H MW 8:00-8:50
          F 12:10-3:00
4881045  J MW 8:00-8:50
          F 9:00-11:50
4881050  K MW 8:00-8:50
          W 9:00-11:50
4881055  L MW 8:00-8:50
          W 12:10-3:00

ENGR INTERNSHIP  M E   397      R CR.
PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

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

M E APPL MECHATRONC  M E   410      3 CR.
PREREQ: E E 442, 448, CREDIT OR ENROLLMENT IN 421 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5659005  A TR 10:00-10:50
          M 4:10-6:00PM
5659010  B TR 10:00-10:50
          W 4:10-6:00PM

HYDRAU SYS &CONTROL  M E   414      3 CR.
PREREQ: 335, 421 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4887005  A TR 10:00-10:50
4887010  B TR 12:40-3:30
4887015  C TR 3:40-6:30PM

MECHANICAL SYST DSN  M E   415      3 CR.
PREREQ: 324, 325 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4888005  A TR 9:30-12:20
4888010  B TR 12:40-3:30
4888015  C TR 3:40-6:30PM

ADV MACHINE DSIGN I  M E   417      3 CR.
PREREQ: 325 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7636005  A MW 3:10-4:25
7636010  B MW 3:10-4:15
7636015  C MW 3:00-4:00
7636020  D MW 3:00-4:00
7636025  E MW 3:10-4:25
7636030  F MW 3:10-4:15
7636035  G MW 3:00-4:00
7636600  XE ARRANGED STARNES G
          SECT XE: JAN 12-MAY 8
          DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER. SECTION XE IS OFF CAMPUS. DELIVERY IS VIDEOSTREAMING
MECHANICAL ENGINEERING

MECH CONSID ROBOTCS   M E   418      3 CR.
PREREQ: CR OR ENROLLMENT IN 421
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8109005   A MWF 11:00-11:50

MECH SYST & CONTROL   M E   421      4 CR.
PREREQ: E M 345, MATH 267, E E 442, 448
COURSE RESTRICTED TO M E MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8109005   A TR 8:00-9:15
T 10:00-11:50
6310005   B TR 8:00-9:15
R 10:00-11:50
6310025   C TR 8:00-9:15
M 10:00-11:50
6310030   D TR 8:00-9:15
W 10:00-11:50
6310035   E TR 8:00-9:15
T 2:10-4:00
6310040   F TR 8:00-9:15
R 2:10-4:00
6310045   G TR 8:00-9:15
M 12:10-2:00
6310050   H TR 8:00-9:15
W 12:10-2:00
6310055   J TR 8:00-9:15
M 2:10-4:00
6310060   K TR 8:00-9:15
W 2:10-4:00
6310065   L TR 8:00-9:15
F 10:00-11:50
6310070   M TR 8:00-9:15
F 2:10-4:00

MECHAN SYS OPTIMIZA   M E   425      3 CR.
PREREQ: ENGR 160
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3549005   A MWF 3:10-4:00
3549600  XE ARRANGED               WINER E
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEO STREAMING

HEAT TRANSFER         M E   436      4 CR.
PREREQ: 335
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 12:10-1:00
5711015   1 T 1:10-3:00
5711020   2 T 3:10-5:00
5711025   3 W 10:00-11:50
5711030   4 R 1:10-3:00
5711035   5 R 3:10-5:00
5711040   6 W 1:10-3:00
5711045   7 W 3:10-5:00
5711050   8 T 10:00-11:50
5711055   9 R 10:00-11:50
5711060   10 F 8:00-9:50
5711065   11 F 10:00-11:50
5711070   12 F 1:10-3:00
MECHANICAL ENGINEERING

HEAT & AIR COND DESIGN ME 442 3 CR.
PREREQ: 441
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4893005 1 MWF 2:10-4:00

FLUID DYN TURBOMACH ME 448 3 CR.
PREREQ: ME 335 OR EQUIVALENT
COURSE RESTRICTED TO ME MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4898005 MWF 9:00-9:50

ENGINEERING VIBRATIONS ME 450X 3 CR.
PREREQ: 324, 345
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7883005 TR 9:30-10:50

MULTIDISC ENGR DSGN ME 466 3 CR.
PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
GRADUATION, PERMISSION OF INSTRUCTOR
1903005 A T 3:10-4:00, ARRANGED
1903010 B R 3:10-4:00, ARRANGED

MODELING & SIMULATN ME 475 3 CR.
PREREQ: 421, CREDIT OR ENROLLMENT IN 436
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4903005 A MWF 9:00-9:50

IND STU MEAS & INSTRM ME 490C 1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU HEAT TRANSF ME 490D 1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID POWER ME 490E 1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN & SYS ME 490F 1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU MATRLS & MFG ME 490G 1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ME 490H 1-6 CR.
PREREQ: SR CLASSIFICATION, MEMBERSHIP IN HONORS PROG
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN ME 490J 1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID MECH ME 490K 1-6 CR.
PREREQ: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS
MECHANICAL ENGINEERING

IND STU TURBOMACHIN  M E  490L  1- 6 CR.
PREREQ: SENIOR CLASSIFICATION
******* See Dept for Reference Numbers

INDEP STU NUCL ENGR  M E  490M  1- 6 CR.
PREREQ: SENIOR CLASSIFICATION
******* See Dept for Reference Numbers

INDEP STUDY CAD/CAM  M E  490N  1- 6 CR.
PREREQ: SENIOR CLASSIFICATION
******* See Dept for Reference Numbers

COOPERATIVE EDUC  M E  498  R CR.
PREREQ: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* See Dept for Reference Numbers

ADV CONTROL DESIGN  M E  511  3 CR.
PREREQ: 411
8144005  A TR 3:10-4:30
8144600  XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

BH&MFG POLYM&CMPPOS  M E  521  3 CR.
PREREQ: 324 OR MAT E 272 AND E M 324
4926005  A MWF 10:00-10:50
4926600  XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

MECHAN SYS OPTIMIZA  M E  525X  3 CR.
PREREQ: ENGR 160
8808005  A MWF 3:10-4:00
8808600  XE ARRANGED WINER E
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

MECH MACHIN&FINISHG  M E  527  3 CR.
PREREQ: 324
8269005  A TR 3:40-5:00

COMPRESBL FLUID FLO  M E  532  3 CR.
PREREQ: M E 335 OR AER E 541
6272005  A TR 8:00-9:20

MECHANICAL ENGINEERING

ADV HEAT TRANSFER  M E  536  3 CR.
PREREQ: 436
4933005   A MW 3:10-4:30
4933600   XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INTR RAN DM VIB&NONL  M E  543  3 CR.
PREREQ: E M 444
2807005   ARRANGED

THERMAL SYST DESIGN  M E  545  3 CR.
PREREQ: 436
8702005  TR 9:30-10:50
8702600  XE ARRANGED
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

FLU MECH&HEAT TR II  M E  547  3 CR.
PREREQ: M E 546
4940005   MWF 2:10-3:00

CMPTR GRPH&GEOM MOD  M E  557  3 CR.
PREREQ: PROGRAMMING EXPERIENCE IN C, MATH 307 OR
EQUIVALENT
4889005  TR 12:40-2:00

RANDOM SIGNAL&KALMN  M E  573  3 CR.
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

OPTIMAL CONTROL  M E  574  3 CR.
PREREQ: E E 577
8197005   MWF 1:10-2:00
8197600  XE ARRANGED  LU P
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 FOR PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

INTRO ROBUST CONTRL  M E  575  3 CR.
PREREQ: E E 577
3080005  TR 8:00-9:15

DIGIT FEEDBCK CNTRL  M E  576  3 CR.
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
MECHANICAL ENGINEERING

NONLINEAR SYSTEMS  M E  578  3 CR.
FREREQ: E E 577
8200005  TR 9:30-10:50
8200600  XE ARRANGED  CHEN D
SECT XE: JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR PERMISSION TO REGISTER. SECTION XE IS OFF CAMPUS. DELIVERY IS VIDEOSTREAMING

SPL TOP EXP GAS DYN  M E  590A  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLUID MECH  M E  590B  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HEAT TRANSF  M E  590C  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC THERMODYN  M E  590D  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TURBOMACHIN  M E  590E  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP VEHIC PROPUL  M E  590F  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV MACH DSN  M E  590G  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AUTO CONTRL  M E  590I  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIR &DSGN  M E  590J  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MATLS BEHAV  M E  590K  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MFG PROCESS  M E  590L  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC TRIBOLOGY  M E  590M  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SENSTV MTHD  M E  590N  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR COMPUT  M E  590O  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR MEASUR  M E  590P  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

SP TOP LIT INVESTIG  M E  590Q  1-8 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING
SPL TOP NUCLEAR ENG  M E  590R  1- 8 CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOP CAD/CAM  M E  590S  1- 8 CR. 
********   SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR  M E  600  R CR.  
4964005   A R 11:00-11:50

MULTIPHASE FLOW  M E  632  3 CR.  
PREREQ: 538  
4967005   A ARRANGED

CONVECTN HEAT TRANS  M E  637  3 CR.  
PREREQ: 436  
4969005   A ARRANGED

ADV TOP EXP GAS DYN  M E  690A VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLUID MECH  M E  690B VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HEAT TRANSF  M E  690C VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC THERMODYN  M E  690D VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOP TURBOMACHIN  M E  690E VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOP VEHI PROPUL  M E  690F VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TP ADV MACH DSN  M E  690G VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AUTO CONTRL  M E  690I VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MATLS BEHAV  M E  690K VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MFG PROCESS  M E  690L VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC TRIBOLOGY  M E  690M VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SENSTV MTHD  M E  690N VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR COMPUT  M E  690O VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR MEASUR  M E  690P VAR.  CR.  
********   SEE DEPT FOR REFERENCE NUMBERS
MECHANICAL ENGINEERING

ADV TOP LIT INVESTG M E 690Q VAR. CR.
****** SEE DEPT FOR REFERENCE NUMBERS

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

METEOROLOGY

WORLD WATER RESOURC MTEOR 160X 3 CR.
3242005 MWF 9:00-9:50 FRANZ K

INTRO METEOROLOGY MTEOR 206 3 CR.
5375005 MW 2:10-3:00 FLORY D

COOPERATIVE EDUCATN MTEOR 298 R CR.
PREREQ: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
4813005 ARRANGED

GEN METEOROLOGY I MTEOR 301 4 CR.
PREREQ: MATH 166, CREDIT OR ENROLLMT IN PHYS 222
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5376005 1 MWF 9:00-9:50
T 9:00-9:50

METEOROL INTERNSHIP MTEOR 321 1-2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 311; JR OR SR STANDING; PERMISSION OF COOP PROGRM COORD; ACCEPTANCE BY SPONSORING AGENCY
5381005 ARRANGED

ENERGY & THE ENVIRON MTEOR 324 3 CR.
MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
FIELD TRIPS & TRAVEL FEE $0.00-$50.00
5614005 1 MWF 11:00-11:50 SIMPKINS W

ATMOSP PHYSICS II MTEOR 342 3 CR.
PREREQ: 341
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5383005 MW 10:00-10:50

COOPERATIVE EDUCATN MTEOR 398 R CR.
PREREQ: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4823005 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

GLOBAL CHANGE MTEOR 404 3 CR.
PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8141005 MWF 11:00-11:50
SYLLABUS: http://www.meteor.iastate.edu/classes/mt404

ENVIRONM BIOPHYSICS MTEOR 405 3 CR.
PREREQ: MATH 166 OR EQUIVALENT
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6958005 TR 11:00-12:30 HORNBUCKLE B
HYDROLOGIC MODELING AND ANALYSIS — MTEOR 416X — 3 CR.
PREREQ: MATH 165 OR MATH 181; PHYS 111 OR PHYS 221; GEOG 402 OR EQUIVALENT
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7503005  MWF 11:00-11:50  FRANZ K
MW 12:10-1:00

MESOSCOPIC FORECASTING LAB — MTEOR 417 — 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 411
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5389005  TR 2:10-4:30
MW 3:10-3:30

INSTRUMENTATION AND MEASUREMENT — MTEOR 432 — 3 CR.
PREREQ: CR OR ENR IN STAT 105, MATH 266, PHYS 222
MATERIALS AND FIELD TRIPS & TRAVEL FEE $20.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5377005  MW 2:10-3:00

DYNAMIC METEOROLOGY I — MTEOR 443 — 3 CR.
PREREQ: 341
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5385005  MW 1:10-2:00

INDIVIDUAL STUDY SYNOPSIS — MTEOR 490A — 1-3 CR.
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8424005  ARRANGED

INDIVIDUAL STUDY DYNAMIC — MTEOR 490B — 1-3 CR.
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8425005  ARRANGED

INDIVIDUAL STUDY PHYSICAL — MTEOR 490C — 1-3 CR.
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8426005  ARRANGED

INDIVIDUAL STUDY INSTRUMENTATION — MTEOR 490D — 1-3 CR.
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
1010005  ARRANGED

INDIVIDUAL STUDY HYDROLOGY — MTEOR 490E — 1-3 CR.
PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
8668005  ARRANGED

COOPERATIVE EDUCATION — MTEOR 498 — R CR.
PREREQ: PERMISSION OF THE DEPT. COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4824005  ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

GLOBAL CHANGE — MTEOR 504 — 3 CR.
PREREQ: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING
8142005  MWF 11:00-11:50
METEOROLOGY

ENVIORNMT BIOPHYSICS  MTEOR 505  3 CR.
PREREQ: MATH 166 OR EQUIVALENT
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5393005    TR 11:00-12:30    HORNBUCKLE B

HYDROLGC MDLNG ANLY  MTEOR 516X  3 CR.
PREREQ: MATH 165 OR MATH 181; PHYS 111 OR PHYS 221; GEOG 402 OR EQUIVALENT
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7500005    MWF 11:00-11:50    FRANZ K
            MW 12:10-1:00

MESOSCA FORECAS LAB  MTEOR 517  3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 411
4577005    TR 2:10-4:30
            MW 3:10-3:30

INSTRUMNT&MEASURMNT  MTEOR 532  3 CR.
PREREQ: CR OR ENR IN STAT 105, MATH 266, PHYS 222
MATERIALS AND FIELD TRIPS & TRAVEL FEE $20.00
4576005    MWF 2:10-3:00

ADV DYNAM MTEOR II  MTEOR 544  3 CR.
PREREQ: 543
5397005    MWF 12:10-1:00

SPL TOP BOUND-LAYER  MTEOR 590A  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
8427005    ARRANGED

SPL TOPICS TROPICAL  MTEOR 590B  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
8429005    ARRANGED

SPL TOPCS MESOSCALE  MTEOR 590C  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
8430005    ARRANGED

SPL TOP GLOBAL SYST  MTEOR 590D  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
8431005    ARRANGED

SPL TOPC CLIM MODEL  MTEOR 590E  1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
8432005    ARRANGED

SPL TOP NUMERI PRED  MTEOR 590F  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
8433005    ARRANGED

SPL TOP SATEL OBSRV  MTEOR 590G  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
8434005    ARRANGED

SPL TOP STAT METHDS  MTEOR 590H  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
8435005    ARRANGED

METEOROLOGY

SPL TOP FIELD OBSRV  MTEOR 590I  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
8437005     ARRANGED

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
1230005     ARRANGED

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
3901005     ARRANGED

SPL TOP ATMS RADIA MTEOR 590L 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
3904005     ARRANGED

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
8669005     ARRANGED

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

MICROBIOLOGY

INTRO MICROBIOLOGY MICRO 201 2 CR.
PREREQ: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY
5305005     TR 1:10-2:00

INTRO MICROBIOL LAB MICRO 201L 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 201 OR 302
CREDIT FOR EITHER MICRO 201L OR MICRO 302L,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $45.00
1433005 1 MW 8:00-9:20
1433010 2 MW 9:30-10:50
1433015 3 MW 11:00-12:20
1433020 4 TR 8:00-9:20
1433025 5 TR 9:30-10:50
1433030 6 TR 11:00-12:20

BIOL MICROORGANISMS MICRO 302 3 CR.
PREREQ: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212;
ONE SEMESTER OF CHEMISTRY
1426005 1 A MWF 10:00-10:50

MICROBIOLOGY LAB MICRO 302L 1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 302
CREDIT FOR EITHER MICRO 201L OR MICRO 302L,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
MATERIALS FEE $45.00
3024005 1 MW 1:10-2:30
3024010 2 MW 2:40-4:00

MICROB PHYSIOL&GENE MICRO 320 4 CR.
PREREQ: 302, BIOL 313, CR OR ENROLLMT IN CHEM 332
3781005 1 MWF 10:00-10:50

INSECTS & OUR HEALTH MICRO 374 3 CR.
PREREQ: 3 CREDITS IN BIOLOGICAL SCIENCES
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2784005 1 A MWF 2:10-3:00
MICROBIOLOGY

SAFTY FOOD FROM ANI  MICRO 407  3 CR.
PREREQ: 420 1881005  1 TR 9:30-10:50

PROCARYO DIVERS&ECO  MICRO 430  3 CR.
PREREQ: 302,302L  6309005 MWF 1:10-2:00

UNDERGRAD SEMINAR  MICRO 450  1 CR.
PREREQ: SP CM 212 AND SR STANDING IN MICROBIOLOGY  5319005 R 11:00-11:50

IMMUNOLOGY  MICRO 475  3 CR.
PREREQ: 310 CREDIT FOR EITHER MICRO 475 (OR 575) OR V MPM 520, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION 9677005 MWF 8:00-8:50

IMMUNOLOGY LAB  MICRO 475L  1 CR.
PREREQ: CREDIT OR ENROLLMENT IN 475 OR 575 MATERIALS FEE $45.00 6720005  1 TR 1:10-4:00 SECT 1: JAN 12-MARCH 6

INDEPENDENT STUDY  MICRO 490  1- 5 CR.
PREREQ: A MINIMUM OF 6 CR HOURS OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, PERMISSION OF INSTRUCTOR NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY  MICRO 490H  1- 5 CR.
PREREQ: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY TO HONORS STUDENTS ONLY. INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
****** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP  MICRO 495  1- 2 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR 9679005 ARRANGED

SAFTY FOOD FROM ANI  MICRO 507  3 CR.
PREREQ: 420 2129005 A TR 9:30-10:50

PROCARYOT DIVRS&ECO  MICRO 530  3 CR.
PREREQ: 302  6600005 MWF 1:10-2:00

MICROBIOLOGY

LIVESTK IMMUNOGENET  MICRO 540  2 CR.
PREREQ: AN S 561 OR MICRO 575 OR V MPM 520
7622005  1 ARRANGED  LAMONT S

PATHOGENIC MICROORG  MICRO 553  1 CR.
PREREQ: 302, BIOL 313
7078600  XW ARRANGED  CORNICK N
SECT XW: JAN 12-MAY 8
DELIVERY FEE $150.00 IN ADDITION TO TUITION
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

VIROLOGY  MICRO 554  1 CR.
PREREQ: UNDERGRADUATE COURSES IN GENERAL MICRO AND GENETICS
7118005  MWF 10:00-10:50  WHITHAM S
JAN 12-FEB 13

FUNGAL BIOLOGY  MICRO 555  1 CR.
PREREQ: 302, BIOL 313
7138005  MWF 10:00-10:50  HARRINGTON T
APRIL 6-MAY 8

MICROB ECO & ENV MONIT  MICRO 556  1 CR.
PREREQ: 302, BIOL 313
7159005  MWF 10:00-10:50  BEATTIE G
JAN 12-FEB 13

PRO PRACTC RESEARCH  MICRO 565A  .5 CR.
PREREQ: GRADUATE CLASSIFICATION
8135005  1 T 12:10-1:00
8135010  2 ARRANGED

PRO PRAC INTEL PROP  MICRO 565B  .5 CR.
PREREQ: GRADUATE CLASSIFICATION
8136005  ARRANGED

IMMUNOLOGY  MICRO 575  3 CR.
PREREQ: 310
CREDIT FOR EITHER V MPM 520 OR MICRO/V MPM 575,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5335005  MWF 8:00-8:50

SEMINAR  MICRO 604  1 CR.
SATISFACTORY-FAIL ONLY.
6962005  A R 4:10-5:00  BOGDANOVE A

MECHNSM BACT PATHOG  MICRO 625  4 CR.
PREREQ: CREDIT IN BIOCHEM AND MICROBIOL
6954005  ARRANGED

ADV FOOD MICROBIOLG  MICRO 626  3 CR.
PREREQ: FS HN 420 OR 421 OR 504
5341005  TR 2:10-3:25

TRANSMIS EL MICROSC  MICRO 681  5 CR.
PREREQ: GDCB 679 AND PERMISSION OF INSTRUCTOR
MATERIALS FEE $200.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5346005  W 12:10-1:00
F 8:00-8:50
W 1:00-4:00
F 9:00-9:50
F 12:30-4:00
MICROBIOLOGY

CURR TOPIC MICROBIO MICRO 690A 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SEMN MOLEC,C,DV BIO MICRO 698 1- 2 CR.
5350005 M 3:10-5:00

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

MILITARY SCIENCE

STRUC&PUNC U.S.ARMY M S 102 1 CR.
PREREQ: CONCURRENT ENROLLMENT IN M S 102L REQ'D
NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
COURSES MAY BE APPLIED TOWARD GRADUATION. CONCURRENT
ENROLLMENT IN M S 102L REQUIRED.
4995005 1 M 10:00-10:50
4995010 2 W 10:00-10:50
4995015 3 M 3:10-4:00
4995020 4 T 10:00-10:50
4995025 5 W 3:10-4:00
4995030 6 TR 11:00-11:50
SECT 6:MARCH 9-MAY 8
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

BASIC LDRSHIP LAB II M S 102L 1 CR.
PREREQ: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
COURSES MAY BE APPLIED TOWARD GRADUATION. CONCURRENT
ENROLLMENT IN M S 102L REQUIRED.
EQUIPMENT USE FEE $35.00
2983005 1 W 4:10-5:00, ARRANGED

ARMY PHY READINESS M S 150X 1 CR.
MATERIALS AND EQUIPMENT USE FEE $15.00-$25.00
8414005 1 MTF 6:00-7:15
8414010 2 MTF 6:00-7:15
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

MAP READ&LAND NAVIG M S 202 2 CR.
PREREQ: CONCURRENT ENROLLMENT IN M S 202L REQUIRED
NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
COURSES MAY BE APPLIED TOWARD GRADUATION. CONCURRENT
ENROLLMENT IN M S 202L REQUIRED.
4999005 1 MW 11:00-11:50
4999010 2 TR 9:00-9:50
4999015 3 MW 9:00-9:50
4999020 4 TR 11:00-11:50

BAS LEADRSHIP LAB IV M S 202L 1 CR.
PREREQ: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
COURSES MAY BE APPLIED TOWARD GRADUATION. CONCURRENT
ENROLLMENT IN M S 202L REQUIRED.
EQUIPMENT USE FEE $35.00
3198005 1 W 4:10-5:00, ARRANGED
MILITARY SCIENCE

ADV ARMY PHYS READI  M S  250X   2 CR.
PREREQ: SUCCESSFULLY COMPLETE M S 150X, PERMISSION OF THE DEPARTMENT CHAIR
8832005   1 MTRF 6:00-7:15
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

IND STDY:BASIC MILI  M S  290   1-3 CR.
PREREQ: PERMISSION OF THE M S DEPT CHAIR
NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL COURSES MAY BE APPLIED TOWARD GRADUATION. COURSE OFFERED FOR 1-3 CREDITS SPRING 2009.
8153005   1 ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

APPLIED LEADERSHIP  M S  302   3 CR.
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 12:40-2:00
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5002010   2 TR 2:10-3:25
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV LEADRSHP LAB II  M S  302L   1 CR.
PREREQ: COMPLETION OF THE BASIC PROGRAM, CONCURRENT ENROLLMENT IN M S 302 AND PERMISSION OF THE DEPARTMENT CHAIR OF MILITARY SCIENCE
EQUIPMENT USE FEE $35.00
5005005   1 W 4:10-5:00, ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PRACTICM:ADV SKILLS  M S  310   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF THE M S DEPARTMENT CHAIR
5006005   1 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SEMINR: PRO OFFICER  M S  402   3 CR.
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
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5009010   2 MW 1:30-3:00
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV LEADRSHP LAB IV  M S  402L   1 CR.
PREREQ: COMPLETION OF THE BASIC PROGRAM, CONCURRENT ENROLLMENT IN M S 402 AND PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR
EQUIPMENT USE FEE $35.00
5010005   1 W 4:10-5:00, ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
MILITARY SCIENCE

PRACTCM: SKILL LEADR M S 410 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF THE M S DEPARTMENT CHAIR
5011005 1 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

IND STDY: ADV MIL ST M S 490 1 CR.
PREREQ: M S 301, 302, 401, 402, PERMISSION
OF THE MILITARY SCIENCE DEPARTMENT CHAIR
9598005 1 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

MOLECULAR CELLULAR DEV BIOLOGY

MOLECULAR GENETICS MCDB 511 3 CR.
PREREQ: BIOL 313 AND BBMB 405
5303005 MWF 9:00-9:50

PLANT GROWTH & DEVELOP MCDB 512 2 CR.
PREREQ: BIOL 330 OR A COURSE IN DEVELOPMENTAL
BIOLOGY; GDCB 545 OR BBMB 404, 405 OR GDCB 320
5251005 MW 10:00-10:50

SPECIAL TOPICS MCDB 590 VAR. CR.
5260005 ARRANGED

GRAD RESRCH ROTATN MCDB 697 1-6 CR.
SATISFACTORY-FAIL ONLY.
7278005 ARRANGED

SEM MN Molec, C, DV BIO MCDB 698 1-2 CR.
COURSE OFFERED FOR 1 CREDIT SPRING 2009
5275005 M 3:10-5:00

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

MUSIC

FUNDAMNTLS OF MUSIC MUSIC 101 2 CR.
PREREQ: ABILITY TO READ ELEM MUSICAL NOTATION
7180005 A MWF 9:00-9:50
7180010 B MWF 3:10-4:00

INTRO MUSIC LISTENI MUSIC 102 3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
5406005 A MWF 9:00-9:50
5406010 B MWF 10:00-10:50
5406015 C ARRANGED
DELIVERY IS WWW

BASIC MUSICIANSHIP MUSIC 105 3 CR.
PREREQ: PERFORMING ARTS MAJOR CLASSIFICATION
2975005 TWR 3:10-4:00

WIND ENSEMBLE MUSIC 111 1 CR.
PREREQ: OPEN TO ALL STUDENTS BY AUDITION
EQUIPMENT USE FEE $10.00-$60.00
5408005 MWRF 12:10-1:00
MUSIC

CONCERT BAND MUSIC 112 1 CR.
PREREQ: OPEN TO ALL STUDENTS WHO PERFORMED ON A WIND OR PERCUSSION INSTRUMENT IN HS BAND OR ORCHESTRA
EQUIPMENT USE FEE $10.00-$60.00
5409005 TR 4:10-5:30

JAZZ ENSEMBLE MUSIC 113 1 CR.
PREREQ: OPEN TO ALL STUDENTS BY AUDITION
STUDENT MUST ENROLL IN ASSIGNED SECTION
EQUIPMENT USE FEE $10.00-$35.00
5410005 A TR 2:10-3:40
5410010 B MWF 4:10-5:00

PEP BAND MUSIC 114B 1 CR.
PREREQ: STUDENTS SELECTED BY AUDITION FROM CURRENT MEMBERS OF 114A
EQUIPMENT USE FEE $25.00-$125.00
4603005 T 6:00-7:00PM

SYMPHONIC BAND MUSIC 115 1 CR.
PREREQ: OPEN TO ALL STUDENTS BY AUDITION
EQUIPMENT USE FEE $10.00-$60.00
9610005 MWF 11:00-11:50

APPLIED MUSIC VOICE MUSIC 118A 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 118C 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC STRINGS MUSIC 118D 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON MUSIC 118E 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND MUSIC 118F 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 118G 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSS MUSIC 118I 1-2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS
MUSIC

APPL MUSIC HARPSICD  MUSIC 118K  1- 2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE  MUSIC 119A  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO  MUSIC 119B  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN  MUSIC 119C  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC STRINGS  MUSIC 119D  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON  MUSIC 119E  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND  MUSIC 119F  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS  MUSIC 119G  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSS  MUSIC 119I  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC HARPSICD  MUSIC 119K  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

INTR MUSIC LIT&STYL  MUSIC 120  3 CR.
PREREQ: 221
CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION
5430005  MWF 9:00-9:50

CLASS STUDY PIANO I  MUSIC 127  1 CR.
PREREQ: 101 OR AUDITION, & PERMISSN OF INSTR
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
MUSIC

CLASS STDY PIANO II   MUSIC 128      1 CR.
PREREQ: 127 OR AUDITION, & PERMISSN OF INSTR
COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
THE INSTRUCTOR.
INSTRUCTOR PERMITITION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5433005   A MW 10:00-10:50
5433010   B TR 10:00-10:50

VOCAL JAZZ ENSEMBLE   MUSIC 131      1 CR.
PREREQ: OPEN BY AUDITION AND PERMITITION OF
INSTRUCTR; CONCURRENT ENROLLMENT IN 141, 151 OR 161
543005     R 5:10-8:00PM

LYRICA WOMENS CHOIR   MUSIC 141      1 CR.
PREREQ: OPEN TO ALL FEMALE STUDENTS BY AUDITION
EQUIPMENT USE FEE $10.00-$30.00
5437005   MWF 2:10-3:00

CANTAMUS WMS CHOIR MUSIC 151A     1 CR.
PREREQ: OPEN TO ALL STUDENTS BY AUDITION
EQUIPMENT USE FEE $10.00-$30.00
4461005   MWF 11:00-11:50

STATESMEN MNS CHOIR   MUSIC 151B     1 CR.
PREREQ: OPEN TO ALL STUDENTS BY AUDITION
EQUIPMENT USE FEE $10.00-$30.00
4471005   MWF 1:10-2:00

IOWA STATE SINGERS    MUSIC 161      1 CR.
PREREQ: OPEN TO ALL STUDENTS BY AUDITION
EQUIPMENT USE FEE $10.00-$30.00
5441005   MWF 12:10-1:00

SYMPHONY ORCHESTRA    MUSIC 181      1 CR.
PREREQ: OPEN TO ALL STUDENTS BY AUDITION
EQUIPMENT USE FEE $10.00-$30.00
5443005   TR 4:10-6:00PM

APPLIED MUSIC VOICE   MUSIC 219A  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO   MUSIC 219B  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN   MUSIC 219C  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS   MUSIC 219D  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS
MUSIC

APPL MUSIC CARILLON  MUSIC 219E  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND  MUSIC 219F  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS  MUSIC 219G  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS  MUSIC 219I  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

CLASS STU PIANO III  MUSIC 227      1 CR.
PREREQ: 128 OR AUDITION & PERMISSION OF INSTR
COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
THE INSTRUCTOR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5455005   A TR 9:00-9:50

CLASS STDY PIANO IV  MUSIC 228      1 CR.
PREREQ: 227 OR AUDITION & PERMISSION OF INSTR
COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
THE INSTRUCTOR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5456005   A TR 11:00-11:50
5456010   B MW 11:00-11:50

MATERLS OF MUSIC I  MUSIC 231      3 CR.
PREREQ: 221
4382005   A MWF 2:10-3:00
4382010   B MWF 10:00-10:50

AURAL THEORY I  MUSIC 232      1 CR.
PREREQ: 222
4395005   A TR 2:10-3:00
 T 3:10-4:00
4395010   B TR 10:00-10:50
 T 9:00-9:50

INTRO MUSIC TECHNOL  MUSIC 246      2 CR.
PREREQ: 101, 105, OR 221, OR INSTRUCTOR PERMISSN
5578005   TR 9:00-9:50

MUSIC

MU INSTRUCT TECHNOL  MUSIC 248      2 CR.
PREREQ: 221 AND 222
COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
4158005 A TR 10:00-10:50

MUSIC IN ELEM EDUC MUSIC 265 3 CR.
PREREQ: HD FS 226 OR PSYCH 230
7209005 A TR 2:10-3:25

SPCL PROB EDUCATION MUSIC 290A VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
PROFESSIONAL SUPPORT FEE $250.00-$550.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 290H VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

OPERA STUDIO MUSIC 301 1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
5467005 TR 2:10-3:30

ADV MUSIC LISTENING MUSIC 302 3 CR.
PREREQ: MUSIC 102
CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5407005 MWF 3:10-4:00
MUSIC

HIST OF ROCK'N'ROLL  MUSIC 304  3 CR.
PREREQ: 101, 102, 221, OR 222
8118005  MWF 2:10-3:00

APPLIED MUSIC VOICE  MUSIC 318A  1- 2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO  MUSIC 318B  1- 2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN  MUSIC 318C  1- 2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC STRINGS  MUSIC 318D  1- 2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON  MUSIC 318E  1- 2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND  MUSIC 318F  1- 2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS  MUSIC 318G  1- 2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSS  MUSIC 318I  1- 2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC HARPSCD  MUSIC 318K  1- 2 CR.
PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE  MUSIC 319A  1- 3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISSION, MUSIC MAJOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO  MUSIC 319B  1- 3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISSION, MUSIC MAJOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN  MUSIC 319C  1- 3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISSION, MUSIC MAJOR
APPLIED MUSIC FEE $150.00-$190.00
*******  SEE DEPT FOR REFERENCE NUMBERS
MUSIC

APPLIED MUSIC STRINGS   MUSIC 319D  1- 3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON   MUSIC 319E  1- 3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND   MUSIC 319F  1- 3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS   MUSIC 319G  1- 3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSS   MUSIC 319I  1- 3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC HARPSCD   MUSIC 319K  1- 3 CR.
PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE    MUSIC 321A     1 CR.
PREREQ: ADVANCED PROFICIENCY AND PERFORMING
ABILITY, PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO    MUSIC 321B     1 CR.
PREREQ: ADVANCED PROFICIENCY AND PERFORMING
ABILITY, PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN    MUSIC 321C     1 CR.
PREREQ: ADVANCED PROFICIENCY AND PERFORMING
ABILITY, PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE STRINGS   MUSIC 321D     1 CR.
PREREQ: ADVANCED PROFICIENCY AND PERFORMING
ABILITY, PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE WOODWINDS   MUSIC 321F     1 CR.
PREREQ: ADVANCED PROFICIENCY AND PERFORMING
ABILITY, PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS   MUSIC 321G     1 CR.
PREREQ: ADVANCED PROFICIENCY AND PERFORMING
ABILITY, PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS
MUSIC

ADV ENSEMBLE PERCUSSION   MUSIC 321I     1 CR.
PREREQ: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED   MUSIC 321J     1 CR.
PREREQ: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

FRN & GER DICT-SING   MUSIC 325      2 CR.
PREREQ: CR OR ENROLLMENT IN 118A OR 119A
5496005     MWF 1:10-2:00

FUNC PIANO FOR VOCAL   MUSIC 327B     2 CR.
PREREQ: 228 OR AUDITION AND PERMISSION OF INSTR
2636005     TR 3:10-4:00, ARRANGED

MUSIC MATERIALS III   MUSIC 337      3 CR.
PREREQ: 331
4414005     A MWF 8:00-8:50
4414010     B MWF 9:00-9:50

AURAL THEORY III   MUSIC 338      1 CR.
PREREQ: 332
4415005     A TR 8:00-8:50
4415010     B TR 9:00-9:50

MIDI&DIG AUDIO TECHNQ   MUSIC 346      3 CR.
PREREQ: 246 OR PERMISSION OF INSTRUCTOR
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8436005     MW 3:10-5:00

WDWND:FLT,SAX,CLAR   MUSIC 351      2 CR.
PREREQ: CONCURRENT ENROLLMENT IN 358B. LIMITED TO MUSIC MAJORS.
5500005     MWF 2:10-3:00

BRASS:TRUMPET,FR HORN   MUSIC 353      1 CR.
PREREQ: CONCURRENT ENROLLMENT IN 358B
5502005     TR 11:00-11:50

PERCUSSION TECH   MUSIC 355      1 CR.
PREREQ: CONCURRENT ENROLLMENT IN 358B. LIMITED TO MUSIC MAJORS.
5504005     TR 11:00-11:50

LAB ENSEMBLE CHORAL   MUSIC 358A     R CR.
7331005     W 4:10-5:45

LAB ENSEMBLE INSTRUMENTAL   MUSIC 358B     R CR.
satisfactory-fail only.
equipment use fee $0.00-$25.00
7330005     T 12:10-1:00

CONDUCTING II CHORAL   MUSIC 362A     2 CR.
PREREQ: CONCURRENT ENROLLMENT IN 358A AND 141, 151, OR 161
1236005     TR 4:10-5:00

MUSIC

CONDUCTING II INSTRUMENTAL   MUSIC 362B     2 CR.
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>358B</td>
<td>MCH BND&amp;JZ ENS TECH</td>
<td>2 CR.</td>
<td>MWF 9:00-9:50</td>
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<tr>
<td>362B</td>
<td>HISTORY OF MUSIC II</td>
<td>3 CR.</td>
<td>MW 3:10-4:00</td>
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<td>383</td>
<td>LIT &amp; PEDAG VOICE</td>
<td>1-4 CR.</td>
<td>MWF 10:00-10:50</td>
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<td>384</td>
<td>LIT &amp; PEDAG PIANO</td>
<td>1-4 CR.</td>
<td>MWF 10:00-10:50</td>
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<td>385</td>
<td>LIT &amp; PEDAG ORGAN</td>
<td>1-4 CR.</td>
<td>MWF 10:00-10:50</td>
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<td>386</td>
<td>LIT &amp; PEDAG STRINGS</td>
<td>1-4 CR.</td>
<td>MWF 10:00-10:50</td>
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<td>387</td>
<td>LIT &amp; PEDAG WOODWIND</td>
<td>1-4 CR.</td>
<td>MWF 10:00-10:50</td>
</tr>
<tr>
<td>388</td>
<td>LIT &amp; PEDAG PERCUSSN</td>
<td>1-4 CR.</td>
<td>MWF 10:00-10:50</td>
</tr>
<tr>
<td>390</td>
<td>STUDENT TCH SEC MUS</td>
<td>VAR. CR.</td>
<td></td>
</tr>
<tr>
<td>417K</td>
<td>STUDENT TCH ELEM MUS</td>
<td>VAR. CR.</td>
<td></td>
</tr>
</tbody>
</table>

MUSIC

APPLIED MUSIC VOICE   MUSIC 419A  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO   MUSIC 419B  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN   MUSIC 419C  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC STRINGS   MUSIC 419D  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON   MUSIC 419E  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND   MUSIC 419F  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS   MUSIC 419G  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PERCUSS   MUSIC 419I  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC HARPSCICD   MUSIC 419K  1- 3 CR.
PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
APPLIED MUSIC FEE $150.00-$190.00
*******     SEE DEPT FOR REFERENCE NUMBERS

SEMINR MUSIC THEORY   MUSIC 440      3 CR.
PREREQ: 337, 338
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5523005     MWF 8:00-8:50

20TH CENTURY MUSIC    MUSIC 476      3 CR.
PREREQ: 383, 384
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3419005     MWF 3:10-4:00

INDEP STUDY EDUCATN   MUSIC 490A VAR.  CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
MUSIC, APPROVAL OF DEPARTMENT CHAIR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

MUSIC
INDEPENDENT STUDY THEORY  MUSIC 490B  VAR.  CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY COMPOSITION  MUSIC 490C  VAR.  CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HISTORY  MUSIC 490D  VAR.  CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LITERATURE  MUSIC 490E  VAR.  CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY APPLIED MUSIC  MUSIC 490F  VAR.  CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CONDUCTING  MUSIC 490G  VAR.  CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS  MUSIC 490H  VAR.  CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ELECTRONIC MUSIC  MUSIC 490I  VAR.  CR.
PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THEORY  MUSIC 590B  VAR.  CR.
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
MUSIC

SPCL TOPCS COMposit  MUSIC 590C VAR.  CR.
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT  MUSIC 590E VAR.  CR.
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC  MUSIC 590F VAR.  CR.
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

NREM TRNSTN LRN CMM  NREM  111X  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MEMBER OF THE NREM TRANSITIONS LEARNING COMMUNITY
8032005  1 T 12:10-1:00
8032010  2 R 12:10-1:00

DEV LEARNRS&LEADERS  NREM  114X  2 CR.
PREREQ: 112
8116005  ARRANGED

INTR RENEW RESOURCES  NREM  120  3 CR.
1297005  MWF 12:10-1:00

NAT RESOURCES &AGRI  NREM  130  3 CR.
1055005  MWF 9:00-9:50

NAT RESOURC CAREERS  NREM  211  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SOPHOMORE CLASSIFICATION
4467005  R 2:10-3:00

INTERNSHIP  NREM  303  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR, SOPH STANDING
NO MORE THAN 6 CREDITS OF NREM 303 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR  NREM  305  1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
1058005  1 ARRANGED

INTERPR NAT RESOURC  NREM  330  3 CR.
PREREQ: 6 CREDITS IN BIOLOGICAL SCIENCES
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE $25.00
1070005  TR 2:10-3:00
1070006  R 3:10-5:00
NATURAL RESOURCE ECOLOGY AND MGMT

NAT RESOURCE POLICY  NREM  385  3 CR.
  PREREQ: JUNIOR CLASSIFICATION
  8335005      MWF 10:00-10:50

WATERSHED MANAGEMENT  NREM  407  4 CR.
  PREREQ: A COURSE IN GENERAL BIOLOGY
  MATERIALS AND FIELD TRIPS & TRAVEL FEE $30.00
  3727005      A TR 9:30-10:50
               T 3:10-6:00PM

GIS&GPS NAT RESOURCE  NREM  446  3 CR.
  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  JUNGST S
  3032010  2 TR 8:00-8:50  JUNGST S
  3032015  3 TR 8:00-8:50  R 12:10-3:00
  3032020  4 TR 8:00-8:50  W 10:00-1:00
  T 12:10-3:00

CONTRV NAT RSRC MGT  NREM  460  3 CR.
  PREREQ: 120, AND A ECL 312 OR NREM 301, AND JUNIOR CLASSIFICATION
  AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  7598005      TR 3:10-4:30

LANDSCP ECO& NR MGT  NREM  472  3 CR.
  PREREQ: NREM 301 OR A ECL 312 OR EQUIVALENT AND NREM 345 OR C R P 451 OR EQUIVALENT
  6167005      TR 12:30-2:00

IND STDY ANIMAL ECO  NREM  490A  1- 4 CR.
  PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
  " " SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY  NREM  490B  1- 4 CR.
  PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
  " " SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  NREM  490H  1- 4 CR.
  PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN MEMBERSHIP IN UNIVERSITY HONORS PROGRAM NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
  " " SEE DEPT FOR REFERENCE NUMBERS

DOMESTIC TRAVEL  NREM  496B  1- 3 CR.
  PREREQ: PERMISSION OF INSTRUCTOR
  FIELD TRIPS & TRAVEL FEE $0.00-$20.00
  2597005      ARRANGED
               INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
**NATURAL RESOURCE ECOLOGY AND MGMT**

**COOPERATIVE EDUC**  
NREM 498  1- 3 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: PERMISSION OF DEPARTMENT CHAIR  
PERMISSION OF DEPARTMENT CHAIR REQUIRED;  
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL  
7593005  ARRANGED

**SEMINAR**  
NREM 505  1 CR.  
PREREQ: INSTR PERMISSION OR GRAD CLASSIFICATION  
1083005  1 ARRANGED

**WATERSHED MANAGEMENT**  
NREM 507  4 CR.  
PREREQ: A COURSE IN GENERAL BIOLOGY  
MATERIALS AND FIELD TRIPS & TRAVEL FEE $30.00  
3857005  A TR 9:30-10:50  
T 3:10-6:00PM

**PUBLSH BIOL SCI JRNL**  
NREM 529  2 CR.  
PREREQ: PERMISSION OF INSTRUCTOR; EVIDENCE OF A  
PUBLISHABLE UNIT OF THE STUDENT'S RESEARCH DATA  
3398005  TR 3:10-4:00

**INTRO DNA TECHNIQS**  
NREM 542A  1 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: GRADUATE CLASSIFICATION  
3744005  TR 1:10-2:00  
TR 2:10-4:00  
JAN 13-FEB 5

**INTR PROTEIN TECHNQ**  
NREM 542B  1 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: GRADUATE CLASSIFICATION  
3806005  TR 1:10-2:00  
TR 2:10-4:00  
FEB 10-MARCH 19

**INTRO CELL TECHNIQS**  
NREM 542C  1 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: GRADUATE CLASSIFICATION  
3777005  TR 1:10-2:00  
TR 2:10-4:00  
MARCH 24-APRIL 23

**INTR PLNT TRNSFM TQ**  
NREM 542D  1 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: GRADUATE CLASSIFICATION  
3796005  ARRANGED

**INTEGRATING GIS&GPS**  
NREM 546  3 CR.  
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  
JUNGST S

**ADV DECSN RES ALLOC**  
NREM 570  3 CR.
PREREQ: 451 OR TWO COURSES IN ECONOMICS
3757005     ARRANGED

LANDSCP ECO& NR MGT   NREM  572      3 CR.
PREREQ: NREM 301 OR A ECL 312 OR EQUIVALENT
AND NREM 345 OR C R P 451 OR EQUIVALENT
6173005 TR 12:30-2:00
ARRANGED

PRESENTING SCI RESULT   NREM  581      2 CR.
PREREQ: PERMISSION OF INSTRUCTOR
1423005 A F 1:10-3:00

NAT RESOURCE POLICY   NREM  585      3 CR.
PREREQ: 12 CR OF BIOLOGICAL SCIENCES
8336005 MWF 10:00-10:50

SPL TOPCS ANIML ECO   NREM  590A  1- 4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY   NREM  590B  1- 4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

DOMESTIC TRAVEL       NREM  596B  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
FIELD TRIPS & TRAVEL FEE $0.00-$20.00
2606005 ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

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

RESEARCH              NREM  699   1-12 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

NAVAL SCIENCE

SEAPOWR&MARITME AFF   N S   212      3 CR.
7303005 A TR 8:00-9:20

NAVIGATION            N S   230      3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
5708005 A TR 9:30-10:50

NAVAL SHIP SYSTM II   N S   330      3 CR.
PREREQ: PHYS 221, SOPHOMORE CLASSIFICATION.
REQUESTS TO WAIVE THIS PREREQUISITE MUST BE APPROVED BY NAVAL SCIENCE DEPARTMENT.
5707005 A MWF 9:00-9:50

LEADERSHIP & ETHICS   N S   412      3 CR.
PREREQ: FOR NROTC STUDENTS ONLY - 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. REQUESTS TO WAIVE THIS PREREQ MUST BE APPROVED BY NAVAL SCIENCE DEPARTMENT.
COURSE RESTRICTED TO SENIOR MIDSHIPMEN
5560005 A MWF 10:00-10:50
NAVAL SCIENCE

INDEPENDENT STUDY    NS 490  1-3 CR.
PREREQ: SENIOR CLASSIFICATION AND PRIOR APPROVAL
OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL SCIENCE
NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED
TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******    SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

ADV NEUROSCI TECHNQ    NEURO 557  2 CR.
PREREQ: 556
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8552005    ARRANGED

CURRNT TOP NEUROBIO    NEURO 661  2-3 CR.
PREREQ: INSTRUCTOR PERMISSION
8553005    ARRANGED

NEUROSCI JOURNAL CLB    NEURO 690  1 CR.
PREREQ: 556
8554005    ARRANGED

NEUROSCIENCE SEMINIR    NEURO 696  1 CR.
PREREQ: 556
8555005    ARRANGED

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

NUTRITIONAL SCIENCES

NUTRITION:VITAMINS&MIN    NUTRS 502  3 CR.
PREREQ: BBMB 404 OR BBMB 420, AND CREDIT OR
ENROLLMENT IN BBMB 405
8368005    TR 3:30-4:50

BIOLOGICAL ADIPOSE TISSUE    NUTRS 503X  2 CR.
PREREQ: UNDERGRADUATES: CONSENT OF INSTRUCTOR;
GRADUATES: NUTRS 501
8780005    1 MW 8:00-8:50

NON-RUMIN DIGESTIVE    NUTRS 518  3 CR.
PREREQ: AN S 419 OR NUTRS 501
8541005    1 MWF 12:10-1:00

INTRO DNA TECHNIQS    NUTRS 542A  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
8628005    TR 1:10-2:00

INTR PROTEIN TECHNIQS    NUTRS 542B  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
8644005    TR 1:10-2:00
TR 2:10-4:00  
FEB 10-MARCH 19

NUTRITIONAL SCIENCES

INTRO CELL TECHNIQS  NUTRS 542C  1 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: GRADUATE CLASSIFICATION  
8633005  TR 1:10-2:00  
TR 2:10-4:00  
MARCH 24-APRIL 23

INTR PLNT TRNSFM TQ  NUTRS 542D  1 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: GRADUATE CLASSIFICATION  
8642005  ARRANGED

MED NUTR1&DISEAS II  NUTRS 564  3- 4 CR.  
PREREQ: FS HN 360, FS HN 461, OR NUTRS 561; 3 CREDITS IN PHYSIOLOGY AT 300 LEVEL OR ABOVE  
8567005  A TR 3:40-5:00  
SEC A OFFERED FOR 3 CREDITS SPRING 2009.  
8567010  B TR 3:40-5:00  
R 9:30-10:20  
SEC B OFFERED FOR 4 CREDITS SPRING 2009.

RESRCH NUTRITNL SCI  NUTRS 699  VAR. CR.  
SATISFACTORY-FAIL ONLY.  
*******  SEE DEPT FOR REFERENCE NUMBERS

OPERATIONS AND SUPPLY CHAIN MGMT

PROD/OPERATIONS MGT  OSCM  320  3 CR.  
PREREQ: STAT 226  
SEC A1 RESTRICTED TO ACCT, BUS S, BUS U, FIN, I BUS, MGMT, MIS, MKT, OSCM, LSCM MAJORS ONLY.  
SEC A2 FOR COLLEGES OTHER THAN BUSINESS.  
PERMISSION OF COLLEGE REQUIRED TO ADD DURING  
1ST WEEK; GO TO 1200 GERDIN  
5279005  A1 TR 3:40-5:00  
CURRENT ENROLLMENT OR PRIOR CREDIT IN FIN 301 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370, MKT 340 AND LSCM 360.  
5279010  A2 TR 3:40-5:00

MFG PLANNING&CONTRL  OSCM  422  3 CR.  
PREREQ: 320  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
PERMISSION OF COLLEGE REQUIRED TO ADD DURING  
1ST WEEK; GO TO 1200 GERDIN  
6818005  A1 TR 8:00-9:20  
SEC A1 RESTRICTED TO OSCM MAJORS ONLY.  
6818010  A2 TR 8:00-9:20  
SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, I BUS, FIN, MGMT, MIS, MKT, LSCM MAJORS ONLY.  

PROCSS MGT,AN&IMPRV  OSCM  424  3 CR.  
PREREQ: 320  
COURSE RESTRICTED TO ACCT, BUS S, BUS U, FIN, I BUS, MGMT, MIS, MKT, OSCM, LSCM MAJORS ONLY.  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
PERMISSION OF COLLEGE REQUIRED TO ADD DURING  
1ST WEEK; GO TO 1200 GERDIN  
5287005  A MW 3:40-5:00
OPERATIONS AND SUPPLY CHAIN MGMT

SUPPLY CHAIN INFO SY  OSCM 440  3 CR.
PREREQ: MIS 330, OSCM 320, LSCM 360
COURSE RESTRICTED TO COLLEGE OF BUSINESS MAJORS ONLY.
6887005  A TR 12:40-2:00

DEMAND PLANNING&MGT  OSCM 485  3 CR.
PREREQ: LSCM 360, OSCM 320
COURSE RESTRICTED TO BUSINESS MAJORS ONLY.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
1069005  A TR 11:00-12:20

PRIN PRCHS&SPLY MGT  OSCM 486  3 CR.
PREREQ: LSCM 360, OSCM 320
COURSE RESTRICTED TO ACCT, BUS S, BUS U, FIN, I BUS, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1067005  A MWF 11:00-11:50

STRGTGC SPLY CHN MGT  OSCM 487  3 CR.
PREREQ: OSCM 422 OR OSCM 424 OR LSCM 460; OSCM/LSCM 485 OR OSCM/LSCM 486
COURSE RESTRICTED TO LSCM, OSCM SENIORS ONLY.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
1089005  A TR 9:30-10:50
1089010  B TR 11:00-12:20

INDEPENDENT STUDY  OSCM 490  1- 3 CR.
PREREQ: OSCM 320, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

ORGANIZATION FOR TROPICAL STUDIES

ECO TROPICAL BIOLGY  OTS 510  8 CR.
7535005 ARRANGED

TOPICS TROPICL BIOL  OTS 515  1- 8 CR.
7544005 ARRANGED

PERFORMING ARTS

ISSUES PERFORM ARTS  PERF 105  R CR.
SATISFACTORY-FAIL ONLY.
3673005  R 4:10-5:30 COX J

PERFORM ARTS INTERN  PERF 310  R CR.
SATISFACTORY-FAIL ONLY.
3677005 ARRANGED TRENBERTH J

PERFMR ARTS SEMINAR  PERF 401  2 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3706005 ARRANGED COX J
PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CR.
5824005 A MWF 9:00-9:50
5824010 B TR 9:30-10:50
5824015 C TR 2:10-3:30
5824020 D TR 3:40-5:00
5824025 E TR 2:10-3:30
5824030 F MWF 10:00-10:50
5824035 G MWF 11:00-11:50
5824040 J MWF 11:00-11:50

INTR LOGIC&SCI REAS PHIL 206 3 CR.
5825005 A MWF 12:10-1:00
5825010 B MWF 2:10-3:00

INTR SYMBOLIC LOGIC PHIL 207 3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5826005 MWF 3:10-4:00

MORAL THEOR&PRACTICE PHIL 230 3 CR.
5827005 A TR 2:10-3:30
5827010 B TR 2:10-3:30
5827015 C MWF 1:10-2:00
5827020 D MWF 3:10-4:00
5827025 E MWF 11:00-11:50
5827030 F MWF 9:00-9:50
5827035 G MWF 10:00-10:50
5827040 J TR 12:40-2:00
5827045 K TR 12:40-2:00
5827050 M TR 11:00-12:30
5827055 N TR 11:00-12:30
5827060 P MWF 2:10-3:00
5827065 Q MWF 2:10-3:00

ETH ISS DIVERSE SOC PHIL 235 3 CR.
MEETS U.S. DIVERSITY REQMT.
4962005 TR 9:30-10:50

18TH CEN PHILOSOPHY PHIL 315 3 CR.
PREREQ: 201
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9626005 TR 11:00-12:30

20TH C ANGLO-AM PHI PHIL 318 3 CR.
PREREQ: 201
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1825005 MWF 1:10-2:00

PHILOSOPHY OF LAW PHIL 332 3 CR.
PREREQ: 201 OR 230
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5836005 MWF 11:00-11:50

BIOETHICS&BIOTECHNL PHIL 336 3 CR.
PREREQ: 201 OR 230 OR 235
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3142005 MWF 2:10-3:00
PHILOSOPHY

PHIL OF TECHNOLOGY PHIL 343 3 CR.
PREREQ: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341 AND 3 CREDITS OF SOCIAL SCIENCE AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7343005 A TR 11:00-12:20
7343010 B MWF 12:10-1:00

METAPHYSICS: MINDS&M PHIL 364 3 CR.
PREREQ: 3 CREDITS IN PHILOSOPHY AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8110005 MWF 12:10-1:00

PHIL SOCIAL & BEH SCI PHIL 381 3 CR.
PREREQ: 201 OR 6 CR IN SOCIAL SCIENCES AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
8410005 TR 12:40-1:55

VALUE THEORY PHIL 430 3 CR.
PREREQ: 230 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5842005 T 6:00-8:30PM

PHILOSOPHY OF BIOLOGY PHIL 483 3 CR.
PREREQ: 3 CREDITS IN PHILOSOPHY OR BIOLOGY AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3054005 TR 2:10-3:30

PHILOSOPHY OF PHYSICS PHIL 485 3 CR.
PREREQ: 3 CREDITS IN PHILOSOPHY OR PHYSICS AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8048005 MW 4:10-5:25

INDEPENDENT STUDY PHIL 490 1-4 CR.
PREREQ: 6 CREDITS IN PHIL, PERMISSION OF INSTR, APPROVAL OF CHAIR NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS PHIL 490H 1-4 CR.
PREREQ: 6 CREDITS IN PHIL, PERMISSION OF INSTR, APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVEY PHIL 492 R CR.
SATISFACTORY-FAIL ONLY.
3891005 ARRANGED

CONTEMP POLITC PHIL PHIL 535 3 CR.
PREREQ: 6 CREDITS OF PHIL OR POLITICAL SCIENCE
5637005 W 3:10-5:00

SPCL TOPC HISTORY P PHIL 590A 2-4 CR.
PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5850005 ARRANGED

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PHYSICS

GENERAL PHYSICS       PHYS 111       4 CR.
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5857046  11 TR 10:00-10:50
         WF 10:00-10:50
5857047  12 TR 10:00-10:50
         WF 12:10-1:00
5857048  13 TR 10:00-10:50
         WF 1:10-2:00
5857049  14 TR 10:00-10:50
         WF 2:10-3:00
5857050  15 TR 10:00-10:50
         WF 3:10-4:00
5857051  16 TR 10:00-10:50
         WF 10:00-10:50
5857052  17 TR 10:00-10:50
         WF 12:10-1:00
         WF 4:10-5:00
5857054  A W 8:00-9:50
5857055  B M 10:00-11:50
5857060  C M 12:10-2:00
5857065  D M 2:10-4:00
5857070  E M 4:10-6:00PM
5857075  F T 8:00-9:50
5857080  G T 10:00-11:50
5857085  H T 12:10-2:00
5857090  J T 2:10-4:00
5857095  K T 4:10-6:00PM
5857100  L W 10:00-11:50
5857084  M W 12:10-2:00
5857105  N W 2:10-4:00
5857110  P W 4:10-6:00PM
5857115  Q R 8:00-9:50
5857120  R R 10:00-11:50
5857125  T R 12:10-2:00
5857130  U R 2:10-4:00
5857135  V R 4:10-6:00PM

GENERAL PHYSICS       PHYS 112       4 CR.
PREREQ: 111
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
5858010    2 MWF 12:10-1:00
            R 10:00-10:50
5858015    3 MWF 12:10-1:00
            R 11:00-11:50
5858020    4 MWF 12:10-1:00
            R 12:10-1:00
5858025    5 MWF 12:10-1:00
            R 1:10-2:00
5858030    6 MWF 12:10-1:00
            R 2:10-3:00
5858035    7 MWF 12:10-1:00
            R 3:10-4:00
5858038    8 MWF 12:10-1:00
            R 4:10-5:00
5858039    9 MWF 12:10-1:00
            R 9:00-9:50
5858042  A T 8:00-9:50
5858045  B T 10:00-11:50
5858050  C T 12:10-2:00
5858055  D T 2:10-4:00
5858060  E T 4:10-6:00PM
## General Physics

**PHYS 112**

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## Introduction to Classical Physics I

**PHYS 221**

Night examinations scheduled.

**Prerequisites:** Credit or enrollment in Math 166

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 student enrolled in Fall 08 in 221 must register for for lab sec lw.

### Section 1

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**Section 13 Restricted to Physics Majors Only**

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**PHYSICS**

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**PHYS 221**  
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<td>TR 4:10-5:00</td>
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SEC LW ONLY FOR STUDENTS ENROLLED FALL 2008.
AFTER FINAL GRADES ARE RECORDED, STUDENTS ENROLLED IN PHYSICS

INTR CLASSC PHYS I   PHYS 221   5 CR.
SECTION LW WILL BE CONTACTED BY THE PHYSICS DEPARTMENT REGARDING PLACEMENT IN A LAB OR A LAB WAIVER.

HONORS-CLASSIC PH I   PHYS 221H   5 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: CR OR ENROLLMENT IN MATH 166, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
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.

<table>
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<td>5862010</td>
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<td>5862015</td>
<td>3</td>
<td>MWF 10:00-10:50</td>
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INTR CLASSC PHYS II   PHYS 222   5 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 221, MATH 166
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 2008 IN PHYS 222 MUST REGISTER FOR LAB SECTION LW.

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PHYSICS

INTR CLASSC PHY II  PHYS 222  5 CR.

5863100  18 MWF 2:10-3:00
          T 3:10-4:00
          SEC 18 RESTRICTED TO PHYSICS MAJORS ONLY
5863105  19 MWF 2:10-3:00
          T 4:10-5:00
5863115  21 MWF 3:10-4:00
          T 8:00-8:50
5863120  22 MWF 3:10-4:00
          T 9:00-9:50
5863125  23 MWF 3:10-4:00
          T 10:00-10:50
5863130  24 MWF 3:10-4:00
          T 11:00-11:50
5863135  25 MWF 3:10-4:00
          T 12:10-1:00
5863140  26 MWF 3:10-4:00
          T 1:10-2:00
5863145  27 MWF 3:10-4:00
          T 2:10-3:00
5863150  28 MWF 3:10-4:00
          T 3:10-4:00
5863155  29 MWF 3:10-4:00
          T 4:10-5:00
5863200  A R 8:00-9:50
5863205  B W 2:10-4:00
5863215  C R 10:00-11:50
5863220  D T 10:00-11:50
5863225  E R 12:10-2:00
5863230  F R 12:10-2:00
5863235  G F 10:00-11:50
5863240  J T 2:10-4:00
5863245  K W 2:10-4:00
5863250  L T 8:00-9:50PM
5863255  M F 2:10-4:00
5863260  N R 8:00-9:50
5863265  P W 10:00-11:50
5863270  Q R 10:00-11:50
5863275  R F 12:10-2:00
5863280  T T 4:10-6:00PM
5863285  U W 4:10-6:00PM
5863290  V R 2:10-4:00
          SEC V RESTRICTED TO PHYSICS MAJORS ONLY
5863295  W R 4:10-6:00PM
5863300  X T 12:10-2:00
5863305  Y F 2:10-4:00
5863310  Z W 12:10-2:00
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5863330  DD W 4:10-6:00PM
5863335  EE W 12:10-2:00
5863340  FF R 4:10-6:00PM
5863345  LW ARRANGED
          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.

PHYSICS

HONORS-CLASS PHY II  PHYS 222H  5 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 221, MATH 166, MEMBERSHIP IN UNIVERSITY
HONORS PROGRAM
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.

INDEPENDENT STUDY PHYS 290 1-4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

CHALNG CONTEMP PHYS PHYS 302 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION

PHYS OF WAVE MOTION PHYS 306 3 CR.
PREREQ: 222, CREDIT OR ENROLLMENT IN MATH 267

INTERMEDIATE LAB PHYS 311 1-2 CR.
PREREQ: 322
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

INTERMEDIATE LAB PHYS 311T 3 CR.
PREREQ: 112 OR 222

INTR MODERN PHYS II PHYS 322 3 CR.
PREREQ: 321

INTR MOD PHY LAB II PHYS 322L 1 CR.
PREREQ: CR OR ENROLLMENT IN 322

INTERMED MECHANICS PHYS 362 3 CR.
PREREQ: 361
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

ELECT& MAGNETISM II PHYS 365 3 CR.
PREREQ: 364
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

SEMINAR PHYS 389 R CR.
SATISFACTORY-FAIL ONLY.

3647005  F 9:00-9:50
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<tr>
<td>SEM SEC SCHOOL PHYS</td>
<td>PHYS</td>
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<td>1 PREREQ: PERMISSION OF INSTRUCTOR</td>
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<td>MOLCLR&amp;CELL BIOPHYS</td>
<td>PHYS</td>
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<td>UNDERGRAD RESEARCH</td>
<td>PHYS</td>
<td>1-6</td>
<td>1 PREREQ: PERMISSION OF INSTRUCTOR</td>
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<td>APPLIED PHYSICS LAB</td>
<td>PHYS</td>
<td>2-5</td>
<td>1 PREREQ: 322 AND PERMISSION OF INSTRUCTOR</td>
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<td>QUANTUM MECHANCS II</td>
<td>PHYS</td>
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<td>INDEPENDENT STUDY</td>
<td>PHYS</td>
<td>1-4</td>
<td>1 PREREQ: 6 CREDITS IN PHYS, PERMISN OF INSTRUCTOR</td>
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<td>PHYS</td>
<td>1-4</td>
<td>1 PREREQ: 6 CREDITS IN PHYS, PERMISN OF INSTRUCTOR</td>
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<td>PHYS</td>
<td>3</td>
<td>1 PREREQ: CREDIT OR ENROLLMENT IN 322 AND 365</td>
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<td>CONDENSED MATTER I</td>
<td>PHYS</td>
<td>3</td>
<td>1 PREREQ: 304, CREDIT OR ENROLLMENT IN 481</td>
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<td>PARTICLE&amp;NUCLR PHYS</td>
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<td>MOLCLR&amp;CELL BIOPHYS</td>
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SYMMETRY & GROUP THRY  PHYS  534      3 CR.  
PREREQ: CREDIT OR ENROLLMENT IN 481  
5098005     ARRANGED

PHYS SEMICOND DEVIC  PHYS  536      3 CR.  
PREREQ: E E 535  
5904005     MW 5:40-7:00PM

COMPUTATIONAL PHYS  PHYS  551      2 CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: 365, CREDIT OR ENROLLMENT IN 481  
7651005     ARRANGED

ADV ELECT & MAGNET II  PHYS  572      3 CR.  
PREREQ: 571  
5909005     MWF 11:00-11:50

SPCL TOPICS NUCLEAR  PHYS  590A VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
5910005     ARRANGED

SPL TOP COND MATTER  PHYS  590B VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
5911005     ARRANGED

SPL TOP HIGH ENERGY  PHYS  590C VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
5912005     ARRANGED

SPCL TOPICS PHYSICS  PHYS  590D VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
5913005     ARRANGED

SPL TOPCS APPL PHYS  PHYS  590E VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
5914005     ARRANGED

QUANTUM PHYSICS II  PHYS  592      4 CR.  
PREREQ: 591  
5916005     MWF 9:30-10:50

CREATIVE COMPONENT  PHYS  599 VAR.  CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
******     SEE DEPT FOR REFERENCE NUMBERS

QUANT THRY C MATTER  PHYS  611      3 CR.  
PREREQ: 512, 681  
5918005     TR 9:30-10:50

PH STRONG INTERACTN  PHYS  625      3 CR.  
PREREQ: 681  
3150005     ARRANGED

ELEM PARTICLE PH II  PHYS  638      3 CR.  
PREREQ: 637  
5922005     ARRANGED

ADV SEMINAR NUCLEAR  PHYS  650A      1 CR.  
SATISFACTORY-FAIL ONLY.  
5923005     W 4:10-5:00
PHYSICS

ADV SEM COND MATTER PHYS 650B 1 CR.
SATISFACTORY-FAIL ONLY.
5924005  R 4:10-5:00

ADV SEM HIGH ENERGY PHYS 650C 1 CR.
SATISFACTORY-FAIL ONLY.
5925005  W 4:10-5:00

ADV SEMINAR PHYSICS PHYS 650D 1 CR.
SATISFACTORY-FAIL ONLY.
5926005  ARRANGED

ADV SEMINAR APPLIED PHYS 650E 1 CR.
SATISFACTORY-FAIL ONLY.
5927005  ARRANGED

ADV TOPICS NUCLEAR PHYS 660A 1- 3 CR.
5928005  ARRANGED

ADV TOP COND MATTER PHYS 660B 1- 3 CR.
5929005  ARRANGED

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CR.
5930005  ARRANGED

ADV TOPICS PHYSICS PHYS 660D 1- 3 CR.
5931005  ARRANGED

ADV TOPICS APPLIED PHYS 660E 1- 3 CR.
5932005  ARRANGED

QUANTUM FLD THRY II PHYS 682 3 CR.
PREREQ: 681
5936005  ARRANGED

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

PLANT PATHOLOGY

PRIN OF PLANT PATH PL P 408 3 CR.
PREREQ: 8 CREDITS IN BIOL SCIENCES, INCLUDING
BIOL 212/202
MATERIALS AND EQUIPMENT USE FEE $25.00
3898005  1 MW 11:00-11:50
3898010  2 MW 11:00-11:50
5942005  1 TR 11:00-12:20
5943005  1 TR 11:00-12:20

FOREST INSCT&DIS EC PL P 416 4 CR.
PREREQ: 8 CR IN BIOLOGICL SCI, INCLUDING BIOL 211
FIELD TRIPS & TRAVEL FEE $10.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5942005  1 TR 11:00-12:20
T 12:10-3:00

MGT DIS&PEST TGRASS PL P 452 3 CR.
PREREQ: HORT 351
5312005  1 TR 11:00-12:20

PLANT PATHOLOGY
INDEPENDENT STUDY PLANT PATHOLOGY
PL P 490A 1- 3 CR.
PREREQ: JR OR SR CLASSIFICATION, 7 CREDITS IN BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR
NO MORE THAN 6 CREDITS OF PL P 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
3152005 ARRANGED

HONORS INDEPENDENT STUDY
PL P 490H 1- 3 CR.
PREREQ: JR OR SR CLASSIFICATION, 7 CR IN BIOLOGICAL SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM
NO MORE THAN 6 CREDITS OF PL P 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. RESTRICTED TO UNIV. HONORS STUDENTS.
3155005 ARRANGED

PLANT-PATH INTERACT PL P 506 2 CR.
PREREQ: 408 OR 416, BIOL 313
9645005 TR 9:00-9:50

PRINCIPLES OF PLANT PATHOLOGY
PL P 508 3 CR.
PREREQ: 8 CREDITS IN BIOLOGICAL SCI INCLUDING BIOL 212/202
MATERIALS AND EQUIPMENT USE FEE $25.00
3902005 1 MW 11:00-11:50
W 12:10-3:00
3902010 2 MW 11:00-11:50
W 3:10-6:00PM

INTEGRATED MANAGEMENT TROPICAL CROPS
PL P 511 3 CR.
PREREQ: 408 OR 416 OR ENT 370 OR 376 OR HORT 221
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4465005 ARRANGED

MGT DISEASE AND PEST CONTROL IN GRASS PROFESSIONS
PL P 552 3 CR.
PREREQ: HORT 351
5950005 1 TR 11:00-12:20

PROFESSIONAL PRACTICE RESEARCH
PL P 565A .5 CR.
PREREQ: GRADUATE CLASSIFICATION
7866005 1 T 12:10-1:00
7866010 2 ARRANGED

PROFESSIONAL INTELLECTUAL PROPERTY
PL P 565B .5 CR.
PREREQ: GRADUATE CLASSIFICATION
7874005 ARRANGED

SPECIAL TOPICS
PL P 590 1- 3 CR.
PREREQ: 10 CR IN BIOLOGICAL SCIENCES, INSTR PERMISSION
5953005 ARRANGED

COLLOQUIUM IN PLANT PATHOLOGY
PL P 694 2 CR.
PREREQ: 408 OR 416; PERMISSION OF INSTRUCTOR
5958005 ARRANGED

SEMINAR
PL P 698 1 CR.
SATISFACTORY-FAIL ONLY.
5959005 T 3:40-5:00
SPRING 2009     Last Updated 10-03-2008

PLANT PATHOLOGY

THESIS & DIS RESEARCH   PL P 699 VAR. CR.
5960005     ARRANGED

PLANT PHYSIOLOGY

PLANT GROWTH & DEVELOP   P PHY 512     2 CR.
PREREQ: BIOL 330 OR COURSE IN DEVELOPMENTAL
BIOLOGY; GDCB 545 OR BBMB 404, 405 OR GDCB 520
6800005     MW 10:00-10:50

RES SEMNRM PLT PHYSL   P PHY 696P     1 CR.
SATISFACTORY-FAIL ONLY.
3750005     W 4:10-5:00

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

POLITICAL SCIENCE

ORIENTATN POLIT SCI   POL S 101     1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: POL S AND OPEN OPTION MAJORS ONLY OR
PERMISSION OF INSTRUCTOR
COURSE RESTRICTED TO POL S MAJORS ONLY
3912005     TR 11:00-11:50
JAN 12-MARCH 6

INTR AMERIC GOVERNMT   POL S 215     3 CR.
5961005   A MWF 11:00-11:50        SCHMIDT S
5961010   B TR 9:30-10:50          CONGER K
5961015   C TR 2:10-3:30           HUTTER J

INTR CMPAR GOVT & POL   POL S 241     3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
5963005   A MWF 10:00-10:50        CUNNINGHAM K
5963010   B TR 12:40-2:00          TURCU A

INTRO INTERNATL POL   POL S 251     3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
5964005   A MWF 9:00-9:50          MANSBACH R
5964010   B MWF 1:10-2:00          PIRRO E

INTR EMPIRICL RSRCH   POL S 301     4 CR.
PREREQ: 3 CREDITS IN POL S; 1 STAT CRSE REQUIRED
5965005   A MW 10:00-11:50         URBATSCH R

STATE & LOCAL GOVT   POL S 310     3 CR.
PREREQ: 3 CR IN POL S
5968005   A MWF 2:10-3:00          POTOSKI M
SECT A RESTRICTED TO POL S MAJORS ONLY
5968010   B MWF 2:10-3:00          POTOSKI M
SECT B FOR MAJORS OTHER THAN POL S.

LAW AND POLITICS   POL S 319     3 CR.
PREREQ: SOPHOMORE STANDING; 215 RECOMMENDED
CREDIT FOR EITHER POL S 319 OR POL S 230, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
3865005   A MWF 1:10-2:00          DEAM D
SECT A RESTRICTED TO POL S MAJORS ONLY.
POLITICAL SCIENCE

AMER JUDICIAL PROC  POL S 320  3 CR.  
PREREQ: 215  
5970005  A TR 2:10-3:30  WAGGONER K  
SEC A RESTRICTED TO POL S MAJORS ONLY.  
5970010  B TR 2:10-3:30  WAGGONER K  
SEC B FOR MAJORS OTHER THAN POL S.

PUBLIC POLICY  POL S 344  3 CR.  
9243005  A MWF 11:00-11:50  POTOSKI M  
SEC A RESTRICTED TO POL S MAJORS ONLY.  
9243010  B MWF 11:00-11:50  POTOSKI M  
SEC B FOR MAJORS OTHER THAN POL S.

EUROPEAN POLITICS  POL S 346  3 CR.  
5976005  A MWF 3:10-4:00  PIRRO E  
SEC A RESTRICTED TO POL S MAJORS ONLY.  
5976010  B MWF 3:10-4:00  PIRRO E  
SEC B FOR MAJORS OTHER THAN POL S.

POLIT OF MIDDLE EAST  POL S 350  3 CR.  
MEETS INTERNATIONAL PERSPECTIVES REQMT.  
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.  
7229005  A R 6:00-9:00PM  TURCU A  
SEC A RESTRICTED TO POL S MAJORS ONLY.  
7229010  B R 6:00-9:00PM  TURCU A  
SEC B FOR MAJORS OTHER THAN POL S.

THEOR INTL POLITICS  POL S 356  3 CR.  
7231005  A MWF 1:10-2:00  MANSBACH R  
SEC A RESTRICTED TO POL S MAJORS ONLY.  
7231010  B MWF 1:10-2:00  MANSBACH R  
SEC B FOR MAJORS OTHER THAN POL S.

INT'L SECURITY PLCY  POL S 357  3 CR.  
9647005  A MWF 2:10-3:00  CUNNINGHAM K  
SEC A RESTRICTED TO POL S MAJORS ONLY.  
9647010  B MWF 2:10-3:00  CUNNINGHAM K  
SEC B FOR MAJORS OTHER THAN POL S.

ISSUES FOREIGN PLCY  POL S 359  3 CR.  
PREREQ: 215, 251, OR 358  
1006005  A TR 2:10-3:30  PIRRO E  
SEC A RESTRICTED TO POL S MAJORS ONLY.  
1006010  B TR 2:10-3:30  PIRRO E  
SEC B FOR MAJORS OTHER THAN POL S.

AMER INSTI:CONGRESS  POL S 360  3 CR.  
PREREQ: 215  
5980005  A TR 11:00-12:20  PIRRO E  
SEC A RESTRICTED TO POL S MAJORS ONLY.  
5980010  B TR 11:00-12:20  PIRRO E  
SEC B FOR MAJORS OTHER THAN POL S.

INT'L POLIT ECONOMY  POL S 381  3 CR.  
1000005  A MWF 12:10-1:00  URBATSCH R  
SEC A RESTRICTED TO POL S MAJORS.  
1000010  B MWF 12:10-1:00  URBATSCH R  
SEC B FOR MAJORS OTHER THAN POL S.

ADV WRITING POL SCI  POL S 395  R CR.  
SATISFACTORY-FAIL ONLY.  
PREREQ: MAJOR IN POLITICAL SCIENCE  
******  SEE DEPT FOR REFERENCE NUMBERS
POLITICAL SCIENCE

PUB OPINION & VOT BHV  POL S 406  3 CR.
PREREQ: 6 CR IN POL S OR JUNIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
9242005  TR 11:00-12:20  HUTTER J

CONSTITUTIONAL FREEDMS  POL S 421  3 CR.
PREREQ: 320 OR 420
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5989005  MWF 11:00-11:50  DEAM D

INT’L ORGANIZATIONS  POL S 453  3 CR.
PREREQ: 251
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6001005  A MWF 11:00-11:50

POL PARTY & INTRST GR  POL S 464  3 CR.
PREREQ: 215; JUNIOR CLASSIFICATION
6003005  TR 9:30-10:50

MGMT PUBLIC SECTOR  POL S 475  3 CR.
PREREQ: 371
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6005005  R 6:00-9:00PM

ADMINISTRATIVE LAW  POL S 476  3 CR.
PREREQ: 215; JUNIOR CLASSIFICATION
COURSE MEETS JAN 17, FEB 7, FEB 21, MARCH 7
AND MARCH 28.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6006005  S 8:00-5:00

COMP & INTL PUBLC ADM  POL S 485  3 CR.
7248005  R 6:10-9:00PM  BIRSKYTE L

SCI, TECH & PUBLC PLCY  POL S 486  3 CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE;
JUNIOR OR SENIOR CLASSIFICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1964005  R 6:10-9:00PM  DEAM D

IND STUDY AMER GOVT  POL S 490A VAR. CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

IND STDY THRY & METHD  POL S 490B VAR. CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLICATION TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

IND STDY COMPAR POL  POL S 490C VAR. CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA  POL S 490D VAR. CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STDY EXT CREDIT  POL S 490E  1-2 CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR  POL S 490G VAR. CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  POL S 490H VAR. CR.
PREREQ: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG
NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS      POL S 491    3 CR.
PREREQ: 21 CREDITS OF POL S, SENIOR STATUS AND
PERMISSION OF INSTRUCTOR.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN  POL S 498    R CR.
PREREQ: PERMISSION OF DEPARTMENT COOP EDUCATION
COORDINATOR; SENIOR CLASSIFICATION
4568005     ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
POLITICAL SCIENCE

POL SCI INTERNSHIP POL S 499 VAR. CR.
SATISFACTORY–FAIL ONLY.
PREREQ: 6 CREDITS IN POL S; JUNIOR OR SENIOR
CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR
USE OF POL S 499 IN POL S MAJOR AND MINOR DEGREE
REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY
SECTION OF CATALOG FOR DETAILS.
****** SEE DEPT FOR REFERENCE NUMBERS

PROSEMN INT'L POLIT POL S 504 3 CR.
PREREQ: 6 CREDITS IN POL S OR GRADUATE STANDING
7218005 T 6:00-9:00PM CUNNINGHAM D

PROSEM AMERIC POLIT POL S 506 3 CR.
PREREQ: 6 CREDITS IN POL S OR GRADUATE STANDING
7192005 R 6:00-9:00PM CONGER K

INFO ASSUR LEGAL&ET POL S 534 3 CR.
PREREQ: GRADUATE CLASSIFICATION, CFR E/INFAS 531
7329005 A M 6:10-9:00PM
7329600 XL ARRANGED
SECT XE:JAN 12-MAY 8
DELIVERY FEE $190.00 PER CREDIT HOUR. COURSE FOR
DISTANCE STUDENTS ONLY. ALL OTHERS PLEASE CONTACT
EDE AT 515-294-7470 OR BNELSON@IASTATE.EDU FOR
PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING
7329605 XL ARRANGED
SECT XL:JAN 12-MAY 8
DELIVERY FEE $225.00.
SECTION XL IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

CONTEMP POLITC PHIL POL S 535 3 CR.
PREREQ: 6 CREDITS OF PHIL OR POL S
3790005 W 3:10-5:00

PUB BUDGT&FINAN MGT POL S 572 3 CR.
6034005 T 6:00-9:00PM BIRSKYTE L
6034600 XE ARRANGED BIRSKYTE L
SECT XE:JAN 12-MAY 8
DELIVERY FEE $225.00.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

PUB PERSONNEL ADMIN POL S 573 3 CR.
6035005 W 6:00-9:00PM WINTERS R
6035600 XE ARRANGED WINTERS R
SECT XE:JAN 12-MAY 8
DELIVERY FEE $225.00.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

MGMT PUBLIC SECTOR POL S 575 3 CR.
PREREQ: 6 CREDITS IN POLITICAL SCIENCE
6037005 R 6:00-9:00PM
6037600 XE ARRANGED
SECT XE:JAN 12-MAY 8
DELIVERY FEE $150.00.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

POLITICAL SCIENCE
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
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<tr>
<td><strong>ADMINISTRATIVE LAW</strong></td>
<td>3 CR.</td>
<td>PREREQ: GRADUATE CLASSIFICATION</td>
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<tr>
<td>POL S 576</td>
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<td>COURSE MEETS JAN 17, FEB 7, FEB 21, MARCH 7 AND MARCH 28.</td>
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<tr>
<td>6038005</td>
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<td>S 8:00-5:00</td>
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<tr>
<td><strong>COMP&amp;INTL PUBLC ADM</strong></td>
<td>3 CR.</td>
<td>PREREQ: 6 HOURS OF POL S OR INSTRUCTOR PERMISSION</td>
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<tr>
<td>POL S 585</td>
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<td>7245005 R 6:10-9:00PM BIRSKYTE L</td>
</tr>
<tr>
<td><strong>SCI,TECHNL&amp;PUB POLC</strong></td>
<td>3 CR.</td>
<td>PREREQ: 6 CREDITS IN POLITICAL SCIENCE</td>
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<tr>
<td>POL S 586</td>
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<td>6815005 R 6:10-9:00PM DEAM D</td>
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<tr>
<td><strong>SPL TOP US P INSTIT</strong></td>
<td>2-5 CR.</td>
<td>PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMISSION</td>
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<tr>
<td>POL S 590A</td>
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<td>INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL</td>
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<tr>
<td><strong>SPL TOPC PUBLIC LAW</strong></td>
<td>2-5 CR.</td>
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<td>POL S 590B</td>
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<td>INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL</td>
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<td><strong>SP TOP POLIT THEORY</strong></td>
<td>2-5 CR.</td>
<td>PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMISSION</td>
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<td>POL S 590C</td>
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<td>INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL</td>
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<td><strong>SPL TOP COMPAR GOVT</strong></td>
<td>2-5 CR.</td>
<td>PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMISSION</td>
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<td>POL S 590D</td>
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<td><strong>SPL TOP INT'L RELAT</strong></td>
<td>2-5 CR.</td>
<td>PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMISSION</td>
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<td>POL S 590E</td>
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<td>INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL</td>
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<td><strong>SPL TOP POL PARTIES</strong></td>
<td>2-5 CR.</td>
<td>PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMISSION</td>
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<td>POL S 590F</td>
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<td>INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL</td>
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<tr>
<td><strong>SPL TOP PUB POL&amp;ADM</strong></td>
<td>2-5 CR.</td>
<td>PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMISSION</td>
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<tr>
<td>POL S 590G</td>
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<td><strong>SEE DEPT FOR REFERENCE NUMBERS</strong></td>
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<tr>
<td><strong>SPCL TOP INTERNSHIP</strong></td>
<td>2-5 CR.</td>
<td>PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMISSION</td>
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<td>POL S 590I</td>
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<td>INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL</td>
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<td><strong>NOTE</strong>:</td>
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POLITICAL SCIENCE

SPL TOP TEACHG PREP POL S 590T 2-5 CR.
PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISSION INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 6050005 ARRANGED

PUBLIC ADMIN INTERN POL S 598 3-6 CR.
PREREQ: 15 CREDITS IN POL S, INSTRUCTR PERMISSION 4540013 CT ARRANGED

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

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

PORTUGUESE

ACCEL ELE PORTUG II PORT 112 3 CR.
PREREQ: 111. NOT OPEN TO STUDENTS WHO HAVE COMPLETED PORT 102.
ENROLLMENT NOT OPEN TO STUDENTS WHO HAVE COMPLETED PORT 102.
MATERIALS AND EQUIPMENT USE FEE $25.00 MEETS INTERNATIONAL PERSPECTIVES REQMT.
8028005 1 MWF 9:00-9:50

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CR.
NIGHT EXAMINATIONS SCHEDULED.
6069005 A TR 9:30-10:50 CROSS S
6069010 B TR 11:00-12:20 CROSS S

LAB INTRODUC PSYCH PSYCH 102 1 CR.
PREREQ: CR OR ENROLLMENT IN 101 COURSE RESTRICTED TO PSYCH MAJORS ONLY 4786005 A T 1:10-2:50
4786010 B W 8:00-9:40

ORIENTATN TO PSYCH PSYCH 111 .5 CR.
SATISFACTORY-FAIL ONLY.
6068005 W 3:10-4:00 DATES TO BE ANN

ACAD LEARNNG SKILLS PSYCH 131 1 CR.
SATISFACTORY-FAIL ONLY.
6071005 A MW 9:00-10:50 SECT A:JAN 12-MARCH 6
6071010 B MW 10:00-11:50 SECT B:JAN 12-MARCH 6
6071015 C TR 11:00-12:50 SECT C:JAN 12-MARCH 6
6071020 D MW 12:10-1:00
6071025 E MW 1:10-2:00
6071030 F MW 2:10-3:00
6071035 G TR 9:00-9:50
<table>
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<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Schedule</th>
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<tr>
<td>6071040</td>
<td>TR 10:00-10:50</td>
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<td>6071050</td>
<td>TR 12:10-2:00</td>
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<td>6071055</td>
<td>L MW 2:10-4:00</td>
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<td>6071060</td>
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<td>A TR 12:40-2:00</td>
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<td>6072010</td>
<td>B TR 2:10-3:30</td>
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<td>6075005</td>
<td>A MWF 11:00-11:50</td>
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<td>6075010</td>
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<td>6076005</td>
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<td>B MWF 2:10-3:00</td>
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<td>1173005</td>
<td>A1 TR 3:40-5:00</td>
<td>MORRIS A</td>
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<td>1173010</td>
<td>B TR 12:10-2:00</td>
<td>BONETT R</td>
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<td>1173015</td>
<td>C MW 12:10-2:00</td>
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<td>1515005</td>
<td>A1 TR 3:40-5:00</td>
<td>MORRIS A</td>
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<td>1515010</td>
<td>A2 TR 3:40-5:00</td>
<td>MORRIS A</td>
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<td>6080005</td>
<td>A1 MWF 10:00-10:50</td>
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<td>6080010</td>
<td>A2 MWF 10:00-10:50</td>
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<tr>
<td>PSYCHOLOGY</td>
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**ACAD LEARNNG SKILLS PSYCH 131 1 CR.**
- Required is obtained from the Academic Success Center.
- Department permission required; process approved add slip in 10 Alumni Hall.

**DEVELOPMENTAL PSYCH PSYCH 230 3 CR.**
- Night examinations scheduled.

**SOCIAL PSYCHOLOGY PSYCH 280 3 CR.**
- Night examinations scheduled.

**RES DSGN & METHODOL PSYCH 301 3 CR.**
- Prereq: STAT 101; 1 course in psychology.
- Course restricted to Psych majors. Psych minors are eligible to add this course, but must get an add slip in W022 Lagomarcino Hall.

**RESRCH METHODS PSYC PSYCH 302 3 CR.**
- Prereq: 301.
- Course restricted to Psych majors only.

**BRAIN & BEHAVIOR PSYCH 310 3 CR.**
- Prereq: 101; BIOL 101, 155, or 211.

**LEARNING & MEMORY PSYCH 313 3 CR.**
- Prereq: 101.

**MOTIVATION PSYCH 314 3 CR.**
PREREQ: 101
6081005  A1 MWF 9:00-9:50          MAIER J
SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
6081010  A2 MWF 9:00-9:50          MAIER J
SEC A2 FOR MAJORS OTHER THAN PSYCH
PSYCHOLOGY

DRUGS & BEHAVIOR PSYCH 315 3 CR.
PREREQ: 101; BIOL 155 OR 211
6082005 A1 MWF 3:10-4:00
SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
6082010 A2 MWF 3:10-4:00
SEC A2 FOR MAJORS OTHER THAN PSYCH

COGNITIVE PROCESSES PSYCH 316 3 CR.
PREREQ: 101
6083005 A1 MWF 11:00-11:50 CHAN C
SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
6083010 A2 MWF 11:00-11:50 CHAN C
SEC A2 FOR MAJORS OTHER THAN PSYCH

THINKING&DECISION MAK PSYCH 318X 3 CR.
PREREQ: 101; STAT 101 OR MATH 104 OR EQUIVALENT
3758005 A1 MWF 9:00-9:50 WEBER B
SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
3758010 A2 MWF 9:00-9:50 WEBER B
SEC A2 FOR MAJORS OTHER THAN PSYCH

CLIENT COMMUNICATIONS PSYCH 331X 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 1ST YEAR VETERINARY STUDENT OR ABOVE;
JUNIOR OR SENIOR WITH APPROVAL FROM COURSE INSTRUCTOR
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8764005 ARRANGED

EDUCATIONAL PSYCHOL PSYCH 333 3 CR.
PREREQ: C I 201, PSYCH 230 OR HD FS 102, MAJOR IN
PSYCHOLOGY OR APPLICATION TO THE TEACHER ED PROGRAM
COURSE RESTRICTED TO PSYCH, SEC ED MAJORS
4361005 T 6:10-9:00PM

PSYCHOLOGY OF WOMEN PSYCH 346 3 CR.
PREREQ: TWO COURSES IN PSYCH INCLUDING 101
MEETS U.S. DIVERSITY REQMT.
6085005 A1 TR 12:40-2:00 SCHEEL K
SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
6085010 A2 TR 12:40-2:00 SCHEEL K
SEC A2 FOR MAJORS OTHER THAN PSYCH

U.S. LATINO/A PSYCH PSYCH 347X 3 CR.
PREREQ: TWO COURSES IN PSYCHOLOGY INCLUDING 101
8404005 A1 TR 2:10-3:30
SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
8404010 A2 TR 2:10-3:30
SEC A2 FOR MAJORS OTHER THAN PSYCH.

PSYCHOL OF RELIGION PSYCH 348 3 CR.
PREREQ: NINE CREDITS IN PSYCHOLOGY
7034005 A1 TR 9:30-10:45
SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
7034010 A2 TR 9:30-10:45
SEC A2 FOR MAJORS OTHER THAN PSYCH.

HUMAN FACTOR IN TEC PSYCH 350X 3 CR.
PREREQ: 101, JUNIOR CLASSIFICATION
7494005 A1 TR 2:10-3:30
SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
7494010 A2 TR 2:10-3:30
SEC A2 FOR MAJORS OTHER THAN PSYCH
NORMAL PERSONALITY    PSYCH 360      3 CR.
PREREQ: 101
6087005  A1 MWF 1:10-2:00        KRIZAN Z
       SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
6087010  A2 MWF 1:10-2:00        KRIZAN Z
       SEC A2 FOR MAJORS OTHER THAN PSYCH

HISTORY OF PSYCHOLG   PSYCH 401      3 CR.
PREREQ: 4 COURSES IN PSYCH
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6089005  A1 TR 3:40-5:00       SCHEEL K
       SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
6089010  A2 TR 3:40-5:00       SCHEEL K
       SEC A2 FOR MAJORS OTHER THAN PSYCH.

EVOLUTIONARY PSYCH    PSYCH 411      3 CR.
PREREQ: JUNIOR CLASSIFICATION; 3 COURSES IN PSYCH; BIOL 211
6924005  A1 M 6:10-8:30PM       COOPER E
       SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
6924010  A2 M 6:10-8:30PM       COOPER E
       SEC A2 FOR MAJORS OTHER THAN PSYCH.

PSYCH MEASUREMENT I   PSYCH 440      3 CR.
PREREQ: 301 AND 9 CR IN PSYCH, STAT 101
COURSE RESTRICTED TO PSYCH MAJORS ONLY
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6099005  A M 12:10-2:00         ARMSTRONG P
       F 8:00-9:50
6099010  B M 12:10-2:00         ARMSTRONG P
       W 12:10-2:00
6099015  C M 12:10-2:00         ARMSTRONG P
       F 12:10-2:00
6099020  D M 12:10-2:00         ARMSTRONG P
       W 8:00-9:50

INDUSTRIAL PSYCHOLOGY   PSYCH 450      3 CR.
PREREQ: 2 COURSES IN PSYCH INCLUDING 101, STAT 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6100005  A1 T 6:10-8:30PM       HANISCH K
       SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
6100010  A2 T 6:10-8:30PM       HANISCH K
       SEC A2 FOR MAJORS OTHER THAN PSYCH.

ABNORMAL PSYCHOLOGY    PSYCH 460      3 CR.
PREREQ: 3 COURSES IN PSYCH INCLUDING 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6102005  A1 TR 3:40-5:00        KONAR A
       SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
6102010  A2 TR 3:40-5:00        KONAR A
       SEC A2 FOR MAJORS OTHER THAN PSYCH

INDEPENDENT STUDY      PSYCH 490    1- 3 CR.
PREREQ: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN
NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
APPLIED TOWARD A DEGREE IN PSYCHOLOGY
******    SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS    PSYCH 490H  1- 3 CR.
PREREQ: JR CLASSIFICATION, 6 CR IN PSYCH, INSTRUCTOR
PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
NO MORE THAN 9 CREDITS OF 490 MAY BE APPLIED
TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO
UNIVERSITY HONORS STUDENTS ONLY.
******    SEE DEPT FOR REFERENCE NUMBERS
PSYCHOLOGY

RESEARCH PRACTICUM   PSYCH 491   VAR.   CR.
PREREQ: JR CLASSIFICATION, INSTR PERMISSION, CREDIT OR ENROLLMENT IN 301
NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY
******* SEE DEPT FOR REFERENCE NUMBERS

FIELDWORK PRACTICUM   PSYCH 492   VAR.   CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JR CLASSIFICATION, 12 CR IN PSYCH, PERMISSION OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF PSYCH 492 MAY BE APPLIED TOWARD A DEGREE IN PSYCHOLOGY
******* SEE DEPT FOR REFERENCE NUMBERS

PSYCHOPHARMACOLOGY   PSYCH 517   3 CR.
PREREQ: 310, 315, OR EQUIVALENT AND PERMISSION OF INSTRUCTOR
6116005   TR 9:30-11:15   PHILLIPS W

COGNITIVE NEUROPSYCH   PSYCH 519   3 CR.
PREREQ: 310 AND 316 OR 313
4106005   M 5:30-8:00PM   MORRIS A

EDUC PSYCH LEARNING   PSYCH 533   3 CR.
PREREQ: C I 333 OR TEACHER LICENSURE
6118005   1 M 4:30-7:00PM

PSYCHOPTHL&BEH DEVI   PSYCH 561   3 CR.
PREREQ: 460
6129005   TR 11:00-12:20   SCOTT N

PERSONALITY ASESMNT   PSYCH 562   3 CR.
PREREQ: 360, 440, STAT 401, AND ADMISSION TO THE PhD PROGRAM IN COUNSELING PSYCHOLOGY
6130005   ARRANGED   KONAR A

RSRCH METHD SOC PSY   PSYCH 586   3 CR.
PREREQ: STAT 402 AND PERMISSION OF INSTRUCTOR
1942005   T 2:10-5:00   WELLS G

SPCL TOP COUNSELING   PSYCH 590A   VAR.   CR.
PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC COGNITIVE   PSYCH 590Q   VAR.   CR.
PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
******* SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS SOCIAL   PSYCH 590R   VAR.   CR.
PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
******* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GENERAL   PSYCH 5902   VAR.   CR.
PREREQ: 12 HOURS IN PSYCH, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COUNSELING   PSYCH 592A   1-   3 CR.
PREREQ: 12 HOURS IN PSYCHOLOGY; ADMISSION INTO THE DOCTORAL PROGRAM IN COUNSELING PSYCHOLOGY
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
7324005   T 9:00-11:50
PSYCHOLOGY

SEMINAR COGNITIVE  PSYCH 592Q  1- 3 CR.
PREREQ: 12 HOURS IN PSYCHOLOGY
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
7350005     R 4:10-6:40PM

INTERNSHIP IN PSYCH  PSYCH 597    R CR.
PREREQ: M.S. DEGREE CANDIDACY; PERMISSION OF INSTRUCTOR
7659005     ARRANGED

CREATIVE COMPONENT  PSYCH 599    VAR.  CR.
SATISFACTORY-FAIL ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS

VOCATIONAL BEHAVIOR  PSYCH 623   3 CR.
PREREQ: 3 COURSES IN PSYCH AND ADMISSION TO THE PH.D. PROGRAM IN COUNSELING PSYCHOLOGY
MATERIALS FEE $30.00
6152005     ARRANGED

TEACHING OF PSYCH  PSYCH 633   3 CR.
PREREQ: ENROLLMENT IN DOCTORAL DEGREE PROGRAM IN PSYCH, COMPLETION OF AT LEAST ONE YEAR OF GRAD STUDY, PERMISSION OF INSTRUCTOR
6156005     R 8:00-10:40

ADV PSY CLOSE RELAT  PSYCH 684X 3 CR.
PREREQ: 12 HRS IN SOCIAL SCI; GRAD CLASSIFICATION
7160005     ARRANGED

PRACTICUM COUNSELING  PSYCH 691A VAR.  CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

PRACT INTMD COUNSEL  PSYCH 691B VAR.  CR.
PREREQ: PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

PRACT GROUP COUNSEL  PSYCH 691E VAR.  CR.
PREREQ: 626, 691A, INSTRUCTOR PERMISSION
*******     SEE DEPT FOR REFERENCE NUMBERS

PRACT ADV COUNSELNG  PSYCH 691F VAR.  CR.
PREREQ: 691A, PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING  PSYCH 691T VAR.  CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 633, PERMISSION OF INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEMNR COGNITV  PSYCH 692Q  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
COURSE OFFERED FOR 1 CREDIT SPRING 2009.
7667005     W 12:10-1:00

RSRCH SEMNR SOCIAL  PSYCH 692R  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
COURSE OFFERED FOR 3 CREDITS SPRING 2009.
9085005     ARRANGED
PSYCHOLOGY

INTERN COUNSELING     PSYCH 697     R CR.
PREREQ: PH.D. CANDIDACY IN THE COUNSELING PSYCH
PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMSSN
6182005     ARRANGED

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

RELIGIOUS STUDIES

INTRO WRLD RELIGION   RELIG 205     3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6109005     A TR 11:00-12:20
6109010     B TR 12:40-2:00
6109015     C TR 9:30-10:50

RELIGION IN AMERICA   RELIG 210     3 CR.
MEETS U.S. DIVERSITY REQMT.
6188005     A MWF 11:00-11:50
6188010     B MWF 12:10-1:00
6188015     C TR 9:30-10:50
6188020     D TR 11:00-12:20
6188025     E MR 6:10-9:00PM
SECT E: MARCH 9–MAY 8

NEW TESTAMENT     RELIG 322     3 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6195005     MWF 3:10-4:00

AMER INDIAN RELIGNS   RELIG 328     3 CR.
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7207005     MWF 9:00-9:50

AFRI AMER RELIG EXP   RELIG 334     3 CR.
PREREQ: PRIOR COURSE WORK IN RELIG OR AF AM REQ'D
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8636005     TR 2:10-3:30

GODDESS RELIGIONS     RELIG 339     3 CR.
PREREQ: 205 RECOMMENDED
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5086005     MWF 1:10-2:00

MAGIC, WITCHC., & RELIG   RELIG 340     3 CR.
PREREQ: ANTHR 201 OR 306
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6198005     TR 9:30-10:50

R&U.S. LATINO/A LIT     RELIG 342     3 CR.
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5340005     M 4:10-6:30PM
PSYCHOL OF RELIGION  RELIG 348  3 CR.
PREREQ: NINE CREDITS IN PSYCHOLOGY
7036005  A1 TR 9:30-10:45
SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
7036010  A2 TR 9:30-10:45
SEC A2 FOR MAJORS OTHER THAN PSYCH.

INTRODUCTN TO ISLAM  RELIG 358  3 CR.
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3332005  TR 2:10-3:30

CHRISTIAN ROMAN EM  RELIG 367  3 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7364005  MWF 3:10-4:00

SOC DIMENS OF RELIG  RELIG 377  3 CR.
PREREQ: PRIOR COURSE WORK IN RELIG OR SOC REQ'D
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6202005  MWF 1:10-2:00

CATHOLIC SOC THOUGHT  RELIG 380X  3 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8831005  TR 11:00-12:20

SEM:ISS STUDY RELIG  RELIG 475  3 CR.
PREREQ: 6 CREDITS IN RELIGIOUS STUDIES
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6204005  W 3:10-6:00PM

INDEPENDENT STUDY  RELIG 490  1- 3 CR.
PREREQ: 6 CR IN RELIGIOUS STUDIES, PERMISSION
OF INSTRUCTOR, APPROVAL OF PROF IN CHARGE OF PROGRAM
NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
APPLIED TOWARD GRADUATION
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  RELIG 490H  1- 3 CR.
PREREQ: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR,
APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
UNIVERSITY HONORS STUDENTS ONLY.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

PEACE&JUSTIC INTERN  RELIG 499  1- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 3 CREDITS IN RELIGIOUS STUDIES,
PERMISSION OF FACULTY INTERNSHIP COORDINATOR
7740005  ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
RESEARCH & EVALUATION

EDUCATIONAL RESEARCH RESEV 550 3 CR.
PREREQ: GRADUATE CLASSIFICATION
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
6211005 1 M 5:30-8:20PM
6211010 2 R 2:10-5:00
6211600 XA WS 9:00-5:30  MARSHALL J
SECT XA: JAN 14-FEB 25
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY ANKENY

INTERNATIONAL STATIST RESEV 553 3 CR.
PREREQ: 552
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
MUST CONTACT DEPARTMENT AT 294-1241.
7684005 1 M 5:10-8:00PM
7684600 XA RF 9:00-5:00  STAROBIN S
SECT XA: MARCH 12-APRIL 17
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY AMES

QUALITATIVE RESEARCH RESEV 580 3 CR.
PREREQ: 550
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
4059005 1 T 5:30-8:20PM

SPECIAL TOPICS RESEV 590 1-3 CR.
PREREQ: GRADUATE STANDING
******* SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESSMENT & EVALUATION RESEV 597 3 CR.
PREREQ: 550
COURSE RESTRICTED TO COLLEGE OF HUMAN SCIENCES
GRADUATE STUDENTS.
6218005 1 T 5:30-8:20PM
6218010 2 M 5:30-8:30PM
6218600 XA RF 8:30-4:30  DRAKE S
SECT XA: MARCH 12-APRIL 10
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY AMES

CRITICAL INTERPRETATION RESEV 680 3 CR.
PREREQ: 580
4564005 W 5:10-8:00PM
4564600 XA RF 8:30-9:00PM  COOPER R
SECT XA: JAN 22-APRIL 3
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY AMES

RESEARCH & EVALUATION

ADVANCED SPECIAL TOPICS RESEV 690 1-3 CR.
RUSSIAN

ELEM RUSSIAN II       RUS 102     4 CR.
PREREQ: 101
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.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6226005   1 MTWR 11:00-11:50
6226010   2 MTWR 2:10-3:00

RUS STU ENGL TRANSL RUS 370R     3 CR.
TITLE: FROM GORBACHEV TO PUTIN: CONTEMPORARY CULTURE
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6782005   1 TR 12:40-2:00

ADV COMPOSI&CONVERS RUS 401     3 CR.
PREREQ: 314
MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6236005   1 MWF 1:10-2:00

SEMINR RUSSIAN STUD RUS 440     3 CR.
PREREQ: 314
MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3050005   1 TR 2:10-3:30

INDEPENDENT STUDY RUS 490   1-6 CR.
PREREQ: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR
NO MORE THAN 9 CREDITS IN RUS 490 MAY BE APPLIED TOWARD GRADUATION
PERMISSION OF DEPARTMENT CHAIR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN INTERNSHIP    RUS 499   1-3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL;
PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
NO MORE THAN 3 CREDITS IN RUS 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
SEED TECHNOLOGY AND BUSINESS

SEED QUAL, PRODU MGT STB 595 3 CR.
PREREQ: ADMISSION TO SEED TECHNOLOGY AND BUSINESS MASTER'S DEGREE PROGRAM OR APPROVAL OF THE INSTRUCTOR
3194600 XW ARRANGED CHRISTENSEN P
SECT XW: JAN 12-MAY 8
DELIVERY FEE $798.00. FOR PERMISSION TO REGISTER CONTACT PAUL CHRISTENSEN AT 515-294-8745 OR INTLCORN@IASTATE.EDU.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

SOCIOLOGY

SOCIOLOGY ORIENTATN SOC 115 R CR.
SATISFACTORY-FAIL ONLY.
6345005 A MW 9:00-9:50
SECT A: JAN 12-MARCH 6
RURAL INSTIT&ORGANZ SOC 130 3 CR.
CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
6319005 1 TR 8:00-9:20
INTRO TO SOCIOLOGY SOC 134 3 CR.
NIGHT EXAMINATIONS SCHEDULED.
CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
6346005 1 TR 10:00-10:50
W 11:00-11:50
6346010 2 TR 10:00-10:50
W 11:00-11:50
6346015 3 TR 10:00-10:50
W 12:10-1:00
6346020 4 TR 10:00-10:50
M 12:10-1:00
6346025 5 TR 10:00-10:50
R 11:00-11:50
6346030 6 TR 10:00-10:50
F 3:10-4:00
6346035 7 TR 10:00-10:50
F 9:00-9:50
6346040 8 TR 10:00-10:50
F 11:00-11:50
6346045 9 TR 10:00-10:50
R 3:40-4:30
6346600 XW ARRANGED KRIER D
SECT XW: JAN 12-MAY 8
DELIVERY FEE $150.00.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW
<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Credits</th>
<th>Time</th>
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<tbody>
<tr>
<td><em>Sociology</em></td>
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<tr>
<td>Intr. Research Method</td>
<td>202</td>
<td>3 CR.</td>
<td>M 4:10-5:00</td>
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<td>6346080</td>
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<td>16 MWF 10:00-10:50</td>
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<td>6346085</td>
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<td>17 MWF 11:00-11:50</td>
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<td>Intimate Relations</td>
<td>219</td>
<td>3 CR.</td>
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<td>6349005</td>
<td>A TR 9:30-10:50</td>
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<td>6349010</td>
<td>B TR 11:00-12:20</td>
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<tr>
<td>Social Problems</td>
<td>235</td>
<td>3 CR.</td>
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<td>6347005</td>
<td>A TR 9:30-10:50</td>
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<td>Advanced Research Methods</td>
<td>302</td>
<td>3 CR.</td>
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<td>6354005</td>
<td>A TR 9:30-10:50</td>
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<td>6354010</td>
<td>B TR 11:00-12:20</td>
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<td>Social Psychology: Social Perspectives</td>
<td>305</td>
<td>3 CR.</td>
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<td>6355005</td>
<td>A1 MWF 9:00-9:50</td>
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<td>6355010</td>
<td>A2 MWF 9:00-9:50</td>
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<td>Community</td>
<td>310</td>
<td>3 CR.</td>
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<td>6321005</td>
<td>A TR 2:10-3:30</td>
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<td>Transition in Agric</td>
<td>325</td>
<td>3 CR.</td>
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<td>6322005</td>
<td>TR 12:40-2:00</td>
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<td>Sex &amp; Gender in Socie</td>
<td>327</td>
<td>3 CR.</td>
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<td>6356005</td>
<td>A1 MWF 1:10-2:00</td>
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<td>6356010</td>
<td>A2 MWF 1:10-2:00</td>
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<td>Masculinity &amp; Manhood</td>
<td>328</td>
<td>3 CR.</td>
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<td>2242005</td>
<td>A1 TR 11:00-12:20</td>
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<td>2242010</td>
<td>A2 TR 11:00-12:20</td>
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<tr>
<td>Ethnic &amp; Race Relations</td>
<td>330</td>
<td>3 CR.</td>
<td></td>
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<tr>
<td></td>
<td>6352005</td>
<td>A1 MWF 10:00-10:50</td>
<td></td>
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</tbody>
</table>

**Prerequisites:**
- **Sociology:** 130 or 134, CR or enrollment in STAT 101
- **Intimate Relations:** 130 or 134
- **Social Problems:** 130 or 134
- **Advanced Research Methods:** 202; STAT 101; Sociology or PSA major
- **Social Psychology:** 130 or 134
- **Community:** 130 or 134
- **Sex & Gender in Socie:** 130 or 134
- **Masculinity & Manhood:** 130, 134, or WS 201
- **Ethnic & Race Relations:** 130 or 134
<table>
<thead>
<tr>
<th>Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
</tr>
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<tr>
<td>6352010</td>
<td>A2</td>
<td>MWF</td>
<td>10:00-10:50</td>
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<tr>
<td>6352015</td>
<td>B1</td>
<td>MWF</td>
<td>2:10-3:00</td>
</tr>
<tr>
<td>6352020</td>
<td>B2</td>
<td>MWF</td>
<td>2:10-3:00</td>
</tr>
</tbody>
</table>
SOCIETY

SOC CLASS & INEQUALITY SOC 331 3 CR.
PREREQ: 130 OR 134
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.
6357005 A1 T 4:10-7:00PM
6357010 A2 T 4:10-7:00PM
6357015 B1 TR 12:40-2:00
6357020 B2 TR 12:40-2:00

LATINO EXP IN U.S. SOC 332 3 CR.
PREREQ: 130 OR 134
MEETS U.S. DIVERSITY REQMT.
1669005 A MWF 11:00-11:50

DEViant & CRIM BEHAV SOC 340 3 CR.
PREREQ: 130 OR 134
6358005 A TR 12:40-2:00

CRIMINOLOGY SOC 341 3 CR.
PREREQ: 130 OR 134
4718005 A MWF 10:00-10:50

POLICE AND SOCIETY SOC 351 3 CR.
PREREQ: 241 OR CJ ST 240
7743005 T 5:10-8:00PM

SOC DIMENS OF RELIG SOC 377 3 CR.
PREREQ: PRIOR COURSE WORK IN RELIG OR SOC REQ'D
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6361005 MWF 1:10-2:00

SOCIOLOGY OF WORK SOC 380 3 CR.
PREREQ: 130 OR 134
SEC A1,B1 RESTRICTED TO SOC MAJORS.
SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN SOC.
SEC A3,B3 RESTRICTED TO PSA MAJORS.
6362005 A1 MW 2:10-3:30
6362010 A2 MW 2:10-3:30
6362015 A3 MW 2:10-3:30
6362020 B1 TR 3:40-5:00
6362025 B2 TR 3:40-5:00
6362035 B3 TR 3:40-5:00

ENVIRONMENTAL SOCIOLOGY SOC 382 3 CR.
PREREQ: 130, 134 OR 3 CREDITS OF ENV S
7713005 A1 TR 8:00-9:20
SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY
7713010 A2 TR 8:00-9:20
SEC A2 FOR MAJORS OTHER THAN SOC, P S A

CONTEM SOC THEORIES SOC 401 3 CR.
PREREQ: 9 CREDITS IN SOC
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6365005 A TR 2:10-3:30
6365010 B TR 11:00-12:20

WHITE-COLLAR CRIME SOC 402 3 CR.
PREREQ: 241 OR CJ ST 240
8478005 A MWF 11:00-11:50
SOC CHNGE DEV CNTRI   SOC   411      3 CR.
PREREQ: 130 OR 134 PLUS 3 CR IN SOC SCIENCES
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6323005   A MWF 2:10-3:00

CRIM & JUV JUST PRAC   SOC   460   3-12 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JR/SR CLASSIFICATN; PERMSSN OF THE CJ ST
COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST MINOR
NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE
(SOC 454 & 460) MAY BE APPLIED TOWARD GRADUATION.
NO CREDITS IN SOC 460 MAY BE USED TO SATISFY MINIMUM
SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
6370005   ARRANGED

SOC OF THE FAMILY   SOC   485   3 CR.
PREREQ: 6 CREDITS IN SOC
6375005   A TR 12:40-2:00

INDEP STUDY GEN SOC   SOC   490A   1-3 CR.
PREREQ: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION.
*******     SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC   SOC   490B   1-3 CR.
PREREQ: 6 CR IN SOC AND INSTRUCTOR PERMISSION
STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION.
*******     SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS   SOC   490H   1-3 CR.
PREREQ: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR,
MEMBERSHIP IN UNIV HONORS PROGRAM
STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION. COURSE
RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
*******     SEE DEPT FOR REFERENCE NUMBERS

CLASSICL SOC THEORY   SOC   506      3 CR.
PREREQ: 401 OR 505
4924005   A T 2:10-5:00

INTERMED RES METHDS   SOC   511      3 CR.
PREREQ: 302, STAT 401
6379005   A1 W 2:10-5:00
SEC A1 FOR SOC MAJORS ONLY
6379010  A2 W 2:10-5:00
SEC A2 FOR MAJORS OTHER THAN SOC
SOCIOLOGY

SOCIAL PSYCHOLOGY   SOC  520   3 CR.
PREREQ: 305 OR PSYCH 280
6383005   A R 5:10-8:00PM

CURR RSRCH FAMILY S   SOC  585   3 CR.
PREREQ: 6 CREDITS IN SOC
6404005   A M 6:10-9:00PM

SPCL TOPICS GEN SOC   SOC  590A  1- 3 CR.
PREREQ: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS RURAL SOC   SOC  590B  1- 3 CR.
PREREQ: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
*******     SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES GEN SOC   SOC  599A  1- 6 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL   SOC  599B  1- 6 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

CONTEMP SOC THEORY    SOC  607   3 CR.
PREREQ: 6 GRAD CREDITS IN SOC
6413005   A1 MW 3:40-5:00
SEC A1 FOR SOC MAJORS ONLY
6413010   A2 MW 3:40-5:00
SEC A2 FOR MAJORS OTHER THAN SOC

CONSTR&CAUSAL MODEL   SOC  613   3 CR.
PREREQ: 512 & STAT 404
6341005   A MW 9:00-10:20

RESEARCH GENERL SOC   SOC  699A  1- 8 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC    SOC  699B  1- 8 CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE ENGINEERING

SOFTWR ENGR CAREERS S E  166   R CR.
7290005      T 2:10-3:00

SFTWR ARCHITC&DSIGN S E  339   3 CR.
PREREQ: 319
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7259005      TR 12:40-2:00

SOFTWARE TESTING      S E   417   3 CR.
PREREQ: COM S 309, 319
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7221005      TR 12:40-2:00

SR DESIGN PROJECT I   S E   491   3 CR.
PREREQ: 329, COMPLETION OF 29 CREDITS IN THE S E
CORE PROFESSIONAL PROGRAM, ENGL 314
7366005      T 2:10-4:00, ARRANGED

SR DSIGN PROJECT II   S E   492   2 CR.
PREREQ: 491
SPANISH

ACCEL SPANISH REVIEW   SPAN  97   0 CR.
P REREQ: TWO YEARS BUT LESS THAN THREE YEARS OF 
HIGH-SCHOOL SPANISH
8246005   1 TR 11:00-12:20
8246010   2 TR 12:40-2:00

ELEM SPANISH I   SPAN  101   4 CR.
MATERIALS AND EQUIPMENT USE FEE $25.00
6473800   MX ARRANGED   GUTHRIE N
         SECT MX:JAN 26-APRIL 24
         SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER 
         PROGRAM' STUDY ABROAD EXPERIENCE.

ELEM SPANISH II   SPAN  102   4 CR.
P REREQ: 101, 97 OR PLACEMENT BY DEPARTMENTAL EXAM 
STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH 
SCHOOL SPAN MAY NOT ENROLL IN 102.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6474005   1 MTWR 9:00-9:50
6474010   2 MTWR 10:00-10:50
SECTION INFO: http://www.language.iastate.edu 
/span101hy/programa_spring_09_102h.pdf
6474015   3 MTWR 11:10-12:00
SECTION INFO: http://www.language.iastate.edu 
/span101hy/programa_spring_09_102h.pdf
SYLLABUS: http://www.language.iastate.edu/span101hy 
/programa_spring_09_102h.pdf
6474020   4 MTWR 2:10-3:00
6474800   MX ARRANGED   GUTHRIE N
         SECT MX:JAN 26-APRIL 24
         SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER 
         PROGRAM' STUDY ABROAD EXPERIENCE.

INTERMED SPANISH I   SPAN  201   4 CR.
P REREQ: 102 OR PLACEMENT BY DEPARTMENTAL EXAM 
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6477800   MX ARRANGED   GUTHRIE N
         SECT MX:JAN 26-APRIL 24
         SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER 
         PROGRAM' STUDY ABROAD EXPERIENCE.

INTERMED SPANISH II   SPAN  202   4 CR.
P REREQ: 201 OR PLACEMENT BY DEPARTMENTAL EXAM 
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6478005   1 TWR 9:00-9:50
M 9:00-9:50
6478010   2 TWR 10:00-10:50
M 10:00-10:50
6478015   3 TWR 11:00-11:50
M 11:00-11:50
6478020   4 TWR 1:10-2:00
M 1:10-2:00
6478025   5 MTWR 12:10-1:00
6478030   6 TWR 8:00-8:50
M 8:00-8:50
6478035   7 TWR 2:10-3:00
6478800   MX ARRANGED   GUTHRIE N
         SECT MX:JAN 26-APRIL 24
         SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER 
         PROGRAM' STUDY ABROAD EXPERIENCE.
SPANISH

GRAMMAR & COMPOSITION  SPAN 301  3 CR.
PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM.
SEC. 1A,2A,ETC RESERVED TO SPAN MAJORS ONLY.
SEC. 1B,2B,ETC FOR MAJORS OTHER THAN SPAN.
MATERIALS AND EQUIPMENT USE FEE $25.00.
6479000  MX ARRANGED               GUTHRIE N
SEC MX: JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER
PROGRAM' STUDY ABROAD EXPERIENCE.
6479005  1A TR 9:30-10:50
6479010  1B TR 9:30-10:50
6479015  2A TR 9:30-10:50
6479020  2B TR 9:30-10:50
6479025  3A MWF 10:00-10:50
6479030  3B MWF 10:00-10:50

CONVERS THRU CULTUR  SPAN 303A  3 CR.
PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM.
SEC. 1A,2A RESERVED TO SPAN MAJORS ONLY.
SEC. 1B,2B FOR MAJORS OTHER THAN SPAN.
MATERIALS AND EQUIPMENT USE FEE $25.00.
6142800  MX ARRANGED               GUTHRIE N
SEC MX: JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER
PROGRAM' STUDY ABROAD EXPERIENCE.
6142005  1A TR 9:30-10:50          DOMINGUEZ-CASTEL
6142010  1B TR 9:30-10:50          DOMINGUEZ-CASTEL
6142015  2A TR 2:10-3:30           DOMINGUEZ-CASTEL
6142020  2B TR 2:10-3:30           DOMINGUEZ-CASTEL

CONVERS FOR PROFESSIONAL  SPAN 303B  3 CR.
PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM.
SEC. 1A,2A RESERVED TO SPAN MAJORS ONLY.
SEC. 1B,2B FOR MAJORS OTHER THAN SPAN.
MATERIALS AND EQUIPMENT USE FEE $25.00.
6160000  1A TR 11:00-12:20         RIZO E
6160010  1B TR 11:00-12:20         RIZO E
6160015  2A MWF 12:10-1:00
6160020  2B MWF 12:10-1:00

SPAN FOR BUSINESS & PROFESSIONAL  SPAN 304  3 CR.
PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM;
301 RECOMMENDED.
SEC. 1A,2A RESERVED TO SPAN MAJORS ONLY.
SEC. 1B,2B FOR MAJORS OTHER THAN SPAN.
MATERIALS AND EQUIPMENT USE FEE $25.00.
AVAILABLE FOR NON-MAJOR GRADUATE CREDIT.
6482005  1A MWF 10:00-10:50
6482010  1B MWF 10:00-10:50
6482015  2A MWF 11:00-11:50
6482020  2B MWF 11:00-11:50

INTRO TO THE READING OF HISPANIC  SPAN 314  3 CR.
PREREQ: 301
MATERIALS AND EQUIPMENT USE FEE $25.00.
MEETS INTERNATIONAL PERSPECTIVES REQUISITE.
8894005  1 TR 11:00-12:20          HAYWOOD-FERREIRA
8894010  2 TR 9:30-10:50           HAYWOOD-FERREIRA
8894800  MX ARRANGED               GUTHRIE N
SEC MX: JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER
PROGRAM' STUDY ABROAD EXPERIENCE.
SPANISH CIVILIZATN  SPAN  321  3 CR.
PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6483800  MX ARRANGED              GUTHRIE N
SECT MX:JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER PROGRAM' STUDY ABROAD EXPERIENCE.

LATIN AMER CIVILIZA   SPAN  322  3 CR.
PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6484005  1 TR 11:00-12:20
6484800  MX ARRANGED              GUTHRIE N
SECT MX:JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER PROGRAM' STUDY ABROAD EXPERIENCE.

SPAIN TODAY      SPAN  323  3 CR.
PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
MATERIALS AND EQUIPMENT USE FEE $25.00
4047005  1 MW 3:10-4:30

LATIN AMERICA TODAY  SPAN  324  3 CR.
PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
4100800  MX ARRANGED              GUTHRIE N
SECT MX:JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER PROGRAM' STUDY ABROAD EXPERIENCE.

STU HISPAN ART/FILM  SPAN  326  3 CR.
PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
5030800  MX ARRANGED              GUTHRIE N
SECT MX:JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER PROGRAM' STUDY ABROAD EXPERIENCE.

STDI SPAN LIT 1700- SPAN  331  3 CR.
PREREQ: 314
MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6486005  1 MWF 1:10-2:00

LATN AM LIT TO 1900  SPAN  332  3 CR.
PREREQ: 314
MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6487800  MX ARRANGED              GUTHRIE N
SECT MX:JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER PROGRAM' STUDY ABROAD EXPERIENCE.

LAT AM LIT 20TH C - SPAN  333  3 CR.
PREREQ: 314
MATERIALS AND EQUIPMENT USE FEE $25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8023005  1 TR 2:10-3:30            HAYWOOD-FERREIRA
8023800  MX ARRANGED              GUTHRIE N
SECT MX:JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER PROGRAM' STUDY ABROAD EXPERIENCE.
SPANISH

LAT AM LIT 20TH C - SPAN 333 3 CR.
  PROGRAM' STUDY ABROAD EXPERIENCE.

INTR SPAN/ENG TRNSL SPAN 351 3 CR.
  PREREQ: 301, 303 OR 304
  MATERIALS AND EQUIPMENT USE FEE $25.00
  AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  5071005 1 TR 2:10-3:30 LEONARD K
  5071010 2 TR 11:00-12:20 LEONARD K

INTR SPANISH PHONOLG SPAN 352 3 CR.
  PREREQ: 301, 303 OR 304
  MATERIALS AND EQUIPMENT USE FEE $25.00
  AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  3382005 1 TR 12:40-2:00 DOMINGUEZ-CASTEL
  3382800 MX ARRANGED GUTHRIE N
  SECT MX: JAN 26-APRIL 24
  SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER
  PROGRAM' STUDY ABROAD EXPERIENCE.

ADV COMPOSÝ&GRAMMAR SPAN 401 3 CR.
  PREREQ: 314 AND ONE COURSE AT THE 320-LEVEL OR
  ABOVE
  MATERIALS AND EQUIPMENT USE FEE $25.00
  AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  6490800 MX ARRANGED GUTHRIE N
  SECT MX: JAN 26-APRIL 24
  SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER
  PROGRAM' STUDY ABROAD EXPERIENCE.

SEM LIT&CULTR SPAIN SPAN 440 3 CR.
  PREREQ: 330, 331, 332, OR 333 (RECOMMEND 330 & 331)
  MATERIALS AND EQUIPMENT USE FEE $25.00
  AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  7688005 1 MW 4:10-5:30

SEM LIT&CUL LATN AM SPAN 445 3 CR.
  PREREQ: 330, 331, 332, OR 333 (RECOMMEND 332 & 333)
  MATERIALS AND EQUIPMENT USE FEE $25.00
  MEETS INTERNATIONAL PERSPECTIVES REQMT.
  AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
  6496005 1A TR 9:30-10:50
  SECT 1A RESTRICTED TO SPAN MAJORS ONLY.
  6496010 1B TR 9:30-10:50
  SECT 1B FOR MAJORS OTHER THAN SPAN.

INDEPENDENT STUDY SPAN 490 1-6 CR.
  PREREQ: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
  NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED
  TOWARD GRADUATION
  PERMISSION OF DEPARTMENT CHAIR REQUIRED;
  PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
  ******** SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1-3 CR.
  SATISFACTORY-FAIL ONLY.
  PREREQ: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSION
  OF ADVISER AND WORLD LANGUAGES AND CULTURES
  INTERNSHIP COORDINATOR
  NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE
  APPLIED TOWARD GRADUATION IN THE MAJOR
  DEPARTMENT PERMISSION REQUIRED; PROCESS
  APPROVED ADD SLIP IN 10 ALUMNI HALL
  ******** SEE DEPT FOR REFERENCE NUMBERS
SPANISH

ADV COMPOS & GRAMMAR SPAN 501X 3 CR.
PREREQ: 314 AND ONE COURSE AT THE 320-LEVEL OR ABOVE, OR PERMISSION OF INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE $25.00
7481800 MX ARRANGED GUTHRIE N
SECT MX: JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER PROGRAM' STUDY ABROAD EXPERIENCE.

STU HISPAN ART/FILM SPAN 526 3 CR.
PREREQ: 6 CR IN SPAN LIT OR CULTURE AT 400 LEVEL
MATERIALS AND EQUIPMENT USE FEE $25.00
4728800 MX ARRANGED GUTHRIE N
SECT MX: JAN 26-APRIL 24
SEC MX TAUGHT IN MEXICO. 'CUERNAVACA SEMESTER PROGRAM' STUDY ABROAD EXPERIENCE.

SEM LIT & CULTR SPAIN SPAN 540X 3 CR.
PREREQ: 330, 331 OR 332 (RECOMMENDED 330 AND 331)
MATERIALS AND EQUIPMENT USE FEE $25.00
7467005 1 MW 4:10-5:30

SEM LIT & CULTR LATN AM SPAN 545X 3 CR.
PREREQ: 6 CR IN SPANISH AND/OR LATIN AMERICAN LIT OR CULTURE AT 400 LEVEL, OR PERMISSION OF INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE $25.00
7468005 1 TR 9:30-10:50

SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CR.
PREREQ: 204
MEETS U.S. DIVERSITY REQMT.
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6452005 1 MWF 1:10-2:00

ASESS INCLUSV CLSRM SP ED 355 2 CR.
PREREQ: CONCURRENT ENROLLMENT IN 455, C I 433, 438, 439, 468G, 468I
CONCURRENT ENROLLMENT IN C I 433, 438, 439, 468G, 468I, SP ED 455. REGISTER FOR THE SAME SECTION NUMBERS.
4385005 1 MW 8:30-9:50
NO MEETINGS FEB 18-MARCH 14

CLSRM ASSESMT SP ED SP ED 365 3 CR.
PREREQ: 330
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6454005 1 W 2:10-5:00

TCHG IN INCLUSV SET SP ED 368 1 CR.
PREREQ: CONCURRENT ENROLLMENT IN C I 377, 468F
CONCURRENT ENROLLMENT IN C I 377
4085005 W 12:10-1:30
NO MEETINGS MARCH 24-APRIL 18

SUPV STUDNT TEACHNG SP ED 415 VAR. CR.
PREREQ: FULL ADMISSION TO TEACHER EDUCATION, SENIOR CLASSIFICATION, 355, 455, CONCURRENT ENROLLMT IN FIRST SECONDARY EDUC methods class.
RESERVATION REQUIRED.
RESTRICTED TO STUDENTS WITH FULL ADMISSION
THE UNIVERSITY TEACHER EDUCATION PROGRAM
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE  $20.50-$615.00
SPRING 2009     Last Updated 10-03-2008

SPECIAL EDUCATION
4398005     ARRANGED

SUPV STUDENT TEACHG   SP ED 416   VAR. CR.
PREREQ: FULL ADMISSION TO TEACHER EDUC, SENIOR
CLASSIFICATION, STUDENT IN EL ED SECTION, 330,365,
436,439,457; C I 280,478. RESERVATION REQUIRED
RESTRICTED TO STUDENTS WITH FULL ADMISSION
THE UNIVERSITY TEACHER EDUCATION PROGRAM
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $20.50-$615.00
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3286005     ARRANGED

INST MTHD M/MO DSAB   SP ED 436   3 CR.
PREREQ: 245, CONCURRENT ENROLLMENT IN 365
1884005     M 2:10-5:00

TCH EXCEP SCDY CLRM   SP ED 450   3 CR.
5059005     T R 11:00-12:15

INSTR MTH INCL PRI   SP ED 455   2 CR.
PREREQ: CONCURRENT ENROLLMENT 355; C I 433, 438,
439, 468G, 468I
CONCURRENT ENROLLMENT IN C I 433, 438, 439,
468G, 468I; SP ED 355. REGISTER FOR THE SAME
SECTION NUMBERS.
6848005     T W 10:00-11:15
NO MEETINGS FEB 18-MARCH 14

INDEPENDENT STUDY   SP ED 490   1- 5 CR.
PREREQ: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR
DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

FOUND MLD/MOD DISAB   SP ED 510   3 CR.
2617005     T 6:10-9:00PM
2617600     XE ARRANGED CARLSON P
SECT XE:JAN 13-APRIL 28
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

FND BEHAV DIS&LRN D   SP ED 511   3 CR.
8694005     R 6:10-9:00PM
8694600     XE ARRANGED ABELSON A
SECT XE:JAN 15-MAY 7
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

EVID-BS PRAC LRN DS   SP ED 540   3 CR.
PREREQ: 511, 515
2642005     T W 5:10-8:00PM
S 9:00-3:00
SEC 1 MEETING DATES: 1/14, 1/21, 1/31, 2/25, 3/4,
2642600     XE ARRANGED
SECT XE:JAN 14-MAY 6
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

SPECIAL EDUCATION

SPECIAL TOPICS   SP ED 590   1- 5 CR.
PREREQ: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR
******  SEE DEPT FOR REFERENCE NUMBERS

FLD EXP DISABLT, K-6  SP ED 591G  1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $33.00
******  SEE DEPT FOR REFERENCE NUMBERS

FLD EXP DISABL, 7-12  SP ED 591H  1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $33.00
******  SEE DEPT FOR REFERENCE NUMBERS

FLD EXP BHV/DIS, K12  SP ED 591K  1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE $33.00
******  SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  SP ED 599  1- 5 CR.
PREREQ: 15 CREDITS IN EDUCATION
******  SEE DEPT FOR REFERENCE NUMBERS

RESEARCH  SP ED 699  VAR.  CR.
PREREQ: 15 CREDITS IN EDUCATION
******  SEE DEPT FOR REFERENCE NUMBERS

**SPEECH COMMUNICATION**

LISTENING  SP CM 110  3 CR.
6418005  A MWF 12:10-1:00

FUND PUBLIC SPEAKNG  SP CM 212  3 CR.
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
8643025  2 MWF 9:00-9:50
       MWF 2:10-3:00
8643030  3 MWF 10:00-10:50
       MWF 2:10-3:00
8643035  4 MWF 10:00-10:50
       MWF 2:10-3:00
8643040  5 MWF 11:00-11:50
       MWF 2:10-3:00
8643045  6 MWF 12:10-1:00
       MWF 2:10-3:00
8643050  7 MWF 12:10-1:00
       MWF 2:10-3:00
8643055  8 MWF 1:10-2:00
       MWF 2:10-3:00
8643060  9 MWF 1:10-2:00
       MWF 2:10-3:00
8643065 10 MWF 2:10-3:00
       MWF 2:10-3:00
SEC 10 LECTURE & LAB MEET ON ALTERNATING DAY, SO
IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC.,
SECOND TIME LISTED.
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<th>Section</th>
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PREREQ: MEMBERSHIP IN THE UNIV HONORS PROGRAM
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.

8819005 MWF 11:00-11:50

CMPTR IN STDY ENGLI SP CM 213 3 CR.
PREREQ: ENGL 250
5049005 A1 TR 9:30-10:50
SEC A1 RESTRICTED TO COMST, ENGL, JL MC, P JMC, TCOMM MAJORS ONLY.
5049010 A2 TR 9:30-10:50
SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL & TCOMM

INTERCOLLEG DEBATE SP CM 223 1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
6424005 ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SPECIAL PROJECTS SP CM 290 1-2 CR.
PREREQ: 3 CR IN SP CM; PERMISN OF DEPT CHAIR
NO MORE THAN 4 CREDITS OF SP CM 290 MAY BE
APPLIED TOWARD GRADUATION. NO CREDITS IN SP CM 290
MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE
MAJOR. NO CREDITS IN SP CM 290 MAY BE APPLIED
TOWARD THE MINOR.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS
Lenguag, Thought & Act SP CM 305 3 CR.
PREREQ: ENGL 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6427005 A1 MWF 1:10-2:00
SEC A1 RESTRICTED TO SP CM MAJORS ONLY
6427010 A2 MWF 1:10-2:00
SEC A2 FOR MAJORS OTHER THAN SP CM

BUSINESS & PRO SPEAKG SP CM 312 3 CR.
PREREQ: 212
6429005 A1 TR 12:40-2:00
SEC A1 RESTRICTED TO SP CM MAJORS ONLY.
6429010 A2 TR 12:40-2:00
SEC A2 RESTRICTED TO MAJORS OTHER THAN
SP CM

GENDER & COMMUNICATION SP CM 323 3 CR.
PREREQ: 212
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2640005 A TR 9:30-10:50
2640010 B TR 11:00-12:20
2640015 C TR 12:40-2:00

NONVERBAL COMMUNICATION SP CM 325 3 CR.
PREREQ: COMST 101 OR 102, 203, 301
COURSE RESTRICTED TO COMST MAJORS ONLY
3196005 1 T 9:30-10:50
SPEECH COMMUNICATION

PERSUASION            SP CM 327      3 CR.
PREREQ: 212
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 11:00-12:20
6437010  A2 TR 11:00-12:20

RHETO ISSU IN CONTX   SP CM 350      3 CR.
PREREQ: ENGL 250
3005005  A1 TR 2:10-3:30
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
3005010  A2 TR 2:10-3:30
SEC. A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

RHETORICAL CRITICISM   SP CM 412      3 CR.
PREREQ: 212 AND 6 CREDITS IN SPEECH COMMUNICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4529005     TR 12:40-2:00

AMER PUBLIC ADDRESS   SP CM 416      3 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6440005     TR 9:30-10:50

INDEPENDENT STUDY     SP CM 490   1- 3 CR.
PREREQ: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATION,
PERMISSION OF DEPT. CHAIR
NO MORE THAN 9 CREDITS OF SP CM 490 MAY BE
APPLIED TOWARD GRADUATION. NO CREDITS IN SP CM
490 MAY BE APPLIED TOWARD THE MINOR.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******     SEE DEPT FOR REFERENCE NUMBERS

DIRECT SPEECH ACTIV SP CM 495A     1 CR.
PREREQ: C I 301; 9 CR IN SP CM; MINIMUM GPA
OF 2.5 IN SP CM COURSES
6445005     ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

CAPSTONE SEMINAR      SP CM 497      3 CR.
PREREQ: 15 CR IN SP CM; JR OR SR CLASSIFICATION
FOR IRC SENIORS ONLY
8572005     MWF 10:00-10:50

COMMUNIC INTERNSHIP   SP CM 499   1- 3 CR.
PREREQ: 18 CR IN SP CM COURSES, OTHER COURSES
ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR
STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0
IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE
NO MORE THAN 6 INTERNSHIP CREDITS MAY BE APPLIED
TOWARD DEGREE REQUIREMENTS. NO CREDITS IN SP CM 499
MAY BE APPLIED TOWARD THE 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 CR.
PREREQ: REQUIRED OF NEW SP CM 212 T.A. APPOINTMENTS
2093005     ARRANGED

SPEECH COMMUNICATION
SPECIAL TOPICS  SP CM 590  1- 4 CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINOR.
******* SEE DEPT FOR REFERENCE NUMBERS

STATISTICS

PRIN OF STATISTICS  STAT 101  4 CR.
PREREQ:  1 ½ YRS OF H S ALGEBRA
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 2:10-4:00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502010  B MWF 9:00-9:50
M 4:10-6:00PM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502015  C MWF 10:00-10:50
T 2:10-4:00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502020  D MWF 10:00-10:50
T 4:10-6:00PM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502025  E MWF 11:00-11:50
W 2:10-4:00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502030  F MWF 11:00-11:50
W 4:10-6:00PM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502035  G MWF 12:10-2:00
W 2:10-4:00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502040  H MWF 12:10-2:00
W 4:10-6:00PM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502045  J MWF 1:10-2:00
W 2:10-4:00
SEC: L HONORS SECTION.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502050  K MWF 2:10-3:00
R 2:10-4:00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502055  L MWF 3:10-4:00
R 2:10-4:00
SEC: L HONORS SECTION.
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502060  M MWF 8:00-8:50
W 12:10-2:00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502065  N MWF 8:00-8:50
W 10:00-11:50
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
STATISTICS

PRIN OF STATISTICS    STAT 101      4 CR.
APPROVED ADD SLIP IN 10 ALUMNI HALL

INTRO TO STATISTICS    STAT 104      3 CR.
PREREQ: 1 & 1/2 YRS OF H S ALGEBRA
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
STAT 105, STAT 226. COURSE NOT OPEN TO BUS COLLEGE
MAJORS.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6503005   A TR 1:10-2:00
       F 12:10-2:00
6503010   B TR 2:10-3:00
       F 2:10-4:00
6503015   C TR 9:00-9:50
       F 10:00-11:50
6503020   D TR 8:00-8:50
       F 8:00-9:50
6503025   E TR 8:00-8:50
       F 10:00-11:50

INTRO STAT FOR ENGR    STAT 105      3 CR.
PREREQ: MATH 165 (OR 165H)
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
6504010   B TR 9:30-10:50

INTR BUSINES STAT I    STAT 226      3 CR.
PREREQ: MATH 150 OR 165
COURSE RESTRICTED TO ACCT, BUS S, BUSAD, BUS U,
FIN, I BUS, LOMIS, MBMT, MIS, MKT, P BUS, ECON, AG B
MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY
BE APPLIED TOWARD GRADUATION: STAT 226, STAT 101,
STAT 104, STAT 105.
3975005   A TR 9:30-10:50
3975010   B TR 9:30-10:50
3975015   C TR 2:10-3:30
3975020   D TR 2:10-3:30
3975025   E TR 3:40-5:00
3975030   F TR 8:00-9:20
3975035   G TR 8:00-9:20

PROB&INFERNCE, ENGRS    STAT 231      4 CR.
PREREQ: CREDIT OR ENROLLMENT IN MATH 265
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6507005   TR 12:40-2:00
          W 12:10-1:00

ENGINEERING STAT    STAT 305      3 CR.
PREREQ: MATH 165 (OR 165H)
CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION.
6509005   A TR 12:40-2:00
           SEC A RESTRICTED TO COLLEGE OF ENGINEERING
           STUDENTS ONLY.
           INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
           APPROVED ADD SLIP IN 10 ALUMNI HALL
6509010   B TR 3:40-5:00
           SEC B RESTRICTED TO COLLEGE OF ENGINEERING
STUDENTS ONLY.  
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS

**STATISTICS**

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<td>326</td>
<td>INTR BUSINS STAT II</td>
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<td>342</td>
<td>INTR THY PR &amp; STAT II</td>
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<td>361</td>
<td>STAT QUALITY ASSURANCE</td>
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**ENGINEERING STAT 305 3 CR.**
- Approved add slip in 10 Alumni Hall
- Sec C restricted to CH E majors only
- Instructor permission required 1st week; process
- Sec D restricted to college of Engineering majors only
- Instructor permission required 1st week; process
- Sec E restricted to college of Engineering students only
- Instructor permission required 1st week; process

**PROBAB MTH, ELEC ENG 322 3 CR.**
- Prereq: E E 224
- MWF 12:10-1:00

**INTR BUSINS STAT II 326 3 CR.**
- Night examinations scheduled.
- Prereq: 226
- MWF 3:10-4:00

**PROBAB & STAT COM SCI 330 3 CR.**
- Prereq: Math 166
- Available for nonmajor graduate credit.
- MWF 3:10-4:00

**INTR THY PROBAB & S I 341 3 CR.**
- Prereq: Math 265 (or 265H)
- Credit for either STAT/MATH 341 or STAT 447, but not both, may be applied toward graduation
- MWF 2:10-3:00

**INTR THY PR & STAT II 342 3 CR.**
- Prereq: 341, Math 307 or 317
- MWF 10:00-10:50

**STAT QUALITY ASSURANCE 361 3 CR.**
- Prereq: 231 or 401
- Available for nonmajor graduate credit.
- Sec A restricted to I E majors only
- Sec B restricted to I E majors only
- Sec A restricted to I E majors only

- Sec D restricted to I E majors only
- Sec E restricted to I E majors only

- Sec G restricted to I E majors only
- Sec H restricted to I E majors only
- Sec I restricted to I E majors only
- Sec J restricted to I E majors only
- Sec K restricted to I E majors only

- Sec L restricted to I E majors only
- Sec M restricted to I E majors only
- Sec N restricted to I E majors only
- Sec O restricted to I E majors only
- Sec P restricted to I E majors only
- Sec Q restricted to I E majors only
- Sec R restricted to I E majors only
- Sec S restricted to I E majors only
- Sec T restricted to I E majors only
- Sec U restricted to I E majors only
- Sec V restricted to I E majors only
- Sec W restricted to I E majors only
- Sec X restricted to I E majors only
- Sec Y restricted to I E majors only
- Sec Z restricted to I E majors only
STATISTICS

COOPERATIVE EDUCATION STAT 398 4 R CR.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
1530005 ARRANGED

STAT METHODS FOR RSRCH STAT 401 4 CR.
PREREQ: 101 OR 104 OR 105 OR 226. GRAD STUDENTS
WITHOUT AN EQUIV COURSE SHOULD CONTACT DEPT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6514005 A MWF 8:00-8:50
T 12:10-2:00
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, HHF, IMBIO, MCDB, NEURO, NS H, NUTR, P PHY,
PDEXH, SUSAG, TOX, ZLGS
6514010 B MWF 1:10-2:00
T 2:10-4:00
SEC. B RESTRICTED TO UNDERGRADS ONLY.
6514015 C TR 11:00-12:20
F 2:10-4:00
SEC. C FOR SOCIAL SCIENCES MAJORS
6514020 D T 7:00-9:50PM
R 7:00-8:50PM
SEC. D POL S, EDUC, HD FS, PSYCH AND SOC MAJORS
6514600 XE ARRANGED SHELLEY M
SECT XE: JAN 12-MAY 8
DELIVERY CHARGE 600.00.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEO STREAMING

STAT DESIGN & EXPERIMENT STAT 402 3 CR.
PREREQ: 401
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6515005 A MWF 8:00-8:50
SEC A RESTRICTED TO A E, A B E, EEOB, EEOBS,
DIETH, FSHNH, FS H, GENET, IMBIO, NEURO, NUTR, MCDB,
NEURO, ZLGS, P PHY, AG COLLEGE AND VET COLLEGE
MAJORS ONLY.
6515010 B MWF 11:00-11:50
SEC B FOR PHYS SCIENCES, MATH, ENGR,
UNDERGRADS
6515015 C MWF 10:00-10:50
SEC C FOR HD FS, H SCI, POL S, PSYCH AND SOC
MAJORS ONLY.

DSIGN MICROARRAY EXP STAT 416 3 CR.
PREREQ: 401
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8574005 TR 2:10-3:30

SURVEY SAMPL TECHNQ STAT 421 3 CR.
PREREQ: 231 OR 328 OR 401
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6520005 TR 8:30-9:20
R 12:10-2:00

STAT THEORY FOR RES STAT 447 4 CR.
PREREQ: MATH 151 AND INST PERMISSION, OR MATH 265
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
STATISTICS

APPLIED TIME SERIES STAT 451 3 CR.
PREREQ: 231 OR 328 OR 401
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6524005  MWF 12:10-1:00

APL CATEG DATA ANLY STAT 457 3 CR.
PREREQ: 401 OR EQUIVALENT
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1365005  TR 2:10-3:30

STAT COMPUTING APPL STAT 480 3 CR.
PREREQ: 231 OR 328 OR 401
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6525005  TR 9:30-10:50

INDEPENDENT STUDY STAT 490 VAR. CR.
PREREQ: 10 CREDITS IN STATISTICS
NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
APPLIED TOWARD GRADUATION
******  SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS STAT 490H VAR. CR.
PREREQ: 10 CR IN STAT, MEMBERSHIP IN HONORS PROG
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

APPL STAT INDUST II STAT 496 3 CR.
PREREQ: 495
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1419005  ARRANGED
DELIVERY IS WWW

MULTIVAR STAT METHD STAT 501 3 CR.
PREREQ: 500 OR 402; 447 OR 542; KNOWLEDGE OF
MATRIX ALGEBRA
6530005  MWF 1:10-2:00
6530600  XN ARRANGED  TUCKER S
SECT XN:JAN 12-MAY 8
SECTION XN IS OFF CAMPUS.
6530605  XR ARRANGED  KOEHLER K
SECT XR:JAN 12-MAY 8
DELIVERY FEE $759.00.
SECTION XR IS OFF CAMPUS.
DELIVERY IS WWW
6530610  XS ARRANGED  TUCKER S
SECT XS:JAN 12-MAY 8
DELIVERY FEE $450.00.
SECTION XS IS OFF CAMPUS.
DELIVERY IS WWW
6530615  XW ARRANGED  KOEHLER K
SECT XW:JAN 12-MAY 8
DELIVERY FEE $759.00.
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

EXPLOR MTH&DATA MIN STAT 503 3 CR.
PREREQ: 401, 341 OR 447
4077005  MWF 2:10-3:00
STATISTICS

STATISTICAL METHODS STAT 511 3 CR.
FREREQ: 500 OR 402 OR 404; 447 OR 542 AND CURRENT ENROLLMENT IN 543: KNOWLEDGE OF MATRIX ALGEBRA
6531005 A MWF 11:00-11:50
6531600 XN ARRANGED VARDEMAN S
SECT XN: JAN 12-MAY 8
SECTION XN IS OFF CAMPUS.
6531605 XR ARRANGED VARDEMAN S
SECT XR: JAN 12-MAY 8
DELIVERY FEE $759.00.
SECTION XR IS OFF CAMPUS.
DELIVERY IS WWW
6531610 XS ARRANGED VARDEMAN S
SECT XS: JAN 12-MAY 8
DELIVERY FEE $450.00.
SECTION XS IS OFF CAMPUS.
DELIVERY IS WWW
6531615 XW ARRANGED VARDEMAN S
SECT XW: JAN 12-MAY 8
DELIVERY FEE
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

DSGN MICROARRAY EXP STAT 516 3 CR.
FREREQ: 500; 447 OR 542
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8575005 TR 11:00-12:20

THY&APP SAMPLE SURV STAT 521 3 CR.
FREREQ: 401; 447 OR 542
6535005 TR 2:10-3:30

QUAL CNTRL&ENG STAT STAT 531 3 CR.
FREREQ: 401; 342 OR 447
6537005 TR 3:40-5:00

RELIABILITY STAT 533 3 CR.
FREREQ: 342 OR 432 OR 447
6538600 XN ARRANGED MEEKER W
SECT XN: JAN 12-MAY 8
SECTION XN IS OFF CAMPUS.
6538605 XR ARRANGED MEEKER W
SECT XR: JAN 12-MAY 8
DELIVERY FEE $759.00.
SECTION XR IS OFF CAMPUS.
DELIVERY IS WWW
6538610 XS ARRANGED MEEKER W
SECT XS: JAN 12-MAY 8
DELIVERY FEE $450.00.
SECTION XS IS OFF CAMPUS.
DELIVERY IS WWW
6538615 XW ARRANGED MEEKER W
SECT XW: JAN 12-MAY 8
DELIVERY FEE SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

STAT MOLECULR GENET STAT 537 3 CR.
FREREQ: 401, 447; GEN 320 OR BIOL 313
6542005 TR 2:10-3:30

THRY PROBAB&STAT II STAT 543 3 CR.
PREREQ: 542
6547005 MWF 9:00-9:50

BAYESIAN STATISTICS STAT 544 3 CR.
PREREQ: 543
6548005 TR 8:00-9:20

BIOINFORMATICS II STAT 568 3 CR.
PREREQ: BCB 567, BBMB 301, BIOL 315, STAT 401,
STAT 432, CREDIT OR ENROLLMENT IN GEN 411
5070005 TR 9:30-10:50

BIOINFORMATICS IV STAT 570 3 CR.
PREREQ: BCB 567, BIOL 315, COM S 363, GEN 411,
STAT 401, STAT 432
5074005 TR 12:40-2:00

STATISTICAL COMPUTING STAT 580 3 CR.
PREREQ: 579 AND 447 OR 542
6553005 TR 9:30-10:50

SPECL TOPICS THEORY STAT 590A VAR. CR.
6554005 ARRANGED

SPCL TOPICS METHODS STAT 590B VAR. CR.
6555005 ARRANGED

SPL TOP DESGN EXPER STAT 590C VAR. CR.
6556005 ARRANGED

SPL TOP SAMP SURVEY STAT 590D VAR. CR.
6557005 ARRANGED

COOPERATIVE EDUCATN STAT 598 R CR.
PREREQ: PERMISSION OF THE DEPARTMENT CHAIR
4153002 ARRANGED

CREATIVE COMPONENT STAT 599 VAR. CR.
SATISFACTORY-FAIL ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

ADV THRY ST INFERNC STAT 643 4 CR.
PREREQ: 543, 642
6566005 TR 12:40-2:00
W 2:10-3:00

ADV STOCHAST PROCES STAT 645 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
3767005 TR 2:10-3:30

ADV SPL TOPC THEORY STAT 690A VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
6851005 ARRANGED

ADV SPL TOP METHODS STAT 690B VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
6852005 ARRANGED

ADV TOP DSIGN EXPER STAT 690C VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
6854005 ARRANGED
STATISTICS

ADV TOP SAMP SURVEY STAT 690D VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
6859005 ARRANGED

ADV TOP STAT COMPUT STAT 690E VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
1709005 ARRANGED

ADV TOPICS GRAPHICS STAT 690F VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
3189005 ARRANGED

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

SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN DECISN SCM 520 3 CR.
PREREQ: 502 OR PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7184004 A R 6:00-9:30PM
SECT A: JAN 15-APRIL 9

STRATG PROCES S ANALY SCM 524 3 CR.
PREREQ: SCM 502 OR PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
8590005 A W 6:00-9:30PM
SECT A: JAN 14-APRIL 8

SPECIAL TOPICS SCM 590 1- 3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

SUSTAINABLE AGRICULTURE

SPECIAL TOPICS SUSAG 590 1- 3 CR.
PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

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

SUSTAINB AG COLLOQU SUSAG 600 1 CR.
5035005 W 3:10-5:00

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

TECHNOLOGY & SOCIAL CHANGE

WORLD FOOD ISSUES T SC 342 3 CR.
PREREQ: JUNIOR CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5256005 1 TR 11:00-12:20 ZDORKOWSKI G
5256010 2 MWF 11:00-11:50 FORD C
SEC. 2 RESTRICTED FS A, FS H, DIETA, DIETH, NS A, AND NS H MAJORS ONLY.
5256015 3 TR 2:10-3:30 ZDORKOWSKI G
TECHNOLOGY & SOCIAL CHANGE

PHILO OF TECHNOLOGY   T SC 343     3 CR.
PREREQ: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
AND 3 CREDITS OF SOCIAL SCIENCE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5211005 A TR 11:00-12:20
5211010 B MWF 12:10-1:00

INDEPENDENT STUDY   T SC 490 VAR. CR.
PREREQ: 341, PERMISSION OF INSTRUCTOR & T SC COORD
PERMISSION OF COORDINATOR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP: TCH&SOC CHG   T SC 590F VAR. CR.
PREREQ: 541, PERMISSION OF INSTRUCTOR & T SC COORD
PERMISSION OF COORDINATOR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

EXPERNCING TECHNOL   TSM 111     1 CR.
PREREQ: AST AND I TEC MAJORS ONLY OR PERMISSION
OF INSTRUCTOR
8507005 A M 10:00-11:50
8507010 B W 10:00-11:50

DEV LEARNRS&LEADERS   TSM 114X    2 CR.
PREREQ: 112
8129005 ARRANGED

SOLV TECHNOL PROBLM   TSM 115    3 CR.
PREREQ: CR OR ENROLLMENT IN MATH 140 OR HIGHER
1358005 A MW 2:10-4:00

INTR DSGN IN TCHNL   TSM 116    3 CR.
COURSE RESTRICTED TO AST, I TEC MAJORS ONLY.
OTHERS MAY ADD WITH THE PERMISSION OF THE INSTRUCTOR
4496005 A TR 10:00-11:50

ENTREPRN&INTERN SEM   TSM 201    1 CR.
PREREQ: SOPHMORE CLASSIF IN A E, AST OR I TEC
1384005 A MW 4:10-5:00
SECT A: JAN 12-MARCH 6

FUND OF TECHNOLOGY   TSM 210    3 CR.
PREREQ: CR OR ENROLLMT IN 115, MATH 140 OR HIGHER
1359005 A TR 8:00-9:20

ADV TECH GRPHCS&CAD   TSM 216    3 CR.
PREREQ: 116
4504005 A TR 12:40-2:30

INTRO MANUFAC PROC   TSM 240    3 CR.
MATERIALS FEE $50.00
6601005 A M 1:10-2:00
TR 10:00-11:50
6601010 B M 1:10-2:00
TR 8:00-9:50
# TECHNOLOGY SYSTEMS MANAGEMENT

<table>
<thead>
<tr>
<th>Course</th>
<th>Catalog No.</th>
<th>Credits</th>
<th>Time and Days</th>
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<td>INTRO OCCUP SAFETY</td>
<td>TSM 272</td>
<td>2 CR.</td>
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<td>ARRANGED</td>
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<td>LEADERSHIP &amp; ETHICS SEM</td>
<td>TSM 301</td>
<td>1 CR.</td>
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<td>PREREQ: 201</td>
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<td>1394005</td>
<td>A TR 9:00-9:50</td>
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<td>SECT A: JANUARY 12-MARCH 6</td>
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<td>TOTAL QUAL IMPROVMT</td>
<td>TSM 310</td>
<td>3 CR.</td>
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<td>PREREQ: STAT 101 OR 104, JUNIOR CLASSIFICATION</td>
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<td>9202005</td>
<td>A MWF 12:10-1:00</td>
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<td>PRESERV GRAIN QLTY</td>
<td>TSM 322</td>
<td>3 CR.</td>
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<td>PREREQ: MATH 140 OR HIGHER</td>
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<td>SOIL &amp; WATER CONSERV MGT</td>
<td>TSM 324</td>
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<td>AG MACHNRY &amp; PWR MGT</td>
<td>TSM 330</td>
<td>3 CR.</td>
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<td>COURSE RESTRICTED TO AST MAJORS, MINORS MAY</td>
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<td>FIELD TRIPS &amp; TRAVEL FEE $10.00</td>
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<td>1347005</td>
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<td>FLUID MACHNRY &amp; PWR MGT</td>
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<td>3 CR.</td>
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<td>ADV AUTOMA MFG PROC</td>
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<td>TSM 363</td>
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TECHNOLOGY SYSTEMS MANAGEMENT

OCCUPATIONAL SAFETY TSM 370 3 CR.
PREREQ: 270, JUNIOR STANDING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7282005 ARRANGED

TECHNOLOGY INTERNSHPO TSM 397 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: AT LEAST 45 CREDITS OF COURSEWORK, IN AST OR I TEC MAJOR, INTERNSHIP COORDINATOR APPROVAL
***** SEE DEPT FOR REFERENCE NUMBERS

WORK EXPERIENCE TECHNOL TSM 399 2 CR.
PREREQ: 397 AND APPROVAL OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.
COURSE RESTRICTED TO TSM MAJORS & PERMISSION OF INSTRUCTOR REQUIRED PRIOR TO COMMENCING WORK EXPERIENCE.
***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONAL SEMINAR TSM 401 1 CR.
PREREQ: 301
9460005 MW 4:10-5:00
JAN 12-MARCH 6

INTEGRATED PROB SOLV TSM 408 3 CR.
PREREQ: JUNIOR OR SENIOR STANDING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5919005 A MW 9:00-11:50
SECT A: JAN 12-MARCH 13

TECHNOLOGY CAPSTONE I TSM 415 2 CR.
PREREQ: SENIOR CLASSIFICATION
PROFESSIONAL SUPPORT FEE $55.00
6830005 M 2:10-3:00
F 8:00-9:50

TECHNOLOGY CAPSTONE II TSM 416 2 CR.
PREREQ: 415
MATERIALS FEE $30.00
7031005 M 3:10-4:00, ARRANGED

ADVANCED PRECIS FARM SYS TSM 433 3 CR.
PREREQ: MATH 140 OR EQUIV, ADMISSION TO MASTER OF AGRICULTURE PROGRAM
CREDIT FOR EITHER TSM 333 OR TSM 433, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1422005 ARRANGED
DELIVERY IS WWW

CELLULAR LEAN MANUF TSM 440 3 CR.
PREREQ: 310, 340
COURSE RESTRICTED TO I TEC MAJORS ONLY.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $10.00
4536005 A M 10:00-11:50
W 10:00-11:50
4536010 B M 10:00-11:50
F 10:00-11:50
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<td>POLYM&amp;COMPOSIT PROC</td>
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<td>M 2:10-3:00</td>
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<td></td>
<td></td>
<td>WF 2:10-4:00</td>
</tr>
<tr>
<td>AUTOMATION SYSTEMS</td>
<td>3 CR.</td>
<td>TSM 465</td>
</tr>
<tr>
<td>PREREQ: 363</td>
<td></td>
<td>COURSE RESTRICTED TO AST &amp; I TEC MAJORS ONLY</td>
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<td></td>
<td>MATERIALS AND FIELD TRIPS &amp; TRAVEL FEE $15.00</td>
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<td>7973005</td>
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<td>A TR 11:00-11:50</td>
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<td>T 2:10-4:00</td>
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<td>7973010</td>
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<td>B TR 11:00-11:50</td>
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<td>R 2:10-4:00</td>
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<td>7973015</td>
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<td>C TR 11:00-11:50</td>
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<td></td>
<td>T 4:10-6:00</td>
</tr>
<tr>
<td>INDU HYGIEN:HAZARDS</td>
<td>3 CR.</td>
<td>TSM 470</td>
</tr>
<tr>
<td>PREREQ: 272; CHEM 163, 163L; MATH 160 OR HIGHER</td>
<td></td>
<td>AVAILABLE FOR NONMAJOR GRADUATE CREDIT.</td>
</tr>
<tr>
<td></td>
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<td>5639005</td>
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<td>A TR 12:40-2:00</td>
</tr>
<tr>
<td>SAFETY LABORATORY</td>
<td>1 CR.</td>
<td>TSM 471</td>
</tr>
<tr>
<td>PREREQ: CREDIT OR ENROLLMENT IN 470</td>
<td></td>
<td>MATERIALS AND FIELD TRIPS &amp; TRAVEL FEE $15.00</td>
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<td>5640005</td>
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<td></td>
<td>T 2:10-4:00</td>
</tr>
<tr>
<td>IND STUDY ENVIR/AIR</td>
<td>1-4 CR.</td>
<td>TSM 490A</td>
</tr>
<tr>
<td>PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR</td>
<td></td>
<td>PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT</td>
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<td>NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED</td>
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<td>TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION</td>
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<td>DEPARTMENT PERMISSION REQUIRED; PROCESS</td>
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<td>APPROVED ADD SLIP IN 10 ALUMNI HALL</td>
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<td>****************** SEE DEPT FOR REFERENCE NUMBERS</td>
</tr>
<tr>
<td>IND STUDY CMPT APPL</td>
<td>1-4 CR.</td>
<td>TSM 490C</td>
</tr>
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<td>PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR</td>
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<td>PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT</td>
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<td>NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED</td>
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<td>TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION</td>
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<td>DEPARTMENT PERMISSION REQUIRED; PROCESS</td>
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<td>APPROVED ADD SLIP IN 10 ALUMNI HALL</td>
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<td>****************** SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>IND STUDY ELECTRICAL</td>
<td>1-4 CR.</td>
<td>TSM 490E</td>
</tr>
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<td>PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR</td>
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<td>PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT</td>
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<td>NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED</td>
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<td>TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION</td>
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<td>DEPARTMENT PERMISSION REQUIRED; PROCESS</td>
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<td>APPROVED ADD SLIP IN 10 ALUMNI HALL</td>
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<td>****************** SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>IND STUDY GRAIN OPER</td>
<td>1-4 CR.</td>
<td>TSM 490G</td>
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<td>PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR</td>
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<td>PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT</td>
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<td>NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED</td>
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<td>TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION</td>
</tr>
</tbody>
</table>
TECHNOLOGY SYSTEMS MANAGEMENT

INDEP STUDY HONORS TSM 490H 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
ONLY.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INDUS MFG TSM 490I 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU BIOPROCESS TSM 490K 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUY LVSTK PROD TSM 490L 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STUY MACHIN SYS TSM 490M 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY ENERGY TSM 490N 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU OCCUP SAFET TSM 490O 1- 4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******  SEE DEPT FOR REFERENCE NUMBERS
TECHNOLOGY SYSTEMS MANAGEMENT

IND STDY SOIL&WATER TSM 490S 1-4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY STRUC/BLDG TSM 490T 1-4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY WASTE MGT TSM 490W 1-4 CR.
PREREQ: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP TSM 491 1-2 CR.
PREREQ: AGRON 338, ADVANCE APPROVAL AND
PARTICIPATION OF EMPLOYER AND INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1723005 1 ARRANGED KNAPP A
1723010 2 ARRANGED MULLEN R

ADV DESIGN&MANUFAC TSM 540 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
MATERIALS AND FIELD TRIPS & TRAVEL FEE $12.00
4557005 MW 2:10-3:30

SPL TP ANIM ENV/AIR TSM 590A 1-4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL TSM 590C 1-4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPC ELECTR TSM 590E 1-4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP GRAIN OPERA TSM 590G 1-4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
******* SEE DEPT FOR REFERENCE NUMBERS
TECHNOLOGY SYSTEMS MANAGEMENT

SPL TOP IND MANUFAC TSM 590I 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOPROCESSI TSM 590K 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TP LVSTK PRD SY TSM 590L 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MACHINE SYS TSM 590M 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
****** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPC ENERGY TSM 590N 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCCUP SAFET TSM 590O 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC SOIL&WATER TSM 590S 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC STRUC/BLDG TSM 590T 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC WASTE MGMT TSM 590W 1- 4 CR.
PREREQ: GRADUATE CLASSIFICATION IN INDUSTRIAL AND
AGRICULTURAL TECHNOLOGY, PERMISSION OF INSTRUCTOR,
AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
****** SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH PAPER TSM 598 1 CR.
SATISFACTORY-FAIL ONLY.
1911005 ARRANGED

CREATIVE COMPONENT TSM 599 1- 3 CR.
****** SEE DEPT FOR REFERENCE NUMBERS
TECHNOLOGY SYSTEMS MANAGEMENT

TEACHING PRACTICUM TSM 694 1-3 CR.
1919005 ARRANGED

TECHNOLOGY INTERNSHIP TSM 697 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
4646005 ARRANGED

DOCTORAL TECH PAPER TSM 698 1 CR.
SATISFACTORY-FAIL ONLY.
1926005 ARRANGED

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

TEXTILES & CLOTHING

APPAREL ASSEMBLY PROC T C 121 3 CR.
COURSE RESTRICTED TO AMDP MAJORS ONLY
MATERIALS AND FIELD TRIPS & TRAVEL FEE
$50.00-$200.00
6602005 1 M 3:10-4:00
TR 8:00-9:50
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6602010 2 M 3:10-4:00
WF 2:10-4:00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6602015 3 M 3:10-4:00
WF 4:10-6:00 PM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

OVERVIEW FASHION IND T C 131 3 CR.
PREREQ: 131
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
8338005 1A MWF 2:10-3:00
SEC 1A RESTRICTED TO AMDP MAJORS ONLY.
8338010 1B MWF 2:10-3:00
SEC 1B FOR MAJORS OTHER THAN AMDP.

TREND & CONSUMER ANALYSIS T C 165 3 CR.
SEC 1A, 2A ETC RESTRICTED TO AMDP MAJORS ONLY.
SEC 1B, 2B ETC FOR MAJORS OTHER THAN AMDP.
MEETS U.S. DIVERSITY REQMT.
6603005 1A TR 12:30-2:00
6603010 1B TR 12:30-2:00

TEXTILE SCIENCE I T C 204 4 CR.
PREREQ: 3 CR IN T C
COURSE RESTRICTED TO AMDP, ARTID, FCEDS, T C MAJORS
MATERIALS FEE $15.00-$60.00
6604005 1 ARRANGED, TR 8:00-9:20
6604010 2 ARRANGED
TR 9:30-10:50
6604015 3 ARRANGED
TR 11:00-12:30

TEXTILES & CLOTHING
COMPUTR APP TEXTL&C  T C  210  1 CR.
PREREQ: 111, 131; 245 OR CONCURRENT ENROLLMENT
COURSE RESTRICTED TO T C, AMDP MAJORS ONLY.
MATERIALS FEE $35.00-$65.00
5087005  1 T 1:10-3:00
5087010  2 T 3:10-5:00
5087015  3 R 1:10-3:00

PATTERNMAKING I  T C  225  4 CR.
PREREQ: 121, 131, 204, PERMISSION OF INSTRUCTOR
MATERIALS FEE $50.00-$200.00
6607005  1 MWF 8:00-9:50
6607010  2 MWF 10:00-11:50
6607015  3 R 1:10-3:00

PRODUCT DEVELOP&MFG  T C  231  4 CR.
PREREQ: 204
COURSE RESTRICTED TO AMDP, T C MAJORS ONLY.
MATERIALS AND FIELD TRIPS & TRAVEL FEE $0.00-$50.00
6608005  1 MWF 11:00-11:50
6608010  2 MWF 11:00-11:50
6608015  3 MWF 11:00-11:50

AESTHETC&BRAND IMAG  T C  245  3 CR.
PREREQ: 165; 204 OR CONCURRENT ENROLLMENT
6609005  1 MWF 1:10-2:00

MERCHANDISING  T C  275  3 CR.
PREREQ: 111, 131; OR HRI 101, 3 CREDITS IN MATH
MATERIALS AND FIELD TRIPS & TRAVEL FEE $15.00-$20.00
6624005  1 TR 11:00-12:30
6624010  2 TR 11:00-12:30

FASHION ILLUSTRATN  T C  278  3 CR.
PREREQ: 131, 245 OR CONCURRENT ENROLLMENT,
PERMISSION OF INSTRUCTOR
COURSE RESTRICTED TO AMDP MAJORS ONLY.
MATERIALS FEE $30.00-$200.00
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6611005  1 MW 12:10-2:00
6611010  2 MW 2:10-4:00

BASC DSN CONCPT RVW  T C  301  R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 225, 278
MATERIALS AND EQUIPMENT USE FEE $5.00-$30.00
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4420005  1 ARRANGED

TEXTL&AP QUAL ASSUR  T C  305  3 CR.
PREREQ: 231, ONE COURSE IN NATURAL SCIENCE;
STAT 101, 226 OR 401. PERMISSION OF INSTRUCTOR
MATERIALS FEE $75.00-$150.00
6614005  1 MW 10:00-11:50
TEXTILES & CLOTHING

SEM CAREERS & INTERNS T C 311 1 CR.
PREREQ: SOPHOMORE CLASSIFICATION, GOOD ACADEMIC STANDING
MATERIALS AND FIELD TRIPS & TRAVEL FEE $40.00-$60.00
4110005 1 T 4:10-6:00 PM

CPTR INTEGRAT DSIGN T C 321 3 CR.
PREREQ: 210; 278 OR CONCURRENT ENROLLMENT.
PERMISSION OF INSTRUCTOR
MATERIALS FEE $30.00-$200.00
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6605005 MWF 2:10-4:00

CREATV DSIGN PROCES T C 326 3 CR.
PREREQ: 278, 301, 325 OR CONCURRENT ENROLLMENT;
PERMISSION OF INSTRUCTOR
MATERIALS FEE $50.00-$200.00
6619005 1 TR 10:00-12:50
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

DESIGN SEMINAR T C 328X 1-3 CR.
COURSE RESTRICTED TO AMDP, T C MAJORS ONLY.
OFFERED FOR 3 CREDITS SPRING 2009.
MATERIALS AND EQUIPMENT USE FEE $30.00-$200.00
5692005 1 TR 1:10-3:00

APPARL PRODUCTN MGT T C 331 3 CR.
PREREQ: 210, T C 121 RECOMMENDED, 3 CR IN MATH
COURSE RESTRICTED TO AMDP, T C MAJORS ONLY.
EQUIPMENT USE AND FIELD TRIPS & TRAVEL FEE $50.00-$200.00
6618005 1 TR 1:10-3:30

HIST 20TH C FASHION T C 356 3 CR.
PREREQ: 3 CR HIST OR ART H; T C 204 RECOMMENDED
COURSE RESTRICTED TO AMDP MAJORS.
MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00
4473005 1 TR 8:00-9:30

CULTUR PERSPC DRESS T C 362 3 CR.
PREREQ: 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6622005 1A TR 11:00-12:20
SEC 1A RESTRICTED TO T C MAJORS ONLY
6622010 1B TR 11:00-12:20
SEC 1B RESTRICTED TO MAJORS OTHER THAN T C

SOURCNG & GLOBAL ISSU T C 372 3 CR.
PREREQ: 231, 275; ECON 101 OR 102
MEETS INTERNATIONAL PERSPECTIVES REQMT.
8133005 1 MWF 1:10-2:00

MERCH PLAN & CONTROL T C 376 3 CR.
PREREQ: 275; ACCT 284
COURSE RESTRICTED TO AMDP, T C MAJORS ONLY.
MATERIALS FEE $15.00-$20.00
6625005 1 MF 3:10-4:00
6625005 W 3:10-5:00
6625010 2 MF 3:10-4:00
R 2:10-4:00
TEXTILES & CLOTHING

FIELD STUDY  T C  380  2 CR.
PREREQ: 9 CR IN T C, JR CLASSIF, MINIMUM 2.0 GPA, PERMISSION BY APPLICATION
FIELD TRIPS & TRAVEL FEE $100.00-$3,000.00
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

INT'L PRETRIP SEMNR  T C  381A  R CR.
PREREQ: 9 CR IN T C, JUNIOR CLASSIFICATION, MINIMUM 2.0 GPA, PERMISSION BY APPLICATION
8773005  1 T 6:30-8:20PM
ARRANGED

INT'L STUDY TOUR  T C  381B VAR.  CR.
PREREQ: 9 CR IN T C, JUNIOR CLASSIFICATION, MINIMUM 2.0 GPA, PERMISSION BY APPLICATION
8774005  1 ARRANGED

COORDINATED EDUCATN  T C  398  R CR.
PREREQ: PERMISSION OF DEPT CHAIR; JR CLASSIFICATION
1002005  1 ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

HUMAN RESOURCE MGMT  T C  438  3 CR.
PREREQ: AESHM 287 OR T C 275
4486005  1 MWF 2:10-3:00
4486010  2 MWF 2:10-3:00
SEC 1 RESTRICTED TO HRI MAJORS ONLY
SEC 2 RESTRICTED TO T C MAJORS ONLY.

TEXTILE IND EXPERNC  T C  470A  3- 6 CR.
PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 305
*******  SEE DEPT FOR REFERENCE NUMBERS

HIST TEX & CLTH EXP  T C  470B  3- 6 CR.
PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 6 CR FROM 257, 354, OR 362; 3 CREDITS IN ANTHR OR HIST RECOMMENDED
*******  SEE DEPT FOR REFERENCE NUMBERS

TX&APPARL DSIGN EXP  T C  470C  3- 6 CR.
PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 210, 225, 231, 245; 278 RECOMMENDED
*******  SEE DEPT FOR REFERENCE NUMBERS

EXPERNC: ENTREPRENR  T C  470E  3- 6 CR.
*******  SEE DEPT FOR REFERENCE NUMBERS

MERCHANDISING EXPER  T C  470I  3- 6 CR.
PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 275
*******  SEE DEPT FOR REFERENCE NUMBERS

EXTENSION EXPERIENC  T C  470J  3- 6 CR.
PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 6 CREDITS IN T C
*******  SEE DEPT FOR REFERENCE NUMBERS
TEXTILES & CLOTHING

SUPRV EXPERC MUSEUM T C 470M 3- 6 CR.
PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 257
******* SEE DEPT FOR REFERENCE NUMBERS

APPRAL PROD MGT EXP T C 470N 3- 6 CR.
PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 331;
I E 271 RECOMMENDED
******* SEE DEPT FOR REFERENCE NUMBERS

TECHNCL DESGN EXPER T C 470O 3- 6 CR.
PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 231,
225; 305 AND 331 RECOMMENDED
******* SEE DEPT FOR REFERENCE NUMBERS

SUPV EXP QUAL ASSUR T C 470Q 3- 6 CR.
PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 305
******* SEE DEPT FOR REFERENCE NUMBERS

PUBLIC RELATNS EXP T C 470T 3- 6 CR.
PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION;
275 AND ADVRT 230
******* SEE DEPT FOR REFERENCE NUMBERS

EXPERNC:PRODUCT DEV T C 470U 3- 6 CR.
PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 231,
245
******* SEE DEPT FOR REFERENCE NUMBERS

RETAIL INFO ANALYSIS T C 475 3 CR.
PREREQ: 275, 376 OR CONCURRENT ENROLLMENT COURSE RESTRICTED TO AMDP, T C MAJORS ONLY.
MATERIALS FEE $15.00-$20.00
4159005 1 MW 12:10-1:00
R 12:10-2:00
4159010 2 MW 12:10-1:00
F 12:10-2:00

IND STU TEXTILE SCI T C 490A VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST TEXTIL T C 490B VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU TXTL&AP DSN T C 490C VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00
******* SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

IND STU AESTHETICS T C 490D VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU COSTUME HIST T C 490E VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU SOC&PSY T C T C 490F VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU CONSMR BEHV T C 490G VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS T C 490H VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPT CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU MERCHANDSG T C 490I VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU CULTR ANALY T C 490K VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU PRODCTN MGT T C 490N VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU TECH DESGN T C 490O VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU SMALL BUSI T C 490S VAR. CR.
PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
3430026 LN ARRANGED

SENIOR DSIGN STUDIO T C 495 3 CR.
PREREQ: 301,321,325,326, INSTRUCTOR PERMISSION
MATERIALS FEE $50.00-$200.00
3914005 1 TR 3:30-6:30PM
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
TEXTILES & CLOTHING

FASHN FORCAST&PRODC  T C  496      3 CR.
PREREQ: 231, 245, 275
MATERIALS AND FIELD TRIPS & TRAVEL FEE 
$50.00-$100.00
4507005     TR 9:30-10:50

COOPERATIVE EDUCATN  T C  498      R CR.
PREREQ: PERMISSION OF DEPT CHAIR; SR CLASSIFICATION
1003005      ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

UNDERGRAD RESEARCH  T C  499      1- 3 CR.
PREREQ: SENIOR CLASSIFICATION, 15 CREDITS IN T C,
PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR
*******     SEE DEPT FOR REFERENCE NUMBERS

DESIGN SEMINAR  T C  528X      1- 3 CR.
COURSE RESTRICTED TO AMDP, T C MAJORS ONLY.
OFFERED FOR 3 CREDITS SPRING 2009.
MATERIALS AND EQUIPMENT USE FEE 
$30.00-$200.00
5768005     1 TR 1:10-3:00

PRACTCM TXTL&CLOTHG  T C  570      1- 3 CR.
PREREQ: 510, 6 GRAD CREDITS IN T C. PERMISSION
OF INSTRUCTOR
6660005     ARRANGED

INT'L PRETRIP SEMNR  T C  581A     1- 3 CR.
PREREQ: 9 CR IN T C. PERMISSION BY APPLICATN
8775005     1 T 6:30-8:20PM
ARRANGED

INT'L STUDY TOUR  T C  581B     VAR.  CR.
PREREQ: 9 CR IN T C. PERMISSION BY APPLICATN
8776005     1 ARRANGED

SPL TOP TEXTILE SCI  T C  590A     VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST TEXTIL  T C  590B     VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE 
$5.00-$50.00
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN  T C  590C     VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE 
$5.00-$50.00
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC AESTHETICS  T C  590D     VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST COSTUM  T C  590E     VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE 
$5.00-$50.00
*******     SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

SPL TOP SOC-PSY ASP  T C  590F     VAR.  CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSMR BEHV T C 590G VAR. CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANDSNG T C 590I VAR. CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSERVATN T C 590L VAR. CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00
*******     SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS MUSEUMS T C 590M VAR. CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
MATERIALS AND EQUIPMENT USE FEE $5.00-$50.00
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRODUCN MGT T C 590N VAR. CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TECH DESGN T C 590O VAR. CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP T C 590P VAR. CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC QUAL ASSUR T C 590Q VAR. CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SMALL BUSIN T C 590S VAR. CR.
PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
*******     SEE DEPT FOR REFERENCE NUMBERS

SOC SCI THRY APPEAR T C 665 3 CR.
PREREQ: 467 OR 6 CREDITS IN SOC OR PSYCH
6659005  1 MWF 2:10-3:00

ADVANCED TOPICS T C 690 VAR. CR.
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. CR.
*******     SEE DEPT FOR REFERENCE NUMBERS

THEATRE

INTR PERFORMNG ARTS THTRE 106 3 CR.
6729005  A MWF 2:10-3:00 COX J
6729010  B MWF 9:00-9:50 COX J
## THEATRE

### THEATRE AND SOCIETY

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<tr>
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<tr>
<td>1103005</td>
<td>TR 9:30-10:50</td>
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### THE ACTOR'S VOICE

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### CONCERT & THEATRE DANCE

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### THEATRE PRACTICUM

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<td>6732005</td>
<td>M 5:10-6:00PM</td>
<td>SUNDERMAN R</td>
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### ACTING I

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<td>6733005</td>
<td>A MWF 11:00-11:50</td>
<td>HEFFERNAN A</td>
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<tr>
<td>6733010</td>
<td>B TR 11:00-12:20</td>
<td>ZWICK-TAPLEY S</td>
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<td>6733015</td>
<td>C MWF 10:00-10:50</td>
<td>HEFFERNAN A</td>
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### INTR THEATRICAL PROD

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<td>TRENBERTH J</td>
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<td>M 2:10-5:00</td>
<td>TRENBERTH J</td>
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### SCRIPT ANALYSIS

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<tr>
<td>6763005</td>
<td>TR 9:30-10:50</td>
<td>DELL B</td>
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### SPECIAL PROJECTS

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<td>THTRE 290</td>
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<td>ANY CREDITS IN THEATRE; PERMISSION OF INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL</td>
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### CRTV WRT PLAYWRITNG

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### ACTING II

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<td>1 TR 12:40-2:00</td>
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<td>6737010</td>
<td>2 MWF 1:10-2:00</td>
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### MUSICAL THEATRE II

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<td>PREREQ: 255</td>
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<td>SUNDERMAN R</td>
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<td>6742005</td>
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<td>PREREQ: 255</td>
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**Theatre Design II**

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<td>THEATRICAL DESIGN II</td>
<td>3 CR.</td>
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<td>THTRE 456</td>
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<td>THTRE 490</td>
<td>INDEPENDENT STUDY</td>
<td>1-3 CR.</td>
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<td>THTRE 499</td>
<td>THEATRE INTERNSHIP</td>
<td>1-8 CR.</td>
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<td>THTRE 590</td>
<td>SPECIAL TOPICS</td>
<td>1-4 CR.</td>
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**Toxicology**

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TOXICOLOGY

VETERINARY TOXICOLOGY  TOX  526  3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
9010005  MTR  11:00-11:50  OSWEILER G

CLIN & DIAGNOSIS TOXIC  TOX  546  1-3 CR.
PREREQ: DVM DEGREE OR 526
1231005  ARRANGED  OSWEILER G

PESTICIDES IN ENVIR  TOX  550  2 CR.
PREREQ: 9 CREDITS OF BIOLOGICAL SCIENCES
9666005  TR  9:00-9:50

GENERAL PHARMACOLOGY  TOX  554  3 CR.
PREREQ: B M S 549, 552; BBMB 404, 405
4499005  MTF  1:10-2:00

SPECIAL TOPICS  TOX  590  VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED FOOD MICROBIOLOGY  TOX  626  3 CR.
PREREQ: FS HN 420 OR 421 OR 504
6776005  TR  2:10-3:25

GENERAL STUDIES

UNIVERSITY STUDIES

CARVER FRESHMEN SEMINAR  U ST  106  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ACCEPTANCE IN CARVER ACADEMY PROGRAM,
GEORGE WASHINGTON CARVER SCHOLARSHIP RECIPIENT
MEETS U.S. DIVERSITY REQMT.
4173005  1 M 10:00-10:50
4173010  2 T 10:00-10:50
4173015  3 R 10:00-10:50
4173020  4 W 10:00-10:50

MVP SEMINAR  U ST  116  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: RECIPIENT OF THE MVP AWARD; 115 OR
INSTRUCTOR CONSENT
8505005  1 M 11:00-11:50
8505010  2 T 11:00-11:50
8505015  3 W 11:00-11:50
8505020  4 R 11:00-11:50

GENDER JUSTICE  U ST  160  1 CR.
SATISFACTORY-FAIL ONLY.
MEETS U.S. DIVERSITY REQMT.
6493005  1 M 9:00-10:50
   SECT 1: MARCH 9-MAY 8
6493010  2 T 2:10-4:00

TRANSPORTATION

SEMINAR TRANSPORT PLAN  TRANS  691  1-3 CR.
6786005  ARRANGED

RESEARCH  TRANS  699  VAR. CR.
6787005  ARRANGED
UNIVERSITY STUDIES

GENDER JUSTICE  U ST  160  1 CR.
6493025 5 R 2:10-4:00
SECT 5: MARCH 9-MAY 8

SPEAKG FOR INT’L TA  U ST  180A  3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SPEAK/TEACH TESTING. NO MORE THAN ONE
SECTION OF 180 MAY BE TAKEN PER SEMESTER; UP TO TWO
SECTIONS TOTAL.
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
U ST 180A DOES NOT APPLY TOWARD GRADUATION.
3572005 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV SPEAKG INT’L TA  U ST  180C  3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SPEAK/TEACH TESTING. NO MORE THAN ONE
SECTION OF 180 MAY BE TAKEN PER SEMESTER; UP TO TWO
SECTIONS TOTAL.
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
U ST 180C DOES NOT APPLY TOWARD GRADUATION.
3576005 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

PRESNTATNS INT’L TA  U ST  180D  3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: SPEAK/TEACH TESTING. NO MORE THAN ONE
SECTION OF 180 MAY BE TAKEN PER SEMESTER; UP TO TWO
SECTIONS TOTAL.
FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
U ST 180D DOES NOT APPLY TOWARD GRADUATION.
3577005 ARRANGED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

CARVER SEM: PEER MNT  U ST  206  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 106
MEETS U.S. DIVERSITY REQMT.
4184005  1 ARRANGED
4184010  2 ARRANGED

MCNAIR: LIT & METH DOL  U ST  302  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 301
6494005  1 M 6:10-8:00PM

CARVER: CMMUNTY LDRS  U ST  306  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: INTENDED PRIMARILY FOR JUNIORS
4186005  1 ARRANGED

LEADERSHIP SEMINAR  U ST  311  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 111, 115; SELECTION AS LEADER FOR
HIXSON SEMINAR OR MVP SEMINAR
ARRANGED

SECTION 1 FOR HIXON SCHOLARS ONLY.

SECTION 2 FOR MVP SCHOLARS ONLY.
UNIVERSITY STUDIES

MCNAIR: FINAL REPORT  U ST  402  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 401
6495005  1 T 6:10-8:00PM

CARVER SEMN: FELLOWS  U ST  406  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: INTENDED PRIMARILY FOR SENIORS
4231005  1 ARRANGED

INDEPENDENT STUDY  U ST  490  VAR. CR.
PREREQ: PERMISSION OF THE ASSOCIATE PROVOST
PERMISSION OF THE CHAIR OF THE INTERNATIONAL
STUDIES COMMITTEE & ASSOCIATE PROVOST ARE REQUIRED.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******  SEE DEPT FOR REFERENCE NUMBERS

VET DIAGNOSTIC & PRODUCTION AN MED

INTR PROD INFRMTICS  VDPAM  309X  1 CR.
PREREQ: ENROLLMENT IN COLLEGE OF VETERINARY MED
8724005  M 12:10-1:00  HOLTKAMP D

INTR PRODUCTION MED  VDPAM  310  2 CR.
PREREQ: THIRD-YEAR CLASSIFICATION IN VET MED
COURSE RESTRICTED TO COLLEGE OF VET MED
JUNIORS AND SENIORS.
8463005  W 1:10-3:00  KARRIKER L

INT FOOD ANIML CLIN  VDPAM  311  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: VACCINATED FOR RABIES, CLASSIFICATION IN
VET MED COLLEGE
6011005  ARRANGED  KERSTING K

VET IN SOCIETY II  VDPAM  312  1 CR.
PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
1665005  F 9:00-9:50

CLINICAL FNDATION I  VDPAM  340  1 CR.
PREREQ: CLASSIFICATION IN VET MED
4872005  ARRANGED  ENGELKEN T

BASC LVSTK NUTRI&FD  VDPAM  350X  1 CR.
PREREQ: CLASSIFICATION IN VETERINARY MEDICINE
8695005  T 12:10-1:00  SWEIGER S

ADV DAIRY INFORMTCS  VDPAM  402X  1 CR.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2547005  A ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2547010  B ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2547015  C ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2547020  D ARRANGED
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
VET DIAGNOSTIC & PRODUCTION AN MED

CLINCL DECISN MAKNG  VDPAM 407  1 CR.
PREREQ: COLLEGE OF VETERINARY MEDICINE STUDENT
5440005  ARRANGED  RAMIREZ A

PRODUCTN ANIMAL MED  VDPAM 411  4 CR.
2595005  ARRANGED  HOPKINS S

VET PRAC ENTREPRENR  VDPAM 414  3 CR.
7216005  R 5:10-7:00PM  DRAPER D

BOVIN REPROD EV LAB  VDPAM 416  1 CR.
PREREQ: 3RD-YEAR CLASSIFICATION IN VET MED
5110005  A M 1:10-5:00  HOPKINS S
SECT A:JAN 12-MARCH 6
5110010  B W 1:10-5:00  HOPKINS S
SECT B:JAN 12-MARCH 6
5110015  C F 1:10-5:00  HOPKINS S
SECT C:JAN 12-MARCH 6
5110020  D M 1:10-5:00  HOPKINS S
SECT D:MARCH 9-MAY 8
5110025  E W 1:10-5:00  HOPKINS S
SECT E:MARCH 9-MAY 8
5110030  F F 1:10-5:00  HOPKINS S
SECT F:MARCH 9-MAY 8

PRECPTRSP V MED PRA  VDPAM 420  1- 6 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
9072005  ARRANGED  THOMPSON J

VET TOXICOLOGY        VDPAM 426      3 CR.
PREREQ: 3RD-YEAR CLASSIFICATION IN VET MED
6860005   MTR 11:00-11:50        OSWEILER G

BEEF RECORDS ANALYS   VDPAM 436      1 CR.
PREREQ: CLASSIFICATION IN VET MED
COURSE RESTRICTED TO FRESHMAN. COURSE MAY BE ADDED
WITH PERMISSION OF THE INSTRUCTOR.
4535005   MTWRF 8:00-5:00        WEST J

DAIRY HERD PROBL ID   VDPAM 437      2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
6425005   ARRANGED  GORDEN P

MASTITS PROB INVSTG   VDPAM 438      2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
6861005   ARRANGED  GORDEN P

COW&CALF PROB:NUTRI   VDPAM 439      2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
6422005   ARRANGED  GORDEN P

CLINICAL MEDICINE     VDPAM 445      3 CR.
PREREQ: 3RD-YEAR CLASSIFICATION IN VET MED
6865005   MTWRF 9:00-9:50        KERSTING K

CLIN EMBRYO TRANSFR   VDPAM 451      2 CR.
PREREQ: AN 8 333; 4TH YR CLASSIFICATION IN V MED
4334005   MTWRF 8:00-5:00        WEST J

DIAGNOS LAB PRACTCM   VDPAM 455      2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
6876005   ARRANGED  SCHWARTZ K
VET DIAGNOSTIC & PRODUCTION AN MED

VET DIAGN LAB MTHDS  VDPAM 456X  1 CR.
FREREQ: THIRD YEAR CLASSIFICATION IN VET MED
8703005  W 7:00-7:50  SCHWARTZ K

FOOD ANIM FIELD SRV  VDPAM 476X  2 CR.
FREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
OR PERMISSION OF INSTRUCTOR
8725005  MTWRF 8:00-5:00  LEUSCHEN B

FOOD ANIM MED & SURG  VDPAM 477  VAR.  CR.
FREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
6909005  MTWRF 8:00-11:50  KERSTING K
       2:10-5:00  KERSTING K

APPL SWINE PROD MED  VDPAM 479  1- 6 CR.
FREREQ: 310
5454005  ARRANGED  KARRIKER L

SWINE PRODUCTN MED  VDPAM 480  2 CR.
FREREQ: 310
5572005  MTWRF 8:00-11:50  KARRIKER L
       2:10-5:00  KARRIKER L

APP BEEF MD WITH VT  VDPAM 482A  1- 6 CR.
FREREQ: 310
6598005  ARRANGED  ENGELKEN T

APP MED BULL BREEDI  VDPAM 482B  1- 6 CR.
FREREQ: 310
6610005  ARRANGED  ENGELKEN T

APPLIED MED CALVING  VDPAM 482C  1- 6 CR.
FREREQ: 310
6621005  ARRANGED  ENGELKEN T

APP MD BF FEEDL MGT  VDPAM 482D  1- 6 CR.
FREREQ: 310
6629005  ARRANGED  ENGELKEN T

APP MD BF FEEDL MGT  VDPAM 482I  1- 6 CR.
FREREQ: 310
7185005  ARRANGED  SWEIGER S

BEEF PRODUCTION MED  VDPAM 483  2 CR.
FREREQ: 310
5562005  MTWRF 8:00-11:50  SWEIGER S
       2:10-5:00  SWEIGER S

APP DAIRY PRODU MED  VDPAM 485  1- 6 CR.
FREREQ: 484
5431005  ARRANGED  GORDEN P

INTR SM RUM PROD MD  VDPAM 486  1- 2 CR.
FREREQ: CLASSIFICATION IN VET MED
COURSE RESTRICTED TO JUNIORS AND SENIORS IN VET
MED COLLEGE. SOPHMIRES REQUIRE PERMISSION OF
INSTRUCTOR.
4549005  ARRANGED  PLUMMER C

VET DIAGNOSTIC & PRODUCTION AN MED
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<th>Time/Location</th>
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<td>VDPAM 488</td>
<td>Clinic Microbio Lab</td>
<td>1 CR.</td>
<td>Prerequisite: Fourth-Year Classification in Vet Med</td>
<td>6950005</td>
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<tr>
<td>VDPAM 489</td>
<td>Issues Food Safety</td>
<td>1 CR.</td>
<td>Prerequisite: Credit or Enrollment in Fs HN 101 or 272 OR HRI 233; FS HN 419 OR 420; FS HN 403</td>
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<td>VDPAM 490</td>
<td>Independent Study</td>
<td>1-5 CR</td>
<td>Prerequisite: Permission of Department Chair</td>
<td>Arranged</td>
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<td>VDPAM 492</td>
<td>Orienta Int'l Exper</td>
<td>1 CR.</td>
<td>Prerequisite: Classification in Vet Med</td>
<td>6468005</td>
<td>Arranged</td>
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<td>VDPAM 494X</td>
<td>Adv Dairy Prod M II</td>
<td>2 CR.</td>
<td>Prerequisite: 484 or Permission of Instructor Available for Nonmajor Graduate Credit.</td>
<td>1372005</td>
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<td>VDPAM 496</td>
<td>Int'l Preceptorship</td>
<td>1-12 CR</td>
<td>Prerequisite: Second-Year Classification in Vet Med Course Restricted to College of Vet Med Soph and Above.</td>
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<tr>
<td>VDPAM 507</td>
<td>Clincl Decisn Makng</td>
<td>1 CR.</td>
<td>Prerequisite: Vet Med Student or Permission of Instructor</td>
<td>Arranged</td>
<td>Ramirez A</td>
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<tr>
<td>VDPAM 514</td>
<td>Vet Prac Entreprenr</td>
<td>3 CR.</td>
<td>Prerequisite: Graduate Veterinarian</td>
<td>T 7:10-9:00PM R 5:10-7:00PM</td>
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<td>VDPAM 522</td>
<td>Prin of Epidemiology</td>
<td>3 CR.</td>
<td>Prerequisite: Micro 310 or Equivalent</td>
<td>XW Arranged</td>
<td>O'Connor A</td>
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<td>VDPAM 526</td>
<td>Veterinary Toxicology</td>
<td>3 CR.</td>
<td>Prerequisite: Permission of Instructor</td>
<td>6897005</td>
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<td>VDPAM 542A</td>
<td>Intro DNA Techniqs</td>
<td>1 CR.</td>
<td>Satisfactory-Fail Only. Prerequisite: Graduate Classification</td>
<td>7389005</td>
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Note: Sect XW: Jan 13-Feb 5

Delivery Fee $450.00. Section XW is off campus. Delivery is WWW.
VET DIAGNOSTIC & PRODUCTION AN MED

INTR PROTEIN TECHNQ  VDPAM 542B   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7391005  TR 1:10-2:00
7391005  TR 2:10-4:00
FEB 10-MARCH 19

INTRO CELL TECHNIQS  VDPAM 542C   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7400005  TR 1:10-2:00
7400005  TR 2:10-4:00
MARCH 24-APRIL 23

INTR PLNT TRNSFM TQ  VDPAM 542D   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7409005  ARRANGED

CLIN &DIAGNOS TOXIC  VDPAM 546   1- 3 CR.
PREREQ: DVM DEGREE OR 526
7676005  ARRANGED  OSWEILER G

ADV VET DIAGNOS LAB  VDPAM 551   1- 3 CR.
PREREQ: 455
4233005  ARRANGED  OPRIESSNIG T

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

INT'L PRECEPTORSHIP  VDPAM 596   1-12 CR.
PREREQ: ADMISSION TO GRADUATE COLLEGE
7868005  ARRANGED

CREATIVE COMPONENT  VDPAM 599  VAR.  CR.
PREREQ: ENROLLMENT IN NONTHESIS MASTER'S DEGREE
PROGRAM
******  SEE DEPT FOR REFERENCE NUMBERS

ADV SWINE PROD MED  VDPAM 655   1- 4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
6946005  ARRANGED  KARRIKER L

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

VETERINARY CLINICAL SCIENCES

VET IN SOCIETY II  V C S 312   1 CR.
PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
6024005  F 9:00-9:50

VET IN SOCIETY V  V C S 315   1 CR.
PREREQ: THIRD-YEAR CLASSIFICATION IN VET MED
7785005  1 ARRANGED

CLIENT COMMUNICATNS  V C S 331X   1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 1ST YEAR VETERINARY STUDENT OR ABOVE;
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<td>VETERINARY CLINICAL SCIENCES</td>
<td>R CR.</td>
<td>Available for nonmajor graduate credit.</td>
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<td>VCS 391</td>
<td>SEMINAR</td>
<td>1 CR.</td>
<td>Satisfactory-fail only.</td>
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<td>VCS 393</td>
<td>PRINCIP OF SURGERY</td>
<td>3 CR.</td>
<td>Second-year classification in V Med</td>
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<tr>
<td>VCS 394</td>
<td>SURGERY PRINCIP LAB</td>
<td>1 CR.</td>
<td>Second-year classification in Vet Med</td>
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<td>VCS 395</td>
<td>SMALL ANIML SURGERY</td>
<td>2 CR.</td>
<td>Prereq: 394</td>
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<tr>
<td>VCS 398</td>
<td>ANESTHESIOLOGY</td>
<td>1 CR.</td>
<td>Prereq: second-year classification in V Med</td>
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<tr>
<td>VCS 399</td>
<td>OPTHALMOLOGY</td>
<td>1 CR.</td>
<td>Third-year classification in Vet Med</td>
</tr>
<tr>
<td>VCS 401</td>
<td>ADV SMALL AN ORTHOP</td>
<td>1 CR.</td>
<td>Third or fourth-year classification in V Med</td>
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<tr>
<td>VCS 414</td>
<td>COMPANION ANUTRI</td>
<td>1 CR.</td>
<td>Prereq: third or fourth-year classification in V Med</td>
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<tr>
<td>VCS 419</td>
<td>PRECEPTOR COMPAN/EQ</td>
<td>2-6 CR.</td>
<td>Prereq: fourth-year classification in V Med,</td>
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<td>VCS 443</td>
<td>EQUINE LAMENESS</td>
<td>2 CR.</td>
<td>Prereq: 2nd or 3rd year classification in V Med</td>
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<tr>
<td>VCS 445</td>
<td>EQUINE MEDICINE</td>
<td>2 CR.</td>
<td>Prereq: third-year classification in V Med</td>
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VETERINARY CLINICAL SCIENCES

CLINICAL NEUROLOGY V C S 446 2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
5120005 MTWRF 8:00-5:00

DIAGNO IMAG & RADIOBI V C S 448 3 CR.
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 CR.
PREREQ: 449
MATERIALS AND EQUIPMENT USE FEE $150.00
5369005 A W 11:00-11:50
M 1:10-5:00
SECT A: MARCH 9-MAY 8

ADV TRADIT SURG LAB V C S 451B 2 CR.
PREREQ: 449
7005005 A W 11:00-11:50
M 1:10-5:00
SECT A: JAN 12-MARCH 6
7005010 B W 11:00-11:50
F 1:10-5:00
SECT B: JAN 12-MARCH 6

CLINICL DERMATOLOGY V C S 452 2 CR.
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 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6889005 MTWRFS 8:00-5:00

SMALL ANIMAL MED II V C S 454 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6890005 MTWRFS 8:00-5:00

SM AN SOFT TISS SUR V C S 455 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6891005 MTWRFS 8:00-5:00

SM AN ORTHOPED SURG V C S 456 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6892005 MTWRFS 8:00-5:00

EQUINE MEDICINE V C S 457 4 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6893005 MTWRFS 8:00-11:50
MTWR 2:10-5:00

EQUINE SURGERY V C S 458 4 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6894005 MTWRFS 8:00-11:50
MTWR 2:10-5:00

SM AN OVERPOP OMAHA V C S 459A 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
4050005 MTWRF 8:00-5:00
OMAHA
VETERINARY CLINICAL SCIENCES

SM AN OVERPOPPU D.M. V C S 459B 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
4107005 MTWRF 8:00-5:00
DES MOINES

SM AN OVERPOPPU K.C. V C S 459C 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
4313005 ARRANGED
KANSAS CITY

RADIOLOGY V C S 460 3 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6896005 MTWRF 8:00-5:00

COMMUNITY PRACTICE V C S 463 2 CR.
PREREQ: FOURTH YEAR CLASSIFICATION IN VET MED
2322005 MTWRF 8:00-5:00

EQUINE FIELD SERVIC V C S 464 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
4247005 MTWRF 8:00-5:00

FARRIER V C S 465 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED, 457, 458
7756005 MTWRF 8:00-5:00

VET ANESTHESIOLOGY V C S 466 3 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6898005 MTWRF 8:00-5:00

INTENSIVE CARE V C S 468 4 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6900005 ARRANGED

OPHTHALMOLOGY V C S 469 2 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6901005 MTWRF 8:00-5:00

RADIOLOGY V C S 470 VAR. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED, 460 RECOMMENDED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS

EQUINE REPRODUCTION V C S 471E VAR. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN VET MED
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. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN VET MED
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. CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS
## VETERINARY CLINICAL SCIENCES

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<th>Course Description</th>
<th>Credits</th>
<th>Prerequisites</th>
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<td>VCS 473O</td>
<td>SML ANIM SURG ORTHO</td>
<td>1 CR.</td>
<td>Permission of instructor required; process approved add slip in 2270A VET MED</td>
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<td>VCS 473S</td>
<td>SML AN SURG SOFT TISS</td>
<td>1 CR.</td>
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<td>VCS 474M VAR.</td>
<td>EQUINE MEDICINE</td>
<td>1-3 CR.</td>
<td>Prerequisite: Fourth-year classification in V Med. Permission of instructor required; process approved add slip in 2270A VET MED</td>
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<td>VCS 474S VAR.</td>
<td>EQUINE SURGERY</td>
<td>1-3 CR.</td>
<td>Prerequisite: Fourth-year classification in V Med. Permission of instructor required; process approved add slip in 2270A VET MED</td>
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<td>VCS 476</td>
<td>VET ANESTHESIOLOGY</td>
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<td>Prerequisite: Fourth-year classification in V Med. Permission of instructor required; process approved add slip in 2270A VET MED</td>
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<td>VCS 479</td>
<td>OPHTHALMOLOGY</td>
<td>2 CR.</td>
<td>Prerequisite: Fourth-year classification in V Med, VCS 469. Permission of instructor required; process approved add slip in 2270A VET MED</td>
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<td>VCS 483O</td>
<td>ADV SM AN ORTHO SUR</td>
<td>2 CR.</td>
<td>Prerequisite: VM4 classification and VCS 473. Course restricted to Vet Med seniors. 2972005 ARRANGED</td>
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<tr>
<td>VCS 483S</td>
<td>ADV SM AN SOFT SURG</td>
<td>2 CR.</td>
<td>Prerequisite: VM4 classification and VCS 473. Course restricted to Vet Med seniors. 3076005 ARRANGED</td>
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<td>VCS 490</td>
<td>INDEPENDENT STUDY</td>
<td>1-5 CR.</td>
<td>Prerequisite: Permission of instructor. Permission of chair. Course restricted to Vet Med seniors.</td>
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<td>VCS 490H</td>
<td>INDEP STUDY HONORS</td>
<td>1-5 CR.</td>
<td>Prerequisite: Permission of instructor and chair. Course restricted to University Honors students only.</td>
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<td>VCS 492</td>
<td>ORIENTN INT'L EXPER</td>
<td>1 CR.</td>
<td>Prerequisite: Classification in Vet Med. 6148005 ARRANGED</td>
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SATISFACTORY-FAIL ONLY.  
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED  
6914005   F 8:00-8:50

INT’L PRECEPTORSHIP  V C S 496  1-12 CR.  
PREREQ: SECOND-YEAR CLASSIFICATION IN VET MED  
6094005   ARRANGED

SPL TOPICS MEDICINE  V C S 590A  1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
INSTRUCTOR PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******   SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY  V C S 590B  1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
INSTRUCTOR PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******   SEE DEPT FOR REFERENCE NUMBERS

SPL TOP THERIOGENOL  V C S 590C  1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
INSTRUCTOR PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******   SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RADIOL  V C S 590D  1-3 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
INSTRUCTOR PERMISSION REQUIRED; PROCESS  
APPROVED ADD SLIP IN 10 ALUMNI HALL  
*******   SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  V C S 599  VAR. CR.  
PREREQ: ENROLLMENT IN NONTHESIS MASTERS PROGRAM  
6920005 ARRANGED

SEMINAR  V C S 604  1 CR.  
6921005 ARRANGED

ADV SPECIAL SURGERY  V C S 672  2 CR.  
PREREQ: PERMISSION OF INSTRUCTOR  
6926005 ARRANGED

RESEARCH MEDICINE  V C S 699A VAR. CR.  
*******   SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY  V C S 699B VAR. CR.  
*******   SEE DEPT FOR REFERENCE NUMBERS

RSRCH THERIOGENOLGY  V C S 699C VAR. CR.  
*******   SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLGY  V C S 699E VAR. CR.  
*******   SEE DEPT FOR REFERENCE NUMBERS
VETERINARY MICROBIOLOGY & PREV MED

CASE STUDY IV  V MPM 378  2 CR.
PREREQ: 2ND-YEAR CLASSIFICATION IN VET MED
6744005  TR 1:10-3:00

VETERINARY IMMUNOLGY  V MPM 380  2 CR.
PREREQ: FIRST-YEAR CLASSIFICATION IN V MED
6941010  WF 11:00-11:50

VETERINARY VIROLOGY  V MPM 387  3 CR.
PREREQ: SECOND-YEAR CLASSIFICATION IN V MED
6943010  TWR 10:00-10:50

PUBLIC HEALTH&VT PRO  V MPM 388  3 CR.
PREREQ: SECOND-YEAR CLASSIFICATION IN V MED
6944005  TR 11:00-11:50
M 1:10-2:00

TOPICS VET HISTORY  V MPM 390  1 CR.
7244005  1 MW 12:10-1:00
SECT 1:MARCH 9-MAY 8

INFEC DIS&PREVN MED  V MPM 437  3 CR.
PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
6949005  MTR 8:00-8:50

PUBLIC HEALTH LAB  V MPM 486  1 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
6951005  MTWRF 2:10-5:00

INDEPENDENT STUDY  V MPM 490  VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
*******  SEE DEPT FOR REFERENCE NUMBERS

ZOO PRECEPTORSHIP  V MPM 494  1- 8 CR.
PREREQ: FOURTH YEAR CLASSIFICATION IN V MED
*******  SEE DEPT FOR REFERENCE NUMBERS

PRIN OF EPIDEMIOLOGY  V MPM 522  3 CR.
PREREQ: MICRO 310 OR EQUIVALENT
6957600  XW ARRANGED
SECT XW:JAN 12-MAY 8
SECTION XW IS OFF CAMPUS.

LIVESTK IMMUNOGENET  V MPM 540  2 CR.
PREREQ: AN S 561 OR MICRO 575 OR V MPM 520
6745005  1 ARRANGED  LAMONT S

INTRO DNA TECHNIQS  V MPM 542A  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
4278005  TR 1:10-2:00
TR 2:10-4:00
JAN 13-FEB 5

INTR PROTEIN TECHNQ  V MPM 542B  1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
4372005  TR 1:10-2:00
TR 2:10-4:00
FEB 10-MARCH 19
INTRO CELL TECHNIQS  V MPM 542C     1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
4280005     TR 1:10-2:00
TR 2:10-4:00
MARCH 24-APRIL 23

INTR PLNT TRNSFM TQ  V MPM 542D     1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
4337005     TR 1:10-2:00
TR 2:10-4:00
MARCH 24-APRIL 23

PRO PRACTC RESEARCH  V MPM 565A     .5 CR.
PREREQ: GRADUATE CLASSIFICATION
4764005     1 T 12:10-1:00
4764010     2 ARRANGED

PRO PRAC INTEL PROP  V MPM 565B     .5 CR.
PREREQ: GRADUATE CLASSIFICATION
4766005     ARRANGED

IMMUNOLOGY  V MPM 575     3 CR.
PREREQ: 310
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

ANIMAL VIROLOGY  V MPM 587     4 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7951005     ARRANGED

ANIMAL VIROLOGY LAB  V MPM 587L     1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7950005     ARRANGED

SPECIAL TOPICS  V MPM 590     1-5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  V MPM 599     VAR. CR.
PREREQ: NONTHESIS M.S. OPTION ONLY
7307005     ARRANGED
7307115     ET ARRANGED

MECHNSM BACT PATHOG  V MPM 625     4 CR.
PREREQ: CR IN BIOCHEMISTRY AND MICROBIOLOGY
6963005     ARRANGED

PTHGN PERSIST INFEC  V MPM 660     2 CR.
PREREQ: PERMISSION OF INSTRUCTOR
4256005     ARRANGED

CURR TOPICS IMMUNOL  V MPM 690A     1-3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
*******     SEE DEPT FOR REFERENCE NUMBERS
VETERINARY MICROBIOLOGY & PREV MED

CURR TOP INFECT DIS  V MPM 690B  1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
******* SEE DEPT FOR REFERENCE NUMBERS

SEMN MOLEC,C,DV BIO  V MPM 698  1- 2 CR.
COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2009.
7082005  M 3:10-5:00

RESEARCH  V MPM 699 VAR. CR.
******* SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY

ANATOMC PATHOLOGY I  V PTH 342  3 CR.
PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
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
7445010  2 M 1:10-2:00 MYERS R
F 8:00-8:50 MYERS R
W 3:10-5:00 MYERS R

INTR VET CYTOL&TCNQ  V PTH 409  1 CR.
PREREQ: 2ND OR 3RD YEAR CLASSIFICATION IN V MED
COURSE RESTRICTED TO VET MED JUNIORS ONLY.
8991005  1 R 8:00-8:50 ANDREASEN C
8991010  2 R 9:00-9:50 ANDREASEN C

LLAMA MEDICINE  V PTH 410  1 CR.
PREREQ: 2ND OR 3RD YEAR CLASSIFICATION IN V MED
4362005  T 5:30-7:30PM JARVINEN J
JAN 12-MARCH 6

CLINICAL PATHOLOGY  V PTH 425  3- 4 CR.
PREREQ: 372
COURSE OFFERED FOR 4 CREDITS SPRING 2009.
7004005  MF 10:00-10:50 BENDER H
TWR 10:00-10:50 BENDER H
R 11:00-11:50 BENDER H

NECROPSY LAB PRACT  V PTH 456  1 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
7007005  MWF 1:10-5:00 FALES-WILLIAMS A
S 10:00-11:50 FALES-WILLIAMS A

CLIN PATH LAB PRACT  V PTH 457  1 CR.
PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
7008005  MWF 8:00-11:50 ANDREASEN C

INDEPENDENT STUDY  V PTH 490 VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR & DEPT CHAIR
PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
APPROVED ADD SLIP IN 2270A VET MED
******* SEE DEPT FOR REFERENCE NUMBERS

ANATOMC PATHOLOGY I  V PTH 542  3 CR.
PREREQ: GRAD CLASSIFICATION & BIOL 352 OR EQUIV FOR
GRAD CREDIT, PERMISSION OF INSTRUCTOR
COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
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<td><strong>SURGICAL PATHOL LAB</strong></td>
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<td>PREREQ: PERMISSION OF INSTRUCTOR</td>
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<td>SEE DEPT FOR REFERENCE NUMBERS</td>
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<td><strong>CRTV CMP VET PATHOL</strong></td>
<td>V PTH 599A VAR.</td>
<td>CR.</td>
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VETERINARY PATHOLOGY

CRTV CMP VET TOXICO V PTH 599C VAR. CR.
******** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP V CLIN PTH V PTH 599D VAR. CR.
******** SEE DEPT FOR REFERENCE NUMBERS

PATHOL CASE SEMINAR V PTH 604 1-2 CR.
SATISFACTORY-FAIL ONLY.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7027005 R 12:10-1:00

CURR TOPICS SEMINAR V PTH 605 1 CR.
******** SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CR.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7029005 ARRANGED ACKERMANN M

DIAG INTERP V PARAS V PTH 606B R CR.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7030005 ARRANGED JARVINEN J

DIAG INTERP VET TOX V PTH 606C R CR.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5787005 ARRANGED OSWEILER G

DIAG INTERP CLINPTH V PTH 606D R CR.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9694005 ARRANGED ANDREASEN C

CELL&MOLEC PATHOL I V PTH 655 3 CR.
PREREQ: GRAD COURSE IN BIOCHEM, GENETICS OR
CELL BIOLOGY
7040005 T 9:00-10:50 ACKERMANN M
R 9:00-9:50 ACKERMANN M

PTHGN PERSIST INFEC V PTH 660 2 CR.
PREREQ: PERMISSION OF INSTRUCTOR
7044005 ARRANGED JONES D

VET PATHOLOGY RSRCH V PTH 699A VAR. CR.
******** SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLGY RSRCH V PTH 699B VAR. CR.
******** SEE DEPT FOR REFERENCE NUMBERS

VET TOXICOLGY RSRCH V PTH 699C VAR. CR.
******** SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CR.
******** SEE DEPT FOR REFERENCE NUMBERS

WOMEN'S STUDIES

INTRO WOMEN'S STUDI WS 201 3 CR.
COURSE RESTRICTED TO FRESHMEN AND SOPHOMORES.
MEETS U.S. DIVERSITY REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

7058005   A M 2:10-3:00
           WF 2:10-3:00

WOMEN'S STUDIES

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<td>WF 3:10-4:00</td>
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HONORS INTR WMN STU  W S  201H  3 CR.
MEETS U.S. DIVERSITY REQMT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

8447005     TR 12:40-2:00

INTRO LESBIAN STUDI   W S   203    3 CR.
PREREQ: CREDIT IN OR EXEMPTION FROM ENGL 104
MEETS U.S. DIVERSITY REQMT.

2184005     TR 11:00-12:20

WOMEN &GENDER INT'L   W S   301    3 CR.
PREREQ: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

7060005     TR 2:10-3:30

ISSU WMN HLTH&REPRO   W S   302    3 CR.
PREREQ: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
MEETS U.S. DIVERSITY REQMT.

8626005     MWF 11:00-11:50

CREAT WRITING FICTN   W S   304    3 CR.
PREREQ: ENGL 250, NOT OPEN TO FRESHMEN

6463005   A TR 11:00-12:20   ZIMMERMAN D
6463010   B TR 12:40-2:00    HAAS B
6463015   C TR 9:30-10:50    PERCY B

WOMEN AND WORK        W S   310X    3 CR.
PREREQ: 201
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

8851005     ARRANGED

GENDER & COMMUNICTN  W S   323    3 CR.
PREREQ: SP CM 212
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3533005   A TR 9:30-10:50
3533010   B TR 11:00-12:20
3533015   C TR 12:40-2:00

SEX&GENDER IN SOCIE   W S   327    3 CR.
PREREQ: SOC 130 OR 134
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.
<table>
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<td>A2</td>
<td>MWF</td>
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WOMEN'S STUDIES

MASCUINITY & MANHOOD  W S  328   3 CR.
PREREQ: SOC 130, 134, OR W S 201
MEETS U.S. DIVERSITY REQMT.
5672005  A1 TR 11:00-12:20
  SEC A1 RESTRICTED TO SOC & W S MAJORS ONLY
5672010  A2 TR 11:00-12:20
  SEC A2 FOR MAJORS OTHER THAN SOC & W S

WOMEN IN LEADERSHIP  W S  333X   3 CR.
PREREQ: LAS 222X OR W S 201 OR 3 CREDITS IN W S
8842005  TR 12:40-2:00

WOMEN & LIT TOPICS   W S   345      3 CR.
PREREQ: ENGL 250
TOPIC: MULTICULTURAL WOMEN WRITERS
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7063005  A1 TR 12:40-2:00  HICKOK K
  SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
7063010  A2 TR 12:40-2:00  HICKOK K
  SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

PSYCHOLOGY OF WOMEN  W S   346   3 CR.
PREREQ: 2 COURSES IN PSYCH INCLUDING PSYCH 101
MEETS U.S. DIVERSITY REQMT.
7064005  A1 TR 12:40-2:00  SCHEEL K
  SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
7064010  A2 TR 12:40-2:00  SCHEEL K
  SEC A2 FOR MAJORS OTHER THAN PSYCH

AFRICAN AMERI WOMEN  W S   350   3 CR.
PREREQ: 201 OR AF AM 201 OR 3 CR IN W S OR AFRICAN AMER STUDIES AT THE 300 LEVEL OR ABOVE
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2569005  M 3:30-6:20PM

RUS STU ENGL TRANSL  W S   370R     3 CR.
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6794005  TR 12:40-2:00

WMN ANC ROMAN WORLD  W S   374B   3 CR.
PREREQ: ANY ONE COURSE IN CL ST, W S, LATIN, OR GREEK
MATERIALS AND EQUIPMENT USE FEE $25.00
MEETS INTERNATIONAL PERSPECTIVES REQMT.
2378005  MWF 1:10-2:00

FMNST RES IN ACTION    W S   402   3 CR.
PREREQ: 201, 301
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5674005  T 3:30-6:00PM

TOPICS WOMEN'S STDI  W S   450   3 CR.
PREREQ: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
TOPIC: WOMEN, SOCIAL CLASS AND SOCIAL POLICY.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8910005  W 2:10-4:40
WOMEN'S STUDIES

INDEPENDENT STUDY   W S  490   1-3 CR.
PREREQ: Any two courses in W S, permission of
instructor, consultation with W S program director
No more than 6 credits of W S 490 may be
applied toward requirements for the W S major
Department permission required 1st week; process
Approved add slip in 10 Alumni Hall
*******      See dept for reference numbers

SENIOR INTERNSHIP   W S  491   3 CR.
PREREQ: Senior classification
No more than 6 credits of W S 491 may be
applied toward graduation
4097005       Arranged

SENIOR THESIS        W S  499   3 CR.
PREREQ: Senior classification
*******      See dept for reference numbers

TOPICS WOMEN'S STDI   W S  550   3 CR.
PREREQ: 201 or 3 CR in W S at 300-level or above
Topic: Women, social class and social
policy.
8524005       W 2:10-4:40

SPECIAL TOPICS       W S  590   VAR.  CR.
PREREQ: Permission of Women's Studies Prog Director
Department permission required 1st week; process
Approved add slip in 10 Alumni Hall
*******      See dept for reference numbers

ADV SEM FM RES MTHD   W S  620   3 CR.
1169005       T 3:30-6:00PM

WORLD LANGUAGES AND CULTURES

STDT TCH FOREN LANG   WLC  417G VAR.  CR.
PREREQ: Admission to teacher education, approval
of coordinator during semester before student
teaching
Restricted to students with full admission to the
University teacher education program.
Professional support and field trips &
travel fee $20.50-$328.00
8139005       1 Arranged
  Sect 1: Jan 12-April 24
  Sec 1 offered for 14 credits
8139010       2 Arranged
  Sect 2: Jan 26-May 8
  Sec 2 offered for 12 credits
8139015       3 Arranged
  Sec 3 offered for 8 credits.
  Instructor permission required; process
  Approved add slip in 10 Alumni Hall