Spring Semester 2014

Classes Begin January 13
University Holiday January 20
Spring Break March 17-21
Final Exams May 5-May 9
Commencement May 10 (undergraduate)

Registration Start Dates for Spring 2014
Veterinary Medicine students: Wednesday, October 23
Graduate students: Wednesday, October 23-Friday October 25
All seniors: Thursday, October 24-Wednesday, October 30
Projected juniors: Thursday, October 31-Wednesday, November 6
Projected sophomores: Thursday, November 7-Wednesday, November 13
Continuing freshmen: Thursday, November 14-Wednesday, 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, Deadlines, Information**

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

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

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

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

**Fee Payment Deadlines**
Fee payment deadlines for Spring 2014 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 shown on AccessPlus class schedules on Monday, December 2. To find a map of class room locations go to the ISU index under Classroom abbreviations.

**Schedule Changes**
Schedule changes may be made using AccessPlus Registration through Friday, January 17. For additional schedule change deadlines and information go to the ISU index under Schedule Changes.

**Student Answer Center**
Have a question and not sure where to go for the answer? Contact the Student Answer Center, Ground Floor, Beardshear. The Answer Center is open, Monday-Friday, 8 a.m.-5 p.m. or e-mail: answercenter@iastate.edu.
Jan. 1, Wed. • University holiday—offices closed
Jan 2, Thurs. • University bills with Spring 2014 tuition and fees charges available on AccessPlus http://accessplus.iastate.edu
Jan 10, Fri. • Last day to initiate registration in person without a late registration fee in the Registrar’s Student Scheduling Office, 10 Enrollment Services Center by 5 p.m. Registration may be initiated using AccessPlus until 11 p.m. Jan. 12, without a late registration fee.
• 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. 12.
Jan. 12, Sun • Last day to initiate registration for spring through AccessPlus without a late registration fee. Registration must be completed by 11 p.m.
• Last day to cancel registration on AccessPlus for spring to avoid tuition assessment. All courses must be dropped on AccessPlus by 11 p.m.
Jan. 13, Mon. • Class work begins.
• Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center.
Jan. 17, Fri. • Last day to process most schedule changes without a fee or to add/drop a course without signatures of instructor and adviser (full-semester courses and first half-semester courses).
• Last day to drop full-semester or first half-semester courses without the drop appearing on the permanent record or counting toward the limit of dropped courses.
• Last day to process a schedule change for spring through AccessPlus registration.
• Last day to initiate registration through AccessPlus. A late registration fee applies.
• Last day to change a full-semester course from credit to audit basis.
• Graduate College applications for graduation for Spring 2014 are due in the Graduate College, 1137 Pearson Hall.
Jan. 18, Sat. • Last day to return textbooks for refund to University Book Store. Exclusions apply. See www.isubookstore.com for details.
Jan. 20, Mon. • University holiday—offices closed, classes recessed.
• Fee payment deadline for spring. First payment (minimum due) or payment in full.
Jan. 27, Mon. • Last day to change a full-semester or first half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation.
• Last day to elect to audit a full-semester course for spring. The instructor of the course must approve an audit.
Jan. 28, Tues. • Fall Semester 2014 Schedule of Classes proof copy due in Registrar’s Office, with or without changes
Feb. 14, Fri. • Last day to drop a first half-semester course without extenuating circumstances.
• Last day to change a first half-semester course to or from Pass/Not Pass. Courses changed to graded basis after Jan. 27 count toward total allowable P/NP credits used for graduation.
• Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat.
Feb. 18, Tues. • Last day to change degree audit information for spring.
Feb. 20, Thurs. • Fee payment deadline, spring. Second payment (minimum due).
Feb. 22, Sat • Schedule of Classes for Fall 2014 available for viewing on the Web at http://classes.iastate.edu/
Feb. 25, Tues. • Registration Authorization Cards for Summer 2014 and Fall 2014 registration distributed to colleges, if applicable.
March 3, Mon. • Deadline for submitting approved, new experimental course announcement forms (with all signatures) for Summer 2014 to the Registrar’s Student Scheduling Office, 10 Enrollment Services Center.
• Textbook & Supply requisitions for summer classes due to University Bookstore.
March 7, Fri. 2:16 p.m • Midterm grade reports due from all departments on WebCT, Blackboard and AccessPlus.
March 7, Fri. • First half-semester courses end.
March 10, Mon. • Second half-semester courses begin.
• Advising period for Summer and Fall 2014 registration begins.
March 14, Fri. • Last day to process most schedule changes in a second half-semester course without a fee or to add/drop a second half-semester course without signatures of instructor and adviser.
• Last day to drop a second half-semester course without the drop appearing on the permanent record or counting toward the limit of dropped courses.
• Last day to change a second half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation.
• Seniors graduating Summer 2014 or Fall 2014 should submit a Graduation Application to the Registrar’s Graduation Office, 210 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar’s Graduation Office, 210 Enrollment Services Center, or via www.iastate.edu/~registrar/graduation
March 17-21, Mon.-Fri. • Spring break, classes recessed.
• Fee payment deadline, spring semester. Final payment due.
• Last day for departments to make Summer or Fall 2014 course offering changes before registration begins (Room Scheduling must approve course limits of 35 and greater).
March 24, Mon. • Registration period for Summer 2014 and Fall 2014 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.
• First day of assigned Summer 2014 and Fall 2014 registration dates for students in the College of Veterinary Medicine and students in the Graduate College. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

March 25 Tues. • First day of assigned Summer 2014 and Fall 2014 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

March 28 Fri. • Last day to add/drop full-semester courses or withdraw without extenuating circumstances.
• Last day to change a full-semester course to or from Pass/Not Pass. Courses changed to graded basis after Jan. 27 count toward total allowable P/NP credits used for graduation.
• 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.
• Last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee.

March 31, Mon. • Preliminary room assignments for Summer 2014 distributed to departments from Room Scheduling.

April 1 Tues • First day of assigned Summer 2014 and Fall 2014 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

April 7, Mon. • Textbook & Supply requisitions for fall classes due to University Bookstore.

April 8, Tues. • First day of assigned Summer 2014 and Fall 2014 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

April 10 Thurs. • Preliminary room assignments for Summer 2013, with changes, due back to Room Scheduling from departments.

April 15, Tues. • First day of assigned Summer 2014 and Fall 2013 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday.

April 18, Fri. • Last day to add/drop a second half-semester course without extenuating circumstances.
• Last day to change a second half-semester course to or from Pass/Not Pass. Courses changed to graded basis after March 9 count toward total allowable P/NP credits used for graduation.
• Graduate College: last day for final oral examinations.
• Deadline for Summer 2014, 12-week and Session I course cancellations due to low enrollment.

April 21, Mon. • Last day of assigned registration start dates for Summer 2014 and Fall 2014 registration.
• Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation.
• Graduate College: last day for final submission of graduate student graduation approval slip.

April 24, Thurs. • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.

April 26, Sat., • Summer 2014 course enrollment tally by college and year printed for departmental distribution.
• Room assignments for Summer 2014 courses displayed in the online Schedule of Classes.

April 30, Wed • End of term textbook buyback begins at University Bookstore.

May 1, Thurs. • University bills with Summer 2014 tuition and fees charges available on AccessPlus at http://accessplus.iastate.edu

May 5-May 9, Mon.-Fri. • Final examinations.

May 9, Fri. • Spring semester ends.
• Graduate College applications for graduation for Summer 2014 are due in the Graduate College, 1137 Pearson Hall.
• Graduate College Commencement: www.iastate.edu/~registrar/graduation
• Undergraduate applications for graduation for Summer 2014 and Fall 2014 are due in the Registrar’s Graduation Office, 210 Enrollment Services Center.
• Fall 2014 course enrollment tally by college and year printed for departmental distribution.

May 10, Sat. • Undergraduate Commencement: www.iastate.edu/~registrar/graduation

May 12, Mon. • Registration Authorization information available for new Fall 2014 freshmen or distributed to Colleges, if applicable.

May 14, Wed., 2:15 p.m • Final grades due on WebCT, Blackboard and AccessPlus.

May 15, Thurs. • Grade reports available on AccessPlus.
Resources

Admissions www.admissions.iastate.edu
General Information .......................................................... 100 Enrollment Services Center ......................................... (515)294-5836

College Student Services Offices
Agriculture and Life Sciences ............................................. 20 Curtiss ................................................................. 294-2766
Business ............................................................................. 1200 Gerdin ................................................................. 294-8430
Design ............................................................................... 297 College of Design ....................................................... 294-6983
Engineering .......................................................................... 110 Marston ................................................................. 294-3900
Graduate College ............................................................... 1137 Pearson ................................................................. 294-4531
Human Sciences ................................................................... 0131 MacKay ................................................................. 294-6466
Liberal Arts and Sciences ................................................... 102 Carrie Chapman Catt Hall ........................................... 294-1522
Veterinary Medicine .......................................................... 2540 Veterinary Medicine .................................................. 294-0772

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

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

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

Registration Hold Contacts
Accounts Receivables Office .................................................. 0880 Beardshear ............................................................... 294-7388
Admissions ................................................................. 100 Enrollment Services Center ........................................... 294-5836
Dean of Students Office ...................................................... 1010 Student Services Building ............................................ 294-1021
Graduate College ............................................................... 1137 Pearson ................................................................. 294-4531
International Students and Scholars ................................... 3248 Memorial Union ........................................................ 294-1120
Loans Receivable ............................................................. 0880 Beardshear ............................................................... 294-8747
Memorial Union ............................................................... 214 Memorial Union ........................................................... 294-0933
Multicultural Student Affairs ............................................... 2080 Student Services Building, ......................................... 294-6338
Registrar Student Scheduling ............................................. 10 Enrollment Services Center ........................................... 294-2331
Student Health .................................................................. 214 Memorial Union ........................................................... 294-5801

Student Answer Center www.answer.iastate.edu/
Student Answer Center ....................................................... Ground Floor Beardshear ....................................................... 294-4469
Admission

New Students

Prospective students should contact the Office of Admissions for information concerning admission procedures. Refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2013-2014 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.

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.

Graduate Students

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

Nondegree Students

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

Undergraduate students, both nondegree and degree seeking:

Reentering Students

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.
**International Students**

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

**Academically Dismissed**

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

**Approving Reentry**

All reentry forms should be submitted to the Office of the Registrar, Tuition and Fees area, 0460 Beardshear Hall; or faxed to 515-294-6773 well in advance of the beginning of the term for which reentry is sought. The Office of the Registrar will process the form, or refer the reentry form to the college to which a student plans to return if the student (a) desires to change curriculum; (b) has a previous Iowa State University cumulative grade point average below 2.00 or had a last term average below 2.00; (c) was dropped from Iowa State for unsatisfactory academic progress or was not otherwise in good standing; or (d) since leaving Iowa State, has completed additional college study with less than a 2.00 grade point average. Once approved, they will receive a letter from the Office of the Registrar with information about registration.

**How to Register**

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

**Returning Students**

**Undergraduate and Nondegree Students**

Non-international undergraduate and non-degree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, may contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.

**Academically Dismissed**

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

**Graduate Students**

All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their major professor to discuss course selection. International graduate students must file a student financial statement for visa purposes. The form is available from International Students and Scholars, 252 Memorial Union, 515-294-1120, or e-mail: intlserv@iastate.edu.
Registration

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

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

To register, follow these steps:

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

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

3. Students should review their registration start date/time information and any registration hold information on AccessPlus, under Current Information. Students must resolve holds on their registration in order to register for classes.

4. Register for courses using the AccessPlus registration system. Room locations for courses will be available on AccessPlus beginning Monday, December 2.

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 2014 is Sunday, January 12th or the Student Scheduling Office in 10 Enrollment Services Center for Spring 2014 is Friday, January 10. 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 10, of intent to cancel registration, or drop all classes on AccessPlus by 11 p.m Sunday, January 12 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 courses.
Schedule of Classes

http://classes.iastate.edu/

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

Schedule Planner

http://planner.iastate.edu/

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

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

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

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

**R-Credit Courses (required courses)**

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

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

**Drop Limit**

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

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

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

**Validating Enrollment**

To validate their enrollment in each course at the beginning of the semester, students must attend the first or second meeting (first meeting if the class meets only once a week). Students who add a course after the term begins must attend the next class meeting. The instructor has the option to offer a registered place in the course to another student when a registered student fails to attend and has not obtained prior approval of the instructor. Students who do not validate their enrollment must drop the course or they will receive an F grade.
Spring 2014 Fee Schedule

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

Tuition Schedule Per Semester
In effect for Spring 2014. Subject to change without notice. For the lastest rates go to: http://www.registrar.iastate.edu/fees/.

<table>
<thead>
<tr>
<th>Full Time Rates</th>
<th>Resident</th>
<th>Nonresident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate (12 or more credits)</td>
<td>$3,324.00</td>
<td>$9,600.00</td>
</tr>
<tr>
<td>Agricultural Systems Technology &amp;</td>
<td>$4,211.00</td>
<td>$10,498.00</td>
</tr>
<tr>
<td>Industrial Technology, Junior &amp; Senior</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Architecture, undergraduate</td>
<td>$3,724.00</td>
<td>$10,005.00</td>
</tr>
<tr>
<td>Business Juniors and Seniors (excludes Pre-Business)</td>
<td>$4,145.00</td>
<td>$10,421.00</td>
</tr>
<tr>
<td>Engineering Juniors and Seniors</td>
<td>$4,407.00</td>
<td>$10,642.00</td>
</tr>
<tr>
<td>Graduate (9 or more credits)</td>
<td>$3,324.00</td>
<td>$10,079.00</td>
</tr>
<tr>
<td>Architecture, Graduate</td>
<td>$4,382.50</td>
<td>$10,484.00</td>
</tr>
<tr>
<td>Engineering Graduate:</td>
<td>$4,852.50</td>
<td>$10,920.00</td>
</tr>
<tr>
<td>Seed Technology &amp; Business¹</td>
<td>$5,371.50</td>
<td>$10,920.00</td>
</tr>
<tr>
<td>Veterinary Medicine (12+ credits)</td>
<td>$9,576.00</td>
<td>$21,420.00</td>
</tr>
<tr>
<td>Veterinary Medicine (4th year)</td>
<td>$9,436.00</td>
<td>$17,153.00</td>
</tr>
</tbody>
</table>

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

Additional information:
Audits and zero credit courses: assessed according to contact hours; maximum charge for zero credit courses is three credit hours.
Continuous registration fee for graduate students: $70.
Partial credits (.5): assessed on the next larger whole number of credits, e.g., 6.5 credits is assessed as 7 credits.
Summer session: based on per credit as indicated in the fee schedule.
Tuition assessment for study abroad credits: up to a maximum of 12 credits, is above and beyond tuition for other courses taken during the same term.

Fee Policies and Descriptions: 2013-2014
• Developmental courses are assessed additional fees above and beyond tuition for other courses taken during the same term. Fee subject to change without notice.
  Math 10 - $530
  Chem 50 - $350
  Engl 99L - $240
  Engl 99R - $160
  Engl 99S - $480
  Frnch 97, Ger 97 and Span 97 - $325
• Distance education courses are assessed at the resident rate and the 2 credit tuition minimum does not apply, with the exception of graduate level research courses.
• Interim (partial-semester, between-terms), audit (zero-credit), and in absentia (research, away from campus study) courses are assessed fees as listed in the current fee schedule.
• One-half credits are assessed at the next larger whole number; e.g. 3 1/2 credits are assessed as 4 credits.
• R-credit (Required credit) coursework is assessed minimum tuition and fees equal to the 2 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
• Workshop fee for one-credit workshops, with no other course enrollments, is $278 for undergraduate students and $436 for graduate students.
• Zero credit course is assessed based on contact hours with a maximum assessment of 3 credits.
Tuition and Fees
Tuition and fees are subject to change without notice.

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

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

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

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

Cancelling Registration
A cancellation is processed when a student notifies the Office of the Registrar, prior to the day class work begins, of their decision not to attend classes for the current semester. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 5:00p.m. Friday, January 10; or drop all of your classes through AccessPlus by 11 p.m., Sunday, January 12.

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

Withdrawning Registration
Beginning the first day of class (Monday, January 13), students who decide not to continue attending classes must process a withdrawal form.

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

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

If the procedures for withdrawing from the university are not followed, instructors will assign whatever grades or marks they consider appropriate. Since these grades may be F’s, students are warned that failure to follow the prescribed withdrawal procedures may adversely affect a later application for reentry or transfer to another institution. If a withdrawal is requested during add/drop Period 3, the request may be denied if it is determined that academic performance prior to withdrawal is unsatisfactory. If the withdrawal is approved during Period 3 for a student on academic probation, the student will not be permitted to enroll the following term, except under extenuating circumstances. When a student withdraws, the attempted courses
Tuition Adjustments for withdrawals of registration are based upon the following table for Spring 2014:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Student Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 11-16</td>
<td>10%</td>
</tr>
<tr>
<td>Jan. 17-26</td>
<td>25%</td>
</tr>
<tr>
<td>Jan. 27-Feb. 2</td>
<td>50%</td>
</tr>
<tr>
<td>Feb. 3-Feb.10</td>
<td>75%</td>
</tr>
<tr>
<td>After Feb. 10</td>
<td>100%</td>
</tr>
</tbody>
</table>

The Tuition Adjustment Schedule will be pro-rated when partial term courses are involved. See the Tuition Adjustment Schedule on the web for the most common session deadlines. Contact the Tuition and Fees area of the Office of the Registrar for deadlines or questions for courses offered during sessions that are not specifically listed on the Tuition Adjustment Schedule.

The tuition adjustment schedule for a schedule change is based on the effective date of the change. Fees are assessed based on the student's total credit hours as of the 10th class day of the term. Students who drop below full-time during the first two weeks will receive a credit adjustment of 100%, with no adjustment after the second week. Students who add courses at any time during the semester will be assessed tuition and fees if applicable according to the fee schedule.

**Tuition Adjustment Schedule for Workshops and Short Courses**

Students who drop one- or two-week workshops or short courses on or before the first class meeting receive a 100% tuition adjustment for the course. No tuition adjustment will be made after the first day of classes. Students who drop three-week courses will also receive a 100% adjustment if they drop on or before the first day of classes, but will also receive a 90% adjustment if they drop on the second day of classes and no adjustment after the second day of classes.

**Appealing Tuition Assessments**

Students may appeal a tuition and fees assessment for withdrawal by obtaining a “Procedures for Appealing Assessed Tuition” form from the Tuition and Fees Office, 0460 Beardshear. The Office of the Registrar will review appeals for possible tuition and fees adjustment for the semester in question only after the written appeal and appropriate support documentation are received from the student. Determinations will be made by the Office of the Registrar based on extenuating circumstances beyond the control of the student. The results will be sent to the student in writing. Students may appeal the decision of the Office of the Registrar by writing an appeal letter to the Tuition Appeals Review Committee. This letter should be submitted to the Office of the Registrar within 10 calendar days after receiving the original decision. A final appeal of the Tuition Appeals Review Committee decision can be made by submitting a request in writing to the Office of the Provost.

**Past Due Accounts**

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

**GLOSSARY OF FEES**

**Activity, Services and Building Fee**

The activity, services and building fee is a mandatory fee that supports a variety of activities and services for all full time students. It is not based on whether or not a student uses an individual activity or service. This fee provides several benefits such as student admission rates to concerts and athletic events and unlimited use of CyRide. In addition, the fee provides support for campus recreation facilities, the Memorial Union, and campus organizations and services as allocated by the Government of the Student Body. Full-time students will be charged $117.90 each fall and spring semester, and all students will be charged $159.90 for the summer semester.

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

**Admissions Application Fee**

A nonrefundable application fee must accompany the application for admission. The application fee for domestic students (both graduate and undergraduate) is $40; the international application fee for undergraduates is $50 and for graduate students is $90. This fee does not apply to special students or workshop applicants.

**Delivery Fees**

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

**Health Facility Fee**

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

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

**Health Fee (Mandatory)**

All students are assessed an $98 Health Fee, except for students enrolled for four credits or less or students exclusively registered for the following: distance education courses (courses with section beginning with an X); courses for which no tuition is assessed; continuous registration status courses; weekend MBA courses; Lakeside Lab or geology field camp courses; graduate students enrolled in GR ST 600, 601, Psych 597, 697; or high school students enrolled under the PostSecondary Enrollment Options Act. (Note: The health fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship.) Students who withdraw
or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the tenth class day, after January 24 no adjustment will be made. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

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

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

**Late Registration Fee**
Sunday, January 9 is the last day to initiate a registration for full semester courses for Spring 2011 without a late registration fee. Beginning Monday, January 1, undergraduate students are assessed a late registration fee of $20. Graduate students are assessed a late registration fee of $20 the first week of classes, $50 the second week, and $100 the third week or later.

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

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

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

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

Undergraduate Students
Spring 2014 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 the Friday before Thanksgiving break. Applicants will be assessed a $40 nonrefundable graduation fee the tenth day of classes.

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

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

Undergraduate university commencement ceremony will be held Saturday, May 10, 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 2014.

• An “Application for Graduation” (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, January 31.

• Last day for graduate students to cancel graduation is March 28. 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 e-mailed to the student's in-session e-mail approximately four weeks before graduation. Please notify the Office of the Registrar, 214 Enrollment Services Center, of any address changes. Contact the Registrar's Graduation Office, 210 Enrollment Services Center, (515)294-9372 or e-mail: graduation@iastate.edu if graduation information is not received.

The Graduate College commencement ceremony will be held at 8 p.m., Friday, May 9 in C.Y. Stephens Auditorium.

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

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

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

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

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

For more complete information about Iowa State University’s grading system, please refer to the Academic Life section of the Iowa State University Undergraduate and Graduate Courses and Programs 2013-2014 catalog.

Repeated Courses
If a course is repeated, the permanent record will show the grade on the initial attempt as well as grades received on subsequent attempts. However, only the most recent grade will be used in computing the cumulative grade-point average rather than the previous grade(s). Undergraduate and special students may only repeat up to a limit of 15 semester credits. Approval to repeat a course after more than three semesters (not including summer) must be noted on a Designation of Repeated Course form. This form can be obtained from departmental offices and must be signed by the student's adviser and the head of the department offering the course. This form is also used if the course number or number of credits has changed from a previous catalog or if the course is being repeated to reduce a transfer deficiency. Process this form in the Office of the Registrar, 214 Enrollment Services Center.

For more information, please refer to the Academic Life section of the Iowa State University Undergraduate and Graduate Courses and Programs 2013-2014 catalog.
**Veterans Educational Assistance**

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

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

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

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

**Information Disclosure for Students**

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

**Policy on Student Names**

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

**Release of Student Records**

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

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

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

**Changing an Address on AccessPlus**

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

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

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

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

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

**Third Party Access**

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

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

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

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

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

Child care programs located on campus include:

- Center for Child Care Resources: Assistance in locating campus and community child care services, 100 University Village, Suite 1010, 515-294-8833 or 1-800-437-8599

- University Community Childcare at 100 University Village; 515-294-9838

- The Comfort Zone: Daycare for kids who don’t feel so good, 100 University Village, 515-294-3333.

- Flex-Care: Part time care for children of ISU students, 100 University Village, 515-294-9838.

- University Child Care Center at Veterinary Medicine, 1700 Christensen Drive, 515-294-2273.

- ISU Child Development Laboratory School, 0351 Palmer Building, 515-294-3040.

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

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

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

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

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

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

Meeting Days and Times for Classes
Meeting days as well as class start and end times are listed with each class listing.

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

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

Course prerequisites are listed in the Schedule of Classes.
Auditing Courses
To audit a course means to enroll in the course without receiving credit for the course. Audited courses count towards credit limit but not full-time status. The instructor of the course approves the audit request.

Students are assessed fees as though they are taking the course for credit, but the audited course does not count in determining full-time student status. However, an audited course does count towards the maximum allowable credits per semester. Audited courses do not apply toward V.A. benefits.

Graduate students: An audited course counts as one credit in the graduate student’s allowable course load; however, fees will be assessed for the full number of credits for the course. See Index, Graduate College.

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

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

Audit Deadlines for Full Term Courses
Instructors must approve all audits.

• Adding an audit
  – Through day 5 of classes: instructor approval required.
  – Day 6–10: instructor, adviser approval required; schedule change fee applies.
  – After day 10: only with extenuating circumstances, instructor, adviser, college approval required; schedule change fee applies.

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

• Changing from audit to credit—(5 days allowed):
  – Through day 5 of classes: instructor approval required.
  – After day 5: instructor, adviser, college approval required; schedule change fee applies.

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

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

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

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

Course Descriptions
Course descriptions can be found in the Iowa State University Undergraduate and Graduate Courses and Programs 2012-2012 catalog. Copies of the catalog may be purchased in campus area bookstores. The information is also available through the ISU index under catalog.

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

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

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

Experimental Courses
Experimental courses (course numbers ending in “X”) are not included in the Iowa State University Undergraduate and Graduate Courses and Programs 2012-2013 catalog. Course descriptions for experimental courses can be found through the ISU index under Experimental Course Descriptions.

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

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

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

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

Pass-Not Pass
Students must contact their adviser/major professor to determine which courses they may take Pass-Not Pass. To take a course Pass-Not Pass, first add the course through the web registration system on a graded basis, then to declare the course as Pass-Not Pass, the student must obtain the signature of their adviser/major professor located in the Pass-Not Pass section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services Centerl. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the Iowa State University Undergraduate and Graduate Courses and Programs 2013-2014 catalog.

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

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

Room Assignments
Beginning Monday, December 9, students may find room assignments by viewing their schedule on AccessPlus.

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

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

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

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

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

Night Exams for Spring 2014
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 2013-2014 catalog.

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

CLEP Exams
CLEP examinations are national computer based tests authorized by ISU for credit in specific classes and general areas of study. For most current minimum test score information refer to the ISU index under College-Level Exam Program.

CLEP exams are administered by the Student Counseling Service Testing Office, Rm. 2062 Student Services Building throughout the year. For information about test registration and fees go to the ISU index, Test Out Exams, CLEP Testing.
Tentative Final Exam Schedule

All class work will close on Saturday, May 10 at 5 p.m.

Final exams in courses of two or more credits may not be given at a time that differs from the exam time scheduled by the registrar. An instructor may not give a final exam prior to final exam week nor change the published time of the final examination as it appears in the final exam schedule.

Permission to change the time for which an exam is scheduled may be given only by the dean of the college. If the instructor elects not to give a final exam, the class is required to meet at the scheduled final exam period for other educational activity such as a review of the course or feedback on previous exams.

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

For courses which have multiple instruction types (lecture, recitation, or laboratory), the first recitation or lecture of the week is considered the first contact of the week. In courses having both recitations and lectures, the department head will determine whether the first lecture or the first recitation is to be considered the first contact.

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

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

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

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

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

Combined Group Exams

The following courses are most likely to have combined group exams scheduled for Spring 2014. (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, 161
Agron 114
Astro 120
C E 332
Chem 177, 178, 332
Chin 102
Com S 207, 227, 228
E M 274, 324, 345, 378
Engr 160
Fin 301
Geol 100
I E 305
M E 140, 146, 270
Math 151, 165, 166, 195, 196, 265
Phys 111, 221, 222,
Psych 101(A, B or C) , 230, 280
SCIS 301x
Span 102, 202
Stat 326

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

Name (please print) ____________________________________________ Term __________________

(Last) (First) (Middle)  

Please provide your university ID ____________________________________________  

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

A. **View the Online Schedule of Classes at [http://classes.iastate.edu/](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/](http://accessplus.iastate.edu/).** Follow the instructions and prompts on the screens. It is your responsibility to check for schedule conflicts. Attempt to add a course you need even if the section is closed. This action helps the University monitor and determine when it’s feasible to respond to unmet course demand.

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

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

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

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

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

Adviser signature: ____________________________________________ Date approved: ________________
# Registration Trial Schedule Grid

<table>
<thead>
<tr>
<th>7:00 a.m.</th>
<th>8:00 a.m.</th>
<th>9:00 a.m.</th>
<th>10:00 a.m.</th>
<th>11:00 a.m.</th>
<th>12:10 noon</th>
<th>1:10 p.m.</th>
<th>2:10 p.m.</th>
<th>3:10 p.m.</th>
<th>4:10 p.m.</th>
<th>5:10 p.m.</th>
<th>6:00 p.m.</th>
<th>7:00 p.m.</th>
<th>8:00 p.m.</th>
<th>9:00 p.m.</th>
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</table>
### Registration Trial Schedule Grid

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<td>4:10 p.m.</td>
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</tbody>
</table>
## Campus Buildings and Abbreviations

<table>
<thead>
<tr>
<th>Abbr.</th>
<th>Building</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agron</td>
<td>Agronomy Hall</td>
</tr>
<tr>
<td>Ames Hi</td>
<td>Ames High School</td>
</tr>
<tr>
<td>Armory</td>
<td>Armory</td>
</tr>
<tr>
<td>Atanslf</td>
<td>Atanasoff Hall</td>
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<tr>
<td>Bessey</td>
<td>Bessey Hall</td>
</tr>
<tr>
<td>Beyer</td>
<td>Beyer Hall</td>
</tr>
<tr>
<td>BRL</td>
<td>Biorenewables Research Laboratory</td>
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<tr>
<td>Black</td>
<td>Black Engineering Bldg.</td>
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<tr>
<td>Carver</td>
<td>Carver Hall</td>
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<tr>
<td>Com Bldg</td>
<td>Communications Bldg.</td>
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<tr>
<td>Coover</td>
<td>Coover Hall</td>
</tr>
<tr>
<td>Curtiss</td>
<td>Curtiss Hall</td>
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<tr>
<td>Dairy F</td>
<td>Dairy Farm</td>
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<tr>
<td>David</td>
<td>Davidson Hall</td>
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<tr>
<td>Design</td>
<td>College of Design</td>
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<tr>
<td>Durham</td>
<td>Durham Center</td>
</tr>
<tr>
<td>E Hall</td>
<td>East Hall</td>
</tr>
<tr>
<td>Farm Bu</td>
<td>Farm Bureau Livestock Pav. (Kildee)</td>
</tr>
<tr>
<td>Food Sc</td>
<td>Food Sciences Building</td>
</tr>
<tr>
<td>Forker</td>
<td>Barbara Forker Building</td>
</tr>
<tr>
<td>Friley*</td>
<td>Friley Residence Hall</td>
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<tr>
<td>Gerdin</td>
<td>Gerdin Business Building</td>
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<tr>
<td>Horse B</td>
<td>Horse Barn</td>
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<tr>
<td>Hort</td>
<td>Horticulture Hall &amp; Greenhouse</td>
</tr>
<tr>
<td>Howe</td>
<td>Howe Hall</td>
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<tr>
<td>I Ed I</td>
<td>Industrial Education Bldg. I</td>
</tr>
<tr>
<td>I Ed II</td>
<td>Industrial Education Bldg. II</td>
</tr>
<tr>
<td>Insect</td>
<td>Insectary and Greenhouse</td>
</tr>
<tr>
<td>Jischke</td>
<td>Martin Jischke Honors Bldg.</td>
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<tr>
<td>Kildee</td>
<td>Kildee Hall</td>
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<tr>
<td>King PV</td>
<td>Ping Pavilion</td>
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<tr>
<td>L A</td>
<td>Landscape Architecture Bldg. Bessey</td>
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<tr>
<td>L Mech</td>
<td>Laboratory of Mechanics</td>
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<tr>
<td>Lagomar</td>
<td>Lagomarcino Hall</td>
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<tr>
<td>LeBaron</td>
<td>LeBaron Hall</td>
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<td>Library</td>
<td>Parks Library</td>
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<tr>
<td>Lloyd</td>
<td>Lloyd Veterinary Medical Center</td>
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<tr>
<td>MacKay</td>
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<tr>
<td>MWL Com*</td>
<td>Maple Willow Larch Commons</td>
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<td>Martin</td>
<td>Martin Residence Hall</td>
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<tr>
<td>Meats L</td>
<td>Meats Laboratory</td>
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<td>Mem Un/MU</td>
<td>Memorial Union</td>
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<td>Mol-Bio</td>
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<td>Phys A</td>
<td>Physics Addition</td>
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<td>Roberts*</td>
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<tr>
<td>Ross H</td>
<td>Ross Hall</td>
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<tr>
<td>Scheman</td>
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<tr>
<td>Science</td>
<td>Science Hall I</td>
</tr>
<tr>
<td>Sci 2</td>
<td>Science Hall II</td>
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<tr>
<td>Seed</td>
<td>Seed Science Bldg.</td>
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<tr>
<td>Sned H</td>
<td>Snedeor Hall</td>
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<tr>
<td>St Gym</td>
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<tr>
<td>Sweeney</td>
<td>Sweeney Hall</td>
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<tr>
<td>Town</td>
<td>Town Engineering Bldg.</td>
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<tr>
<td>Troxel</td>
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<tr>
<td>Vet Med</td>
<td>Veterinary Medicine Bldg.</td>
</tr>
<tr>
<td>Zaffrno</td>
<td>Zaffarano Physics Addition</td>
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*Residence Hall

## Other Campus Buildings

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

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS
Preq: SOHP CLASSIFICATION
Note: COURSE RESTRICTED TO SOHP AND ABOVE
5277005 A MWF 9:00-9:50
MEETS: JAN 13-MAY 9
5277010 B MWF 10:00-10:50
MEETS: JAN 13-MAY 9

FINANCIAL ACCOUNTING ACCT 284 3 CREDITS
Preq: COURSE NOT OPEN TO FIRST TERM FRESHMEN
Note: NOT OPEN TO FIRST SEM FRESHMAN.
1110005 A TR 12:40-2:00
MEETS: JAN 13-MAY 9
1110010 B TR 11:00-12:20
MEETS: JAN 13-MAY 9
1110015 C TR 9:30-10:50
MEETS: JAN 13-MAY 9
1110020 D TR 2:10-3:30
MEETS: JAN 13-MAY 9
1110025 E TR 8:00-9:15
MEETS: JAN 13-MAY 9

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS
Preq: ACCT 284
Note: COURSE NOT OPEN TO GRADUATE STUDENTS.
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/
night-exams
1110005 A TR 9:30-10:50
MEETS: JAN 13-MAY 9
1110010 B TR 11:00-12:20
MEETS: JAN 13-MAY 9
1110015 C WF 12:10-1:00
MEETS: JAN 13-MAY 9
1110020 D WF 10:00-11:00
MEETS: JAN 13-MAY 9
1110025 E WF 11:00-11:50
MEETS: JAN 13-MAY 9
1110030 F WF 2:10-3:00
MEETS: JAN 13-MAY 9
1110035 G TR 12:40-2:00
MEETS: JAN 13-MAY 9
1110040 I TR 2:10-3:30
MEETS: JAN 13-MAY 9
1110045 J WF 4:10-5:00
MEETS: JAN 13-MAY 9

THE ACCOUNTING CYCLE ACCT 301 1 CREDIT
Preq: ACCT 284
Note: THIS COURSE CARRIES AN ADDITIONAL COST OF
APPROXIMATELY $50 TO ACCESS THE REQUIRED COMPUTER
SOFTWARE PROGRAM. RESTRICTED TO BUSINESS COLLEGE
MAJORS ONLY.
Available for nonmajor graduate credit
1078005 A ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC A MUST MEET FOR A ONE-TIME ORIENTATION ON
TUESDAY, JAN. 14TH AT 5PM 1144 GERDIN
Course delivery is WWW
1078010 B ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC B MUST MEET FOR A ONE-TIME ORIENTATION ON
FRIDAY, JAN. 17TH AT 9AM CURTISS
Course delivery is WWW

INTMD MANAGERL ACCT ACCT 383 3 CREDITS
Preq: ACCT 285 OR ACCT 501 and ACCT 301
Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY.
SEC A2,B2, ETC RESTRICTED TO BUS MAJORS EXCEPT ACCT.
P BUS, GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
1117005 A1 MWF 11:00-11:50
MEETS: JAN 13-MAY 9
1117010 A2 MWF 11:00-11:50
MEETS: JAN 13-MAY 9
1117015 B1 MWF 12:10-1:00
MEETS: JAN 13-MAY 9
1117020 B2 MWF 12:10-1:00
MEETS: JAN 13-MAY 9
1117025 C1 TR 11:00-12:20
MEETS: JAN 13-MAY 9
1117030 C2 TR 11:00-12:20
MEETS: JAN 13-MAY 9

ACCT INFO SYSTEMS ACCT 384 3 CREDITS
Preq: ACCT 285 OR ACCT 501, AND ACCT 301
Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY.
SEC A2,B2,C2 RESTRICTED TO BUS MAJORS EXCEPT ACCT, P BUS.
1123005 A1 MWF 10:00-10:50
MEETS: JAN 13-MAY 9
1123010 A2 MWF 10:00-10:50
MEETS: JAN 13-MAY 9
1123015 B1 TR 9:30-10:45
MEETS: JAN 13-MAY 9
1123020 B2 TR 9:30-10:45
MEETS: JAN 13-MAY 9
1123025 C1 MF 11:00-12:15
MEETS: JAN 13-MAY 9
1123030 C2 MF 11:00-12:15
MEETS: JAN 13-MAY 9

ACCOUNTING (CONTINUED)

INTMD ACCOUNTING I ACCT 386 3 CREDITS
Preq: ACCT 285 OR ACCT 501 AND ACCT 301
Note: SEC A2,B2 ETC FOR OTHER BUSINESS COLLEGE MAJORS.
NOT OPEN TO P BUS MAJORS. GRAD STUDENTS
SEE 1200 GERDIN FOR PERMISSION.
1118005 A1 TR 2:10-3:30
MEETS: JAN 13-MAY 9
1118010 A2 TR 2:10-3:30
MEETS: JAN 13-MAY 9
1118015 B1 TR 3:30-5:00
MEETS: JAN 13-MAY 9
1118020 B2 TR 3:30-5:00
MEETS: JAN 13-MAY 9
1118025 C1 TR 9:30-10:50
MEETS: JAN 13-MAY 9
1118030 C2 TR 9:30-10:50
MEETS: JAN 13-MAY 9
1118035 D1 TR 8:00-9:15
MEETS: JAN 13-MAY 9
1118040 D2 TR 8:00-9:15
MEETS: JAN 13-MAY 9

INTMD ACCOUNTING II ACCT 387 3 CREDITS
Preq: ACCT 383 OR ACCT 581
Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY.
Available for nonmajor graduate credit
8793005 A M 6:40-9:25PM
MEETS: JAN 13-MAY 9

PRIN FED INCOME TAX ACCT 485 3 CREDITS
Preq: ACCT 286 OR ACCT 383
Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY.
SEC A2,B2,C2 RESTRICTED TO BUS S, BUS U, BUSEC, FIN,
MGMT, MIS, MKT, OSCH, LSCM, SCM MAJORS ONLY.
Available for nonmajor graduate credit
1119005 A1 TR 9:30-10:50
MEETS: JAN 13-MAY 9
1119010 A2 TR 9:30-10:50
MEETS: JAN 13-MAY 9
1119015 B1 TR 9:30-10:50
MEETS: JAN 13-MAY 9
1119020 B2 TR 9:30-10:50
MEETS: JAN 13-MAY 9
1119025 C1 MF 11:00-1:00
MEETS: JAN 13-MAY 9
1119030 C2 MF 11:00-1:00
MEETS: JAN 13-MAY 9

ADV MANAGERIAL ACCT ACCT 483 3 CREDITS
Preq: ACCT 383 or ACCT 581
Note: COURSE RESTRICTED TO ACCT UNDER GRADUATE
MAJORS ONLY.
Available for nonmajor graduate credit

VOLUN INCM TAX ASSI ACCT 487 1 CREDIT
Preq: ACCT 285 OR ACCT 501
Note: COURSE LEC MEETS 1/15-2/5 & LAB 2/10-4/17
3365005 A T 6:10-8:00PM
M 6:10-8:00PM
MEETS: JAN 14-APRIL 14
Note: SEC A LEC MEETS 1/14-2/4 LAB
MEETS 2/10-4/14
3365010 B T 6:10-8:00PM
MEETS: JAN 14-APRIL 15
Note: SEC B LEC MEETS 1/14-2/4 LAB
MEETS 2/14-4/1
3365015 C T 6:10-8:00PM
W 2:10-4:00PM
MEETS: JAN 14-APRIL 16
Note: SEC C LECTURE MEETS 1/14-2/4/14, LAB MEETS
2/12/14-4/16

INDEPENDENT STUDY ACCT 490 1-3 CREDITS
Preq: ACCT 285, SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO ACCT MAJORS ONLY.
Department permission required.
Available for nonmajor graduate credit
7148005 A T 9:10-10:50
MEETS: JAN 13-MAY 9
ACCOUNTING (CONTINUED)

INTERNATIONAL ACC 496 3 CREDITS
Prereq: ACC 386 OR ACC 501
Note: COURSE RESTRICTED TO ACC UNDERGRADS
& 4 BUS MAJORS ONLY
Available for nonmajor graduate credit

9026005 A 6:40-9:25PM MEETS: JAN 16-APRIL 10

INTRO TO AUDITING ACCT 497 3 CREDITS
Prereq: ACC 384, ACC 387 AND STAT 326
Note: COURSE RESTRICTED TO ACC UNDERGRADS MAJORS ONLY.
Graduate students see 1200 GERDIN FOR PERMISSION.
Available for nonmajor graduate credit

1126005 A MFWF 9:00-9:50 MEETS: JAN 13-APRIL 9
1126100 B MFWF 11:00-1:20 MEETS: JAN 13-APRIL 9
1126105 C MW 1:10-6:25PM MEETS: JAN 13-APRIL 9

ACCT FOR DECISION MAK ACCT 581 3 CREDITS
Prereq: ACC 501 OR EQUIVALENT

9116005 A MW 4:10-5:15 MEETS: JAN 13-APRIL 9

ADV MANAGERIAL ACCT ACCT 583 3 CREDITS
Prereq: ACCT 383 OR ACCT 581
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

1009005 A T 6:00-9:20PM MEETS: JAN 14-APRIL 8

VOLUN INCOME TAX ASSI ACCT 587 1 CREDIT
Prereq: ACCT 285 OR ACCT 501
Note: COURSE FIRST LAB MEETS 1/15-2/5 & LAB 2/10-4/17
MEETS: 2/10-4/17

1089015 A T 6:10-8:00PM MEETS: JAN 14-APRIL 15
Note: SEC B FIRST LAB MEETS 1/14-2/4 SECOND LAB
MEETS: 2/11-4/14

1089019 C T 6:10-8:00PM W 2:10-4:00 MEETS: JAN 14-APRIL 16
Note: SEC C 1ST LAB MEETS 1/14-1/14/14-2/4/14, 2ND LAB
MEETS 2/12/14-4/16/14

GOV'T&NON-PRFT ACCT ACCT 588 3 CREDITS
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

2909005 A MW 2:10-3:55 MEETS: JAN 13-APRIL 9

SPECIAL TOPICS ACCT 590 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

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

ADV ACCTING PROBLEMS ACCT 595 3 CREDITS
Prereq: ACCT 387
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

1011005 A TR 9:30-10:50 MEETS: JAN 13-MAY 9

INTERNATIONAL ACCT ACCT 596 3 CREDITS
Prereq: ACCT 386 OR ACCT 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

2892005 A R 6:10-9:25PM MEETS: JAN 16-APRIL 10

CREATIVE COMPONENT ACCT 599 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

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

ADVERTISING (CONTINUED)

ADVERTISING PRINCIP ADVRT 230 3 CREDITS

4667005 1 WMF 9:00-9:50 NEWELL J MEETS: JAN 13-APRIL 9

STRATEG PLAN ADAP R ADVRT 301 3 CREDITS
Prereq: ADVRT 230 OR JL MC 220; SOPHOMORE
CLASSIFICATION
Note: SEC 1A,2A ETC RESTRICTED TO JL MC, ADVRT,
SEC 1B,2B ETC FOR MAJORS OTHER THAN JL MC, ADVRT,
SOPHOMORES AND ABOVE.

4439005 1A MW 9:30-10:50 MEETS: JAN 13-APRIL 9
4439010 1B MW 9:30-10:50 MEETS: JAN 13-APRIL 9
4439015 2A TR 12:40-2:00 MEETS: JAN 13-APRIL 9
4439020 2B TR 12:40-2:00 MEETS: JAN 13-APRIL 9
4439025 3A TR 8:00-9:20 MEETS: JAN 13-APRIL 9
4439030 3B TR 8:00-9:20 MEETS: JAN 13-APRIL 9

ADVERTISING CREATIVITY ADVRT 334 3 CREDITS
Prereq: ADVRT/JL MC 301; C+ OR BETTER IN
JL MC 201
Note: COURSE RESTRICTED TO ADVRT, JL MC, MAJORS
ONLY.

4669005 1 MW 8:00-9:50 MEETS: JAN 13-MAY 9

ADVERT MEDIA PLANNG ADVRT 335 3 CREDITS
Prereq: ADVRT/JL MC 301

4670005 1A MW 12:40-2:00 MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO JL MC, ADVRT MAJORS.

4670010 1B MW 12:40-2:00 MEETS: JAN 13-MAY 9
Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT,

ADVERT ACCOUNT MGMT ADVRT 336 3 CREDITS
Prereq: ADVRT/JL MC 301; C+ OR BETTER IN
JL MC 201
Note: COURSE RESTRICTED TO ADVRT, JL MC, MAJORS
ONLY.

4440005 1 TR 5:10-6:20PM MEETS: JAN 13-MAY 9

PRO SKILL DEVEL:MAP ADVRT 390A 1-2 CREDITS
Prereq: INSTRUCTOR PERMISSION
Note: TOPIC: MERIDIT APPRENTICESHIP PROGRAM

2398005 1 T 8:00-9:20 MEETS: JAN 13-MAY 9
Note: Instructor permission required.

ADVERTISING CAMPGNS ADVRT 434 3 CREDITS
Prereq: ADVRT/JL MC 301; C+ OR BETTER IN
ADVRT 124 OR ADVERT 335; MAJOR STATUS
Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.

4685005 1 MW 12:10-1:50 MEETS: JAN 13-MAY 9

AD PORTFOLIO PRACTCM ADVRT 436 3 CREDITS
Prereq: ADVRT 334, INSTRUCTOR PERMISSION
Note: COURSE RESTRICTED TO ADVRT, JL MC MAJOR ONLY.

4443005 1 TR 3:10-4:30 MEETS: JAN 13-MAY 9

AEROSPACE ENGINEERING

AEROSPACE ENG PROBLM AER E 160 3 CREDITS
Prereq: SATISFACTORY SCORES ON MATH PLACEMENT
EXAM, CREDIT OR ENROLLMENT IN MATH 142, MATH 165
Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: M 160, ENGR 160,
AER E 160, C E 160, CPR E 185, E E 185, S E 185,
1 E 148
Night exams scheduled. For dates go to
http://www.registrar.iastate.edu/students/exams/
night-exams.

6215005 1 MW 10:00-10:50 T 2:10-4:00 MEETS: JAN 13-MAY 9

NUM&GRAPHC&LAB TCNQ AER E 161 4 CREDITS
Prereq: AER E 160 OR EQUIVALENT COURSE

7834005 1 TR 9:30-10:50 M 2:10-4:00 MEETS: JAN 13-MAY 9
7834010 2 TR 9:30-10:50 T 2:10-4:00 MEETS: JAN 13-MAY 9
7834015 3 TR 9:30-10:50 W 2:10-4:00 MEETS: JAN 13-MAY 9
7834020 4 TR 12:40-2:00 T 2:10-4:00 SECS: JAN 13-MAY 9
7834030 5 TR 2:10-3:00 R 2:10-4:00 SECS: JAN 13-MAY 9
7834035 6 WMF 2:10-3:00 R 9:00-10:40 MEETS: JAN 13-MAY 9

HONOR NUM&GRAPHC TCNQ AER E 161H 4 CREDITS
Prereq: MATH 141 OR 142 OR SATISFACTORY SCORES ON MATH
PLACEMENT EXAM, CREDIT OR ENROLLMENT IN MATH 165,
PROFICIENCY IN FORTRAN C PROGRAMMING LANGUAGES,
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM

8247005 1 TR 9:30-10:50 M 10:00-11:50 MEETS: JAN 13-MAY 9
8247010 2 TR 9:30-10:50 F 3:10-5:00 MEETS: JAN 13-MAY 9
<table>
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<tr>
<th>Course Code</th>
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<th>Credits</th>
<th>Time/Location</th>
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<tr>
<td>AER 321L</td>
<td>Aerospace Propulsion Lab</td>
<td>2</td>
<td>MWF 11:00-11:50</td>
<td>Satisfactory-Pail Only, Available for nonmajor graduate credit</td>
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<tr>
<td>AER 331</td>
<td>Flight Control Systems I</td>
<td>3</td>
<td>MWF 1:10-2:00</td>
<td>Satisfactory-Pail Only, Available for nonmajor graduate credit</td>
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<tr>
<td>AER 344</td>
<td>Aerospace Engineering</td>
<td>3</td>
<td>T 11:00-12:15</td>
<td>Satisfactory-Pail Only, Available for nonmajor graduate credit</td>
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<td>AER 351</td>
<td>Astrodynamics I</td>
<td>3</td>
<td>R 3:10-5:00</td>
<td>Satisfactory-Pail Only, Available for nonmajor graduate credit</td>
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<td>AER 355</td>
<td>Aerospace Structural Dynamics I</td>
<td>3</td>
<td>MWF 11:00-11:50</td>
<td>Satisfactory-Pail Only, Available for nonmajor graduate credit</td>
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<td>AER 365</td>
<td>Aerospace Propulsion Systems</td>
<td>3</td>
<td>T 1:10-3:00</td>
<td>Satisfactory-Pail Only, Available for nonmajor graduate credit</td>
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<td>AER 371</td>
<td>Flight Control Systems I</td>
<td>3</td>
<td>MWF 1:10-2:00</td>
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<td>AER 381</td>
<td>Aerospace Propulsion Systems</td>
<td>3</td>
<td>T 11:00-12:15</td>
<td>Satisfactory-Pail Only, Available for nonmajor graduate credit</td>
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<td>AER 397</td>
<td>Engr Internship</td>
<td>3</td>
<td>R 3:10-5:00</td>
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<td>AER 411</td>
<td>Aerospace Propulsion Systems</td>
<td>3</td>
<td>T 1:10-3:00</td>
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<td>AER 412</td>
<td>Aerospace Propulsion Systems</td>
<td>3</td>
<td>R 3:10-5:00</td>
<td>Satisfactory-Pail Only, Available for nonmajor graduate credit</td>
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<tr>
<td>AER 421</td>
<td>Advanced Flight Structures</td>
<td>3</td>
<td>R 3:10-5:00</td>
<td>Satisfactory-Pail Only, Available for nonmajor graduate credit</td>
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</table>

Note: Course restricted to AER E majors only.
AEROSPACE ENGINEERING  (CONTINUED)

VIBRATIONS & AEROELASTICITY  AER E 422  3 CREDITS
Prereq: E M 324 OR AER E 321
Note: COURSE RESTRICTED TO AER E MAJORS ONLY
Available for nonmajor graduate credit
1178005  1 MWF 3:10-4:00
MEETS: JAN 13-MAY 9

COMPOSITE FLIGHT STRUCTURES  AER E 423  3 CREDITS
Prereq: E M 324, MAT E 273
Note: Available for nonmajor graduate credit
4615005  1 MW 12:10-1:00
    R 9:00-10:50
MEETS: JAN 13-MAY 9
4615010  2 MW 12:10-1:00
    R 12:10-2:00
MEETS: JAN 13-MAY 9
4615015  3 MW 12:10-1:00
    T 12:10-2:00
MEETS: JAN 13-MAY 9

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

AEROSPACE ENGINEERING  (CONTINUED)

INDUSTRIAL AEROSPACE ENGINEERING  AER E 490C  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL AEROSPACE ENGINEERING  AER E 490D  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

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

INDEPENDENT STUDY  AER E 490F  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  AER E 490G  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  AER E 490H  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

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

INDEPENDENT STUDY  AER E 490J  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  AER E 490K  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  AER E 490L  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  AER E 490M  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  AER E 490N  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  AER E 490O  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  AER E 490P  1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
******* SEE DEPT FOR REFERENCE NUMBERS
AEROSPACE ENGINEERING (CONTINUED)

DIGIT FEEDBACK CNTRL AER E 576 3 CREDITS
Prereq: E E 432 OR E E 475 OR M E 411 OR M E 414 OR MATH 267
8189005 TR 2:10-3:30 MEETS: JAN 13-MAY 9
MEETS: JAN 13-MAY 9

NONLINEAR SYSTEMS AER E 578 3 CREDITS
Prereq: E E 577
8191005 TR 9:30-10:50 MEETS: JAN 13-MAY 9

SPL TOP AER DYNAMCS AER E 590A 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
SPL TOP PROPULSION AER E 590B 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
SPL TOP AEROS STRUC AER E 590C 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
SPL TOP FLIGHT DYN AER E 590D 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
SPL TOP FLIGHT CONT AER E 590F 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
SPL TOP VISCOS AER AER E 590H 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
SPL TOP AERODY AER E 590K 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
SPL TOP OPTIMIZATN AER E 590L 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
SPL TOP NONDESTR EV AER E 590M 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
SPL TOP WIND ENG NER AER E 590N 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT AER E 599 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
ADV TOP AER DYNAMCS AER E 690A 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
ADV TOP PROPULSION AER E 690B 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
ADV TOP AEROS STRUC AER E 690C 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
ADV TOP FLIGHT DYN AER E 690D 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
ADV TOP FLIGHT CONT AER E 690F 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
ADV TOP VISCOS AER AER E 690H 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
ADV TOP AERODY AER E 690K 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
ADV TOP NONDESTR EV AER E 690M 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS
ADV TOP WIND ENG NER AER E 690N 1-5 CREDITS
SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING INTERNSHIP AER E 697 R CREDIT
Prereq: PERMISSION OF DOGE, GRADUATE CLASSIFICATION
8131005 ARRANGED MEETS: JAN 13-MAY 9
Note: College permission required.

AFRICAN AND AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST AF AM 201 3 CREDITS
Note: Meets U.S. diversity reqmt
Instructor permission required 1st week.
8310005 A TR 11:00-12:20 MEETS: JAN 13-MAY 9
8310010 B TR 11:00-12:20 MEETS: JAN 13-MAY 9
8310015 C TR 2:10-3:30 MEETS: JAN 13-MAY 9
8310020 D TR 9:30-10:50 MEETS: JAN 13-MAY 9

AFRICAN AND AFRICAN AMERICAN STUDIES (CONTINUED)

ETHNIC&RACE RELATNS AF AM 330 3 CREDITS
Prereq: SOC 130 OR SOC 134
Note: SEC A1,B1 ETC RESTRICTED TO SOC, P S A MAJORS.
SEC A2,B2 ETC FOR MAJORS OTHER THAN SOC, P S A.
Meet U.S. diversity reqmt
8638005 A1 TR 12:40-2:10 MEETS: JAN 13-MAY 9
8638010 A2 TR 12:40-2:10 MEETS: JAN 13-MAY 9
8638015 B1 TR 9:30-10:50 MEETS: JAN 13-MAY 9
8638020 B2 TR 9:30-10:50 MEETS: JAN 13-MAY 9

AFRI AMER RELIG EXP AF AM 334 3 CREDITS
Prereq: PRIOR COURSE WORK IN RELIG OR AF AM
RECOMMENDED
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
8661005 TR 12:40-2:10 MEETS: JAN 13-MAY 9

HIST AFRICAN AMER I AF AM 353 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES & ABOVE
8743005 TR 9:30-10:50 MEETS: JAN 13-MAY 9

AFRICAN AMER CULT AF AM 460 3 CREDITS
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
Instructor permission required.
6688005 ARRANGED MEETS: JAN 13-MAY 9

AFRICAN AND AFRICAN AMERICAN STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES

ORIENT AG &LIFE SCI AGEDS 110C .5 CREDIT
8358005 MN 12:10-1:00 MEETS: JAN 13-MARCH 7

AG BIOTECHN COLLOQ AGEDS 112 1 CREDIT
1303005 TR 11:00-12:00 MEETS: JAN 13-MAY 9

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
7586005 1 ARRANGED MEETS: JAN 13-MAY 9

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
7603005 1 ARRANGED MEETS: JAN 13-MAY 9

CAREER SEMINAR AGEDS 215 1 CREDIT
1385010 2 TR 11:00-12:00 MEETS: MARCH 10-MAY 9

PRESENT STRATEGIES AGEDS 313 3 CREDITS
1272005 1 TRF 11:00-11:50 MEETS: JAN 13-MAY 9
1272010 2 TRF 9:00-9:50 MEETS: JAN 13-MAY 9
1272015 3 TR 9:30-10:50 MEETS: JAN 13-MAY 9

SCIENCE WITH PRACTICE AGEDS 314 3 CREDITS
8006005 1 TR 9:30-10:50 MEETS: JAN 13-MAY 9
8006010 2 TR 12:40-2:10 MEETS: JAN 13-MAY 9

Note: Instructor permission required.
AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
1273005 1 12:40-2:00, ARRANGED DOLLISSO A MEETS: JAN 13-May 9
1273600 XW ARRANGED DOLLISSO A MEETS: JAN 13-May 9
Note: Section XW is off campus
Course delivery is WWW
Cmptr reqmt: http://agonline.iastate.edu/resources /computer-requirements

AG MECHAN APPLCANTS AGEDS 388X 3 CREDITS
6067005 1 M 4:10-6:00PM BYRD A
W 4:10-7:00PM BYRD A MEETS: JAN 13-May 9
Note: Materials and equipment use fee $200.00

COOPERATIVE EDUCAT AGEDS 398 1 CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR JUNIOR CLASSIFICATION
1356005 ARRANGED RETALLICK M MEETS: JAN 13-May 9
Note: Permission of department chair required.

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CREDITS
Prereq: AGEDS 211, JR CLASSIF IN AGEDS, INSTR PERMISSION

NONFORMAL AG ED PRG AGEDS 414 2 CREDITS
Prereq: AGEDS 211 AND PERMISSION OF INSTRUCTOR
Note: Available for nonmajor graduate credit
Instructor permission required.
1278005 1 TR 1:10-2:00 MARTIN R MEETS: JAN 13-May 9

PRE-STDT TCHG EXPERT AGEDS 416 1 CREDIT
Prereq: AGEDS 211, AGEDS 402 AND ADMISSION TO TEACHER EDUC PROGRAM, CONCURRENT ENROLLMENT IN AGEDS 417 IS REQUIRED.
1886005 1 ARRANGED MILLER G MEETS: JAN 13-May 9

SUPRV TEACHNG IN AG AGEDS 417 1-16 CREDITS
Prereq: AGEDS 211, AGEDS 402 & ADMISSION TO TEACHER EDUC PRG
1281005 1 ARRANGED PAULSEN T MEETS: JAN 13-May 9

FARM MGMT&OPERATION AGEDS 450 3 CREDITS
Prereq: ECON 233, ECON 330, JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit.
1386005 1 T 1:10-3:00 PAULSEN T
W 1:10-5:00 PAULSEN T MEETS: JAN 13-May 9
1386010 2 T 1:10-3:00 PAULSEN T
R 1:10-5:00 PAULSEN T MEETS: JAN 13-May 9

AGRICULTURAL LAW AGEDS 451 4 CREDITS
Prereq: SENIOR CLASSIFICATION
Note: Available for nonmajor graduate credit.
6798005 1 MWE 10:50-12:50 MCLOWEN R
M 3:10-5:00 MCLOWEN R MEETS: JAN 13-May 9
TECNL TRANSFRAAG ED AGEDS 461X 3 CREDITS
Prereq: Meets international perspectives reqmt
Note: Available for nonmajor graduate credit.
9564005 1 R 2:10-5:00 MARTIN R MEETS: JAN 13-May 9
9564600 XW ARRANGED MARTIN R MEETS: JAN 13-May 9
Note: Section XW is off campus
Course delivery is WWW
Cmptr reqmt: http://agonline.iastate.edu/resources /computer-requirements

AG MKTG&COMM COMPET AGEDS 475X 1- 2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: Offers for credits spring 2013
6063005 1 TR 4:10-5:00 NOE S MEETS: JAN 13-May 9

MTHDS TCHG AG MECHN AGEDS 488 3 CREDITS
Prereq: 211
Note: Available for nonmajor graduate credit
5124005 1 M 4:10-7:00 ANDERSON R
W 1:10-4:00 ANDERSON R MEETS: JAN 13-May 9

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

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

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

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

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

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

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

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

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

AG TRAVEL INTERNATL AGEDS 496A 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt
1516005 ET ARRANGED MEETS: JAN 13-May 9
Note: SEC ET PRE-TRAVEL ETHIOPIA SPRING 2014. STUDY ABROAD TRAVEL IN SUMMER 2014

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Available for nonmajor graduate credit
7499005 ARRANGED MEETS: JAN 13-May 9

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, ADVISER, & DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
8361005 ARRANGED MEETS: JAN 13-May 9

INTR RESEARCH AG ED AGEDS 510 3 CREDITS
6713005 ARRANGED MEETS: JAN 13-May 9
6713600 XW ARRANGED MEETS: JAN 13-May 9
Note: Section XW is off campus
Course delivery is WWW
Cmptr reqmt: http://agonline.iastate.edu/resources /computer-requirements

INSTRUCTIONAL METHODS AGEDS 520 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
1299005 ARRANGED MEETS: JAN 13-May 9
1299600 XW ARRANGED MEETS: JAN 13-May 9
Note: Section XW is off campus
Course delivery is WWW
Cmptr reqmt: http://agonline.iastate.edu/resources /computer-requirements

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

INSTRUCTIONAL METHODS AGEDS 520 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
1299005 ARRANGED MEETS: JAN 13-May 9
1299600 XW ARRANGED MEETS: JAN 13-May 9
Note: Section XW is off campus
Course delivery is WWW
Cmptr reqmt: http://agonline.iastate.edu/resources /computer-requirements
AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

INTR LNG THRY AGED S33 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
8005005 ARRANGED ANDERSON R
8005600 XW ARRANGED ANDERSON R
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW
Cmptr reqmt: http://agonline.iastate.edu/resources

TECNL TRANSFRAG ED AGED S61 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: Meets international perspectives reqmt
1305005 1 R 2:10-5:00 MARTIN R
1305600 XW ARRANGED MARTIN R
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW
Cmptr reqmt: http://agonline.iastate.edu/resources

SPCL TOP CURRICULUM AGED S90A 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS METHODS AGED S90B 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHILOSOPHY AGED S90C 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP EVALUATION AGED S90D 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP ADMINISTRAT AGED S90E 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP LEADERSHIP AGED S90F 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

SP TOPICS GUIDANCE AGED S90G 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTR TECHNOL AGED S90J 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INTERNAT ALG AGED S90K 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

SP PHD PROGRAM PLAN AGED S90L 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP CURRICULUM AGED S93A 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1317005 ARRANGED
MEETS: JAN 13-MAY 9
Cmptr reqmt: http://agonline.iastate.edu/resources

METHODS WORKSHOP AGED S93B 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1318005 ARRANGED
MEETS: JAN 13-MAY 9

WORKSHOP EVALUATION AGED S93C 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1319005 ARRANGED
MEETS: JAN 13-MAY 9

ADMINISTRATN WORKSHOP AGED S93B 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1320005 ARRANGED
MEETS: JAN 13-MAY 9

WORKSHOP LEADERSHIP AGED S93E 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1321005 ARRANGED
MEETS: JAN 13-MAY 9

WORKSHOP EXTENSION AGED S93F 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1322005 ARRANGED
MEETS: JAN 13-MAY 9

AGRICULTURAL ENGINEERING

EXPERNC AG&BIO ENGR A E 110 1 CREDIT
1001005 A T 10:00-11:50 DIERS L
MEETS: JAN 13-MAY 9
1001010 B R 10:00-11:50 DIERS L
MEETS: JAN 13-MAY 9
1001015 C R 2:10-4:00 DIERS L
MEETS: JAN 13-MAY 9

ENG GRPHC&INTRO DSN A E 170 3 CREDITS
Prereq: SATISFACTORY SCORES IN MATH PLACEMENT
36700505 MW 12:10-2:00
MEETS: JAN 13-MAY 9

EXPERNC AG&BIO ENGR A E 120 1 CREDIT
1001005 A T 10:00-11:50 DIERS L
MEETS: JAN 13-MAY 9
1001010 B R 10:00-11:50 DIERS L
MEETS: JAN 13-MAY 9
1001015 C R 2:10-4:00 DIERS L
MEETS: JAN 13-MAY 9

PARAM SLD MODEL ENG A E 271 1 CREDIT
Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT
9153005 A M 9:00-9:50
MEETS: JAN 13-MARCH 7
Note: SEC B RESTRICTED TO STUDENTS IN COLLEGE OF ENGINNEERING.

PARAM SLD MODEL ENG A E 272 1 CREDIT
Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT
2650005 A M 9:00-9:50
MEETS: MARCH 10-9:50
Note: SEC B RESTRICTED TO A E, AST & I TEC MAJORS ONLY.

PRO/ENG MODE&ASSEMBL A E 272 1 CREDIT
Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT
2650005 A M 9:00-9:50
MEETS: MARCH 10-9:50
Note: SEC B RESTRICTED TO A E, AST & I TEC MAJORS ONLY.

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

RESEARCH AGED S699 VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

Agricultural Education & Studies (continued)
AGRICULTURAL ENGINEERING (CONTINUED)

AGRI TRACTOR POWER  A E  342  3 CREDITS
Prereq: CH E 381 OR M E 231
Note: SEC A1,B1 RESTRICTED TO A E MAJORS ONLY.
SEC A2,B2 RESTRICTED TO COLLEGE OF ENGINEERING MAJORS ONLY.
Available for nonmajor graduate credit
1008005  A1  MW 11:00-11:50
M 12:10-3:00 MEETS: JAN 13-MAY 9
1008010  A2  MW 11:00-11:50
M 12:10-3:00 MEETS: JAN 13-MAY 9
1008015  B1  MW 11:00-11:50
M 3:10-6:00PM MEETS: JAN 13-MAY 9
1008020  B2  MW 11:00-11:50
M 3:10-6:00PM MEETS: JAN 13-MAY 9
ENGR INTERNSHIP  A E  397  R CREDIT
Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
Satisfactory-Fail Only.
******** SEE DEPT FOR REFERENCE NUMBERS

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

AGRIC ENGR DESIGN I  A E  415  2 CREDITS
Prereq: A E 271 OR A E 272, E M 324
Note: COURSE RESTRICTED TO A E, BSE MAJORS ONLY
Available for nonmajor graduate credit
8253005  M 12:10-1:00, ARRANGED
MEETS: JAN 13-MAY 9
AG ENGR DESIGN II  A E  416  2 CREDITS
Prereq: A E 415
Note: COURSE RESTRICTED TO A E, BSE MAJORS ONLY
Available for nonmajor graduate credit
7302005  ARRANGED
MEETS: JAN 13-MAY 9
AIR POLLUT AIR QUAL  A E  424A  1 CREDIT
Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
1243005  1 TR 9:30-10:50 MEETS: JAN 14-FEB 13
AIR POLLUT &CLIMATE  A E  424B  1 CREDIT
Prereq: A E 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
1364005  1 TR 9:30-10:50 MEETS: FEB 18-MARCH 27
AIR POLLUT &TRANSPRTN  A E  424C  1 CREDIT
Prereq: A E 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
1366005  1 TR 9:30-10:50 MEETS: MARCH 31-JUNE 1
AIR POLLUT TREATMT  A E  424D  1 CREDIT
Prereq: A E 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
1400005  1 TR 9:30-10:50 MEETS: MARCH 31-JUNE 1
AIR POLLUT AG SOURC  A E  424E  1 CREDIT
Prereq: A E 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
1404005  1 TR 9:30-10:50 MEETS: MARCH 31-JUNE 1
SOIL&WTR MONITR SYS  A E  436  3 CREDITS
Prereq: A E 431 OR PERMISSION OF INSTRUCTOR
2582005  MWF 1:10-2:00 MEETS: JAN 13-MAY 9
MULTIDISC ENGR DSGN  A E  466  3 CREDITS
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
Note: Available for nonmajor graduate credit
8891005  A MW 4:10-5:00, ARRANGED
MEETS: JAN 13-MAY 9
GRAIN PROCESS &HANDL  A E  469  3 CREDITS
Prereq: E 714
1371005  MW 10:00-10:50
R 3:10-6:00PM MEETS: JAN 13-MAY 9

AGRICULTURAL ENGINEERING (CONTINUED)

ENVIR MODIF SY ANIM  A E  472  3 CREDITS
Prereq: A E 216, M E 231
1158005  MWF 1:10-8:50 MEETS: JAN 13-MAY 9
IND STDU CFTR-A DSGN  A E  490C  1-4 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY HONORS  A E  490H  1-4 CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
******** SEE DEPT FOR REFERENCE NUMBERS
IND STDY POWER ENGR  A E  490P  1-4 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
IND STDY STRUCTURES  A E  490Q  1-4 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
IND STDU ENVIRAN RES  A E  490S  1-4 CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS
COOPERATIVE EDUCAT  A E  498  R CREDIT
Prereq: A E 398, PERMISSION OF THE DEPARTMENT AND ENGINEERING CAREER SERVICES
******** SEE DEPT FOR REFERENCE NUMBERS
FUND BIORENEW RESOU  A E  501  3 CREDITS
Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
4267005  MWF 10:00-10:50 MEETS: JAN 13-MAY 9
4267006  XE ARRANGED BROWN R
MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW
AIR POLLUT AIR QUAL  A E  524A  1 CREDIT
Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR IN STAT; SENIOR OR ABOVE CLASSIFICATION
2026005  1 TR 9:30-10:50 MEETS: FEB 18-MARCH 27
AIR POLLUT &CLIMATE  A E  524B  1 CREDIT
Prereq: A E 524A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
2299005  1 TR 9:30-10:50 MEETS: MARCH 31-JUNE 1
AIR POLLUT TREATMT  A E  524D  1 CREDIT
Prereq: A E 524A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
2614005  1 TR 9:30-10:50 MEETS: MARCH 31-JUNE 1
AIR POLLUT AG SOURC  A E  524E  1 CREDIT
Prereq: A E 524A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
2677005  1 TR 9:30-10:50 MEETS: MARCH 31-JUNE 1
SOIL&WTR MONITR SYS  A E  536  3 CREDITS
Prereq: A E 431 OR A E 531
2601005  MWF 11:00-8:50 MEETS: JAN 13-MAY 9
GRAIN PROCESS &INDLG  A E  569  3 CREDITS
Prereq: A E 216
1035005  MW 1:10-10:50 R 3:10-6:00PM MEETS: JAN 13-MAY 9
ENVR MODIF SY ANIM  A E  572  3 CREDITS
Prereq: A E 216
1036005  MWF 8:00-8:50 MEETS: JAN 13-MAY 9
MASTER’S TECH COMM  A E  598  1 CREDIT
Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
8332005  ARRANGED MEETS: JAN 13-MAY 9
CREATIVE COMPONENT  A E  599  VAR. CREDITS
Prereq: A E 216
1044005  ARRANGED MEETS: JAN 13-MAY 9
ADVANCED TOPICS  A E  690  VAR. CREDITS
Prereq: A E 216
1048005  ARRANGED MEETS: JAN 13-MAY 9
AGRICULTURAL ENGINEERING (CONTINUED)

TEACHING PRACTICUM  A E  694  1-3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR
MEETS: JAN 13-MAY 9
ARRANGED
1700005
MEETS: JAN 13-MAY 9
DOCTORAL TECH COMM  A E  698  1 CREDIT
Satisfactory-Fail Only.
8333005
ARRANGED
MEETS: JAN 13-MAY 9

RESEARCH BIOSYS ENG  A E  699B VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
RES CMPT-ADR DSIGN  A E  699C VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
RESEARCH FOOD ENG  A E  699F VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
RES PWRMACHIN ENGR  A E  699P VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
STRUCTURES RESEARCH  A E  699Q VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
RESCH PROCESS ENGR  A E  699R VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
RES ENVIRONMAT RES  A E  699S VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
RESEARCH WASTE MGT  A E  699U VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

AGRONOMY

PRINCIP OF AGRONOMY  AGRON 114  3 CREDITS
1391010  1 M 4:10-5:00  MULLEN R
T 8:00-9:00  MULLEN R
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391015  2 M 4:10-5:00  MULLEN R
T 10:00-11:50  MULLEN R
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391020  3 M 4:10-5:00  MULLEN R
W 12:10-2:00  MULLEN R
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391025  4 M 4:10-5:00  MULLEN R
T 2:10-4:00  MULLEN R
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391030  5 M 4:10-5:00  MULLEN R
W 8:00-9:50  MULLEN R
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391035  6 M 4:10-5:00  MULLEN R
W 10:00-11:50  MULLEN R
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391040  7 M 4:10-5:00  MULLEN R
W 12:10-2:00  MULLEN R
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391045  8 M 4:10-5:00  MULLEN R
W 2:10-4:00  MULLEN R
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391050  9 M 4:10-5:00  MULLEN R
R 9:00-10:50  MULLEN R
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/courses/agron114/default.html
1391060  10 M 4:10-5:00  MULLEN R
R 11:00-1:00  MULLEN R
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/courses/agron114/default.html

AGRONOMY (CONTINUED)

INTR RENEW RESOURCES  AGRON 120  3 CREDITS
1382005  W 12:10-1:00  HALL R
MEETS: JAN 13-MAY 9
1382600  XC ARRANGED
MEETS: JAN 13-MAY 9

FUND OF SOIL SCIENC  AGRON 154  3 CREDITS
Prereq: CHEM 163
Note: 2-4 HRS AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155, AGRON 156
1395010  1 M 12:10-1:00  MANU A
T 9:00-9:50  ARRANGED MANU A
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html
1395015  2 M 12:10-1:00  MANU A
T 10:00-10:50  MANU A
ARRANGED
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html
1395020  3 M 12:10-1:00  MANU A
T 11:00-11:50  MANU A
ARRANGED
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html
1395025  4 M 12:10-1:00  MANU A
T 12:10-1:00, ARRANGED MANU A
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html
1395030  5 M 4:10-5:00  MANU A
R 9:00-9:50, ARRANGED MANU A
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html
1395035  6 M 4:10-5:00  MANU A
R 10:00-10:50, ARRANGED MANU A
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html
1395040  7 M 4:10-5:00  MANU A
W 11:00-11:50  MANU A
ARRANGED
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html
1395045  8 M 4:10-5:00  MANU A
R 1:10-2:00, ARRANGED MANU A
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html
1395050  9 M 4:10-5:00  MANU A
W 12:10-1:00, ARRANGED MANU A
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html
1395060  10 M 4:10-5:00  MANU A
W 2:10-3:00, ARRANGED MANU A
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html
1395065  11 M 4:10-5:00  MANU A
R 2:10-3:00, ARRANGED MANU A
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html
1395070  12 M 4:10-5:00  MANU A
W 3:10-4:00, ARRANGED MANU A
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron154/default.html

SOILS HORT SCIENC  AGRON 155  3 CREDITS
Prereq: CHEM 163, CLASSIFICATION IN HORT MAJOR
Note: COURSE RESTRICTED TO HORT MAJORS ONLY. 2-4 HRS AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155, AGRON 156
6154005  1 M 12:10-1:00  MANU A
W 1:10-2:00, ARRANGED MANU A
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron155/default.html
6154010  2 M 12:10-1:00  MANU A
W 3:10-4:00, ARRANGED MANU A
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron155/default.html

INTR WARRI&CLIMT  AGRON 206  3 CREDITS
3243005  W 9:00-9:50  FRANZ K
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron206/default.html

WORLD WATER RESOURC  AGRON 160  3 CREDITS
Prereq: CHEM 163
1397005  W 2:10-3:00  FLORY D
MEETS: JAN 13-MAY 9
Section info: http://www.agron.iastate.edu/soils/agron160/default.html
**AGRONOMY**

(Continued)

**CROP GROWTH, PRODUCTION** AGRON 212 3 CREDITS
Prereq: AGRON 114
1399005 1 MWF 11:00-11:50 MIGUEZ F
MEETS: JAN 13-MAY 9

**FIELD APP CROP PROD** AGRON 212L 1 CREDIT
Prereq: AGRON 154, CREDIT OR ENROLLMENT IN AGRON 212
6394005 1 T 8:00-9:50 CHRISTIAN E
MEETS: JAN 13-MAY 9
6394101 2 T 9:00-11:00
MEETS: JAN 13-MAY 9
6394105 3 W 10:50-12:50 CHRISTIAN E
MEETS: JAN 13-MAY 9
6394200 4 W 8:00-10:00 CHRISTIAN E
MEETS: JAN 13-MAY 9

**WEED IDENTIFICATION** AGRON 217 1 CREDIT
Prereq: BIOL 101 OR EQUIVALENT
7385005 1 M 1:10-5:00 HARTZLER R
MEETS: MARCH 10-MAY 9
7385010 2 R 2:10-5:00 HARTZLER R
MEETS: MARCH 10-MAY 9

**ORGNC CMDS PLT ENV** AGRON 259X 3 CREDITS
Prereq: CHEM 163, 165, 167, OR 177. 6 CREDITS IN AGRONOMY RECOMMENDED.
7324005 1 MF 11:00-11:50 THOMPSON M
MEETS: JAN 13-MAY 9

**SOILS & ENVIRONMENTAL QUALITY** AGRON 260 3 CREDITS
3973005 1 MWF 12:10-1:00 BURRAS C
MEETS: JAN 13-MAY 9

**PESTICIDE APPLICATION CERTIFICATION** AGRON 283 2 CREDITS
1905005 A MW 11:00-11:50 HOLSCHER K
MEETS: JAN 13-MAY 9

**COOPERATIVE EDUCATION** AGRON 298 R CREDIT
Prereq: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR, FOSTERMORE CLASSIFICATION
1401005 ARRANGED BURRAS C
MEETS: JAN 13-MAY 9

**PROFESSIONAL WORK EXPERIENCE** AGRON 310 R CREDIT
Satisfactory-Fail Only.
1399005 ARRANGED WIEDENHOEFT M
MEETS: JAN 13-MAY 9

**CROP STRUCTURE & RELATIONSHIP** AGRON 316 3 CREDITS
Prereq: BIOL 212 RECOMMENDED
1406005 MWF 11:10-1:00 KNAPP A
MEETS: JAN 13-MAY 9

**GENETICS, AGRI & BIOTECH** AGRON 320 3 CREDITS
Prereq: BIOL 212
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIO 313 AND 313L, GEN/AGRON 320
1418005 TR 8:00-9:20 SALAS-FERNANDEZ
MEETS: JAN 13-MAY 9

**INTERCOLLEGE CROP TEAM** AGRON 331 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
1408005 1 TR 3:30-7:00PM CHRISTIAN E
MEETS: JAN 13-MAY 9
Note: Instructor permission required.
1408010 2 TR 3:30-7:00PM CHRISTIAN E
MEETS: MARCH 10-MAY 9
Note: Instructor permission required.

**FORAGE CROP MANAGEMENT** AGRON 334 3 CREDITS
Prereq: AGRON 114
1409005 TR 11:00-12:20 MEETS: JAN 13-MAY 9
Note: Available for nonmajor graduate credit
Section info: http://www.agron.iastate.edu/courses/agron334/default.htm

**WORLD FOOD ISSUES** AGRON 342 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
1402005 1 TR 11:00-12:20 ZDORKOWSKI G
MEETS: JAN 13-MAY 9
1402010 2 MWF 11:00-11:50 FORD C
MEETS: JAN 13-MAY 9
Note: SEC. 4 RESTRICTED AGRON, CS A, CS H, DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA & PDEXA MAJORS ONLY.
1402015 3 TR 2:10-3:10 ZDORKOWSKI G
MEETS: JAN 13-MAY 9
1402020 4 MWF 10:00-11:00 FORD C
MEETS: JAN 13-MAY 9
Note: SEC. 4 RESTRICTED AGRON, CS A, CS H, DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA & PDEXA MAJORS ONLY.
1402025 XW ARRANGED FORD C
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW
Cmpt reqmt: http://agonline.iastate.edu/resources/computer-requirements

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**AGRONOMY**

(Continued)

**SOILS & PLANT GROWTH** AGRON 354 3 CREDITS
Prereq: AGRON 154 AND BIOL 101 OR BIOL 211
Note: Available for nonmajor graduate credit
1414005 1 MWF 10:00-11:50 LOYNACHAN T
MEETS: JAN 13-MAY 9
Section info: http://www.public.iastate.edu/~teloynac/354out1.html

**SOIL & PLANT GROWTH** AGRON 354L 1 CREDIT
Prereq: AGRON OR HORT MAJOR WITH CREDIT OR ENROLLMENT IN AGRON 354
Note: COURSE RESTRICTED TO AGRON & HORT MAJORS ONLY.
8362005 1 T 12:10-1:00 CHUA T
MEETS: JAN 13-MAY 9
8362010 2 T 3:10-4:00 HASSelman E
MEETS: JAN 13-MAY 9
8362015 3 R 1:10-4:00 MEETS: JAN 13-MAY 9

**ENVIRONMENTAL SOIL SCIENCE** AGRON 360 3 CREDITS
Prereq: AGRON 154 OR ENSEI 250 OR GEOL 201
3989005 1 MWF 9:00-10:50 BURRAS C
MEETS: JAN 13-MAY 9
3989010 2 MWF 9:00-10:50 BURRAS C
W 2:10-5:00 BURRAS C
MEETS: JAN 13-MAY 9

**FLD EXP SOIL SCIENCE** AGRON 370 1 CREDIT
Prereq: AGRON 154 AND PERMISSION OF INSTRUCTOR
1417005 R 3:10-6:00PM BURRAS C
Note: Instructor permission required.
1417010 2 ARRANGED BURRAS C
Note: Instructor permission required.

**AGRO SCIENCE** AGRON 386X 1 CREDIT
Prereq: JUNIOR OR SENIOR CLASSIFICATION
9363005 R 4:30-6:00 PM THOMPSON M
MEETS: JAN 13-MAY 9

**SYST CROP & SOIL MANAGEMENT** AGRON 392 3 CREDITS
Prereq: AGRON 316 AND AGRON 354
4515005 MM 9:30-1:00 WIEDENHOEFT M
M 2:10-5:00 WIEDENHOEFT M
MEETS: JAN 13-MAY 9

**COOPERATIVE EDUCATION** AGRON 398 R CREDIT
Pre req: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
1411005 ARRANGED BURRAS C
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

**GLOBAL CHANGE** AGRON 404 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING, JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO GE MAJORS ONLY
Available for nonmajor graduate credit
8140005 MWF 11:00-11:50 GUTOWSKI W
MEETS: JAN 13-MAY 9
Note: ON-CAMPUS SEC RESTRICTED TO GEOL, MTEOR MAJOR ONLY
Syllabus: http://www.meteor.iastate.edu/classes/Mt404

**MESOSCALE METEORLOGY** AGRON 407 3 CREDITS
Prereq: MATH 366, MTEOR 443
1059005 TR 9:30-10:50 GALUS W
MEETS: JAN 13-MAY 9

**PROFESSIONAL FORUM** AGRON 410 1 CREDIT
Prereq: SENIOR CLASSIFICATION
1428005 A MWF 8:10-9:00 LAMKEY K
MEETS: JAN 13-MAY 9

**SOIL FORMATION & LANDSCAPE** AGRON 463 4 CREDITS
Prereq: AGRON 154 OR AGRON 260
Note: CREDIT FOR EITHER AGRON/ENSEI 463 OR IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Available for nonmajor graduate credit
3844005 MWF 10:00-11:50 HORTON R
MEETS: JAN 13-MAY 9

**INDEPENDENT STUDY** AGRON 490G 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION WITH AT LEAST 8 CR IN AGRON
Instructor permission.
1435010 1 TR 10:00-10:50 BURRAS C
T 2:10-5:00 BURRAS C
ARRANGED MEETS: JAN 13-MAY 9

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**SOIL PHYSICS** AGRON 477 3 CREDITS
Prereq: RECOMMENDED AGRON 154 & MATH 164
3144005 MWF 10:00-11:50 HORTON R
MEETS: JAN 13-MAY 9

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SEE DEPT FOR REFERENCE NUMBERS
AGRONOMY (CONTINUED)

INDEP STUDY HONORS AGRON 490H 1-3 CREDITS
Prereq: JWr/Sr Classif with at least 8 cr in Agron Instructor permission in specialty area after consultation membership in the honors program
Note: Course restricted to university honors students only; no more than 4 credits of Agron 490 may be applied toward the total of 12 credits required for graduation.
****** See dept for reference numbers

AGRONOMY WORKSHOP AGRON 493 VAR. CREDITS
Prereq: Permission of Instructor
Note: Available for nonmajor graduate credit

6804005 ARRANGED
MEETS: JAN 13-MAY 9

AG INT’L TRAVL TOUR AGRON 496A VAR. CREDITS
Prereq: Permission of Instructor
Note: Meets international perspectives reqmt

9433800 AU ARRANGED
LUVAAS E
MEETS: MARCH 14-23
Note: Sec au taught in australia. Topic: Agricultural production, business and trade in Australia
Study abroad spring 2014. Offered for 3 credits.
Study abroad Administrative Fee Applies

COOPERATIVE EDUCATION AGRON 498 R CREDIT
Prereq: Permission of Department Cooperative education Coordinator; Senior Classification

1416005 ARRANGED
MEETS: JAN 13-MAY 9

CROP GROWTH & DEVELOP AGRON 501 3 CREDITS
Prereq: Agron 114, Math 140, Chem 163, Biol 101

6436600 XV ARRANGED
KNAPP A
MEETS: JAN 13-MAY 9
Note: Restricted to Graduate students enrolled in the MS in Agronomy and MS in Plant Breeding Online Degree Programs. All other majors contact the MS in Agronomy Program Office at 515-294-2999 or Msagron@iastate.edu
Section XW is off campus
Course delivery is WwW

GLOBAL CHANGE AGRON 504 3 CREDITS
Prereq: Four courses in physical or Biol sciences or Engineering; junior, senior or graduate standing
Note: Restricted to GE at, IEAB majors only

8143005 MW 11:00-11:50
GUTOWSKI W
MEETS: JAN 13-MAY 9

MESOSCALE METEOROLOGY AGRON 507 3 CREDITS
Prereq: Math 156 and MTEOR 454

5266005 TR 9:30-10:50
GALLUS W
MEETS: JAN 13-MAY 9

CROP IMPROVEMENT AGRON 511 3 CREDITS
Prereq: Agron 114, Math 140, Chem 163, Biol 101/Biol 109

6455600 XV ARRANGED
MEETS: JAN 13-MAY 9
Note: Restricted to Graduate students enrolled in the MS Agronomy Online degree Program. All other majors contact the MS in Agronomy Program Office at 515-294-2999 or Msagron@iastate.edu.
Section XW is off campus
Course delivery is WwW

SOIL-PLANT ENVIRONM AGRON 512 3 CREDITS
Prereq: Agron 501, Agron 501 recommended

6481600 XV ARRANGED
LOYANACHAN T
MEETS: JAN 13-MAY 9
Note: Restricted to Graduate students enrolled in the MS Agronomy Online degree Program. All other majors contact the MS in Agronomy Program Office at 515-294-2999 or Msagron@iastate.edu.
Section XW is off campus
Course delivery is WwW

AGRONOMY (CONTINUED)

QUANTITATIVE METHODS AGRON 513 3 CREDITS
Prereq: Agron 114, Math 140, Stat 104

6456600 XV ARRANGED
HARBOR M
MEETS: JAN 13-MAY 9
Note: Restricted to Graduate students enrolled in the MS in Agronomy Online Degree Programs. All other majors contact the MS in Agronomy Program Office at 515-294-2999 or Msagron@iastate.edu.
Section XW is off campus
Course delivery is WwW

MICROW REMOTE SENS AGRON 518 3 CREDITS
Prereq: Math 265 or Equivalent

3075005 TR 11:00-12:30
MEETS: JAN 13-MAY 9

HERBICE PHY&BIOCHE AGRON 519 2 CREDITS
Prereq: Agron 317, Biol 310

1446005 ARRANGED
MEETS: JAN 13-MAY 9

PLANT BREEDING METHODS AGRON 520X 3 CREDITS
Prereq: Agron 527

9131005 TR 11:00-12:20
MEETS: JAN 13-MAY 9

9131600 XV ARRANGED
FEHR W
Note: Section XW is off campus
Course delivery is WwW

CMTR reqmt: http://masters.agron.iastate.edu/resources

FIELD PLOT TECHNOQS AGRON 526 3 CREDITS
Prereq: Stat 401

1450005 TR 9:30-10:50
MOORE K
R 2:30-4:00
MEETS: JAN 13-MAY 9

QNTV GENET PLT BRDG AGRON 528X 3 CREDITS
Prereq: Agron 506 and Agron 513

9478600 XV ARRANGED
BEAVIS W
MEETS: JAN 13-MAY 9
Note: All materials will be provided via blackboard or e-library.
Section XW is off campus
Course delivery is WwW

CMTR reqmt: http://agonline.iastate.edu/resources

APPLD AG METEOROLOGY AGRON 541 2-3 CREDITS
Prereq: Agron 206 or Upper Division Biological Science
Note: Credit for either Agron 541 or Agron 503, but not both, may be applied toward graduation

1454005 ARRANGED
TAYLOR S
MEETS: JAN 13-MAY 9

PERENNIAL GRASSES AGRON 551 2 CREDITS
Prereq: Junior or Senior or Grad Classification or Permission of Instructor

1458005 MW 10:00-10:50
MEETS: JAN 13-MAY 9

SOIL FORMATION LANDSC AGRON 563 4 CREDITS
Prereq: Agron 154 or Agron 269
Note: Credit for either Agron 563 or CA LL/Agron/Ensci 5631 but not both, may be applied toward graduation

3237010 1 TR 10:00-10:50
BURRAS C
T 2:30-3:50
BURRAS C
ARRANGED
MEETS: JAN 13-MAY 9

SOIL PHYSICS AGRON 577 3 CREDITS
Prereq: Reccomended: Agron 154 and Math 166

1464005 MW 10:00-10:50
MEETS: JAN 13-MAY 9

LAB MTD SOIL PHYS AGRON 578 1 CREDIT
Prereq: Concurrent enrollment in Agron 477 or Agron 577

1465005 M 11:00-12:00
MEETS: JAN 13-MAY 9
AGRONOMY

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

AGRONOMIC SYS ANALY AGRON 591 3 CREDITS
Prereq: AGRON 511, AGRON 512, AGRON 531, AGRON 532, AGRON 533

2042600 XW ARRANGED WIEDEHOFTE M
MEETS: JAN 13-MAY 9
Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE MS IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRONGR@IASTATE.EDU.
Section XW is off campus
Course delivery is Independent study
Cmptr reqmt: http://masters.agron.iastate.edu

CURRENT ISSUES AGRON 592 3 CREDITS
Prereq: AGRON 501, AGRON 503, AGRON 511, AGRON 512, AGRON 513, AGRON 514

2044600 XW ARRANGED FALES S
MEETS: JAN 13-MAY 9
Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS AGRONOMY ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE MS IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRONGR@IASTATE.EDU.
Section XW is off campus
Course delivery is WWW
Cmptr reqmt: http://masters.agron.iastate.edu

CR COMP AG METEOROL AGRON 599A VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1472005 ARRANGED
MEETS: JAN 13-MAY 9

CR COMP CROP FRD&PH AGRON 599B VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1473005 ARRANGED
MEETS: JAN 13-MAY 9

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1474005 ARRANGED
MEETS: JAN 13-MAY 9

CRTV COMP SOIL CHEM AGRON 599D VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1475005 ARRANGED
MEETS: JAN 13-MAY 9

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1476005 ARRANGED
MEETS: JAN 13-MAY 9

CRTV COMPN SOIL MST AGRON 599F VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1477005 ARRANGED
MEETS: JAN 13-MAY 9

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1478005 ARRANGED
MEETS: JAN 13-MAY 9

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1479005 ARRANGED
MEETS: JAN 13-MAY 9

CR COMP SOIL PHYSICS AGRON 599I VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1480005 ARRANGED
MEETS: JAN 13-MAY 9

CRTV COMP SEED SCI AGRON 599K VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1639005 ARRANGED
MEETS: JAN 13-MAY 9

CRTV COMP WEEED SCI AGRON 599L VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1649005 ARRANGED
MEETS: JAN 13-MAY 9

CREATV COMPON AGRON AGRON 599M VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
Satisfactory-Fail Only.
6508600 XA ARRANGED MEETS: JAN 13-MAY 9
Note: CONTACT AGRONOMY OFFICE FOR PERMISSION TO REGISTER AT 515-294-2999 OR MSAGRONGR@IASTATE.EDU.
6508605 XB ARRANGED LOYNACHAN T
MEETS: JAN 13-MAY 9
Note: CONTACT AGRONOMY OFFICE FOR PERMISSION TO REGISTER AT 515-294-2999 OR MSAGRONGR@IASTATE.EDU.

AGRONOMIC SCI PERSNTN AGRON 601X 2 CREDITS
Prereq: GRADUATE CLASSIFICATION IN AGRONOMY AND PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

AGRON MC SCI PERSNTN AGRON 601X 2 CREDITS
Prereq: GRADUATE CLASSIFICATION IN AGRONOMY AND PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR AGRON 602 1 CREDIT
Satisfactory-Fail Only.
8829005 W 4:10-5:30
MEETS: JAN 13-MAY 9

AGRON TECHN PRACTCM AGRON 698 1-2 CREDITS
Prereq: GRADUATE CLASSIFICATION IN AGRON AND PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

RESEARCH SOIL FERTIL AGRON 699E VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

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

RESEARCH SOIL MORPHOL AGRON 699H VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SOIL PHYSICS AGRON 699I VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

AIR FORCE AEROSPACE STUDIES

INTRO LEADER LAB II AFAS 102 1 CREDIT
Prereq: MEMBERSHIP AS A CADET IN AFROTC
Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED BY THE AFAS PROFESSOR
Instructor permission required 1st week.
Satisfactory-Fail Only.
8730005 T 6:30-7:30
MEETS: JAN 13-MAY 9

FOUND U S AIR FORCE AFAS 142 1 CREDIT
1261000 A T 8:00-8:50
MEETS: JAN 13-MAY 9
1261010 B W 10:00-11:00
MEETS: JAN 13-MAY 9
1261010 N 1:00-2:00
MEETS: JAN 13-MAY 9

Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK.
AMERICAN INDIAN STUDIES (CONTINUED)

AM INDIAN WMN WRITE AM IN 342 3 CREDITS
Prereq: ENGL 250 OR ENGL 105
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
1493600  XW ARRANGED COPPOC J
Note: Section XW is off campus
Course delivery is WWW
AMERICAN INDIAN WMN WRITE AM IN 342 3 CREDITS
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
1511005  A1 TR 9:30-10:50
1511010 A2 TR 9:30-10:50
MEETS: JAN 13-MAY 9

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

ANIMAL ECOLOGY

FISH BIOLOGY A ECL 321 3 CREDITS
Prereq: A ECL 365 1064010  M 9:00-9:50 ROE K
MEETS: JAN 13-MAY 9

NAT HIST IOWA VERTE A ECL 366 3 CREDITS
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
2766005  1 MW 10:00-10:50 STEWART T
T 9:00-11:50 STEWART T
2766010  2 MW 10:00-10:50 STEWART T
F 10:00-12:15 STEWART T
MEETS: JAN 13-MAY 9

INTR AQUAT ANIM MED A ECL 401 1 CREDIT
6184005  1 T 7:10-9:00PM MEETS: MARCH 10-MAY 9

PRIN WILDLIF DISEASE A ECL 454 3 CREDITS
Prereq: JUNIOR STANDING AND AT LEAST 10 CREDITS
IN BIOLOGICAL SCIENCES AT THE 300+ LEVEL
8930005  1 MF 11:00-11:50 BLANCHONG J
MEETS: JAN 13-MAY 9

ORNITHOLOGY A ECL 458 2 CREDITS
Prereq: A ECL 365 OR BIOL 351
2766001  1 MW 10:00-10:50 DINSMORE S
MEETS: JAN 13-MAY 9
2766010  2 MW 10:00-10:50 DINSMORE S
MEETS: JAN 13-MAY 9

ORNITHOLOGY LAB A ECL 458L 1 CREDIT
Prereq: BIOL 351 OR BIOL 365 OR A ECL 365; CONCURRENT ENROLLMENT IN A ECL 458 OR BIOL 458 REQ'D
9657005  1 T 7:10-9:00PM DINSMORE S
MEETS: JAN 13-MAY 9
9657010  2 W 7:00-9:50 DINSMORE S
MEETS: JAN 13-MAY 9

MAMMALOGY A ECL 459 2 CREDITS
Prereq: A ECL 365 OR BIOL 351
2768001  1 MW 10:00-10:50 DINSMORE S
MEETS: JAN 13-MAY 9
2768010  2 MW 10:00-10:50 DINSMORE S
MEETS: JAN 13-MAY 9
Note: Materials, field trips &/or travel fee $25.00

MAMMALOGY LAB A ECL 459L 1 CREDIT
Prereq: BIOL 351 OR BIOL 365 OR A ECL 365; CONCURRENT ENROLLMENT IN A ECL 458 OR BIOL 459 REQ'D
9659005  1 T 9:00-11:50 DINSMORE S
MEETS: JAN 13-MAY 9
9659010  2 W 9:00-11:50 DINSMORE S
MEETS: JAN 13-MAY 9

AVIAN ECOLOGY A ECL 516 3 CREDITS
Prereq: A ECL 312, A ECL 365 OR GRADUATE STANDING
Note: Instructor permission required 1st week
8094005  1 MW 11:00-11:50 DINSMORE S
MEETS: JAN 13-MAY 9

PRIN WILDLIF DISEASE A ECL 554 3 CREDITS
Prereq: GRAD CLASSIFICATION
8934005  1 MF 11:00-11:50 BLANCHONG J
MEETS: JAN 13-MAY 9

CREATIVE COMPONENT A ECL 599 VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
SEE DEPT FOR REFERENCE NUMBERS

AIR FORCE AEROSPACE STUDIES (CONTINUED)

AIR FRC PHYS TRAINI AFAS 151 1 CREDIT
Prereq: MEMBERSHIP AS A CADET IN AFROTC
Satisfactory-Fail Only.
7736005  MWF 6:30-7:30 WITTOCHEF B
MEETS: JAN 13-MAY 9
Note: TIME LISTED ARE MORNING/A.M.

BASIC LDRSHP LAB II AFAS 202 1 CREDIT
Prereq: MEMBERSHIP AS A CADET IN AFROTC
Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED BY THE AFAS PROFESSOR
Satisfactory-Fail Only.
8732005  T 6:30-7:30 WITTOCHEF B
MEETS: JAN 13-MAY 9
Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

EVAL USAF AIR POWER AFAS 242 1 CREDIT
Prereq: AFAS 210 OR AFAS 211
1263005  A MWF 9:00-9:50 WITTOCHEF B
MEETS: JAN 13-MAY 9

INTMD LDRSHP LAB II AFAS 302 1 CREDIT
Prereq: MEMBERSHIP AS A CADET IN AFROTC
Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED BY THE AFAS PROFESSOR
Satisfactory-Fail Only.
8734005  T 6:30-7:30 WITTOCHEF B
MEETS: JAN 13-MAY 9
Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

AIR F LDRSHP STU II AFAS 342 3 CREDITS
Prereq: AFAS 210 OR AFAS 211
1265005  A TR 11:00-12:20 STEPHENS J
MEETS: JAN 13-MAY 9
1265010  B TR 2:10-3:30 STEPHENS J
MEETS: JAN 13-MAY 9

ADV LEADERSHIP LAB II AFAS 402 1 CREDIT
Prereq: MEMBERSHIP AS A CADET IN AFROTC
Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED BY THE AFAS PROFESSOR
Satisfactory-Fail Only.
8736005  T 6:30-7:30 WITTOCHEF B
MEETS: JAN 13-MAY 9
Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

NATIONAL SECURITY AFAS 442 3 CREDITS
Note: Meets international perspectives reqmt
1267005  A TR 12:40-2:00 HOLLMAN R
MEETS: JAN 13-MAY 9
1267010  B TR 3:40-5:00 HOLLMAN R
MEETS: JAN 13-MAY 9

AMERICAN INDIAN STUDIES

INTR AM INDIAN STDI AM IN 210 3 CREDITS
Note: Meets U.S. diversity reqmt
1506005  A MWF 9:00-9:50 COPPOC J
MEETS: JAN 13-MAY 9
1506010  B MWF 11:00-11:50 COPPOC J
MEETS: JAN 13-MAY 9
1506015  C MWF 1:00-1:50 COPPOC J
MEETS: JAN 13-MAY 9
1506020  D TR 9:30-10:50 COPPOC J
MEETS: JAN 13-MAY 9
1506025  E TR 2:10-3:30 ARNDT G
MEETS: JAN 13-MAY 9
1506030  F TR 2:10-3:30 COPPOC J
MEETS: JAN 13-MAY 9

INTRO AM INDIAN LIT AM IN 240 3 CREDITS
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 150 OR ENGL 140
1511005  A T 9:30-11:50 COPPOC J
MEETS: JAN 13-MAY 9
Note: Meets U.S. diversity reqmt
5612005  A TR 12:40-2:00 COPPOC J
MEETS: JAN 13-MAY 9

TOPICS AMERI INDIAN AM IN 310 3 CREDITS
Note: Meets U.S. diversity reqmt
9438005  A TR 12:40-2:00 LARSON S
MEETS: JAN 13-MAY 9
9438010  B TR 2:10-3:25 HILL C
MEETS: JAN 13-MAY 9

CUR ISSU NATIV N AM AM IN 332 3 CREDITS
Prereq: AM IN 210 OR AM IN 211 OR ANTH 322 RECOMMENDED
6348005  T 6:30-12:20 HILL C
MEETS: JAN 13-MAY 9
Note: Meets U.S. diversity reqmt
ANIMAL ECOLOGY

TEACHING PRACTICUM  A ECL 698  1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN ANIMAL ECOLOGY
AND PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
******  SEE DEPT FOR REFERENCE NUMBERS

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

ANIMAL SCIENCE

WORKING WITH ANIMALS  AN S  101  2 CREDITS
1527005  1 W 10:00-10:50  R 8:00-9:50
MEETS: JAN 13-MAY 9
1527010  2 W 10:00-10:50  F 10:00-11:50
MEETS: JAN 13-MAY 9
1527015  3 W 10:00-10:50  F 12:10-2:00
MEETS: JAN 13-MAY 9
1527020  4 W 10:00-10:50  F 2:10-4:00
MEETS: JAN 13-MAY 9

ORIENTATION IN AN  S  AN S  110  1 CREDIT
1518005  1 T 2:10-3:00
R 10:00-11:00
MEETS: JAN 13-MAY 9

SURVEY ANIMAL INDUS  AN S  114  2 CREDITS
1519005  1 MW 8:00-9:50
MEETS: JAN 13-MAY 9

LVSTCK HANDL,Safe,W  AN S  190X  2 CREDITS
Prereq: AN S 101
Note: COURSE MEETS SUNDAY JAN 5TH 6PM-8 PM.
9524005  1 MTRN 8:00-5:10
F 8:00-1:30, ARRANGED
MEETS: JAN 5-10

CAREER PREP AN SCI  AN S  210  1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION IN AN S
Satisfactory-Fail Only.
1621005  1 W 3:10-5:00
MEETS: JAN 13-MAY 9
1621010  2 W 3:10-5:00
MEETS: JAN 13-MAY 9

ISSUES FACING AN  S  AN S  211  1 CREDIT
Prereq: 114, SOPHOMORE CLASSIFICATION
Satisfactory-Fail Only.
1542005  1 T 4:10-6:00PM
MEETS: JAN 13-MAY 9

DOMEST ANIM PHYSIOG  AN S  214  3 CREDITS
Prereq: BIOC 212, CHEM 163 OR CHEM 177
1521005  1 MWF 9:00-9:50
MEETS: JAN 13-MAY 9

DOM AN ANAT&PHY LAB  AN S  214L  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN AN S 214
1545005  1 T 8:00-9:50
MEETS: JAN 13-MAY 9
1545010  2 T 10:00-11:50
MEETS: JAN 13-MAY 9
1545015  3 T 12:10-2:00
MEETS: JAN 13-MAY 9
1545020  4 R 2:10-4:00
MEETS: JAN 13-MAY 9

EQUINE SCIENCE  AN S  216  3 CREDITS
Prereq: 101 or 114; ONE COURSE IN BIOLOGY
4825005  1 TR 9:00-10:50  M 10:00-11:50
MEETS: JAN 13-MAY 9
4825010  2 TR 9:00-10:50  M 12:10-2:00
MEETS: JAN 13-MAY 9
4825015  3 TR 9:00-9:50  M 2:10-4:00
MEETS: JAN 13-MAY 9

EQUINE FARM PRACTCM  AN S  217  2 CREDITS
Prereq: AN S MAJOR, RIDING EXPERIENCE AN S,
CREDIT OR ENROLLMENT IN AN S 216
1690005  1 T 9:00-9:50, ARRANGED
MEETS: JAN 13-MAY 9

COMPANION ANIM SCI  AN S  224  3 CREDITS
Prereq: COURSE IN BIOLOGY
8087005  1 MW 2:10-3:00
R 10:00-11:50
MEETS: JAN 13-MAY 9
8087010  2 MW 2:10-3:00
R 12:10-2:00
MEETS: JAN 13-MAY 9
8087015  3 MW 2:10-3:00  R 8:00-9:50
MEETS: JAN 13-MAY 9
8087020  4 MW 2:10-3:00  R 2:10-4:00
MEETS: JAN 13-MAY 9

ANIMAL SCIENCE

SWINE SCIENCE  AN S  225  3 CREDITS
Prereq: 114, 101
Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY
SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.
1725005  1A MF 10:00-10:50
W 8:00-9:50
MEETS: JAN 13-MAY 9
1725010  1B MF 10:00-10:50
W 8:00-9:50
MEETS: JAN 13-MAY 9
1725025  1A MF 10:00-10:50
W 12:10-2:00
MEETS: JAN 13-MAY 9
1725030  3B MF 10:00-10:50
W 12:10-2:00
MEETS: JAN 13-MAY 9
1725035  4A MF 10:00-10:50
W 2:10-4:00
MEETS: JAN 13-MAY 9
1725040  4B MF 10:00-10:50
W 2:10-4:00
MEETS: JAN 13-MAY 9

BEEF CATTLE SCIENCE  AN S  226  3 CREDITS
Prereq: 114, 101
Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY
SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.
1726005  1A W 1:10-2:00
R 10:00-11:50
MEETS: JAN 13-MAY 9
1726010  1B W 1:10-2:00
R 10:00-11:50
MEETS: JAN 13-MAY 9
1726015  2A W 1:10-2:00
R 12:10-2:00
MEETS: JAN 13-MAY 9
1726020  2B W 1:10-2:00
R 2:10-4:00
MEETS: JAN 13-MAY 9
1726030  3B W 1:10-2:00
R 2:10-4:00
MEETS: JAN 13-MAY 9
1726035  4A W 1:10-2:00
R 8:00-9:50
MEETS: JAN 13-MAY 9
1726040  4B W 1:10-2:00
R 8:00-9:50
MEETS: JAN 13-MAY 9

SHEEP SCIENCE  AN S  229  3 CREDITS
Prereq: 114, 101
1727005  1 W 1:10-2:00
T 10:00-11:50
MEETS: JAN 13-MAY 9
1727010  2 W 1:10-2:00
T 12:10-2:00
MEETS: JAN 13-MAY 9
1727015  3 W 1:10-2:00
T 2:10-5:00
MEETS: JAN 13-MAY 9

INTRO CONTRVRS SCI  AN S  260X  3 CREDITS
9642005  TR 9:30-10:45
MEETS: JAN 13-MAY 9

BASIC SWINE SCIENCE  AN S  280X  2 CREDITS
Prereq: 101, 104
6904600  XH ARRANGED
MEETS: JAN 21-MAY 6
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT LYOUNG@IASTATE.EDU.
Instructor permission required 1st week.
Section XH is off campus
Course delivery is WW
Tuition Category: GPIDEA Consortium
6904605  XH ARRANGED
BAAS T
MEETS: JAN 21-MAY 6
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT LYOUNG@IASTATE.EDU.
Instructor permission required 1st week.
Section XH is off campus
Course delivery is WW
Tuition Category: GPIDEA Consortium
ANIMAL SCIENCE (CONTINUED)

EQUINE EVALUATION  AN S 306 3 CREDITS
Prereq: SOHP CLASSIFICATION OR INSTRUCTOR PERMISSION
15382005 1 MW 4:10-5:30  ARRANGED
MEETS: JAN 21-MAY 9

ANIMAL NUTRITION  AN S 319 3 CREDITS
Prereq: 214, COURSE IN ORGANIC CHEM OR BIOCHEM
Note: Available for nonmajor graduate credit
1529005 1 MWF 11:00-11:50
MEETS: JAN 13-MAY 9

ANIM FEEDS & FEEDING  AN S 320 3 CREDITS
Prereq: 319
1635005 1 MW 8:00-9:50
2 2:10-4:00
MEETS: JAN 13-MAY 9

DOMSTC ANIM REPRODU  AN S 331 3 CREDITS
Prereq: COURSE IN PHYSIOLOGY
Note: Available for nonmajor graduate credit
1531005 1 TR 8:00-9:20
MEETS: JAN 13-MAY 9

ANIM REPROD LAB MTH  AN S 332 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN 331
1532005 1 T 12:10-3:00
MEETS: JAN 13-MAY 9
Note: SEC 1 LIVESTOCK
1532010 2 MW 7:30-9:00
MEETS: JAN 13-MAY 9
Note: SEC 2 HORSES

DAIRY CATTLE EVALUA  AN S 335 3 CREDITS
Prereq: SUPPLEMENTARY CLASSIFICATION
1533005 1 TR 4:10-6:00
1 TR 2:10-4:00
MEETS: JAN 13-MAY 9

LACTATION  AN S 337 3 CREDITS
Prereq: 214
1711005 1 TR 11:00-12:15
MEETS: JAN 13-MAY 9

GROWTH & DEW HOMEST  AN S 345 3 CREDITS
Prereq: 214, BIOL 311 OR GEN 320
4478005 1 MWF 2:10-3:00
MEETS: JAN 13-MAY 9

GENET IMPRv DOM ANI  AN S 352 3 CREDITS
Prereq: ONE COURSE IN STATISTICS, BIOL 211/212, COURSE IN GENETICS
1534010 1 MW 9:00-9:50
1 8:00-9:50
MEETS: JAN 13-MAY 9
1534015 2 MW 9:00-9:50
1 10:00-11:50
MEETS: JAN 13-MAY 9
1534020 3 MW 9:00-9:50
1 12:10-2:00
MEETS: JAN 13-MAY 9

TP ADV SWINE BREEDI  AN S 380A 1 CREDIT
Prereq: AN S 225, OR AN S 280X AND AN S 280L
7339600 1 XG ARRANGED
MEETS: JAN 21-MAY 6
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
Available for nonmajor graduate credit
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

TP SWINE INDUS ISSU  AN S 380B 1 CREDIT
Prereq: AN S 225, OR AN S 280X AND AN S 280L
7350600 1 XF ARRANGED; STERLE J
MEETS: JAN 21-MAY 6
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XF is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

TP ADV PORK QUAL & SF  AN S 380J 1 CREDIT
Prereq: AN S 225, OR AN S 280X AND AN S 280L
7429600 1 XG ARRANGED
MEETS: JAN 21-MAY 6
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

ANIMAL SCIENCE (CONTINUED)

SWINE ENVIRONMT MGT  AN S 382X 1 CREDIT
Prereq: AN S 225, OR AN S 280X AND 280L.
TSM 210 IS RECOMMENDED.
9686600 1 XF ARRANGED; HARMON J
MEETS: JAN 21-MAY 6
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XF is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

SWINE HLTH & BIOSECUR  AN S 384X 1 CREDIT
Prereq: AN S 225, OR AN S 280X AND 280L.
A COURSE IN MICROBIOLOGY IS RECOMMENDED.
9689600 1 XF ARRANGED; KARRIKER L
MEETS: JAN 21-MAY 6
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XF is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

SUPRFD’ V INTERNSHIP  AN S 399B 2-6 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR
2258005 1 ARRANGED
MEETS: JAN 13-MAY 9

ISSUES ANIMAL SCIEN  AN S 411 1 CREDIT
Prereq: SENIOR CLASSIFICATION IN AN S
1713005 1 T 4:10-6:00PM
MEETS: JAN 13-MAY 9

EQUINE SYSTEMS MGMT  AN S 415 3 CREDITS
Prereq: 216, 319, 320, 331
Note: Available for nonmajor graduate credit
8779005 1 TR 1:10-2:00
W 12:10-2:00
MEETS: JAN 13-MAY 9
8779010 2 TR 1:10-2:00
W 2:10-4:00
MEETS: JAN 13-MAY 9

COMPAN ANIM SYS MGT  AN S 424 3 CREDITS
Prereq: 224, 319, 320, 331, 352
Note: Available for nonmajor graduate credit
1803005 1 MW 11:00-11:50
R 2:10-4:00
MEETS: JAN 13-MAY 9

BF CATTLE SYS MGT  AN S 426 3 CREDITS
Prereq: AN S 226, AN S 270, AN S 319, AN S 320, AN S 331, AN S 352, ECON 230 OR EQUIVALENT IS RECOMMENDED.
Note: Available for nonmajor graduate credit
1550010 1 TR 3:10-4:00
R 12:10-2:00
MEETS: JAN 13-MAY 9

SHEEP SYSTEMS MGT  AN S 429 3 CREDITS
Prereq: 229; 319; 320; 331; 352, AGRON 334 IS RECOMMENDED, ECON 230 OR EQUIVALENT IS RECOMMENDED.
Note: Available for nonmajor graduate credit
1551005 1 TR 10:00-11:50
R 2:10-4:00
MEETS: JAN 13-MAY 9

APP DAIRY FARM EVAL  AN S 435 3 CREDITS
Prereq: 214, ECON 203
Note: Available for nonmajor graduate credit
8618005 1 FN 11:10-2:00
F 8:00-9:50
MEETS: JAN 13-MAY 9
ANIMAL SCIENCE (CONTINUED)

PROCESSED MEATS AN S 460 3 CREDITS
Prereq: 270, 270L
Note: Available for nonmajor graduate credit
1555010 1 MW 9:00-9:50
R 8:00-9:50
MEETS: JAN 13-MAY 9
1555015 2 MW 9:00-9:50
R 12:10-2:00
MEETS: JAN 13-MAY 9

JUDGING MEAT ANIMAL AN S 475A 1-2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION
1556005 1 ARRANGED
MEETS: JAN 13-MAY 9

JUDGING DAIRY CATTLE AN S 475B 1-2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION
1557005 1 ARRANGED
MEETS: JAN 13-MAY 9

JUDGING MEATS AN S 475C 1-2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION
1558005 1 ARRANGED
MEETS: JAN 13-MAY 9

JUDGING ANIMAL EVAL AN S 475D 1-2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION
1559005 1 ARRANGED
MEETS: JAN 13-MAY 9

JUDGING HORSES AN S 475E 1-2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION
4470005 1 ARRANGED
MEETS: JAN 13-MAY 9

INTEGRATED JUDG MGT SY AN S 475F 1-2 CREDITS
Prereq: ADMISSION BY INVITATION
Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED TOWARD GRADUATION
1728008 1 ARRANGED
MEETS: JAN 13-MAY 9

BEEF INDU LDR FELLW AN S 480A 1 CREDIT
Prereq: 226, INSTRUCTOR PERMISSION Satisfactory-Fail Only.
8710005 1 ARRANGED
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

PORK INDU LDR FELLW AN S 480C 1 CREDIT
Prereq: 226, INSTRUCTOR PERMISSION Satisfactory-Fail Only.
4509005 1 ARRANGED
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

ISSUES FOOD SAFETY AN S 489 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS HN 272 OR HN 213; FS HN 419 OR FS HN 420; FS HN 403
8348005 MW 2:10-3:00 RAJAGOPAL L
MEETS: JAN 13-MARCH 7

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

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

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

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

ANIMAL SCIENCE (CONTINUED)

AG TRAVEL CRSE PREP AN S 495 R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
1539015 1 ARRANGED
MEETS: JAN 13-MAY 9
Note: SECTION 1 IS FOR TRAVEL IN THE WESTERN U.S.- INCLUDING KS, CO, WY, ID, MT AND NE.
Instructor permission required.

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

NON-RUMIN DIGESTIVE AN S 518 3 CREDITS
Prereq: 419 OR NUTRS 501
1572005 1 TR 8:00-9:20
MEETS: JAN 13-MAY 9

PHYSL&ENDOCRN REPRES AN S 533 2 CREDITS
Prereq: GENERAL PHYSIOLOGY COURSE
1574005 1 MW 3:10-4:00
MEETS: JAN 13-MAY 9

PERINATOLOGY AN S 536 2 CREDITS
Prereq: ONE COURSE IN PHYSIOLOGY; ONE COURSE IN BIOCHEMISTRY
1782005 1 ARRANGED
MEETS: JAN 13-MAY 9

LIVESTK IMMUNOGENET AN S 540 2 CREDITS
Prereq: 561 OR MICRO 575 OR V MPM 520
1576005 1 ARRANGED
MEETS: JAN 13-MAY 9

PROCESSED MEATS AN S 560 3 CREDITS
Prereq: 270
1730005 1 MW 9:00-9:50
R 8:00-9:50
MEETS: JAN 13-MAY 9
1730010 2 MW 9:00-9:50
R 12:10-2:00
MEETS: JAN 13-MAY 9

LINEAR MOD&GEN PRED AN S 562A 2 CREDITS
Prereq: 561, STAT 402
2352005 1 TR 10:00-10:50
MEETS: JAN 13-MAY 9

ADV GEN PREDI&PARAM AN S 562B 2 CREDITS
Prereq: 561, STAT 402
7577005 1 ARRANGED
MEETS: JAN 13-MAY 9

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

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

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

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

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

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

SPL TOP MUSCLE BIOL AN S 590G 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS
## ANIMAL SCIENCE (CONTINUED)

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

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

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

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

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

**Dairy Prod Research AN S 699D  VAR. CREDITS**  
***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

**INTRO CULTURAL ANTHR ANTHR 201 3 CREDITS**  
** Note: Meets international perspectives reqmt**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
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**GLOBALIZATION & SUSTAINABILITY ANTHR 220 3 CREDITS**  
** Note: Meets international perspectives reqmt**

<table>
<thead>
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**GLOBALIZATION & HUMAN COND ANTHR 230 3 CREDITS**  
** Note: Meets international perspectives reqmt**

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**CULTURAL ANTHROPOLOGY ANTHR 306 3 CREDITS**  
** Prereq: 201**  
** Note: Meets international perspectives reqmt**

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ANIMAL BREEDING RES AN S 699A  VAR. CREDITS
ANIMAL NUTRI RESRCH AN S 699B  VAR. CREDITS
MEAT ANIM PRODU RES AN S 699C  VAR. CREDITS
DAIRY PROD RESEARCH AN S 699D  VAR. CREDITS
MEAT SCIENCE RESEARCH AN S 699E  VAR. CREDITS
REPROD PHYSOL RSRC AN S 699F  VAR. CREDITS
MUSCLE BIOLOGY RSRC AN S 699G  VAR. CREDITS

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

**SEMINAR ANIMAL SCI AN S 695 1 CREDIT**  
Note: Satisfactory-Fail Only.

<table>
<thead>
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<th>Course Code</th>
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<td>7289005</td>
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**SEMINAR MUSCLE BIOL AN S 685 1 CREDIT**  
Prereq: AN S 562, STAT 447

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**SEMINAR ANIMAL SCI AN S 695 1 CREDIT**  
Note: Satisfactory-Fail Only.

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<td>7289005</td>
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**ANIM ETHOLOGY RSRC AN S 699J  VAR. CREDITS**  
***** SEE DEPT FOR REFERENCE NUMBERS

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

**ANTHROPOLOGY**

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

**ANIM ETHOLOGY RSRC AN S 699J  VAR. CREDITS**  
***** SEE DEPT FOR REFERENCE NUMBERS
ANTHROPOLOGY (CONTINUED)

BIOLOGICAL ANTHROPO ANTHR 307 3 CREDITS
Prereq: 202
Note: Instructor permission required 1st week.
1618005 1 TR 2:10-3:00 PRUETZ J
  F 8:00-9:50 PRUETZ J
  MEETS: JAN 13-MAY 9
1618010 2 TR 2:10-3:00 PRUETZ J
  F 10:00-11:50 PRUETZ J
  MEETS: JAN 13-MAY 9
1618015 3 TR 2:10-3:00 PRUETZ J
  F 12:10-2:00 PRUETZ J
  MEETS: JAN 13-MAY 9
1618020 4 TR 2:10-3:00 PRUETZ J
  F 2:10-4:00 PRUETZ J
  MEETS: JAN 13-MAY 9

SKELETAL BIOLOGY ANTHR 319 3 CREDITS
Prereq: 307 OR COLLEGE LEVEL BIOL REQUIRED
2754005 MF 11:00-11:50 TR 4:10-6:00PM
  MEETS: JAN 13-MAY 9

CUR ISSU NATIV N AM ANTHR 332 3 CREDITS
Prereq: 201 OR 306; 322 OR AM IN 210 RECOMMENDED
Note: Meets U.S. diversity reqmt.
1631005 TR 11:00-12:20 HILL C
  MEETS: JAN 13-MAY 9

ASIAN AM MATRL CULT ANTHR 333 3 CREDITS
Prereq: Meets international perspectives reqmt
9136005 MF 11:00-11:50 DUSSEILIER J
  MEETS: JAN 13-MAY 9

APPLIED ANTHROPOLOGY ANTHR 411 3 CREDITS
Prereq: 201 OR 306
Note: Meets international perspectives reqmt.
1622005 1 MF 2:10-4:00 DUSSEILIER J
  MEETS: JAN 13-MAY 9

TOP CULT AN THEORY ANTHR 419A 3 CREDITS
Prereq: ANTHR 306
Note: Available for nonmajor graduate credit
9605005 TR 3:40-5:00 ARNDT G
  MEETS: JAN 13-MAY 9

FORENSIC ANTHROPOLOGY ANTHR 424 3 CREDITS
Prereq: 201 OR 301, 319 RECOMMENDED.
7719005 1 MF 1:10-2:00 MEETS: JAN 13-MAY 9

INTERNSHIP ARCHAEOLOGY ANTHR 434A 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434 MAY BE USED TO SATISFY ANTHOR CORE COURSE REQUIREMENTS FOR THE MAJOR OR FOR THE ANTHR MINOR. Satisfactory-Fail Only.
7718005 1 ARRANGED MEETS: JAN 13-MAY 9

PRACTICUM ARCHAEOLOGY ANTHR 451A 1-3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
4780005 MEETS: JAN 13-MAY 9

PRACTICUM CULTURAL ANTHR 451B 1-3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
1095005 ARRANGED MEETS: JAN 13-MAY 9

PRACTICUM BIOLOGCCL ANTHR 451C 1-3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
1102005 MEETS: JAN 13-MAY 9

PRACTICUM LINGUIST ANTHR 451D 1-3 CREDITS
Prereq: 201 OR 202 OR 308
Note: Instructor permission required.
1167005 MEETS: JAN 13-MAY 9

BIOLOGICAL ANTHROPOLOGY ANTHR 482C 3 CREDITS
Prereq: 307
7694005 TR 12:40-2:00 MEETS: JAN 13-MAY 9

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

ANTHROPOLOGY (CONTINUED)

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

APPLIED ANTHROPOLOGY ANTHR 511 3 CREDITS
Prereq: 6 CREDITS IN ANTHR; 201 OR 306
Note: Meets international perspectives reqmt.
7523005 1 MF 2:10-3:00 DUSSEILIER J
  MEETS: JAN 13-MAY 9

SKELETAL BIOLOGY ANTHR 519 3 CREDITS
Prereq: 307 OR COLLEGE LEVEL BIOL RECOMMENDED
2760005 MF 11:00-11:50 TR 4:10-6:00PM
  MEETS: JAN 13-MAY 9

CUR ISSU NATIV N AM ANTHR 532 3 CREDITS
Prereq: 6 CREDITS IN ANTHR; 201 OR 306; 322 OR AM IN 210 RECOMMENDED
Note: Course restricted to graduate students only
7532005 TR 11:00-12:20 HILL C
  MEETS: JAN 13-MAY 9

ASIAN AM MATRL CULT ANTHR 533 3 CREDITS
Prereq: Meets U.S. diversity reqmt.
9137005 MF 11:00-11:50 DUSSEILIER J
  MEETS: JAN 13-MAY 9

SEMINAR FORENSIC SCI ANTHR 541 1 CREDIT
Prereq: One 200-LEVEL SCIENCE COURSE OR GRADUATE CLASSIFICATION
5249005 W 11:00-12:30 MEETS: JAN 13-MAY 9

RSRCHP&PSRT FORENSC ANTHR 542 1 CREDIT
5259005 ARRANGED MEETS: JAN 13-MAY 9

ARCHAEOLOGY SEMINAR ANTHR 555 3 CREDITS
Prereq: 308 OR 429
Note: Course restricted to graduate students only
1652005 W 5:10-8:00PM HILL M
  MEETS: JAN 13-MAY 9

BIOL ANTH POP CONSV ANTHR 582C 3 CREDITS
Prereq: 307
7723005 TR 12:40-2:00 MEETS: JAN 13-MAY 9

GRAD INDEPENDENT STUDY ANTHR 590 1-4 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Course restricted to graduate students only
Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

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

APPAREL, EVENTS & HOSPITALITY MGMT

ORIENTN AP., EVNT., HSP AESHM 112X 1 CREDIT
Prereq: CLASSIFICATION IN AN AESHM DEPARTMENT
9378005 1 M 11:00-11:50 MEETS: JAN 13-MAY 9
Note: Sec 1 restricted to HR, HSP M, EVENT MAJORS ONLY
9378010 2 M 11:00-11:50 MEETS: JAN 13-MAY 9
Note: Sec 2 restricted to A M D MAJORS ONLY
APPROVAL: EVENTS & HOSPITALITY MGMT (CONTINUED)

PROP: NL DEVELOPMENT
AESHM 113X 2 CREDITS
Prereq: NEW STUDENTS: CONCURRENT ENROLLMENT
9395005 1 TR 3:40-4:30
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO HR, HSP M, EVENT T
MAJORS ONLY
9395010 2 TR 3:40-4:30
MEETS: JAN 13-MAY 9
Note: SEC 2 RESTRICTED TO A M D MAJORS ONLY

SUP VRK EXP I:HSYP
AESHM 170D 1 CREDIT
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
1107005 ARRANGED
MEETS: JAN 13-MAY 9

SUP VRK EXP I:EVNT
AESHM 170F 1 CREDIT
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
1113005 ARRANGED
MEETS: JAN 13-MAY 9

SUP VRK EXP I:APPAR
AESHM 170N 1 CREDIT
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
1125005 ARRANGED
MEETS: MARCH 10-MAY 9

FINANC APP HSYP GRT
AESHM 175D 2 CREDITS
Satisfactory-Fail Only.
2237005 1A ARRANGED
MEETS: JAN 13-MARCH 7
Note: SEC 1A RESTRICTED TO CS A, CS H, EVENT, HRI & OR HSP M MAJORS ONLY
Course delivery is WWW
2237010 1B ARRANGED
MEETS: JAN 13-MARCH 7
Note: Course delivery is WWW

FINANCL APP APPAREL
AESHM 175N 2 CREDITS
7809005 1A ARRANGED
MEETS: MARCH 10-MAY 9
Note: SEC 1A RESTRICTED TO A M D, AMDP MAJORS ONLY
Course delivery is WWW
7809010 1B ARRANGED
MEETS: MARCH 10-MAY 9
Note: Course delivery is WWW

LDRSHP EXPNCDEVEP
AESHM 211X 3 CREDITS
9595005 MWF 1:10-2:00
MEETS: JAN 13-MAY 9
Note: SEC 2 FOR MAJORS OTHER THAN A M D, AMDP MAJORS ONLY
9595010 2 MWF 9:00-9:50
MEETS: JAN 13-MAY 9
Note: SEC 2 FOR MAJORS OTHER THAN A M D, EVENT, HRI OR HSP M.

SUP VRK EXP II:HSYP
AESHM 270D 1 2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR HRI
Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
1132005 ARRANGED
MEETS: JAN 13-MAY 9

SUP VRK EXP II:EVNT
AESHM 270F 1 2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM, HRI, OR A M D
Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
1203005 ARRANGED
MEETS: JAN 13-MAY 9

SUP VRK EXP II:APPAR
AESHM 270N 1 2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR A M D
Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
1270005 ARRANGED
MEETS: MARCH 10-MAY 9

SUP VRK EXP II:ISU
AESHM 270P 1 2 CREDITS
Prereq: MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; SOPHOMORE CLASSIFICATION; 6 CR IN AESHM OR HRI
Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
1282005 ARRANGED
MEETS: JAN 13-MAY 9

SUP VRK EXP II:APPA
AESHM 270F 1 2 CREDITS
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
1270005 ARRANGED
MEETS: MARCH 10-MAY 9

SUP VRK EXP II:ISU
AESHM 270P 1 2 CREDITS
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
1282005 ARRANGED
MEETS: JAN 13-MAY 9

SUP VRK EXP II:ISU
AESHM 270P 1 2 CREDITS
Prereq: PERMISSION BY APPLICATION; FRESHMAN CLASSIFICATION
Note: NO MORE THAN 12 CREDITS FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
1282005 ARRANGED
MEETS: JAN 13-MAY 9

FASHN SHOW PRODPRM
AESHM 272X 1 3 CREDITS
Prereq: INSTRUCTOR PERMISSION, APPLICATION
Submitted on DEPARTMENT FORM
9593005 1A W 6:10-8:00PM
ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 1A OFFERED FOR 3 CREDITS SPRING 2014
9593010 1B W 6:10-8:00PM
MEETS: JAN 13-MAY 9
Note: SEC 1B OFFERED FOR 2 CREDITS SPRING 2014
Instructor permission required.

RETAIL MERCHANDISING
AESHM 275 3 CREDITS
Prereq: 3 CREDITS IN MATH
2853005 1A TR 11:00-12:20
MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO T C, AMD, AMDP MAJORS ONLY
2853010 1B TR 11:00-12:20
MEETS: JAN 13-MAY 9
Note: SEC 1B RESTRICTED TO HRI, HSP M, EVENT MAJORS ONLY

OREN U.S. FLD STDY
AESHM 280 R CREDIT
1286005 W 5:10-6:00PM
ARRANGED
MEETS: MARCH 10-MAY 9
Note: ORIENTATION FOR FIELD TRIP TO LOS ANGELES SPRING 2014
Instructor permission required.

OREN INT'L FLD STDY
AESHM 281 1 CREDIT
1293005 CN R 7:10-8:00PM
MEETS: JAN 13-MAY 9
Note: SEC CN ORIENTATION FOR FIELD TRIP TO LOS ANGELES SPRING 2014
Instructor permission required.

PRIN MGMT HUMAN SCI
AESHM 287 3 CREDITS
2853005 1A TR 11:00-12:20
MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO T C, AMD, AMDP MAJORS ONLY
2853010 1B TR 11:00-12:20
MEETS: JAN 13-MAY 9
Note: SEC 1B RESTRICTED TO A M D, AMDP STUDENTS ONLY
2853015 1C TR 11:00-12:20
MEETS: JAN 13-MAY 9
Note: SEC 1C RESTRICTED TO HRI, HSP M, EVENT MAJORS

APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED)
APPAREL, EVENTS & HOSPITALITY MGMT

AESTHCS CNSMR XPCC AESHM 342 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt.
4609005 1A 2WF 1:30-3:00
MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO HRI, HSP M, EVENT MAJORS.
4609010 1B 2WF 1:30-3:00
MEETS: JAN 13-MAY 9
Note: SEC 1B RESTRICTED TO AMD, AMDP, T C MAJORS
4609015 1C 2WF 1:30-3:00
MEETS: JAN 13-MAY 9
Note: SEC 1C FOR MAJORS OTHER THAN HRI, HSP M, EVENT, T C.

BRAND MGMT & PROMOTNS AESHM 377 3 CREDITS
Prereq: A M D 245; AESHM 340 OR Mkt 340
Note: COURSE RESTRICTED TO EVENT MAJORS
6626005 1 MWF 2:10-3:00
MEETS: JAN 13-MAY 9

U.S. FIELD STUDY AESHM 380 1-3 CREDITS
Prereq: 9 CREDITS IN AESHM, HRI, EVENT, AND/OR A M D; SOPHOMORE CLASSIFICATION; MINIMUM 2.0 GPA. PERMISSION BY APPLICATION.
Field trips & travel fee $400.00-$1,500.00

COOPERATIVE EDUCAT AESHM 398 R CREDIT
Prereq: PERMISSION OF ADVISOR; JR CLASSIFICATION
1002005 1 ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO HRI, HSP M MAJORS ONLY
1002010 2 ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 2 RESTRICTED TO EVENT MAJORS ONLY
1002015 3 ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 3 RESTRICTED TO A M D MAJORS ONLY

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

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

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

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

DRESS & DIVERSITY SOCIE A M D 165 3 CREDITS
Note: Meets U.S. diversity reqmt.
6603010 1A TR 12:30-1:15
MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO AMD, A M D, T C MAJORS ONLY
6603015 1B TR 12:30-1:15
MEETS: JAN 13-MAY 9
Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D, T C.
TEXTILE SCIENCE A M D 204 4 CREDITS
Prereq: 3 CR IN T C
6604005 1A TR 8:00-9:20
T 3:10-5:00
MEETS: JAN 13-MAY 9
6604010 2A TR 8:00-9:20
F 9:00-10:50
MEETS: JAN 13-MAY 9
6604015 3A TR 8:00-9:20
F 11:10-4:00
MEETS: JAN 13-MAY 9
6604020 4A TR 8:00-9:20
T 1:10-3:00
MEETS: JAN 13-MAY 9
CPR APP DIGIT DSIGN A M D 210 3 CREDITS
Prereq: T C 131, T C 245 OR CONCURRENT; AESHM 111
5087005 1A T 1:10-3:00, ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO AMD, A M D MAJORS ONLY
5087010 1B T 1:10-3:00, ARRANGED
MEETS: JAN 13-MAY 9
5087015 2A R 1:10-3:00, ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 2A RESTRICTED TO AMD, A M D MAJORS ONLY.
5087020 2B R 1:10-3:00, ARRANGED
MEETS: JAN 13-MAY 9
APPARL ASSEMBLY PROC A M D 221 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN T C 204
6602005 1 MWF 8:00-9:50
TR 11:00-12:50
MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6602010 2 M 9:00-9:50
WF 2:10-4:00
MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6602015 3 M 9:00-9:50
TR 8:00-9:20
MEETS: JAN 13-MAY 9
Note: SEC 3 RESTRICTED TO A M D, AMDP MAJORS ONLY
PATTERNMAKING I A M D 225 4 CREDITS
Prereq: T C 204, T C 221. PERMISSION OF INSTRUCTOR
6607005 1 MWF 8:00-9:50
MEETS: JAN 13-MAY 9
Note: Instructor permission required.
6607010 2 MWF 10:00-11:50
MEETS: JAN 13-MAY 9
Note: Instructor permission required.
PRODUCT DEVELOPMENT A M D 231 4 CREDITS
Prereq: T C 204
6608005 1 TR 9:30-10:50
W 12:10-2:00
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO AMD, A M D, T C MAJORS ONLY
6608010 2 TR 9:30-10:50
R 4:10-6:00PM
MEETS: JAN 13-MAY 9
6608015 3 TR 9:30-10:50
R 2:10-4:00
MEETS: JAN 13-MAY 9
AESTHETIC BRAND IMAG A M D 245 3 CREDITS
Prereq: T C 131, T C 165; CREDIT OR ENROLLMENT IN T C 204
6609005 1 MWF 1:10-2:00
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO A M D, AMDP, T C MAJORS ONLY
6609010 2 MWF 1:10-2:00
MEETS: JAN 13-MAY 9
Note: SEC 2 FOR MAJORS OTHER THAN AMDP, A M D, T C
FASHION ILLUSTRATION A M D 278 3 CREDITS
Prereq: T C 131, T C 245 OR CONCURRENT ENROLLMENT, PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO AMD, A M D, T C MAJORS ONLY; instructor permission required.
6611005 1 MWF 12:10-2:00
MEETS: JAN 13-MAY 9
6611010 2 MWF 2:10-4:00
MEETS: JAN 13-MAY 9
APPARL MERCHANDISING, DESIGN (CONTINUED)
BASIC DSIGN CNCP REVW A M D 301 1 CREDIT
Prereq: COMPLETION OR ENROLLMENT IN T C 225, T C 278
Note: Instructor permission required.
5692005 1 ARRANGED
MEETS: MARCH 10-MAY 9
CPR INTEGRATED DESIGN A M D 321 3 CREDITS
Prereq: T C 210, CREDIT IN T C 278 OR CONCURRENT
Note: Instructor permission required.
4605005 1 MF 2:10-4:00
MEETS: JAN 13-MAY 9
PATTERNMAKING II A M D 325 3 CREDITS
Prereq: T C 301; PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7199005 1 MF 12:10-2:00
MEETS: JAN 13-MAY 9
MEETS: JAN 13-MAY 9
DESIGN SEMINAR A M D 328 VAR. CREDITS
Prereq: VARIES BY TOPIC
5692005 2 TR 3:00-5:00PM
MEETS: JAN 13-MAY 9
Note: SEC 1 OFFERED FOR 3 CREDIT SPRING 2014
5692010 2 MF 2:10-4:00
MEETS: JAN 13-MAY 9
Note: SEC 2 OFFERED FOR 3 CREDITS SPRING 2014
5692015 3 TR 11:00-1:20
MEETS: JAN 13-MAY 9
Note: SEC 3 OFFERED FOR 3 CREDITS SPRING 2014
HIST 20TH CFASHION A M D 356 3 CREDITS
Prereq: 3 CREDITS IN HIST OR ART H. RECOMMEND
4473005 1A TR 12:10-1:30
MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO A M D, AMDP MAJORS ONLY
4473010 1B TR 12:10-1:30
MEETS: JAN 13-MAY 9
Note: SEC 1B FOR MAJORS OTHER THAN AMD, AMDP.
CULTUR PERSP DS FASHION A M D 362 3 CREDITS
Prereq: T C 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
Note: Meets international perspectives reqmt
6622005 1A MF 10:00-10:50
MEETS: JAN 13-MAY 9
6622010 1B MF 10:00-10:50
MEETS: JAN 13-MAY 9
Note: SEC 2B FOR MAJORS OTHER THAN AMDP, A M D, T C.
SOURCE&GLOBAL ISSUES A M D 372 3 CREDITS
Prereq: T C 231, AESHM 275. RECOMMEND ECON 101 OR
ECON 102
8133005 1 TR 12:10-1:30
MEETS: JAN 13-MAY 9
Note: COURSE RESTRICTED TO A M D, AMDP, T C MAJORS ONLY.
MEETS international perspectives reqmt
MECH PLAN& CONTROL A M D 376 4 CREDITS
Prereq: AESHM 275; 3 CREDITS FROM ACCT 284, MATH 104, MATH 105, MATH 150 OR EQUIVALENT
6625005 1 MF 3:10-4:00
F 3:10-5:00
ARRANGED
MEETS: JAN 13-MAY 9
Note: COURSE RESTRICTED TO A M D, AMDP, T C MAJORS ONLY
TEXTILE DESIGN TECHN A M D 404 3 CREDITS
Prereq: T C 204, T C 245; ONE NATURAL SCIENCE COURSE (PHYSICS OR CHEMISTRY RECOMMENDED)
6613005 1 TR 12:10-1:30
MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO A M D, AMDP MAJORS ONLY
CRAFT DESIGN PROCES A M D 426 3 CREDITS
Prereq: A M D 301, A M D 321
6619005 1 MF 10:00-11:50
MEETS: JAN 13-MAY 9
Note: Instructor permission required.
APPARL PRODUCTION A M D 431 3 CREDITS
Prereq: A M D 231. A M D 221 IS RECOMMENDED.
Note: COURSE RESTRICTED TO AMD, A M D, T C MAJORS ONLY
6618005 1 TR 12:10-1:30
MEETS: JAN 13-MAY 9
IND STU TEXTILE SCI A M D 490A VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS
APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

IND ST TXADDR HIS A M D 490B VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU TXTLAP DSN A M D 490C VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY AESTHETICS A M D 490D VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU SOC&PSY T C A M D 490F VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY HONORS A M D 490H VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTR, ADVISER
AND DEPT CHAIR, MEMBERSHIP IN UNIV HONS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY MUSEUMS A M D 490M VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY TECH DESIGN A M D 490O VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY P & PUBLISH A M D 490T VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY PROD CTN MGT A M D 490W VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SENIOR DESIGN STUDIO A M D 495 3 CREDITS
Prereq: A M D 325, A M D 426, PERMISSION OF
INSTRUCTOR
3914005 1 TR 8:00-10:50
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

FASHION FOCUS/A & O A M D 496 3 CREDITS
Prereq: T C 231, T C 240, AEMH 275
4507005 1 TR 9:00-11:50
MEETS: JAN 13-MAY 9

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED)

UNDERGRAD RESEARCH A M D 499 1-3 CREDITS
Prereq: SENIOR CLASSIFICATION, 15 CREDITS IN A M D;
PERMISSION OF ADVISER, DEPT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

TEXTILE COLOR THEORY A M D 504 3 CREDITS
Prereq: A M D 204, A M D 245; ONE NATURAL SCIENCE
4170005 1 TR 11:00-12:20
MEETS: JAN 13-MAY 9
Note: Materials fee $30.00

COURSE OFFERED FOR 3 CREDITS SPRING 2014
5768005 1 TR 3:10-5:50
MEETS: JAN 13-MAY 9
Note: Materials, field trips $95.00
5768015 2 MF 2:10-4:10
MEETS: JAN 13-MAY 9
Note: Materials, field trips $95.00
5768015 3 TR 2:10-3:30
MEETS: JAN 13-MAY 9
Note: Materials, field trips $95.00

INDUS APP MCHDS&MGT A M D 576 3 CREDITS
Prereq: A M D 376 OR EQUIVALENT, AEMH 275,
PERMISSION OF INSTRUCTOR
4253005 1 TR 3:10-5:50
MEETS: JAN 13-MAY 9

TEXTILE SCI A M D 590A VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

TEXTIL A M D 590B VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

COURSE (PHYSICS OR CHEMISTRY RECOMMENDED)

TXTL&AP DSGN A M D 590C VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

AESTHETICS A M D 590D VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

COURSE (PHYSICS OR CHEMISTRY RECOMMENDED)

PLANNING A M D 590E VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

MUSCLE A M D 590F VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

COURSE (PHYSICS OR CHEMISTRY RECOMMENDED)

HIST C AESTHETICS A M D 590G VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

COURSE (PHYSICS OR CHEMISTRY RECOMMENDED)
MEETS: JAN 13-MAY 9
1752005   1 TR 6:50-9:20PM         PAXSON L
Prereq: APPROVAL OF INSTN & DEPT CHAIR ON REQ FORM
Note: Department permission required.
*******     SEE DEPT FOR REFERENCE NUMBERS
IND STUDY HIST ARCH  490D 1- 9 CREDITS
Prereq: APPROVAL OF INSTN & DEPT CHAIR ON REQ FORM
Note: Department permission required.
*******     SEE DEPT FOR REFERENCE NUMBERS
IND STUDY BEHAV STD ARCH  490E 1- 9 CREDITS
Prereq: APPROVAL OF INSTN & DEPT CHAIR ON REQ FORM
Note: Department permission required.
*******     SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY PRACTICE ARCH  490F 1- 9 CREDITS
Prereq: APPROVAL OF INSTN & DEPT CHAIR ON REQ FORM
Note: Department permission required.
*******     SEE DEPT FOR REFERENCE NUMBERS
INDEP STUDY HONORS ARCH  490H 1- 9 CREDITS
Prereq: APPROVAL OF INSTN & DEPT CHAIR ON REQUIRED FORM, MEMBERSHIP IN THE HONORS PROGRAM.
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
Department permission required.
*******     SEE DEPT FOR REFERENCE NUMBERS
ARCH DSGN&MEDIA II ARCH  506 1- 9 CREDITS
Prereq: ARCH 505, ARCH 542, ARCH 595 AND CONCURRENT ENROLLMENT IN ARCH 542 AND ARCH 596
7753005     TR 1:10-2:40          MEETS: JAN 13-MAY 9
TOP STDI ARCH&CU LTR ARCH  528A 2- 3 CREDITS
Prereq: 221, 222 OR SR CLASSIF OR GRAD CLASSIFICATION
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014.
1731010     2 T 8:00-10:50          MEETS: JAN 13-MAY 9
Note: SEC 2 TOPIC: GOODNESS & BEAUTY
1731015     3 T 4:10-6:40PM         MEETS: JAN 13-MAY 9
Note: SEC 3 TOPIC: ARCH ORPHANS: INTL ARCH & URBANISM
1731025     5 T 4:10-6:40PM         MEETS: JAN 13-MAY 9
1731030     6 M 6:40-9:10PM          MEETS: JAN 13-MAY 9
Note: SEC 6 TOPIC: MEANING AND FORM
1731035     7 R 8:00-10:50          MEETS: JAN 13-MAY 9
Note: SEC 7 TOPIC: GOODNESS AND BEAUTY
1731045     9 R 4:10-6:00PM          MEETS: JAN 13-MAY 9
Note: SEC 9 TOPIC: SUSTAINABLE URBAN NON-WESTERN
1731055     11 TR 8:00-10:50         MEETS: MARCH 10-MAY 9
TOPCL STDI COMM UCAT ARCH  528C 2- 3 CREDITS
Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2013
1326005     MW 6:30-8:00PM          MEETS: JAN 13-MAY 9
ADV CMPTU- AID ARCH ARCH  534 3 CREDITS
Prereq: ARCH 434 AND PERMISSION OF INSTRUCTOR
1735005     1 TR 9:30-10:50          MEETS: JAN 13-MAY 9
ADV THREE-DI STUDIO ARCH ARCH  535 3 CREDITS
Prereq: ARCH 435 OR GRADUATE CLASSIFICATION
1736005     1 TR 12:40-3:00          MEETS: JAN 13-MAY 9
1736010     2 TR 9:30-11:50         MEETS: JAN 13-MAY 9
SCI&TECH FOR ARC II ARCH  542 5 CREDITS
Prereq: ARCH 505, ARCH 541, ARCH 595 AND CONCURRENT ENROLLMENT IN ARCH 506 AND ARCH 596
7735005     TR 2:10-3:30          MEETS: JAN 13-MAY 9
PRESERVAT & REHABTN ARCH ARCH  567 3 CREDITS
Prereq: SENIOR CLASSIFICATION
4720005     1 TR 9:30-10:50          MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO ARCH MAJORS ONLY
4721005     2 TR 9:30-10:50         MEETS: JAN 13-MAY 9
Note: SEC 2 FOR MAJORS OTHER THAN ARCH, ARCH
CONTEM URB DSN THRY ARCH ARCH  575 3 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
Note: TOPIC: PUBLIC SPACE
1752005     1 TR 6:50-9:20PM          MEETS: JAN 13-MAY 9
ARCHITECTURE                              (CONTINUED)
SPRING 2014
52
SPECIAL TOPICS ARCH ARCH  590 1- 5 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON APPROVED FORM
*******     SEE DEPT FOR REFERENCE NUMBERS
SEMN BUILT ENVIR II ARCH ARCH  596 5 CREDITS
Prereq: ARCH 505, ARCH 541, ARCH 595 AND ARCH 542
7926005     T 9:30-11:50          MEETS: JAN 13-MAY 9
SEMN BUILT ENVIR IV ARCH ARCH  598 3 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
1721005     1 T 4:10-6:40PM         MEETS: JAN 13-MAY 9
Note: SEC 1 TOPIC: ARCH ORPHANS: INTL ARCH & URBANISM
1721010     2 R 4:10-6:40PM         MEETS: JAN 13-MAY 9
Note: SEC 2 TOPIC: SUSTAINABLE URBAN NON-WESTER
CMMNTY, BLDG & ENVIR ARCH ARCH  602 6 CREDITS
Prereq: ARCH 601, ARCH 643, ARCH 597 AND CONCURRENT ENROLLMENT IN ARCH 644
Note: COURSE RESTRICTED TO ARCH MAJORS ONLY
1760005     F 4:10-5:20          MEETS: JAN 13-MAY 9
1633005     MFN 1:10-5:20          MEETS: JAN 13-MAY 9
DESIGN STUDIO OPTNS ARCH ARCH  604 6 CREDITS
Prereq: ARCH 602
1633005     MFN 1:10-5:20          MEETS: JAN 13-MAY 9
1746005     1 W 3:00-11:50         MEETS: JAN 13-MAY 9
SCl&TECH FOR ARCH IV ARCH ARCH  644 3 CREDITS
Prereq: ARCH 642 OR GRADUATE CLASSIFICATION
1746005     1 W 3:00-11:50         MEETS: JAN 13-MAY 9
INDEP DESIGN STUDY ARCH ARCH  690 6 CREDITS
Prereq: ADMISSION TO THE M. S. IN ARCH. PROGRAM
Note: Department permission required.
*******     SEE DEPT FOR REFERENCE NUMBERS
GRADUATE SEMINAR ARCH ARCH  698 2 CREDIT
Prereq: ADMISSION TO THE M. ARCH. OR M. S. IN ARCH. PROGRAMS
1749005     1 T 12:40-2:00         MEETS: JAN 13-MAY 9
RESEARCH ARCH ARCH  699 3- 9 CREDITS
*******     SEE DEPT FOR REFERENCE NUMBERS
ART & DESIGN
STUDIO ARTS EURO SEM ART ART  494A 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR AND PLANNED ENROLLMENT IN 495
Note: Meets international perspectives reqmt
1680005     M 7:10-8:00          MEETS: JAN 13-MAY 9
GRAPHIC DSN EUR SEM ART ART  496G 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR AND PLANNED ENROLLMENT IN 495
Note: Meets international perspectives reqmt
1710005     R 7:30-9:00PM          JONES B
Note: Meets international perspectives reqmt
1760005     F 4:10-6:00PM          MEETS: MARCH 10-MAY 9
STUDIO INTERNSHIP ART ART  497 1- 6 CREDITS
Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR, WRITTEN APPROVAL OF SUPERVISING INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required.
Satisfactory-Fail Only
*******     SEE DEPT FOR REFERENCE NUMBERS
MUSEUM/GLRRY INTERN ART ART  498 1- 6 CREDITS
Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR, WRITTEN APPROVAL OF SUPERVISING INSTR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Note: Department permission required.
7821005     A ARRANGED
Note: SEC 1 RESTRICTED TO ARCH MAJORS ONLY
Note: SEC 2 FOR MAJORS OTHER THAN ARCH, ARCH
SEMINAR IN TEACHING ART ART  511 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
8370005     R 6:50-9:20PM          MEETS: JAN 13-MAY 9
CROYLE C
### Art and Design

**Museum/Gallery Intern**
- **ART 598** 1–6 credits
  - Prerequisite: Written approval of department head.
  - Meets: Jan 13–May 9
  - Note: Department permission required.

**Studio Internship**
- **ART 697** Var. credits
  - Prerequisite: Written approval of instructor and department head.
  - Meets: Jan 13–May 9
  - Note: Course restricted to graduate students only.

**Independent Study**
- **ART H 490** 1–6 credits
  - Prerequisite: Written approval of instructor.
  - Meets: Jan 13–May 9
  - Note: Course restricted to university honors students only.

**Thesis Research**
- **ART 699A** Var. credits
  - Note: Course restricted to graduate students only.

**Art History**

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<tr>
<th>Course Code</th>
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**Astronomy & Astrophysics**

**North Star Astronomy**
- **ASTRO 102** 1 credit
  - Note: Students who take Astro 120 may apply credit toward graduation.
  - Meets: Jan 13–May 9

**Independent Study**
- **ART 590** Var. credits
  - Note: Course restricted to graduate students only.

**Thesis Research**
- **ART 699A** Var. credits
  - Note: Course restricted to graduate students only.

**Art History**

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**Astronomy & Astrophysics**

**North Star Astronomy**
- **ASTRO 102** 1 credit
  - Note: Students who take Astro 120 may apply credit toward graduation.
  - Meets: Jan 13–May 9

**Independent Study**
- **ART 590** Var. credits
  - Note: Course restricted to graduate students only.

**Thesis Research**
- **ART 699A** Var. credits
  - Note: Course restricted to graduate students only.

**Art History**

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**Astronomy & Astrophysics**

**North Star Astronomy**
- **ASTRO 102** 1 credit
  - Note: Students who take Astro 120 may apply credit toward graduation.
  - Meets: Jan 13–May 9

**Independent Study**
- **ART 590** Var. credits
  - Note: Course restricted to graduate students only.

**Thesis Research**
- **ART 699A** Var. credits
  - Note: Course restricted to graduate students only.

**Art History**

<table>
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<tr>
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<th>Credits</th>
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<th>Time</th>
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**Astronomy & Astrophysics**

**North Star Astronomy**
- **ASTRO 102** 1 credit
  - Note: Students who take Astro 120 may apply credit toward graduation.
  - Meets: Jan 13–May 9

**Independent Study**
- **ART 590** Var. credits
  - Note: Course restricted to graduate students only.

**Thesis Research**
- **ART 699A** Var. credits
  - Note: Course restricted to graduate students only.

**Art History**

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</table>
RESEARCH
ASTRO 699 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

ATHLETIC TRAINING

BASIC ATHLETIC TRAIN A TR 220 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN KIN 222 AND PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Satisfactory-Fail Only.
5729005 1 M 8:00-8:50
W 8:00-9:50
MEETS: JAN 13-MAY 9
5729010 2 M 8:00-9:50
F 8:00-9:50
MEETS: JAN 13-MAY 9
5729015 3 M 8:00-8:50
T 8:00-9:50
MEETS: JAN 13-MAY 9

PRE-ATH TRAIN PRACT A TR 221 1 CREDIT
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Satisfactory-Fail Only.
6654005 1 T 11:00-11:50
ARRANGED
6654010 2 R 11:00-11:50
ARRANGED
6654015 3 T 11:00-11:50
ARRANGED

EVAL ATH INJURIES I A TR 224 3 CREDITS
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Satisfactory-Fail Only.
6655005 1 T 9:30-10:20
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

ATHL INJURY I PRACT A TR 225 1 CREDIT
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Satisfactory-Fail Only.
6670005 1 ARRANGED
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

INTRO TAPE, EQP, BRAC A TR 240 1 CREDIT
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Satisfactory-Fail Only.
2583005 1 T 10:30-12:20
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

BASIC ATHLETIC TRAIN A TR 222 3 CREDITS
Prereq: BIOL 225, 255
7917005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 9

EVID-BASE MED DISCU A TR 224 2 CREDITS
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Satisfactory-Fail Only.
5775005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 9
Note: Department permission required.

REHAB ATH INJURIES I A TR 326 3 CREDITS
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Satisfactory-Fail Only.
5373005 1 MWF 9:00-9:50
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

REHAB ATH INJURIES II A TR 327 1 CREDIT
Prereq: PERMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
Satisfactory-Fail Only.

ATHLETICS

INTERCOL BASKETBALL ATH 101B 1 CREDIT
Prereq: PERMISSION OF HEAD COACH
Note: MICH. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
Satisfactory-Fail Only.
1974005 ARRANGED
MEETS: JAN 13-MAY 9

ASTRONOMY & ASTROPHYSICS (CONTINUED)

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS
1951115 W TR 11:00-11:50
MEETS: JAN 13-MAY 9
1951120 Z TR 12:10-1:00
MEETS: JAN 13-MAY 9

SKY & SOLAR SYST LAB ASTRO 125L 1 CREDIT
Prereq: CONCURRENT OR PREVIOUS ENROLLMENT IN 120
2522005 1 M 8:00-9:50PM
MEETS: JAN 13-MAY 9
2522010 2 T 8:00-9:50PM
MEETS: JAN 13-MAY 9
2522015 3 W 8:00-9:50PM
MEETS: JAN 13-MAY 9
2522020 4 R 8:00-9:50PM
MEETS: JAN 13-MAY 9

STARS, GALAXIES & COSM ASTRO 150 3 CREDITS
1952005 1 TR 1:10-2:00
W 9:00-9:50
MEETS: JAN 13-MAY 9
1952010 2 TR 1:10-2:00
W 10:00-10:50
MEETS: JAN 13-MAY 9
1952015 3 TR 1:10-2:00
W 11:00-11:50
MEETS: JAN 13-MAY 9
1952020 4 TR 1:10-2:00
W 12:10-1:00
MEETS: JAN 13-MAY 9
1952025 5 TR 1:10-2:00
W 11:00-12:00
MEETS: JAN 13-MAY 9

ASTRONOMY BIZARRE ASTRO 250 3 CREDITS
Prereq: 120 OR 150
4569005 W 2:10-3:00
MEETS: JAN 13-MAY 9

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

INTRO TO ASTROPHYSIC ASTRO 346 3 CREDITS
Prereq: PHYS 222
Note: Available for nonmajor graduate credit
8740005 Satisfactory-Fail Only.
MEETS: JAN 13-MAY 9

ASTROPHYSICAL PROCESS ASTRO 405 3 CREDITS
Prereq: 346 OR PERMISSION OF INSTRUCTOR
8791005 Satisfactory-Fail Only.
MEETS: JAN 13-MAY 9

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

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

INDEPENDENT STUDY ASTRO 490 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE APPLIED TOWARD GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEPENDENT STUDY ASTRO 490H 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

ASTROPHYSICAL PROCESS ASTRO 505 3 CREDITS
Prereq: 346 OR INSTRUCTOR PERMISSION
1961005 Satisfactory-Fail Only.
MEETS: JAN 13-MAY 9

GALACTIC ASTRONOMY ASTRO 584 3 CREDITS
Prereq: 495 OR 505
1963005 ARRANGED
MEETS: JAN 13-MAY 9

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

CREATIVE COMPONENT ASTRO 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ADVANCED SEMINAR ASTRO 650 1 CREDIT
1970005 Satisfactory-Fail Only.
MEETS: JAN 13-MAY 9
BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

BIOCHEMISTRY II BBMB 405 3 CREDITS
Prereq: BBMB 404
Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Available for nonmajor graduate credit.
2033005 MWF 11:00-11:50 BEITZ D
2036000 XW ARRANGED BEITZ D
MEETS: JAN 13-MAY 9
Note: Section XW is off campus.
Course delivery is WWW.

PHYSIOLOGICAL CHEM BBMB 420 3 CREDITS
Prereq: CHEM 332, BBMB 301 OR BIOL 314
Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. AG BIOCHEMISTRY, BIOPHYSICS AND BIOPHYSICS MAJORS MAY NOT APPLY CREDIT FOR BBMB 420 TOWARD THE DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE.
Available for nonmajor graduate credit.
2056000 XVW ARRANGED BEITZ D
MEETS: JAN 13-MAY 9
Note: Section XW is off campus.
Course delivery is WWW.

LAB MICR PHYSL,DVRS BBMB 440 4 CREDITS
Prereq: MICRO 302,302L, CHEM 332, BIOL 301L/313L
2090005 1 MW 1:10-5:00 MEETS: JAN 13-MAY 9
Note: Materials fee $225.00.

MOLECULR BIOPHYSICS BBMB 461 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CHEM 324 AND CHEM 325
2007005 TR 11:00-11:50 HONZATKO R
MEETS: JAN 13-MAY 9

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

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

COMPRIHS BIOCHEM II BBMB 502 4 CREDITS
Prereq: BBMB 501
2011005 MTRF 1:10-2:00 HONZATKO R
MEETS: JAN 13-MAY 9

INTRO DNA TECHNIQS BBMB 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Pass Only.
7099005 TR 1:10-2:00 MEETS: JAN 14-FEB 13
7099006 TR 2:10-4:00 MEETS: FEB 18-MARCH 27

INTRO PROTEIN TECHNQS BBMB 542B 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Pass Only.
7100005 TR 1:10-2:00 NOTT J
TR 2:10-4:00 NOTT J
MEETS: FEB 18-MARCH 27

INTRO CELL TECHNQS BBMB 542C 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Pass Only.
7101005 TR 1:10-2:00 MEETS: APRIL 1-MAY 1

INTR METLABMC TCNQ BBMB 542F 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Pass Only.
9009005 M 1:10-4:00, ARRANGED MEETS: FEB 10-APRIL 21

MOLECULAR BIOCHEMISTRY BBMB 561 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CHEM 324 & CHEM 325
1768005 TR 11:00-11:50 HONZATKO R
MEETS: JAN 13-MAY 9

MOLECULAR BIOLOGY BBMB 561L 2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN BBMB 461/561
1796005 1 T 7:10-8:00PM MEETS: JAN 13-MAY 9
W 9:00-11:50 MEETS: JAN 13-MAY 9
1796010 2 T 7:10-8:00PM MEETS: JAN 13-MAY 9
W 11:00-2:00 MEETS: JAN 13-MAY 9
1796015 3 T 7:10-8:00PM MEETS: JAN 13-MAY 9
W 3:10-6:00PM MEETS: JAN 13-MAY 9
1796020 4 T 7:10-8:00PM W 1:10-4:00 MEETS: JAN 13-MAY 9

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

WORKSHOP BIOCHEM&BIOI BBMB 593 1 CREDIT
Prereq: PERMISSION AND SIGNATURE OF COURSE ADMINISTRATOR REQUIRED
Note: SEE DEPT GUNNING FOR PERMISSION TO ADD.
4853005 R 5:10-9:00PM SHOGRN-KNAAK M
Note: Department permission required.

CARBOHYDRATE CHEM BBMB 622 2 CREDITS
Prereq: BBMB 404 OR BBMB 501
2024005 TR 4:10-5:00 MEETS: JAN 13-MAY 9

CURR TOPCS NEUROBIO BBMB 661 2-3 CREDITS
Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR
4707005 ARRANGED MEETS: JAN 13-MAY 9

BIOCHEM EUCARYOT GENE BBMB 676 2 CREDITS
Prereq: BBMB 404 OR BBMB 501, BBMB 405 OR BBMB 502 OR BIOL 313L
1848005 TR 11:00-12:20 MEETS: JAN 13-MAY 9

ADVANCED SEMINAR BBMB 681 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
2034005 T 4:10-6:00PM MEETS: JAN 13-MAY 9
2035005 R 4:10-6:00PM RAO A

RESEARCH SEMINAR BBMB 696 1 CREDIT
Satisfactory-Pass Only.
8831005 W 4:10-5:10 MEETS: JAN 13-MAY 9

MOLECULAR,MOLECULAR BIO (CONTINUED)

MOLECULAR BIOCHEMISTRY BBMB 698 1-2 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CHEM 324 & CHEM 325
8831005 W 4:10-5:10 MEETS: JAN 13-MAY 9

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

BIOENGINEERING

INTRO BIOMEDIC ENGR BBIO 220 3 CREDITS
Prereq: BIOL 212, ENGR 160 OR EQUIV, MATH 166, CHEM 167 OR CHEM 178, PHYS 222
8997005 MW 3:10-4:00 MEETS: JAN 13-MAY 9

BIINFORMATICS&COMPUTATIONAL BIOL-UG
BIOINFORMATICS AND COMPUTATIONAL BIOL

INDEPENDENT STUDY BCB 490 1–5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
****** SEE DEP'T FOR REFERENCE NUMBERS

ADV GENOME INFORMTC BCB 568 3 CREDITS
Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430, CREDIT OR ENROLLMENT IN GEN 411
2081005 TR 9:30-10:50
MEETS: JAN 13–MAY 9

COMP FUNC GENOM&BIO BCB 570 3 CREDITS
Prereq: BCB 567, BIOL 315, COM S 311, COM S 208 OR COM S 228, GEN 411, STAT 430
2125005 1 TR 12:40-2:00
MEETS: JAN 13–MAY 9

Satisfactory-Fail Only.

CAREER SERVICES
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
ENGINEER INTERNSHIP BSE 397 R CREDIT
MEETS: JAN 13–MAY 9

8499005 M 12:10-2:00, ARRANGED
MEETS: JAN 13–MAY 9

PRIN BIOL SYS ENGR BSE 380 3 CREDITS
Prereq: BSE 216, CH X 357
8499005 MW 12:10-1:00, F 12:10-2:00
MEETS: JAN 13–MAY 9

Satisfactory-Fail Only.
****** SEE DEP'T FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP BSE 397 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
****** SEE DEP'T FOR REFERENCE NUMBERS

BIOLOGICAL SYSTEMS ENGINEERING (CONTINUED)

COOPERATIVE EDUCATN BSE 398 R CREDIT
Prereq: BSE 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
****** SEE DEP'T FOR REFERENCE NUMBERS

AGRIC ENGR DESIGN I BSE 415 2 CREDITS
Prereq: A E 271 OR 272, E M 324
Note: COURSE RESTRICTED TO A E, BSE MAJORS ON AVAILABLE FOR NONMAJOR GRADUATE CREDIT
1821005 M 12:10-2:00, ARRANGED
MEETS: JAN 13–MAY 9

AG ENGR DESIGN II BSE 416 2 CREDITS
Prereq: 415
Note: COURSE RESTRICTED TO A E, BSE MAJORS ONLY AVAILABLE FOR NONMAJOR GRADUATE CREDIT
1853005 ARRANGED
MEETS: JAN 13–MAY 9

GRAIN PROCESS&HANDL BSE 469 3 CREDITS
Prereq: A E 216
4229005 MW 10:00–11:50 R 3:10-6:00
MEETS: JAN 13–MAY 9

IND STU BIORWN RSRC BSE 490B 1–4 CREDITS
****** SEE DEP'T FOR REFERENCE NUMBERS

IND STUDY FOOD ENGR BSE 490F 1–4 CREDITS
****** SEE DEP'T FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN BSE 498 R CREDIT
Prereq: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.
****** SEE DEP'T FOR REFERENCE NUMBERS

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

ILLUSTRATN& SOFTWR BPM I 326 3 CREDITS
Prereq: ARTIS 323
Note: Instructor permission required 1st week.
1857005 MW 6:10-9:00 PM
MEETS: JAN 13–MAY 9

APP SCI ILLUSTR TCNV BPM I 337 3 CREDITS
Prereq: ARTIS 327
9105005 TR 2:10-5:00
MEETS: JAN 13–MAY 9

FIELD ILLUSTRATION BPM I 395 1–3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE OFFERED FOR 2 CREDIT SPRING 2013.
7996005 ARRANGED
MEETS: JAN 13–MAY 9

INDEPENDENT STUDY BPM I 490 1–3 CREDITS
Note: WRITTEN APPROVAL OF INSTR & ADVISORY COMM CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMT
****** SEE DEP'T FOR REFERENCE NUMBERS

ILLUSTRATION INTERN BPM I 497 1–6 CREDITS
Note: WRITTEN APPROVAL OF SUPERVISING INSTR & ADVISORY COMM CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMT
Satisfactory-Fail Only.
****** SEE DEP'T FOR REFERENCE NUMBERS

BIOLOGY

INTRODUCTORY BIOL BIOL 101 3 CREDITS
2064005 1 MW 9:00-9:50
MEETS: JAN 13–MAY 9

2064010 2 TR 2:10-3:30
MEETS: JAN 13–MAY 9

2064015 3 ARRANGED
MEETS: JAN 13–MAY 9

Note: Course delivery is WWW
Info: http://www.elo.iastate.edu/biology-courses-information/

2064020 4 ARRANGED
MEETS: MARCH 10–MAY 9

Note: Course delivery is WWW
Info: http://www.elo.iastate.edu/biology-courses-information/

2064060 XW ARRANGED
PLEASANTS J
MEETS: JAN 13–MAY 9

Note: Section XW is off campus
Course delivery is WWW

OPPORTUNITI IN BIOL BIOL 111 .5 CREDIT
Satisfactory-Fail Only
7407005 T 4:10-5:00
MEETS: JAN 13–MAY 9
BIOLOGY (CONTINUED)

FUND HUMAN PHYSIOL BIOL 256L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN BIOL 256
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
6419090 17 R 9:00-11:50
6419095 18 R 12:10-3:00
6419100 19 R 9:00-11:50
6419105 20 R 12:10-3:00
6419110 21 R 3:10-6:00PM
6419115 22 R 6:10-9:00PM
6419025 23 R 3:10-6:00PM
MEETS: JAN 13-MAY 9

HUMAN REPRODUCTION BIOL 258 3 CREDITS
Prereq: BIOL 101 OR BIOL 155 OR BIOL 211
7084005 TR 11:00-12:20
BASTAWROS H
MEETS: JAN 13-MAY 9

METAB PHYSIOL MAMMAL BIOL 306 3 CREDITS
Prereq: BIOL 211, BIOL 212
Note: CREDIT FOR EITHER BIOL 306/306X OR BIOL 335, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
8911005 MWF 9:00-9:50
MEETS: JAN 13-MAY 9

PRINCIP OF GENETICS BIOL 313 3 CREDITS
Prereq: BIOL 211, BIOL 212
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOI 313 AND 313L, GEN/AGRON 320
9472005 1 MWF 12:10-1:10PM
MEETS: JAN 13-MAY 9

GENETICS LABORATORY BIOL 313L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN BIOL 313
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOI 313 AND 313L, GEN/AGRON 320
9473005 1 MWF 9:00-10:20
MEETS: JAN 13-MAY 9
9473010 2 MWF 1:10-2:30
MEETS: JAN 13-MAY 9
9473015 3 MWF 3:10-4:30
MEETS: JAN 13-MAY 9
9473020 4 MWF 5:10-6:30PM
MEETS: JAN 13-MAY 9
9473025 5 MWF 5:10-6:30PM
MEETS: JAN 13-MAY 9
9473030 6 TR 1:10-2:30
MEETS: JAN 13-MAY 9
9473035 7 TR 3:10-4:30
MEETS: JAN 13-MAY 9
9473040 8 TR 5:10-6:30PM
MEETS: JAN 13-MAY 9
9473045 9 MW 10:40-11:50
MEETS: JAN 13-MAY 9

BIOLOGY (CONTINUED)

GENETICS LABORATORY BIOL 313L 1 CREDIT
9473050 10 TR 9:00-10:10
MEETS: JAN 13-MAY 9

PRIN MOL MOL CELL BIOL 314 3 CREDITS
9474005 1 MWF 2:10-3:30
MEETS: JAN 13-MAY 9

BIOLOGICAL EVOLUTN BIOL 315 3 CREDITS
9604005 1 MWF 8:00-9:30
MEETS: JAN 13-MAY 9
5604005 1 MWF 8:00-9:50
MEETS: JAN 13-MAY 9

ECO/EVOL ANIM PHYSIOL BIOL 336 3 CREDITS
8850005 TR 2:10-3:30
MEETS: JAN 13-MAY 9

GENOME PRSPCTV BIOL 349X 2 CREDITS
Freed: GEN 333 OR GEN 320
9692005 TR 3:40-4:30
MEETS: JAN 13-MAY 9

COMPA CHORDATE ANAT BIOL 351 5 CREDITS
7090005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 9

VERTEBRAT HISTOLOGY BIOL 352 4 CREDITS
7091005 1 TR 10:00-11:50
MEETS: JAN 13-MAY 9

INTRO PARASITOLOGY BIOL 353 3 CREDITS
7088005 TR 9:30-10:50
MEETS: JAN 13-MAY 9

PLANTS & PEOPLE BIOL 355 3 CREDITS
Freed: BIOL 211, BIOL 211L
2082005 MWF 11:00-12:00
MEETS: JAN 13-MAY 9

PLANT SYSTEMATICS BIOL 366 4 CREDITS
2084010 TR 12:40-2:00
MEETS: JAN 13-MAY 9

ANALYS ENVIRON SYST BIOL 382 3 CREDITS
Freed: ENSCI 381
59
BIOLOGY (CONTINUED)

PRE-FLD TRIP SEMINR BIOL 393A 1 CREDIT
Prereq: Two courses BIOL SCI, Approval of Appl
1918005 1 ARRANGED
MEETS: JAN 13-MAY 9
Note: No approval to travel to boundary waters
SPRING 2014
Instructor permission required.

N AMERIC FIELD TRIP BIOL 393B 1-3 CREDITS
Prereq: Two courses BIOL SCI, Approval of Appl
1921005 1 ARRANGED
MEETS: JAN 13-MAY 9
Note: Open section travel to boundary waters SPRING 2014
Instructor permission required.

INTL FIELD TRIP SEM BIOL 394A 1 CREDIT
Prereq: Two courses in the biological sciences and by approval of application
Note: Must achieve international perspectives regnt.
Satisfactory-Fail Only.
3167005 ARRANGED
MEETS: JAN 13-MAY 9
Note: Department permission required.
3167800 HN ARRANGED
SAKAGUCHI D
MEETS: MARCH 15-22

INTERNAT FIELD TRIP BIOL 394B 1-3 CREDITS
Prereq: Two courses in the biological sciences and by approval of application
Note: Must achieve international perspectives regnt.
Satisfactory-Fail Only.
3223005 ARRANGED
MEETS: JAN 13-MAY 9
Note: Department permission required.
3223800 HN ARRANGED
SAKAGUCHI D
MEETS: MARCH 15-22

INTRO TO PATHOLOGY BIOL 402X 3 CREDITS
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
9539005 TR 4:10-5:30 HAYNES J
MEETS: JAN 13-MAY 9

DEVELOPMENTAL BIOL BIOL 423 3 CREDITS
Prereq: BIOL 313
7103005 1 MWF 11:00-2:00 MEETS: JAN 13-MAY 9

DEVELOPMNTL BIOL LAB BIOL 423L 1 CREDIT
Prereq: Credit or enrollment in BIOL 423
5680005 1 TR 12:10-1:30 MEETS: JAN 13-MAY 9

BRYOPHYT&LICHN DVRS BIOL 455 3 CREDITS
Prereq: BIOL 211 AND BIOL 211L
Note: Available for nonmajor graduate credit
8909005 MR 6:10-8:30PM MEETS: JAN 13-MAY 9

ORNITHOLOGY BIOL 458 2 CREDITS
Prereq: A ECL 365 OR BIOL 351
2140005 1 MW 10:00-11:50 DINSMORE S
MEETS: JAN 13-MAY 9
2140010 2 MW 10:00-11:50 DINSMORE S
MEETS: JAN 13-MAY 9

ORNITHOLOGY LAB BIOL 458L 1 CREDIT
Prereq: BIOL 351 OR BIOL 365 OR A ECL 365; Concurrent enrollment in A ECL 458 OR BIOL 458 REQ'D
9658005 1 T 7:00-9:50 DINSMORE S
MEETS: JAN 13-MAY 9
9658010 2 W 7:00-9:50 DINSMORE S
MEETS: JAN 13-MAY 9

MAMMALOLOGY BIOL 459 2 CREDITS
Prereq: A ECL 365 OR BIOL 351
2155005 1 MW 2:10-4:00 MEETS: JAN 13-MAY 9
2155010 2 MW 2:10-4:00 MEETS: JAN 13-MAY 9
Note: Materials, field trips 4/or travel fee $25.00

MAMMALOLOGY LABORATORY BIOL 459L 1 CREDIT
Prereq: BIOL 351 OR BIOL 365 OR A ECL 365; Concurrent enrollment in A ECL 459 OR BIOL 459 REQ'D
9660005 1 T 9:00-11:50 MEETS: JAN 13-MAY 9
9660010 2 W 9:00-11:50 MEETS: JAN 13-MAY 9

BIOLOGY (CONTINUED)

MORPHOMETRIC ANALYS BIOL 465 4 CREDITS
Prereq: Stat 401
Note: Available for nonmajor graduate credit
4411005 TR 2:10-3:30, ARRANGED
MEETS: JAN 13-MAY 9

INTRO CONSERVA BIOL 471 3 CREDITS
Prereq: BIOL 312
8907005 TR 9:30-10:45 MEETS: JAN 13-MAY 9

COMMUNITY ECOLOGY BIOL 472 3 CREDITS
Prereq: BIOL 312
Note: Available for nonmajor graduate credit
2100005 TR 11:00-12:20 MEETS: JAN 13-MAY 9

PLANT ECOLOGY BIOL 474 3 CREDITS
Prereq: BIOL 312
Note: Available for nonmajor graduate credit
2099005 TR 9:30-10:15 MEETS: JAN 13-MAY 9

ID AQUATIC ORGANSMS BIOL 488 1 CREDIT
4644005 1 ARRANGED MEETS: JAN 13-MAY 9

IND STU BIOL RESCHR BIOL 490H 1-6 CREDITS
Note: See dept for reference numbers

UG TEACHING EXPERNCE BIOL 491 1-2 CREDITS
Prereq: Permission of supervising staff
Satisfactory-Fail Only
******** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP BIOL 494 1-3 CREDITS
Prereq: 6 credits in biology, instructor permission
Note: Instructor permission required.
******** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1-3 CREDITS
Prereq: Permission of instructor
Satisfactory-Fail Only
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BIOL 498 R CREDIT
Prereq: Permission of the biology program
COOPERATIVE EDUCATION COORDINATOR
4546005 ARRANGED MEETS: JAN 13-MAY 9

UG RESEARCH EXPERNCE BIOL 499 1-6 CREDITS
Prereq: Permission of instructor
Note: No more than 9 credits in BIOL 499 may be applied toward graduation and of those only 6 credits may be applied to the major.
******* SEE DEPT FOR REFERENCE NUMBERS

ANAPHSYL DOMES ANIM B M S 329 3 CREDITS
Prereq: BIOL 212, 212L
6968003 WEN 11:00-11:50 MEETS: JAN 13-MAY 9

PRIN MORPHOLOGY II B M S 331 4 CREDITS
Prereq: 330, First-year classification in Vet Med
Note: Course restricted to college of V Med students
6009005 TR 1:10-2:00 TR 2:10-4:00 F 2:10-4:00 MEETS: JAN 13-MAY 9

BIOLOGICAL SCIEN II B M S 334 6 CREDITS
Prereq: First-year classification in Vet Med
1936005 1 MTR 9:00-11:50 WP 10:00-10:50 T 9:00-11:50 MEETS: JAN 13-MAY 9
1936010 2 MTR 8:00-8:50 WP 10:00-10:50 R 9:00-11:50 MEETS: JAN 13-MAY 9

NEUROANATOMY B M S 337 3 CREDITS
Prereq: First-year classification in Vet Med
Note: Course restricted to college of V Med students
6833005 1 MWF 9:00-11:50 MEETS: JAN 13-MAY 9
6833010 2 MWF 9:00-11:50 M 2:10-4:00 MEETS: JAN 13-MAY 9

BIOMEDICAL SCIENCES

ANAPHSYL DOMES ANIM B M S 329 3 CREDITS
Prereq: BIOL 212, 212L
6968003 WP 11:00-11:50 MEETS: JAN 13-MAY 9

PRIN MORPHOLOGY II B M S 331 4 CREDITS
Prereq: 330, First-year classification in Vet Med
Note: Course restricted to college of V Med students
6009005 TR 1:10-2:00 TR 2:10-4:00 F 2:10-4:00 MEETS: JAN 13-MAY 9

BIOLOGICAL SCIEN II B M S 334 6 CREDITS
Prereq: First-year classification in Vet Med
1936005 1 MTR 9:00-11:50 WP 10:00-10:50 T 9:00-11:50 MEETS: JAN 13-MAY 9
1936010 2 MTR 8:00-8:50 WP 10:00-10:50 R 9:00-11:50 MEETS: JAN 13-MAY 9

NEUROANATOMY B M S 337 3 CREDITS
Prereq: First-year classification in Vet Med
Note: Course restricted to college of V Med students
6833005 1 MWF 9:00-11:50 MEETS: JAN 13-MAY 9
6833010 2 MWF 9:00-11:50 M 2:10-4:00 MEETS: JAN 13-MAY 9
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SPRING 2014

BIORENEWABLE CHEMICALS

EVOLVING CHEMICAL IND BR C 506 1 CREDIT

7981005 ARRANGED

MEETS: JAN 9-10

BIORNW ENTPPPEURSH BR C 507 1 CREDIT

Prereq: GRAD STANDING OR INSTRUCTOR PERMISSION

2592005 R 4:10-5:00

MEETS: JAN 13-MAY 9

BIORENEWABLE RESOURCES & TECHNOLOGY

FUND BIORENEW RESOUR BRT 501 3 CREDITS

Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS

6534005 MWF 2:10-3:00

MEETS: JAN 13-MAY 9

6534600 XE ARRANGED BROWN R

MEETS: JAN 13-MAY 9

Section XE is off campus

Course delivery is WWW

BIObASE PROD SEMINR BRT 506A 1 CREDIT

Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS, ENROLLMENT IN BRT GRADUATE CERTIFICATE PROGRAM

Satisfactory-Fail Only.

6476005 ARRANGED

MEETS: JAN 13-MAY 9

BIObASE PROD SEMINR BRT 506B R CREDIT

Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS

6505005 ARRANGED

MEETS: JAN 13-MAY 9

BIORNW ENTPPPEURSH BRT 507 1 CREDIT

Prereq: GRAD STANDING OR INSTRUCTOR PERMISSION

2399005 R 4:10-5:00

MEETS: JAN 13-MAY 9

INTL BIORNW LANG&POL BRT 516X 3 CREDITS

9707600 XE ARRANGED BROWN T

MEETS: JAN 13-MAY 9

Note: Section XE is off campus

Course delivery is WWW

THERMCHM PROC BIOMS BRT 535 3 CREDITS

Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS AND TRANSPORT PHENOMENA

4858005 TR 11:00-12:15

MEETS: JAN 13-MAY 9

SPECIAL TOPICS BRT 590 1-3 CREDITS

Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PROF

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

BIORENEW RESOURC LAB BRT 591L 1 CREDIT

Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR

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

RESEARCH BRT 699 VAR. CREDITS

Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR

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

BUSINESS ADMINISTRATION

ORIENTATION BUSAD 101 1 CREDIT

Note: CREDIT FOR EITHER BUSAD 101/101H OR BUSAD 102, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

Satisfactory-Fail Only.

6144005 T 12:40-1:30

MEETS: JAN 13-MARCH 7

6144010 R 12:40-1:30

MEETS: JAN 13-MAY 9

6144015 S 8:00-8:50

MEETS: JAN 13-MAY 9

6144020 F 8:00-8:50

MEETS: JAN 13-MAY 9

6144025 M 11:00-12:00

MEETS: JAN 13-MARCH 7

6144030 G M 8:00-8:50

MEETS: JAN 13-MAY 9

CAREERS&EMPLOY PREP BUSAD 203X 1 CREDIT

Prereq: BUSAD 101 OR BUSAD 102

Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS UNDERGRADUATE ONLY

7171005 1 M 12:10-1:00

MEETS: JAN 13-MAY 9

7171010 2 M 11:00-12:00

MEETS: JAN 13-MAY 9

7171015 3 T 11:00-12:00

MEETS: JAN 13-MAY 9

7171020 4 T 12:40-1:30

MEETS: JAN 13-MAY 9

7171025 5 T 1:10-2:00

MEETS: JAN 13-MAY 9

7171030 6 W 12:10-1:00

MEETS: JAN 13-MAY 9

BUSINESS ADMINISTRATION (CONTINUED)

CAREERS&EMPLOY PREP BUSAD 203X 1 CREDIT

7171035 7 W 1:10-3:00

MEETS: JAN 13-MAY 9

7171040 8 R 5:10-6:00PM

MEETS: JAN 13-MAY 9

7171045 9 R 12:00-1:00

MEETS: JAN 13-MAY 9

7171050 10 R 1:10-2:00

MEETS: JAN 13-MAY 9

INTRO TO BUSINESS BUSAD 250 3 CREDITS

Prereq: BUSAD 150 OR COM S 103

Note: SEC A1, B1 ECT RESTRICTED TO COLLEGE OF BUSINESS ONLY. SEC A2, B2 ECT FOR MAJORS OTHER THAN IN THE COLLEGE OF BUSINESS

8807005 A1 MWF 9:00-9:50

MEETS: JAN 13-MAY 9

8807010 A2 MWF 9:00-9:50

MEETS: JAN 13-MAY 9

8807015 B1 MWF 11:10-11:50

MEETS: JAN 13-MAY 9

8807020 B2 MWF 11:00-11:50

MEETS: JAN 13-MAY 9

8807025 C1 MWF 12:10-1:00

MEETS: JAN 13-MAY 9

8807030 C2 MWF 12:10-1:00

MEETS: JAN 13-MAY 9

8807035 D1 TR 9:40-10:20

MEETS: JAN 13-MAY 9

8807040 D2 TR 8:00-8:50

MEETS: JAN 13-MAY 9

8807045 E1 MWF 3:10-4:00

MEETS: JAN 13-MAY 9

8807050 E2 MWF 3:10-4:00

MEETS: JAN 13-MAY 9

8807055 F1 TR 9:30-10:50

MEETS: JAN 13-MAY 9

8807060 F2 TR 9:30-10:50

MEETS: JAN 13-MAY 9

8807065 G1 MWF 3:10-4:00

MEETS: JAN 13-MAY 9

8807070 G2 MWF 8:00-8:50

MEETS: JAN 13-MAY 9

8807075 J1 MWF 1:10-2:00

MEETS: JAN 13-MAY 9

8807080 J2 MWF 1:10-2:00

MEETS: JAN 13-MAY 9

8807085 K1 MWF 4:10-5:00

MEETS: JAN 13-MAY 9

8807095 K2 MWF 4:10-5:00

MEETS: JAN 13-MAY 9

8807095 L1 MW 5:10-6:25PM

MEETS: JAN 13-MAY 9

8807100 L2 MW 5:10-6:25PM

MEETS: JAN 13-MAY 9

8807105 M1 MWF 12:10-1:00

MEETS: JAN 13-MAY 9

8807110 M2 MWF 12:10-1:00

MEETS: JAN 13-MAY 9

8807115 N1 MW 6:40-7:55PM

MEETS: JAN 13-MAY 9

8807120 N2 MW 6:40-7:55PM

MEETS: JAN 13-MAY 9

EXP DOMESTIC INTERN BUSAD 291A 1-3 CREDITS

Prereq: WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE

Satisfactory-Fail Only.

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

ENTREPRENSHP SEMINR BUSAD 292 1 CREDIT

Prereq: MEMBERSHIP OR APPLIED FOR MEMBERSHIP TO ENTREPRENEURSHIP AND INNOVATION LEARNING COMMUNITY

8304005 T 9:30-10:50

MEETS: JAN 13-MAY 9

COOPERATIVE EDUC BUSAD 398 R CREDIT

Prereq: PERMISSION OF DEPARTMENT

Note: COURSE NOT OPEN TO GRADUATE STUDENTS

Satisfactory-Fail Only.

6147005 A ARRANGED

MEETS: JAN 13-MAY 9

Note: College permission required - go to 1200 Gerdin.

IND STYD ENTREPRENR BUSAD 490E 1-3 CREDITS

Prereq: INSTRUCTOR PERMISSION REQUIRED.

3635005 ARRANGED

MEETS: JAN 13-MAY 9

INDEPENDENT STUDY HONORS BUSAD 490H 1-3 CREDITS

Prereq: INSTRUCTOR PERMISSION REQUIRED.

******* SEE DEPT FOR REFERENCE NUMBERS
BUSINESS ADMINISTRATION

EXP DOMESTIC INTERNS BUSAD 491A 1-3 CREDITS
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM
COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING
INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
PRIOR TO THE LEARNING EXPERIENCE.
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

EXP INT’L INTERNSHIP BUSAD 491B 1-3 CREDITS
Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM
COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING
INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
PRIOR TO THE LEARNING EXPERIENCE.
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

PRO EXPERIENC L RNRG BUSAD 591 1-3 CREDITS
Prereq: GRADUATE STANDING; WRITTEN APPROVAL OF
SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.

Satisfactory-Fail Only.

7533800 IE ARRANGED SCHEIBE K
MEETS: MARCH 15-22
Note: SEC IE TAUGHT IN DUBLIN, IRELAND & CORK, IRELAND.
MBA 2014 LIVE CASE STUDY TOUR IRELAND STUDY ABROAD SPRING 2014
Study Abroad Administrative Fee Applies

7533010 MP ARRANGED
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

MBA PRO SKIL DEV II BUSAD 594 R CREDIT
Prereq: 592
Satisfactory-Fail Only.

9425005 8:30-11:50 MEETS: JAN 17-APRIL 11

COOPERATIVE EDUC AT BUSAD 598 R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
Instructor permission required.

7906005 ARRANGED PETERSON M
MEETS: JAN 13-MAY 9

CREATIV COMP ACCNTG BUSAD 599A 3 CREDITS
Prereq: GRAD CLASSIF, FERMSN OF SUPERV CHAIR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP FINANC BUSAD 599C 3 CREDITS
Prereq: GRAD CLASSIF, FERMSN OF SUPERV CHAIR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP MANAGMT BUSAD 599E 3 CREDITS
Prereq: GRAD CLASSIF, FERMSN OF SUPERV CHAIR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP MARKETING BUSAD 599F 3 CREDITS
Prereq: GRAD CLASSIF, FERMSN OF SUPERV CHAIR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP MGT INF SY BUSAD 599K 3 CREDITS
Prereq: GRAD CLASSIF, FERMSN OF SUPERV CHAIR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMPONENTS SCM BUSAD 599L 3 CREDITS
Prereq: GRAD CLASSIF, FERMSN OF SUPERV CHAIR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BUSAD 699 3-6 CREDITS
Prereq: GRAD CLASSIF, PERMISSION OF MAJOR PROF
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
****** SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING

LEARNING COMMUNITY CH E 104 R CREDIT
Prereq: ENROLLMENT IN CH E LEARNING TEAM
Satisfactory-Fail Only.

3630005 A M 2:10-3:00 MEETS: JAN 13-MAY 9
3630010 B R 11:00-11:50 MEETS: JAN 13-MAY 9

CH E PROBL CPTR LAB CH E 160 3 CREDITS
Prereq: MATH 142 OR SATISFACTORY SCORES ON
MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN
MATH 165

2778005 A TR 12:10-2:00 MEETS: JAN 13-MAY 9
2778010 B TR 2:10-4:00 MEETS: JAN 13-MAY 9

CHEMICAL ENGINEERING (CONTINUED)

SEMINAR CH E 202 1 CREDIT
Prereq: SOPHOMORE CLASSIFICATION IN CH E

2432005 A R 3:30-5:30 MEETS: JAN 13-MAY 9

MATRL &ENERGY BALNC CH E 210 3 CREDITS
Prereq: CHEM 178, MATH 166

2429005 A MWF 3:10-4:00 MEETS: JAN 13-MAY 9

INTRO BIOMEDIC ENGR CH E 220 3 CREDITS
Prereq: BIOL 212, ENGR 160 OR EQUIV, MATH 166, CHEM 167 OR CHEM 178, PHYS 221

8998005 MWF 3:10-4:00 MEETS: JAN 13-MAY 9

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

COMPUT MTHDS CHEM E CH E 310 3 CREDITS
Prereq: CH E 210 AND ENGR 160
Note: Available for nonmajor graduate credit

2104005 A TR 2:10-3:30 MEETS: JAN 13-MAY 9

CHEMICAL ENGR LAB I CH E 325 2 CREDITS
Prereq: CH E 357, CREDIT OR ENROLLMENT IN CH E 381
Note: Available for nonmajor graduate credit
Instructor permission required 1st week.

5699005 A TR 10:00-11:50 MEETS: JAN 13-MAY 9
5699010 B TR 1:10-2:00 MEETS: JAN 13-MAY 9
5699015 C M 2:10-4:00 MEETS: JAN 13-MAY 9

TRANSPT PHENOMEN I CH E 356 3 CREDITS
Prereq: CH E 210, PHYS 221, CREDIT OR ENROLLMENT IN MATH 267
Note: Available for nonmajor graduate credit

2435005 A MWF 11:00-11:50 MEETS: JAN 13-MAY 9
2435010 B MWF 2:10-3:00 MEETS: JAN 13-MAY 9

TRANSPT PHENOMEN II CH E 357 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CH E 310; CH E 356
Note: Available for nonmajor graduate credit

2436005 A MWF 2:10-3:00 MEETS: JAN 13-MAY 9

SEPARATIONS CH E 358 3 CREDITS
Prereq: CH E 310, CH E 357
Note: Available for nonmajor graduate credit

2437005 A MWF 11:00-11:50 MEETS: JAN 13-MAY 9
2437010 B MWF 2:10-3:00 MEETS: JAN 13-MAY 9

CH E THERMODYNAMICS CH E 381 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CH E 310; MATH 267; PHYS 222, CHEM 325
Note: Available for nonmajor graduate credit

2438005 A MWF 1:10-2:00 MEETS: JAN 13-MAY 9

CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL ENGINEERING (CONTINUED)

FOREIGN STUDY ORIENT CH E 391 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CH E 357 AND CH E 381 OR PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqmt.
Satisfactory-Fail Only.

7162010 SP T 4:10-5:00 MEETS: JAN 13-MAY 9

ENGINEER INTERNSHIP CH E 397 R CREDIT
Prereq: PERMISSION OF DEPARTMENT EACH TIME TAKEN
****** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC CH E 298 R CREDIT
Prereq: CH E 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
****** SEE DEPT FOR REFERENCE NUMBERS
CHEMICAL ENGINEERING (CONTINUED)

BIOCHEMICAL ENGINEER CH E 415 3 CREDITS
Prereq: CH E 357, CH E 382 RECOMMENDED, CHEM 331
Note: Available for nonmajor graduate credit
2466005 A MWF 2:10-3:00
MEETS: JAN 13-MAY 9

PROCESS CONTROL CH E 421 3 CREDITS
Prereq: CH E 358, CH E 382, CHEM 267
Note: Available for nonmajor graduate credit
2470005 A TR 12:40-2:00
MEETS: JAN 13-MAY 9

CHEMICAL ENGR LAB II CH E 426 2 CREDITS
Prereq: CH E 325, CH E 358, CH E 382
Note: RESTRICTED TO CH E SENIORS GRADUATING SPRING 2013
CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Available for nonmajor graduate credit
Instructor permission required 1st week.
2488005 A T 2:10-6:00PM
MEETS: JAN 13-MAY 9
2488010 B R 2:10-6:00PM
MEETS: JAN 13-MAY 9

BIOLOGICAL ENGR CH E 427 2 CREDITS
Prereq: CREDIT IN CH E 325, CH E 358, CH E 382, AND BMB 301
Note: CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Available for nonmajor graduate credit
2107005 A R 2:10-6:00PM
MEETS: JAN 13-MAY 9

PROCESS & PLANT DESIGN CH E 430 4 CREDITS
Prereq: CH E 358, CH E 382
Note: Restricted to University Honors Students only.
No more than 6 credits of CH E 430 may be applied towards graduation as Technical Electives.
2490005 A TR 9:30-10:20
TR 10:30-12:20
MEETS: JAN 13-MAY 9

POLYMERS & POLY ENGR CH E 447 3 CREDITS
Prereq: CH E 382 AND CHEM 331 OR MAT E 351
Note: Available for nonmajor graduate credit
7146005 A MF 10:00-10:50
MEETS: JAN 13-MAY 9

UG RESrch/IND STUDY CH E 490 1-6 CREDITS
Prereq: PERMISSION OF DEPARTMENT
Note: No more than 6 credits of CH E 490 may be applied towards graduation as Technical Electives.
********* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS CH E 490H 1-6 CREDITS
Prereq: MEMBERSHIP IN THE HONORS PROGRAM
Note: Course restricted to University Honors Students only.
No more than 6 credits of CH E 490H may be applied towards graduation as technical electives.
********* SEE DEPT FOR REFERENCE NUMBERS

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

CHEMICAL ENGINEER CH E 505 3 CREDITS
Prereq: CH E 357, CH E 382, CHEM 331
2136005 A MWF 2:10-3:00
MEETS: JAN 13-MAY 9

POLYMERS & POLY ENGR CH E 505 3 CREDITS
Prereq: CH E 382 and CHEM 331 or MAT E 351
Note: Available for nonmajor graduate credit
9043005 A MF 10:00-10:50
MEETS: JAN 13-MAY 9

ADV CH REACTOR DSGN CH E 507 3 CREDITS
Prereq: CH E 382
2468005 TR 12:40-2:00
MEETS: JAN 13-MAY 9

INDEPENDENT STUDY CH E 590 2-6 CREDITS
********* SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR CH E 601 R CREDIT
Satisfactory-Pass Only.
2479005 A R 11:00-11:50
MEETS: JAN 13-MAY 9

PRINCIP MOLCUL SIMUL CH E 642 3 CREDITS
Prereq: CH E 545
8061005 TR 9:30-10:50
MEETS: JAN 13-MAY 9

CHEMICAL ENGINEERING (CONTINUED)

INDEPENDENT STUDY CH E 692 2-6 CREDITS
********* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP CH E 697 R CREDIT
Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF
2116005 ARRANGED
MEETS: JAN 13-MAY 9
Note: Department permission required.

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

CHEMISTRY

COLLEGE CHEM PREP CHEM 50 0 CREDITS
Prereq: ONE YEAR OF HIGH SCHOOL ALGEBRA
Note: DEVELOPMENTAL CHEM SEE APPLICABLE TO TUTION AND GRADUATION. CHEM 50 DOES NOT APPLY TOWARD GRADUATION.
4523010 MWF 12:10-1:00
BURKE K
MEETS: MARCH 10-MAY 9
Section info: http://avogadro.chem.iastate.edu/chem50/

CHEM LRN CMM ORIENT CHEM 101 1 CREDIT
Prereq: MEMBER OF THE CHEM LEARNING COMMUNITY
Satisfactory-Pass Only.
9234005 T 4:10-5:00
BURNETT J
MEETS: JAN 13-MAY 9

PHYSCL SC FOR EL ED CHEM 102L 3 CREDITS
Prereq: MATH 195 OR MATH 140
8675005 1 T 8:00-8:50
TR 10:00-11:50
MEETS: JAN 13-MAY 9
8675010 2 T 8:00-8:50
TR 12:10-2:00
MEETS: JAN 13-MAY 9
8675015 3 T 8:00-8:50
TR 2:10-4:00
MEETS: JAN 13-MAY 9
8675020 4 T 8:00-8:50
WP 8:00-10:00
MEETS: JAN 13-MAY 9
8675025 5 T 8:00-8:50
WP 10:00-11:50
MEETS: JAN 13-MAY 9
8675030 6 T 8:00-8:50
WP 12:10-2:00
MEETS: JAN 13-MAY 9

CHEM IN MOD SOCIETY CHEM 160 3 CREDITS
TR 11:15-12:15
HOLME T
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu/chem160/

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY AND EITHER CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR ENROLLMENT IN 163L
Note: MUST BE ACCOMPANIED BY CHEM 163L UNLESS STUDENT ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 161, CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE TO STUDENTS ALREADY REGISTERED.
2489005 1 MF 9:00-9:50
BURKE K
R 8:00-8:50
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu/chem163/

2489010 2 MF 9:00-9:50
BURKE K
R 8:00-8:50
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu/chem163/

2489015 3 MF 9:00-9:50
BURKE K
R 8:00-9:50
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu/chem163/

2489020 4 MF 9:00-9:50
BURKE K
R 9:00-9:50
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu/chem163/

2489025 5 MF 9:00-9:50
BURKE K
R 10:00-10:50
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu/chem163/

2489030 6 MF 9:00-9:50
BURKE K
R 10:00-10:50
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu/chem163/

2489035 7 MF 9:00-9:50
BURKE K
R 11:00-11:50
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu/chem163/

2489040 8 MF 9:00-9:50
BURKE K
R 11:00-11:50
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu/chem163/
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**Note:** MUST BE ACCOMPANYED BY CHEM 163 UNLESS STUDENT ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L.

**Checmstry I CHEM 163L 1 Credit**

**Note:** CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 163 is RESTRICTED TO ENGR COLLEGE MAJORS OR OPEN. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L. TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED ON YEAR OF HIGH SCHOOL CHEM OR CHEM 50.
## CHEMISTRY (CONTINUED)

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## CHEMISTRY (CONTINUED)

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### CHEMISTRY

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### CHEMISTRY (CONTINUED)

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Note: Section 7 restricted to Honors Students Only. See section http://avogadro.chem.iastate.edu for more information.
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Note: Materials and equipment use fee $90.00
### CHEMISTRY (CONTINUED)

#### INTR QUANTUM MECHAN CHEM 324 3 CREDITS
Prereq: CHEM 178, MATH 166. PHYS 222 RECOMMENDED.
Note: Available for nonmajor graduate credit.
5202005 1 MWF 9:00-9:50 WINDUS T MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem324/

#### CHEMICL THERMODYNAM CHEM 325 3 CREDITS
Prereq: CHEM 178, MATH 166, PHYS 222 RECOMMENDED
Note: Available for noncredit.
5242005 1 MWF 9:00-9:50 SCHMIDT-ROHR K MEETS: JAN 13-MAY 9
Note: SEC 1 RECOMMENDED FOR CHEMICAL ENGINEERING MAJORS
Section info: http://avogadro.chem.iastate.edu /chem325/

<table>
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<td>MWF 9:00-9:50</td>
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#### LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
Prereq: CHEM 131, CHEM 201, ENROLLMENT IN CHEM 331L HIGHLY RECOMMENDED
Note: CREDIT FOR EITHER CHEM 331L (AND 331L) OR CHEM 331L, CHEM 331L, CHEM 331
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/
5216005 1 MWF 8:00-9:50 KRAUS G MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem331l/

#### ORGANIC CHEMISTRY I CHEM 331 3 CREDITS
Prereq: CHEM 178 OR CHEM 201, ENROLLMENT IN CHEM 331L HIGHLY RECOMMENDED
Note: CREDIT FOR EITHER CHEM 331 (AND 331L) OR CHEM 331 (AND 331L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Available for nonmajor graduate credit.
2516005 1 MWF 8:00-9:50 KRAUS G MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem331l/

#### LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
Prereq: CHEM 331, CREDIT OR ENROLLMENT FOR CREDIT IN CHEM 331L
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 331L, CHEM 333L, CHEM 331
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/
5270005 1 M 12:10-3:00 KRAUS G MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem332l/
5270010 2 M 3:10-6:00PM KRAUS G MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem332l/
5270015 3 M 3:10-6:00PM KRAUS G MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem332l/
5270020 4 R 9:00-11:50 KRAUS G MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem332l/
5270025 5 R 12:10-3:00 KRAUS G MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem332l/
5270030 6 R 12:10-3:00 KRAUS G MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem332l/
5270035 7 M 6:10-9:00PM KRAUS G MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem332l/
5270040 8 M 9:00-11:50 KRAUS G MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem332l/

#### UNDERGRAD RESEARCH CHEM 399 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION
Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION.
5645005 1 MW 12:10-3:00 STANLEY L MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem399/
5645010 2 MW 12:10-3:00 STANLEY L MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem399/
5645015 3 TR 3:40-6:30PM STANLEY L MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem399/

#### INDEPENDENT STUDY CHEM 490 VAR. CREDITS
Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGH AND INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION.
5645020 1 MWF 10:00-10:50 ZHAO Y MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem399/
5217010 1 TR 2:10-3:30 JEFFRIES-EL M MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem399/
5217015 3 MWF 10:00-10:50 STANLEY L MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem399/

#### PHYSICAL INORGANIC CHEM 505 3 CREDITS
Prereq: CHEM 178, MATH 166, PHYS 222 RECOMMENDED
Note: Available for nonmajor graduate credit.
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/
2532005 1 MWF 11:00-11:50 SADOW A MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu /chem505/
CHEMISTRY (CONTINUED)

ANALYTIC SEPARATION CHEM 516  3 CREDITS
Prereq: 316, 316L, 324, 322L
2539005  MW 10:00-10:50  FANG N
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu

ORGANIC SYNTHESIS I CHEM 531  2 CREDITS
Prereq: 322
9267005  TR 10:00-10:50  CHEN J
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu

PHYS ORGANIC CHEM II CHEM 538  3 CREDITS
Prereq: 537
2543005  MW 11:00-11:50  WINTER A
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu

SAFETY IN CHEM LAB CHEM 550  1 CREDIT
Satisfactory-Fail Only.
4295005  TR 8:00-8:50  VELA-BECERRA J
MEETS: JAN 13-MARCH 7
Section info: http://avogadro.chem.iastate.edu

ATOMIC&MOLEC Q MECH CHEM 562  3 CREDITS
Prereq: 561, CREDIT OR ENROLLMENT IN 583
2549005  TR 9:30-10:50  GORDON M
W 12:10-1:30  GORDON M
MEETS: JAN 13-MAY 7
Section info: http://avogadro.chem.iastate.edu

STATISTCL MECHANICS CHEM 563  3 CREDITS
Prereq: 322
2550005  MW 10:00-11:50  SONG X
MEETS: JAN 13-MAY 9
Section info: http://avogadro.chem.iastate.edu

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

INDEPENDENT STUDY CHEM 590  1-6 CREDITS
Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
Note: MEETS INTERNATIONAL PERSPECTIVES REQUIREMENTS
9374005  TR 5:10-6:30PM
MEETS: JAN 13-MAY 9

INDEPENDENT STUDY CHEM 590  1-6 CREDITS
Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
Note: MEETS INTERNATIONAL PERSPECTIVES REQUIREMENTS
9374005  TR 5:10-6:30PM
MEETS: JAN 13-MAY 9

CIVIL ENGINEERING

INTRO CIVIL ENG PRO C E 105  1 CREDIT
4906005  W 3:10-4:00
MEETS: JAN 13-MAY 9

CIVIL ENGINEERING

FUND OF SURVEYING I C E 111  3 CREDITS
Prereq: 160, CR OR ENR IN ENGR 170 OR C E 170,
MATH 165, CREDIT OR ENR IN C E 105 FOR C E MAJORS
Note: COURSE RESTRICTED TO C E AND CON E MAJORS ONLY.
7242005  1 MP 2:10-3:00
T 8:00-10:50
7242010  2 MP 2:10-3:00
7242015  3 MP 2:10-3:00
W 12:10-2:30
7242020  4 MP 2:10-3:00
R 2:10-5:00
7242025  5 MP 2:10-3:00
R 8:00-10:50
MEETS: JAN 13-MAY 9

ENGR PROB CMPUT LAB C E 160  3 CREDITS
Prereq: MATH 141, 142 OR SATISFACTORY SCORE ON MATH PLACEMENT EXAM.
Note: COURSE RESTRICTED TO C E & CON E MAJORS ONLY.
CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:
2911005  1 MN 10:00-11:50
MEETS: JAN 13-MAY 9
2911010  2 TR 9:30-10:50
MEETS: JAN 13-MAY 9

CIVIL ENGR GRAPHICS C E 170  2 CREDITS
Prereq: MATH 145, CREDIT OR ENROLLMENT IN C E 105
Note: COURSE RESTRICTED TO C E & CON E MAJORS
3515005  1 TR 8:00-9:50
MEETS: JAN 13-MAY 9
3515010  2 TR 12:10-2:00
MEETS: JAN 13-MAY 9
3515015  3 MN 12:10-2:00
MEETS: JAN 13-MAY 9
3515020  4 MN 3:10-5:00
MEETS: JAN 13-MAY 9

CHINESE

ELEM MANDRN CHIN II CHIN 102  5 CREDITS
Prereq: 101
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
Meets international perspectives reqmt.
7374005  1 MTWRF 10:00-10:50
MEETS: JAN 13-MAY 9
7374010  2 MTWRF 11:00-11:50
MEETS: JAN 13-MAY 9
7374015  3 MTWRF 12:10-1:00
MEETS: JAN 13-MAY 9

CHINESE (CONTINUED)

INTM MAND CHINES II CHIN 202  5 CREDITS
Prereq: 201
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
Meets international perspectives reqmt.
7768005  1 MTWRF 9:00-9:50
MEETS: JAN 13-MAY 9

INTRO CHINES CULTUR CHIN 272  3 CREDITS
Note: Meets international perspectives reqmt.
8252005  1 TR 11:00-12:00
MEETS: JAN 13-MAY 9

ADV CHIN READNGS II CHIN 302  3 CREDITS
Prereq: 301 OR EQUIVALENT
Note: Meets international perspectives reqmt.
5405005  1 TR 5:10-6:30PM
MEETS: JAN 13-MAY 9

CHINESE FOR BUSINES CHIN 304  4 CREDITS
Prereq: CHIN 202 OR EQUIVALENT
Note: Meets international perspectives reqmt.
7444005  1 TR 3:10-4:30
MEETS: JAN 13-MAY 9

CHINESE LIT IN ENGL CHIN 370  3 CREDITS
Prereq: ENGL 104 OR ENGL 150 OR EQUIVALENT
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2013.
TOPIC: CONTEMPORARY CHINESE POPULAR CULTURE.
Meets international perspectives reqmt.
5347005  MN 3:10-4:30
MEETS: JAN 13-MAY 9

READ CHINESE TEXTS CHIN 403  3 CREDITS
Prereq: 302 OR EQUIVALENT
Note: TOPIC: TOPICS ON CHINESE BUSINESS AND ECONOMY.
9066005  TR 3:10-4:30
MEETS: JAN 13-MAY 9

INDEPENDENT STUDY CHIN 490  1-6 CREDITS
Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
Note: Available for nonmajor graduate credit.
Permit of department chair required.
******* SEE DEPT FOR REFERENCE NUMBERS
CIVIL ENGINEERING (CONTINUED)

ECON ANALYSIS PRO ISSU C E 206 3 CREDITS
Prereq: MATH 166, ENGL 250. ECON 101 RECOMMENDED.
1915005 1 MW 11:00-1:10
MEETS: JAN 13-MAY 9

COOPERATIVE EDUC C E 298 R CREDIT
Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
Satisfactory-Fail Only.
******* SEE DEPT FOR REFERENCE NUMBERS

PROJECT MANAGEMENT C E 306 3 CREDITS
Prereq: 206, CREDIT OR ENROLLMENT IN A TECHNICAL
COMMUNICATION ELECTIVE FROM THE APPROVED DEPT LIST
4943005 1 MW 4:00-5:00
MEETS: JAN 13-MAY 9
4943010 2 MW 4:00-5:00
MEETS: JAN 13-MAY 9
4943015 3 MW 4:00-5:00
MEETS: JAN 13-MAY 9
4943020 4 MW 4:00-5:00
MEETS: JAN 13-MAY 9

PRIN ENVIRONMENTAL ENGR C E 326 3 CREDITS
Prereq: CHEM 177 OR 178, MATH 166, CREDIT OR ENROLLMENT IN E M 378.
Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES
Available for nonmajor graduate credit
2284005 1 MF 10:00-11:50
W 10:00-11:50
MEETS: JAN 13-MAY 9
Section info: http://www.public.iastate.edu/~tge/courses/ce326/homepage.html

STRUCTURAL ANALYSIS I C E 332 3 CREDITS
Prereq: E M 324
Note: Available for nonmajor graduate credit
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
2285005 1 MF 11:00-2:00
W 2:10-3:00
MEETS: JAN 13-MAY 9
2285010 2 MF 11:00-2:00
F 2:10-3:00
MEETS: JAN 13-MAY 9
2285015 3 MF 8:00-8:50
W 9:00-9:50
MEETS: JAN 13-MAY 9
2285020 4 MF 8:00-8:50
F 9:00-9:50
MEETS: JAN 13-MAY 9

STRUCTURAL DESIGN I C E 333 3 CREDITS
Prereq: 332, E M 327
Note: Available for nonmajor graduate credit
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
2286005 1 MF 8:00-8:50
R 8:00-8:50
MEETS: JAN 13-MAY 9
2286010 2 MF 8:00-8:50
R 9:00-9:50
MEETS: JAN 13-MAY 9

REINFORCED CONCRETE DESIGN I C E 334 3 CREDITS
Prereq: 332, E M 327
Note: Available for nonmajor graduate credit
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
2287005 1 MF 11:00-1:10
W 12:10-1:00
MEETS: JAN 13-MAY 9
2287010 2 MF 11:00-1:10
M 12:10-1:00
MEETS: JAN 13-MAY 9

PRIN TRANSPORTATION ENG C E 355 3 CREDITS
Prereq: 111, 206, PHYS 221, COURSE IN STAT FROM THE APPROVED DEPARTMENTAL LIST
Note: COURSE RESTRICTED TO C E JUNIORS AND SENIORS ONLY
Available for nonmajor graduate credit
2924005 1 MW 11:00-11:50
F 11:00-11:50
MEETS: JAN 13-MAY 9

CIVIL ENGINEERING (CONTINUED)

GEOTECHNICAL ENGINEERING C E 360 3 CREDITS
Prereq: E M 324, CREDIT OR ENROLLMENT IN GEOL 201
Note: COURSE RESTRICTED TO ENGINEERING COLLEGE MAJORS
Available for nonmajor graduate credit
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
2291005 1 MF 12:10-1:00
T 8:00-10:50
MEETS: JAN 13-MAY 9
2291010 2 MF 12:10-1:00
T 12:10-3:00
MEETS: JAN 13-MAY 9
2291015 3 MF 12:10-1:00
R 8:00-10:50
MEETS: JAN 13-MAY 9
2291020 4 MF 12:10-1:00
R 12:10-3:00
MEETS: JAN 13-MAY 9
2291025 5 MF 12:10-1:00
R 3:10-6:00PM
MEETS: JAN 13-MAY 9
2291030 6 MF 12:10-1:00
W 3:10-6:00PM
MEETS: JAN 13-MAY 9

LAND SURVEYING C E 417 3 CREDITS
Prereq: MATH 166, ENGL 250. ECON 101 RECOMMENDED.
Note: Available for nonmajor graduate credit
2294005 1 MF 9:00-9:50
MEETS: JAN 13-MAY 9

DESIGN OF CONCRETE C E 382 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN E M 378
Note: Available for nonmajor graduate credit
2294005 1 MF 10:00-10:50
W 2:10-4:00
MEETS: JAN 13-MAY 9
Section info: http://www.public.iastate.edu/~tge/courses/ce382/homepage.html

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

PROGOUTCOME ASSESS C E 403 R CREDIT
Prereq: VERIFICATION OF UNDERGRAD APPLICATION FOR GRADUATION BY THE END OF THE FIRST WEEK OF CLASS.
INSTR PERMISSION FOR STUDENTS GRADUATING SUMMER.
Note: COURSE REQUIRED FOR STUDENTS GRADUATING SPRING 2014 OR SUMMER 2014
Satisfactory-Fail Only
7351005 1 M 5:10-6:00PM
MEETS: MARCH 10-MAY 9

LAND SURVEYING C E 417 3 CREDITS
Prereq: MATH 166, ENGL 250. ECON 101 RECOMMENDED.
Note: Available for nonmajor graduate credit
7565010 2 MF 10:00-10:50
MEETS: JAN 13-MAY 9

AIR POLLUTION AERIAL C E 424A 1 CREDIT
Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 167; 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
1424005 1 TR 9:30-10:50
MEETS: JAN 14-FEB 13
CIVIL ENGINEERING (CONTINUED)

AIR POLLUT &CLIMATE C E 424B 1 CREDIT
Prereq: 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
1432005 1 TR 9:30-10:50
MEETS: FEB 18-MARCH 27

AIR POLLUT&TRANSPRTN C E 424C 1 CREDIT
Prereq: 424B, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
1456005 1 TR 9:30-10:50
MEETS: MARCH 31-MAY 1

AIR POLLUT TREATMT C E 424D 1 CREDIT
Prereq: 424B, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
1457005 1 TR 9:30-10:50
MEETS: MARCH 31-MAY 1

BUILDING DESIGN C E 448 3 CREDITS
Prereq: 333, 334
Note: Available for nonmajor graduate credit
7568005 1 MW 3:10-5:00
MEETS: JAN 13-MAY 9

URB TRANSPT PN MOD C E 451 3 CREDITS
Prereq: 350 or 355
Note: Available for nonmajor graduate credit
2301005 1 T 6:10-7:00PM
R 6:10-8:00PM
MEETS: JAN 13-MAY 9

HIGHWAY DESIGN C E 453 3 CREDITS
Prereq: 306, 355, 372, 382
Note: Restricted to students graduating Spring 2014 or Summer 2014
2302005 1 MW 9:00-9:50
R 2:10-4:00
MEETS: JAN 13-MAY 9
2302010 2 MW 9:00-9:50
R 4:10-6:00PM
MEETS: JAN 13-MAY 9

FOUNDATION ENGINEER C E 460 3 CREDITS
Prereq: 360
Note: Available for nonmajor graduate credit
2303005 1 MW 2:10-3:00
MEETS: JAN 13-MAY 9

ADV DSIGN CONCRETES C E 484 3 CREDITS
Prereq: 382
Note: Available for nonmajor graduate credit
9167005 1 ARRANGED
MEETS: JAN 13-MAY 9

CIVIL ENGRN DESIGN C E 485 3 CREDITS
Prereq: C E 304, C E 326, C E 333 OR C E 334, C E 355, EP CM 218
Note: Course Restricted to seniors graduating Spring '14 or Summer '14
2131005 1 MF 12:10-1:00
T 11:00-1:00
MEETS: JAN 13-MAY 9
2131010 2 MF 12:10-1:00
T 11:00-1:00
MEETS: JAN 13-MAY 9
2131015 3 MF 12:10-1:00
R 11:00-1:00
MEETS: JAN 13-MAY 9

INDEPENDENT STUDY C E 490 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

INDEPENDENT STUDY HONORS C E 490H 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
Note: Course Restricted to University Honors Students Only

CIVIL ENGINEERING (CONTINUED)

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

DESIGN CONSTRUC SYS C E 505 3 CREDITS
Prereq: 334, 340, CON E 322 AND 340
1947005 1 T 5:10-8:00PM
MEETS: JAN 13-MAY 9

RAILROAD ENGINEERIN C E 515 3 CREDITS
Prereq: C E 355
2502005 ARRANGED
MEETS: JAN 13-MAY 9

WTR POLL CNTRL PROC C E 522 3 CREDITS
Prereq: 521
2320005 1 TR 9:00-10:50
ARRANGED
MEETS: JAN 13-MAY 9

AIR POLLUT AIR QL C E 524A 1 CREDIT
Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR in STAT; SENIOR OR ABOVE CLASSIFICATION
8097005 1 TR 9:30-10:50
MEETS: JAN 14-FEB 13

AIR POLLUT &CLIMATE C E 524B 1 CREDIT
Prereq: 524A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
1964005 1 TR 9:30-10:50
MEETS: FEB 18-MARCH 27

AIR POLLUT&TRANSPRTN C E 524C 1 CREDIT
Prereq: 524A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
2275005 1 TR 9:30-10:50
MEETS: MARCH 31-MAY 1

AIR POLLUT TREATMT C E 524D 1 CREDIT
Prereq: 524A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
2558005 1 TR 9:30-10:50
MEETS: MARCH 31-MAY 1

AIR POLLUT AG SOURC C E 524E 1 CREDIT
Prereq: 524A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR OR ABOVE CLASSIFICATION
2676005 1 TR 9:30-10:50
MEETS: MARCH 31-MAY 1

STRUCT STEEL DSN II C E 533 3 CREDITS
Prereq: 372
2313005 1 ARRANGED
MEETS: JAN 13-MAY 9

PRESTRESS CONCR STR C E 535 3 CREDITS
Prereq: 372
2328005 1 ARRANGED
MEETS: JAN 13-MAY 9

WATER POLL CNTRL PROC C E 522 3 CREDITS
Prereq: 521
2320005 1 TR 9:00-10:50
ARRANGED
MEETS: JAN 13-MAY 9

BUILDING DESIGN C E 548 3 CREDITS
Prereq: 521
2324005 1 Mn 10:00-11:50
MEETS: JAN 13-MAY 9

BUIldING DESIGN C E 549 3 CREDITS
Prereq: C E 333, C E 334
1942005 1 Mn 3:10-5:00
MEETS: JAN 13-MAY 9

FUND GEOMATLS BEHAV C E 565 3 CREDITS
Prereq: 521
2275005 1 ARRANGED
MEETS: JAN 13-MAY 9

SURFC WTR HYDROLOGY C E 571 3 CREDITS
Prereq: 521
2343005 1 W 1:10-2:30
MEETS: JAN 13-MAY 9

ENVIRONMENTAL FLOWS C E 570 3 CREDITS
Prereq: E M 378 OR EQUIVALENT
5109005 1 M 3:10-4:30
MEETS: JAN 13-MAY 9

ADV DSIGN CONCRETES C E 584 3 CREDITS
Prereq: 382
9168005 1 ARRANGED
MEETS: JAN 13-MAY 9

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

SPECIAL TOPICS C E 590 1-5 CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
COMMUNICATION STUDIES (CONTINUED)

NONVERBAL COMMUNIC  COMST 325  3 CREDITS
Prereq: COMST 101, COMST 102, COMST 201, COMST 325
Note: COURSE RESTRICTED TO COMST MAJORS ONLY.
3920005
1 TR 9:30-10:50  SWEET D
MEETS: JAN 13-5 MAY 9

CMPTR-MEDIATED COMM  COMST 330  3 CREDITS
Prereq: COMST 101, COMST 102, COMST 201, COMST 325
Note: COURSE RESTRICTED TO COMST MAJORS ONLY.
2380055
TR 2:10-3:30  RUBLE R
MEETS: JAN 13-5 MAY 9

RESEARCH SEMINAR  COMST 404  3 CREDITS
Prereq: COMST 301 PLUS 3 ADDITIONAL COMMUNICATION STUDIES CLASSES FROM THE FOLLOWING LIST: COMST 310, COMST 314, COMST 317, COMST 319, COMST 325, OR COMST 330.
2298005
1 TR 12:40-2:00  RUBLE R
MEETS: JAN 13-5 MAY 9

2298010
2 TR 12:40-2:00  SWEET D
MEETS: JAN 13-5 MAY 9

2298015
3 TR 12:40-2:00  MEETS: JAN 13-5 MAY 9

SPL TOPICS COMM STD COMST 450X  1- 3 CREDITS
Prereq: COMST 301 PLUS THREE ADDITIONAL CLASSES FROM THE FOLLOWING LIST: COMST 310, COMST 314, COMST 317, COMST 319, COMST 325, COMST 330
Note: COURSE OFFERED FOR 3 CREDIT SPRING 2014
8024005
TR 8:00-9:20  JENKS T
MEETS: JAN 13-5 MAY 9

INDEPENDENT STUDY  COMST 490  1- 3 CREDITS
Prereq: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION
Note: Instructor permission required.
*******
SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONAL INTERNSHIP COMST 497  1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN COMMUNICATION STUDIES
Note: Instructor permission required.
*******
SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR  COMST 504  3 CREDITS
Prereq: GRADUATE STANDING, INSTRUCTOR PERMISSION
Note: Instructor permission required.
4420005
1 TR 12:40-2:00  SWEET D
MEETS: JAN 13-5 MAY 9

SPECIAL TOPICS  COMST 590  1- 4 CREDITS
Note: Instructor permission required.
*******
SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

PLANING METHODS STUDIO  C R P 301  4 CREDITS
Prereq: STAT 101 OR STAT 104
4960005
MW 2:10-5:20  MEETS: JAN 13-5 MAY 9

URBAN FORM  C R P 320  3 CREDITS
Prereq: C R P 253 OR C R P 270, OR PERMISSION OF INSTRUCTOR
8073005
TR 11:00-12:20  MEETS: JAN 13-5 MAY 9

PRACTICUM  C R P 330  1- 3 CREDITS
Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
Satisfactory-Fail Only.
2380005
ARRANGED  MEETS: JAN 13-5 MAY 9

FIELD TRAVEL  C R P 391  1- 2 CREDITS
Prereq: C R P MAJOR, PERMISSION OF ADVISER
Note: COURSE OFFERED FOR 1 CREDITS SPRING 2014.
Satisfactory-Fail Only.
2400005
W 12:10-1:00  MEETS: JAN 13-5 MAY 9

INTERNATNL PLANNING  C R P 429  3 CREDITS
Prereq: JUNIOR CLASSIFICATION
2980005
TR 3:40-5:00  MEETS: JAN 13-5 MAY 9

COUNTRY PLAN STD II  C R P 432  1- 6 CREDITS
Prereq: C R P 201 AND C R P 301
2390055
A TR 2:10-5:20  MEETS: JAN 13-5 MAY 9

SITE DEVELOPMENT  C R P 442  3 CREDITS
Prereq: 251, 272
8760005
TR 11:00-2:30  MEETS: JAN 13-5 MAY 9

COMMUNITY & REGIONAL PLANNING (CONTINUED)

INTRO GEOG INFO SYS  C R P 451  3 CREDITS
9410005
A TR 11:00-1:00  MEETS: JAN 13-5 MAY 9

GEOG DATA MGT ANALY  C R P 452  3 CREDITS
5205005
MW 10:00-11:50  MEETS: JAN 13-5 MAY 9

FUND REMOTE SENSING  C R P 454X  3 CREDITS
9618005
TR 9:00-10:50  MEETS: JAN 13-5 MAY 9

SOCIAL JUSTIC&PLANN  C R P 460X  3 CREDITS
9631005
TR 11:00-12:50  MEETS: JAN 13-5 MAY 9

PUBLIC FINANC&PLANN  C R P 479X  3 CREDITS
9601005
T 2:10-3:30  MEETS: JAN 13-5 MAY 9

SUSTAINABLE COMMUT  C R P 484  3 CREDITS
7041005
TR 11:00-12:50  MEETS: JAN 13-5 MAY 9

INDEPENDENT STUDY  C R P 490  1- 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
*******
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  C R P 490H  1- 3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
Satisfactory-Fail Only.
*******
SEE DEPT FOR REFERENCE NUMBERS

SR PLANNING SEMINAR  C R P 494  1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, C R P 332 SHOULD BE TAKEN PRIOR TO OR CONCURRENTLY.
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2013.
2403005
TR 11:00-12:50  MEETS: JAN 13-5 MAY 9

PORTFOLIO DEV&RVIEW  C R P 498  1 CREDIT
2418005
M 12:10-1:00  MEETS: JAN 13-5 MAY 9

PRO WORK EXPERIENCE  C R P 510  R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
Note: COURSE OFFERED FOR 1 CREDIT SPRING 2014.
Satisfactory-Fail Only.
2405005
ARRANGED  MEETS: JAN 13-5 MAY 9

FOOD AND COMMUNITY  C R P 513X  3 CREDITS
9590005
M 5:10-8:00PM  MEETS: JAN 13-5 MAY 9

URBAN REVITALIZATN  C R P 517  3 CREDITS
7839005
TR 12:40-2:00  MEETS: JAN 13-5 MAY 9

INTERNATNL PLANNING  C R P 529  3 CREDITS
Prereq: GRADUATE CLASSIFICATION
2404005
TR 11:00-1:00  MEETS: JAN 13-5 MAY 9

Section info: http://www.public.iastate.edu/~fowusu/courses.html

PRACTICUM  C R P 530  1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN C R P
Satisfactory-Fail Only.
2405005
ARRANGED  MEETS: JAN 13-5 MAY 9

INTRO GEOG INFO SYS  C R P 551  3 CREDITS
1985005
A MW 9:00-10:50
W 12:10-2:00  MEETS: JAN 13-5 MAY 9

B MW 9:00-11:50
W 3:10-5:00  MEETS: JAN 13-5 MAY 9

GEOG DATA MGT PLAN  C R P 552  3 CREDITS
5209005
MW 10:00-11:50  MEETS: JAN 13-5 MAY 9

FUND REMOTE SENSING  C R P 554X  3 CREDITS
9625005
TR 10:00-11:50  MEETS: JAN 13-5 MAY 9

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COMMUNITY & REGIONAL PLANNING (CONTINUED)

SOCIAL JUSTICE & PLANNING CRP 560X 3 CREDITS
9632005  MW 3:10-4:30 MEETS: JAN 13-MAY 9

PLAN THRY FOR PRACT P C R P 561 3 CREDITS
2410005  TR 11:00-12:30 MEETS: JAN 13-MAY 9

PLANNING & DEVELOPMENT CRP 568 3 CREDITS
Preq: C R P 564 OR EQUIVALENT 2018005  MW 1:10-2:30 MEETS: JAN 13-MAY 9

PUBLIC FINANCE CRP 579X 3 CREDITS
9604005  T 2:10-3:30 MEETS: JAN 13-MAY 9

SUSTAINABLE COMMUNITY CRP 584 3 CREDITS
Preq: GRADUATE CLASSIFICATION 7043005  TR 2:10-3:30 MEETS: JAN 13-MAY 9

SPL TOP PLAN LAW, ADM CRP 590A 1-3 CREDITS
Preq: GRADUATE CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM Note: Instructor permission required 1st week. ******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECON DEVELO CRP 590B 1-3 CREDITS
Preq: GRADUATE CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM Note: Instructor permission required 1st week. ******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN CRP 590C 1-3 CREDITS
Preq: GRADUATE CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM Note: Instructor permission required 1st week. Field trips & travel fee $25.00-$900.00 ******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUS/URBAN RV CRP 590D 1-3 CREDITS
Preq: GRADUATE CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM Note: Instructor permission required 1st week. ******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRON PLAN CRP 590H 1-3 CREDITS
Preq: GRADUATE CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM Note: Instructor permission required 1st week. ******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPORT PL CRP 590I 1-3 CREDITS
Preq: GRADUATE CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM Note: Instructor permission required 1st week. ******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L PLAN CRP 590W 1-3 CREDITS
Preq: GRADUATE CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM Note: Instructor permission required 1st week. ******* SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATIAL MTH CRP 590Q 1-3 CREDITS
Preq: GRADUATE CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM Note: Instructor permission required 1st week. ******* SEE DEPT FOR REFERENCE NUMBERS

SPL TP CMU COMM PL CRP 590P 1-3 CREDITS
Preq: GRADUATE CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM Note: Instructor permission required 1st week. ******* SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLAN CRP 590Q 1-3 CREDITS
Preq: GRADUATE CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM Note: Instructor permission required 1st week. ******* SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR GIS APP/RES CRP 595 1 CREDIT
Preq: 9 CREDITS IN GIS CERTIFICATE PROGRAM Satisfactory-Fail Only. 5571005  M 12:10-1:10 MEETS: JAN 13-MAY 9

COMMUNITY & REGIONAL PLANNING (CONTINUED)

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

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

COMMUNITY DEVELOPMENT

CMUNIT NAT RESRC MGT C DEV 502 3 CREDITS
8496600 XG ARRANGED MEETS: JAN 13-MAY 5 Note: CONTACT LORI YOUNGER FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU. Instructor permission required. Section XG is off campus Course delivery is WWN Tuition Category: GPIDEA Consortium

CMUNIT ANALYSIS: METHODS C DEV 504 3 CREDITS
8588600 XG ARRANGED MEETS: JAN 21-MAY 16 Note: CONTACT LORI YOUNGER FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU. Tuition Category: GPIDEA Consortium Section XG is off campus Course delivery is WWN Tuition Category: GPIDEA Consortium

COMM & REG ECON ANALY I C DEV 506 3 CREDITS
8608600 XG ARRANGED MEETS: JAN 21-APRIL 27 Note: CONTACT LORI YOUNGER FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU. Tuition Category: GPIDEA Consortium Section XG is off campus Course delivery is WWN Tuition Category: GPIDEA Consortium

ECOLOGICAL ECONOMICS C DEV 508 3 CREDITS
8486600 XG ARRANGED MEETS: JAN 6-MARCH 14 Note: CONTACT LORI YOUNGER FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU. Tuition Category: GPIDEA Consortium Section XG is off campus Course delivery is WWN Tuition Category: GPIDEA Consortium

BLDG NATIVE COMMUNITY C DEV 509 3 CREDITS
7439600 XG ARRANGED

COMMUNITY DEVELOPMENT

ORIENT CMUITY DEVEL C DEV 520 1 CREDIT
8539600 XG ARRANGED MEETS: JAN 13-MAY 5 Note: Tuition Category: GPIDEA Consortium Section XG is off campus Tuition Category: GPIDEA Consortium

HOUSING DEVELOPMENT C DEV 521 3 CREDITS
Note: Available for nonmajor graduate credit 7222600 XG ARRANGED MEETS: JAN 13-MAY 5 Note: CONTACT LORI YOUNGER FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU. Available for nonmajor graduate credit Section XG is off campus Course delivery is WWN Tuition Category: GPIDEA Consortium

NONPROFIT MGT C DEV 524 3 CREDITS
4905600 XG ARRANGED MEETS: JAN 13-MAY 9 Note: CONTACT LORI YOUNGER FOR PERMISSION TO REGISTER AT LYOUNG@IASTATE.EDU. Tuition Category: GPIDEA Consortium Section XG is off campus tuition form...
COMMUNITY DEVELOPMENT (CONTINUED)

NONPROFIT MGT C DEV C DEV 524 3 CREDITS
Course delivery is WWW
9190600 XG ARRANGED
MEETS: JAN 13-MAY 5
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE AT LYGNS@IASTATE.EDU.
Course delivery is WWW
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

EVALUAT ORG&PROGRAM C DEV 528 3 CREDITS
Prereg: 504 WITH GRADE OF C OR BETTER
9190600 XG ARRANGED
MEETS: JAN 13-MAY 5
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE AT LYGNS@IASTATE.EDU.
Course delivery is WWW
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

SPL TOP CMNTY DLVT C DEV 590 1-3 CREDITS
9495600 XF ARRANGED
MEETS: JAN 13-MAY 9
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE AT LYGNS@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XF is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

CREATIVE COMPONENT C DEV 599 VAR. CREDITS
2349600 XF ARRANGED
MEETS: JAN 13-MAY 9
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE AT LYGNS@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XF is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

THESES RESEARCH C DEV 699 1-6 CREDITS
8981600 XF ARRANGED
MEETS: JAN 13-MAY 9
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE AT LYGNS@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XF is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

COMMUNITY LEADERSHIP AND PUBLIC SERVICE

CAMPUS LDRSHIP DEVEL CL PS 270X 2 CREDITS
9506005

COMPUTER ENGINEERING

INTR CMTPR SECURITY CPR E 131 1 CREDIT
Satisfactory-Fail Only.
3482005 A MW 11:00-11:50
MEETS: JAN-MARCH 7
3482010 B MW 11:00-11:50
MEETS: MARCH-JUNE 9

PROG ORIENTATN CPR E 166 R CREDIT
Note: COURSE RESTRICTED TO E E & CPR E MAJORS ONLY.
DISCUSSIONS WILL MEET EVERY OTHER WEEK.
2292005 A T 11:00-12:00
MEETS: JAN-MAY 9
2292010 B T 11:00-12:00
MEETS: JAN-MAY 9
2292015 C T 3:00-4:00
MEETS: JAN-MAY 9
2292020 D T 3:00-4:00
MEETS: JAN-MAY 9

INTRO PROBLSM I CPR E 185 3 CREDITS
Prereg: CREDIT OR ENROLLMENT IN MATH 148
Note: COURSE RESTRICTED TO CPR E, ENGR, E E AND S E MAJORS ONLY. CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:
M E 160, ENGR E 160, AER E 160, C E 160, CPR E 185,
E E 185, S E 185, T 185.
3878005 A MW 9:00-9:50
F 4:10-6:00PM
MEETS: JAN-MAY 9
3878010 B MW 9:00-9:50
F 10:00-11:50
MEETS: JAN-MAY 9
3878015 C MW 9:00-9:50
F 12:10-2:00
MEETS: JAN-MAY 9

INOR PROBLSM SOLV II CPR E 186 1 CREDIT
Prereg: 185
6238005 A W 10:00-11:50
MEETS: JAN-MAY 9
6238010 B W 12:10-2:00
MEETS: JAN-MAY 9
6238015 C W 2:10-4:00
MEETS: JAN-MAY 9

TRANSFER ORIENTATI CPR E 261 R CREDIT
Satisfactory-Fail Only.
9198005 T 11:00-11:50
MEETS: JAN 13-MAY 9

DIG LOGIC,PROCRS,F I CPR E 281 4 CREDITS
Prereg: SOPHOMORE CLASSIFICATION
7321005 A MF 9:00-9:50
T 6:10-9:00PM
MEETS: JAN-MAY 9
7321010 B MF 9:00-9:50
W 3:10-6:00PM
MEETS: JAN-MAY 9
7321015 C MF 9:00-9:50
R 4:10-7:00PM
MEETS: JAN-MAY 9
7321020 D MF 9:00-9:50
F 12:10-3:00
MEETS: JAN-MAY 9
7321025 E MF 9:00-9:50
F 3:10-6:00PM
MEETS: JAN-MAY 9
7321030 F MF 4:10-5:00
T 12:10-3:00
MEETS: JAN-MAY 9
7321035 G MF 4:10-5:00
W 12:10-3:00
MEETS: JAN-MAY 9
7321040 H MF 4:10-5:00
T 3:10-6:00PM
MEETS: JAN-MAY 9

PROGRAM DISCOVERY CPR E 294 R CREDIT
Prereg: CPR E 166 OR E E 166
Satisfactory-Fail Only
5370005 ARRANGED
MEETS: JAN-MAY 9

COOPERATIVE EDUCATN CPR E 298 R CREDIT
Prereg: PERMSSN OF DEPTMNT AND ENGNEERNG CAREER

SOFTWARE PROJCT MGT CPR E 329 3 CREDITS
Satisfactory-Fail Only.
9240005 A TR 4:10-5:30
MEETS: JAN-MAY 9

THEORET FOUND CPR E CPR E 310 3 CREDITS
Prereg: CREDIT OR ENROLL IN CPR E 288, COM S 228
2036010 D MWF 9:00-9:50
W 3:10-6:00PM
MEETS: JAN-MAY 9
2036015 B MWF 9:00-9:50
T 11:00-1:50
MEETS: JAN-MAY 9
2036005 A MWF 9:00-9:50
R 4:10-7:00PM
MEETS: JAN-MAY 9

DIG LOGIC,PROCRS,F I CPR E 281 4 CREDITS
Prereg: SOPHOMORE CLASSIFICATION
7321005 A MF 9:00-9:50
T 6:10-9:00PM
MEETS: JAN-MAY 9
7321010 B MF 9:00-9:50
W 3:10-6:00PM
MEETS: JAN-MAY 9
7321015 C MF 9:00-9:50
R 4:10-7:00PM
MEETS: JAN-MAY 9
7321020 D MF 9:00-9:50
F 12:10-3:00
MEETS: JAN-MAY 9
7321025 E MF 9:00-9:50
F 3:10-6:00PM
MEETS: JAN-MAY 9
7321030 F MF 4:10-5:00
T 12:10-3:00
MEETS: JAN-MAY 9
7321035 G MF 4:10-5:00
W 12:10-3:00
MEETS: JAN-MAY 9
7321040 H MF 4:10-5:00
T 3:10-6:00PM
MEETS: JAN-MAY 9

EMBEDDE SYS I:INTRO CPR E 288 4 CREDITS
Prereg: CPR E 288 or COM S 227 OR 228 OR E E 225
3364005 A TR 9:30-10:50
T 2:10-3:00
MEETS: JAN-MAY 9
3364010 B TR 9:30-10:50
T 4:10-6:00PM
MEETS: JAN-MAY 9
3364015 C TR 9:30-10:50
T 6:10-8:00PM
MEETS: JAN-MAY 9
3364020 D TR 2:10-3:30
W 12:10-2:00
MEETS: JAN-MAY 9
3364025 E TR 9:30-10:50
R 2:10-4:00
MEETS: JAN-MAY 9
3364030 F TR 2:10-3:30
F 12:10-2:00
MEETS: JAN-MAY 9
3364035 G TR 2:10-3:30
F 3:10-4:00
MEETS: JAN-MAY 9

PROGRAM DISCOVERY CPR E 294 R CREDIT
Prereg: CPR E 166 OR E E 166
Satisfactory-Fail Only
5370005 ARRANGED
MEETS: JAN-MAY 9

COMPUTER ENGINEERING (CONTINUED)

COOPERATIVE EDUCATN CPR E 298 R CREDIT
Prereg: PERMSSN OF DEPTMNT AND ENGNEERNG CAREER

SOFTWARE PROJCT MGT CPR E 329 3 CREDITS
Prereg: 185
6832005 A TR 11:00-12:15
MEETS: JAN-MAY 9
INTREGRATED ELECTRONS CPR E 330 4 CREDITS
Preq: E E 201, CREDIT OR ENROLLMENT IN E E 230,
Note: CREDIT FOR EITHER CPR/E/E E 330 OR E/E 331,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Available for nonmajor graduate credit
2311005 A MWF 9:00-9:50
T 8:00-10:50
MEETS: JAN 13-MAY 9
2311010 B MWF 9:00-9:50
R 8:00-10:30
MEETS: JAN 13-MAY 9
2311015 C MWF 9:00-9:50
R 3:10-6:00
MEETS: JAN 13-MAY 9
2311020 D MWF 9:00-9:50
W 3:10-6:00
MEETS: JAN 13-MAY 9
2311025 E MWF 9:00-9:50
F 1:00-4:00
MEETS: JAN 13-MAY 9
2311030 F MWF 9:00-9:50
F 10:00-12:50
MEETS: JAN 13-MAY 9
2311035 G MWF 9:00-9:50
M 3:10-6:00
MEETS: JAN 13-MAY 9

SFTWR ARCHITC/DESIGN CPR E 339 3 CREDITS
Preq: S E 319
Note: Available for nonmajor graduate credit
6834005 MWF 10:00-10:50
MEETS: JAN 13-MAY 9

TOYING WITH TECHNOL CPR E 370 3 CREDITS
Preq: C I 201 OR C I 202
5941005 TR 1:10-3:00
MEETS: JAN 13-MAY 9

INTEGRATED ELECTRONS CPR E 330 4 CREDITS
Preq: CPR E 281
Note: Available for nonmajor graduate credit
8512003 TR 9:30-10:50
MEETS: JAN 13-MAY 9
7291005 TR 11:00-12:00
MEETS: JAN 13-MAY 9
8156005 A TR 12:40-2:00
W 9:00-11:50
MEETS: JAN 13-MAY 9
8156100 B TR 12:40-2:00
W 3:10-6:00
MEETS: JAN 13-MAY 9
8156105 C TR 12:40-2:00
R 4:10-7:00
MEETS: JAN 13-MAY 9

PROGRAM EXPLORATION CPR E 394 R CREDIT
Preq: 294 OR E E 294
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
Satisfactory-Fail Only.
5388005 ARRANGED
MEETS: JAN 13-MAY 9

ENGINEER INTERNSHIP CPR E 397 R CREDIT
Preq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

COORDINATE EDUCATN CPR E 398 R CREDIT
Preq: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

FORMAL ASPECTS VERIFIC CPR E 412 3 CREDITS
Preq: COM S 309, S E 319
Note: Available for nonmajor graduate credit
8535005 MW 4:10-5:30
MEETS: JAN 13-MAY 9

EMBEDDED SYS DESIGN CPR E 488 4 CREDITS
Preq: 381 OR E E 324
Note: Available for nonmajor graduate credit
2771005 A TR 11:00-12:00
T 4:10-6:00
MEETS: JAN 13-MAY 9
2771010 B TR 11:00-12:00
W 1:10-3:00
MEETS: JAN 13-MAY 9
2771015 C TR 11:00-12:00
F 1:10-3:00
MEETS: JAN 13-MAY 9

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

SR DESIGN PROJ &PRO CPR E 491 3 CREDITS
Preq: 308 OR E E 322, COMPLETION OF 24 CREDITS
IN THE CPR/E CORE PROFESSIONAL PROGRAM OR 29 CREDITS
IN THE CPR/E/E CORE PROFESSIONAL PROGRAM, ENGL 314
Note: Course restricted to CPR E and E E Majors Junior
AND Above
Instructor permission required 1st week.
2765005 T 2:10-4:00
MEETS: JAN 13-MAY 9
Note: Materials fee $55.00

PORTFOLIO ASSESSMN CPR E 494 R CREDIT
Preq: 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

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

SR DESIGN PROJ II CPR E 492 2 CREDITS
Preq: 491
Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
AND ABOVE
1659005 R 2:10-3:00
MEETS: JAN 13-MAY 9
Note: Materials fee $55.00

PORTFOLIO ASSESSMN CPR E 494 R CREDIT
Preq: CREDIT OR ENROLLMENT IN 491
Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
AND ABOVE
2279005 A W 1:10-2:00
MEETS: JAN 13-MAY 9
2279010 B W 2:10-3:00
MEETS: JAN 13-MAY 9
2279015 C R 3:10-4:00
MEETS: JAN 13-MAY 9
2279020 D R 4:10-5:00
MEETS: JAN 13-MAY 9

COORDINATE EDUCATN CPR E 498 R CREDIT
Preq: 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS
COMPUTER ENGINEERING (CONTINUED)

DSN CMOS PHS-L LOOP    CPR E 506    4 CREDITS
Prereq: E E 435 OR E E 501 OR INSTRUCTOR APPROVAL
9161005 A TR 11:00-12:20
F 4:10-7:00PM
MEETS: JAN 13-MAY 9
9160101 B TR 11:00-12:20
R 6:10-9:00PM
MEETS: JAN 13-MAY 9

INFORMATION WARFARE    CPR E 532    3 CREDITS
Prereq: 531
2989005 TR 8:00-9:20
MEETS: JAN 13-MAY 9

CPR E 590    1-6 CREDITS
MEETS: JAN 13-MAY 9

COMPUTER SCIENCE

ORIENTATION           COM S 101    R CREDIT
2672005 T 12:40-2:00
MEETS: JAN 13-MARCH 7

COMPUTER APPLICATNS    COM S 103    4 CREDITS
2673005 1 ARRANGED
MEETS: JAN 13-MAY 9
Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 1 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 14,
Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 2 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 3 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 4 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 5 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 6 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 7 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 8 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,
Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 9 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 13,

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INTRO TO COMPUTERS   COM S 104   2 CREDITS

INTRO SPRDSH&DATASBS   COM S 113X   3 CREDITS
## COMPUTER SCIENCE (CONTINUED)

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<td>COM S 228</td>
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<td>ADV PROGRAMM G TECHQ</td>
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<td>INDEPENDENT STUDY</td>
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<td>DISCRETE CMP STRUCTUR</td>
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<td>Prereq: 228, MATH 166, AND ENGL 250 OR ENGL 105</td>
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<tr>
<td>THEORY OF COMPUTING</td>
<td>3</td>
<td>Prereq: 228, 330 OR CPR E 310, MATH 266, AND ENGL 250 OR ENGL 105</td>
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<tr>
<td>PRIN PROG LANGUAGES</td>
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<td>Prereq: C- OR BETTER IN COM S 228, COM S 330 OR CPR E 310</td>
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<td>NUMBER THEORY</td>
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<td>Note: Available for nonmajor graduate credit</td>
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<td>INTRO OPERATING SYS</td>
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<td>Prereq: 321, 229, ENGL 250 OR ENGL 105</td>
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<td>SOFTWARE TESTING</td>
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<td>ADVNCP PRGRM TOOLS</td>
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<td>NUMRC MTHDS DIF EQ</td>
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<td>Prereq: MATH 266 AND EITHER MATH 266 OR MATH 267, KNOWLEDGE OF A PROGRAMMING LANGUAGE</td>
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<td>3</td>
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<td>PRIN CGN REASONING</td>
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<td>Note: Available for nonmajor graduate credit</td>
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<tr>
<td>COMPUTER SCIENCE (CONTINUED)</td>
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<td><strong>Note:</strong> Available for nonmajor graduate credit</td>
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</tbody>
</table>

**Instructor permission required 1st week.**
**COMPUTER SCIENCE (CONTINUED)**

**INDEP STUDY HONORS** COM S 490H VAR. CREDITS
Prereq: 6 CREDITS IN COM S, PERMISSION OF INSTRUCTOR, MEMBERSHIP IN HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF COM S 490H MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
Instructor permission required 1st week.
Satisfactory-Fail Only.

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

**MTH SOFTWARE ENGINEERING** COM S 512 3 CREDITS
Prereq: 311, 330
2707005 3 MF 4:10-5:30
MEETS: JAN 13-MAY 9

**SOFTWARE SYSTEMS SAFETY** COM S 515 3 CREDITS
Prereq: 309 OR 311, 342
6810005 TR 9:30-10:50
MEETS: JAN 13-MAY 9

**INTR CMPTNL GEOMETRY** COM S 518 3 CREDITS
Prereq: 311 OR PERMISSION OF INSTRUCTOR
5866005 MWF 2:10-3:00
MEETS: JAN 13-MAY 9

**THEORY OF COMPUTATION** COM S 531 3 CREDITS
Prereq: 331
2709005 MWF 11:00-11:50
MEETS: JAN 13-MAY 9

**PRIN OPERAT SYSTEMS** COM S 552 3 CREDITS
Prereq: 352
2713005 MWF 1:10-2:00
MEETS: JAN 13-MAY 9

**DIST & NETWORK OPERATIONS** COM S 554 3 CREDITS
Prereq: 311, 352
2714005 TR 11:00-12:20
MEETS: JAN 13-MAY 9

**ADV GENOME INFORMATIC** COM S 568 3 CREDITS
Prereq: BCB 567, BIOL 315, STAT 430, CREDIT OR ENROLLMENT IN GEN 411
3310005 TR 9:30-10:50
MEETS: JAN 13-MAY 9

**COMP FUNCTIONAL BIO INFO** COM S 570 3 CREDITS
Prereq: BCB 567, BIOL 315, COM S 311, COM S 208 OR 229, GEN 411, STAT 430
3313005 TR 12:40-2:00
MEETS: JAN 13-MAY 9

**MACHINE LEARNING** COM S 573 3 CREDITS
Prereq: 362, STAT 330
2660005 MWF 10:00-10:50
MEETS: JAN 13-MAY 9

**COMPUTATIONAL PERCEPTION** COM S 575 3 CREDITS
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSION
3246005 TR 2:10-3:30 SINAPOV J
MEETS: JAN 13-MAY 9
3246600 XR ARRANGED SINAPOV J
Note: Section XR is off campus
Course delivery is WWW

**SPECIAL TOPICS** COM S 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

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

**RESEARCH COLLOQUIA** COM S 592 1 CREDIT
Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.

8406005 R 3:40-5:00
MEETS: JAN 13-MAY 9

**GRADUATE INTERNSHIP** COM S 598 R CREDIT
Prereq: GRADUATE CLASSIFICATION
5627005 ARRANGED
MEETS: JAN 13-MAY 9

**CREATIVE COMPONENT** COM S 599 1-3 CREDITS
Satisfactory-Fail Only.

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

**SEMINAR** COM S 610 VAR. CREDITS
Satisfactory-Fail Only.

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

**ADVANCED TOPICS IN ALGEBRA** COM S 611 3 CREDITS
Prereq: 511, 531
8204005 ARRANGED
MEETS: JAN 13-MAY 9

**THEORY GAMES, UNCERTAIN** COM S 634 3 CREDITS
Prereq: 330
8149005 TR 9:30-10:50
MEETS: JAN 13-MAY 9

**ADVANCED TOPICS IN ARCHITECTURE** COM S 681 3 CREDITS
Prereq: 581
7901005 TR 4:10-5:30
MEETS: JAN 13-MAY 9

**ADVANCED TOPICS IN SOFTWARE ENGINEERING** COM S 686 3 CREDITS
Prereq: 586
1743005 ARRANGED
MEETS: JAN 13-MAY 9

**RESEARCH** COM S 699 VAR. CREDITS
Prereq: APPROVAL OF INSTRUCTOR
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.

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

**CONSTRUCTION ENGINEERING**

**DEV LEARNERS & LEADERS** CON E 114 2 CREDITS
Prereq: NREM 112
9200005 1 W 9:00-10:50 WIERSEMA J
MEETS: JAN 13-MAY 9
9200010 2 W 4:10-6:00PM
MEETS: JAN 13-MAY 9

**ORIENTATION TO PROFESSION** CON E 122 1 CREDIT
5269005 1 R 4:10-6:00PM
MEETS: JAN 13-MAY 9
5269010 2 R 4:10-6:00PM
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO FRESHMAN ONLY
Note: SEC 2 RESTRICTED TO TRANSFER STUDENTS

**CONTRACT ORGANIZATION & MANAGEMENT** CON E 222 3 CREDITS
Prereq: COMPLETION OF BASIC PROGRAM
2363005 1 MTW 11:00-11:50
MEETS: JAN 13-MAY 9

**CONSTRUCTION MATERIALS & METHODS** CON E 241 3 CREDITS
Prereq: 222
2730005 1 M 12:10-1:00
R 8:00-10:50
MEETS: JAN 13-MAY 9

**MECHANICAL ELECTRICAL MTRLS & MTHS** CON E 251 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN 241
2377005 1 T 3:10-6:00PM
MEETS: JAN 13-MAY 9

**COORDINATING EDUCATION** CON E 298 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

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

**CONSTRUCTION** CON E 322 3 CREDITS
Prereq: Available for nonmajor graduate credit
2737005 1 T 12:10-2:00
R 12:10-2:00
MEETS: JAN 13-MAY 9
Note: Available for nonmajor graduate credit

**CONCRETE & STEEL CONSTRUCTION** CON E 340 3 CREDITS
Prereq: E M 324, CREDIT OR ENROLLMENT IN CON E 322
Note: Available for nonmajor graduate credit
2741005 1 M 4:10-6:00PM
W 4:10-6:00PM
MEETS: JAN 13-MAY 9

**CONSTRUCTION ENGINEERING** CON E 352 3 CREDITS
Prereq: 222
Note: Available for nonmajor graduate credit
2730005 1 MW 12:10-1:00
R 8:00-10:50
MEETS: JAN 13-MAY 9

**MECHANICAL SYSTEMS IN BUILDINGS** CON E 373 3 CREDITS
Prereq: E M 324, CREDIT OR ENROLLMENT IN CON E 322
Note: Available for nonmajor graduate credit
2741005 1 M 4:10-6:00PM
W 4:10-6:00PM
MEETS: JAN 13-MAY 9

**CONTRACTING ORGANIZATION AND MANAGEMENT** CON E 222 3 CREDITS
Prereq: COMPLETION OF BASIC PROGRAM
2363005 1 MTW 11:00-11:50
MEETS: JAN 13-MAY 9

**COOPERATIVE EDUCATION** CON E 298 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
Satisfactory-Fail Only.

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

**CONSTRUCTION MATERIALS AND METHODS** CON E 241 3 CREDITS
Prereq: 222
2730005 1 MW 12:10-1:00
R 8:00-10:50
MEETS: JAN 13-MAY 9
Note: Available for nonmajor graduate credit

**CONSTRUCTION MANAGEMENT** CON E 222 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN CON E 322
Note: Available for nonmajor graduate credit
2377005 1 T 3:10-6:00PM
MEETS: JAN 13-MAY 9

**ENGINEERING LAW** CON E 380 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Available for nonmajor graduate credit
5102005 1A M 4:10-5:30
MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO CON E MAJORS ONLY
5102010 1B M 4:10-5:30
MEETS: JAN 13-MAY 9
Note: SEC 1B RESTRICTED TO CON E MAJORS ONLY
CONSTRUCTION ENGINEERING (CONTINUED)

ENGRI NTERNSHIP CON E 397 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.
SEE DEPT FOR REFERENCE NUMBERS

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

CONSTRUCT E DESIGN I CON E 487 3 CREDITS
Prereq: 340 (B), 352 (B,E,M), 353 (B,E,M), 421, 441. STUDENT MUST BE WITHIN TWO SEMESTERS OF GRADUATING.
7639005 1 MF 12:10-1:00
T 11:00-1:00, ARRANGED
MEETS: JAN 13-MAY 9
7639010 2 MF 12:10-1:00
T 11:00-1:00, ARRANGED
MEETS: JAN 13-MAY 9
7639015 3 MF 12:10-1:00
R 11:00-1:00, ARRANGED
MEETS: JAN 13-MAY 9
7639020 4 MF 12:10-1:00
R 11:00-1:00, ARRANGED
MEETS: JAN 13-MAY 9

INDEPENDENT STUDY CON E 490 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATION CON E 498 R CREDIT
Prereq: 398, PERMISSION OF DEPT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.
SEE DEPT FOR REFERENCE NUMBERS

CRIMINAL JUSTICE STUDIES

SUC CRIME CJ ST 241 3 CREDITS
Prereq: SOC 210 OR 134
2576005 A TR 10:00-11:50
MEETS: JAN 13-MAY 9

LIBERTY & LAW IN AMER CJ ST 339X 3 CREDITS
Prereq: SOPHMORE STANDING
9455005 TR 12:40-2:00
MEETS: JAN 13-MAY 9

DEVIAN  & CRIM BRHAW CJ ST 340 3 CREDITS
Prereq: SOC 190 OR 114
2579005 A TR 2:10-3:30
BEHNKEN M
MEETS: JAN 13-MAY 9

CRIMINOLOGY CJ ST 341 3 CREDITS
Prereq: SOC 190 OR 114
3175005 A MWF 10:00-11:50
HOCHESTTLER A
MEETS: JAN 13-MAY 9

POLICE AND SOCIETY CJ ST 351 3 CREDITS
Prereq: 240 OR 241
7751005 TR 9:30-10:50
BRINKLEY J
MEETS: JAN 13-MAY 9

PSY CH CRIMIN SOC CJ ST 352 3 CREDITS
Prereq: 240 OR 241
7762005 A TR 8:00-9:20
DRUY A
MEETS: JAN 13-MAY 9

WHITE-COLLAR CRIME CJ ST 402 3 CREDITS
Prereq: 240 OR 241
8482005 A MWF 11:00-11:50
HOCHESTTLER A
MEETS: JAN 13-MAY 9

CRIMINAL JUSTICE STUDIES (CONTINUED)

CRIM&JUV JUST PRAC CJ ST 460 3-12 CREDITS
Prereq: JR OR SR CLASSIFICATION; PERMISSION
OF CJ ST COORDINATOR; MAJOR OR MINOR IN SOC, CR OR CJ ST MINOR
Note: NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE
(SOC 454 & SOC/CJ ST 460) MAY BE APPLIED TOWARD GRADUATION.
NO CREDITS IN SOC/CJ ST 460 MAY BE USED TO SATISFY MINIMUM SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
Satisfactory-Fail Only.
2581005 ARRANGED
MEETS: JAN 13-MAY 9

CURRICULUM & INSTRUCTION

PK-6 CLSRM TECNOLGI CI 201 3 CREDITS
3015005 TR 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SECT 1 RESTRICTED TO EL ED MAJORS ONLY
3015010 TR 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SECT 2 RESTRICTED TO EL ED MAJORS ONLY
3015015 TR 11:00-11:50
W 8:00-9:50
MEETS: JAN 13-MAY 9
Note: SECT 3 RESTRICTED TO EL ED & ECE MAJORS
3015020 TR 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SECT 4 RESTRICTED TO ECE MAJORS ONLY
3015025 TR 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SECT 5 RESTRICTED TO EL ED MAJORS ONLY
3015030 TR 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SECT 6 RESTRICTED TO EL ED MAJORS ONLY
3015035 TR 11:00-11:50
R 9:00-10:50
MEETS: JAN 13-MAY 9
7-12 CLASSRM TECNOL CI 202 3 CREDITS
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
2464005 TR 2:10-3:00
R 3:10-5:00
MEETS: JAN 13-MAY 9
2464010 TR 2:10-3:00
F 1:10-3:00
MEETS: JAN 13-MAY 9
2464015 TR 2:10-3:00
F 8:00-9:50
MEETS: JAN 13-MAY 9
2464020 TR 2:10-3:00
F 10:00-11:50
MEETS: JAN 13-MAY 9

SOC FOUND U.S. EDUC CI 204 3 CREDITS
6278005 TR 9:30-10:50
MEETS: JAN 13-MAY 9
6278010 TR 11:00-12:20
MEETS: JAN 13-MAY 9
6278015 TR 12:40-2:00
MEETS: JAN 13-MAY 9
6278020 TR 2:10-3:10
MEETS: JAN 13-MAY 9
6278025 TR 3:40-5:10
MEETS: JAN 13-MAY 9
6278030 TR 8:00-9:15
MEETS: JAN 13-MAY 9
6278035 TR 9:10-10:30
MEETS: JAN 13-MAY 9
6278040 TR 10:00-11:50
MEETS: JAN 13-MAY 9

ERLY CHILDHD ED ORE CI 208 1 CREDIT
Prereq: CLASSIFICATION AS AN ECE MAJOR
Note: COURSE RESTRICTED TO ECE MAJORS ONLY
Satisfactory-Fail Only
4389005 W 8:00-8:50
MEETS: JAN 13-MAY 9

ORIENT TCHR ED SCI CI 219 1 CREDIT
Prereq: STUDENTS SEEKING TEACHER LICENSURE IN MATH, SCIENCE, FAMILY AND CONSUMER SCIENCES, OR HISTORY/SOC STUDIES IN GRADES 5-12
1863005 W 12:10-1:00
MEETS: JAN 13-MAY 9

STRATEGIES IN TCHNG CI 245 2 CREDITS
Prereq: CI 204, HD FS 220 OR HD FS 224 OR HD FS 226 (OR CONCURRENT ENROLLMENT IN ONE OF THESE COURSES); CONCURRENT ENROLLMENT IN CI 268;
SOPHMORE STANDING
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
3238005 W 3:10-5:00
MEETS: JAN 13-MAY 9
COURTSHIP & INSTRUCTION (CONTINUED)

STRATEGIES PRACTICM C I 268 1 CREDIT
Prereq: 204
Note: Department permission required 1st week.
Satisfactory-Fail Only.
3240005 1 F 8:00-9:50 MEETS: JAN 13-MAY 9 3240010 2 F 10:00-11:50 MEETS: JAN 13-MAY 9 3240015 3 F 11:00-12:50 MEETS: JAN 13-MAY 9 3240020 4 F 12:00-1:50 MEETS: JAN 13-MAY 9 3240025 5 F 1:00-2:50 MEETS: JAN 13-MAY 9 3240030 6 F 2:00-3:50 MEETS: JAN 13-MAY 9 3240035 7 F 3:00-4:50 MEETS: JAN 13-MAY 9

EXPRNC TEACHER AIDE C I 280A 1-2 CREDITS
Prereq: FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. 280A MAY BE TAKEN ALONE.
Note: STUDENTS MUST RESERVE ONE MORNING OR ONE AFTERNOON PER WEEK PER CREDIT FOR SITE VISIT.
Satisfactory-Fail Only.
6279005 1 M 1:10-2:00 MEETS: JAN 13-MAY 9 6279010 2 ARRANGED MEETS: JAN 13-MAY 9 Note: SEC 2 STUDENT MUST HAVE PREVIOUSLY COMPLETED A C I 280A
Instructor permission required.

EXP LRNG TECNOLOGIES C I 280B 1-2 CREDITS
Prereq: C I 201 OR C I 202; IN C I 280A; FOR 2 CREDITS - PERMISSION OF INSTRUCTOR
Note: Department permission required 1st week.
Satisfactory-Fail Only.
6280005 ARRANGED MEETS: JAN 13-MAY 9

EARLY FIELD EXPERNC C I 280L .5-2 CREDITS
Note: MUST RESERVE ONE MORNING OR ONE AFTERNOON PER WEEK FOR SITE VISITS.
Satisfactory-Fail Only.
2843005 1 M 12:10-1:00, ARRANGED

EXP SECONDARY SCIENC C I 280M 1-2 CREDITS
Note: CLASSROOM MEETING DATES JAN 11-FEB 17
Satisfactory-Fail Only.
8260005 MM 8:00-9:30, ARRANGED MEETS: JAN 13-FEB 17

COHORT FIELD EXPERC C I 280N 1-2 CREDITS
Prereq: PERMISSION OF DEPARTMENT REQUIRED
Satisfactory-Fail Only.
7710005 1 W 2:10-3:00, ARRANGED MEETS: JAN 13-MAY 9

PRE-TEACH EXPERS C I 2800 1-2 CREDITS
Prereq: PERMISSION OF DEPARTMENT
Satisfactory-Fail Only.
1904005 ARRANGED MEETS: JAN 13-MAY 9

EXPRNC CY LRNG ZONE C I 280T 1 CREDIT
Prereq: MATH 195, 196; AND ADMISSION INTO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Satisfactory-Fail Only.
9375005 1 T 2:10-3:00 MEETS: JAN 13-MAY 9

PRIN&PRC DIGTL LRNG C I 302 3 CREDITS
Prereq: C I 201 OR C I 202
6289005 1 W 5:30-7:20 MEETS: JAN 13-MAY 9

TRANSFR ORIENTATION C I 315 1 CREDIT
Note: Department permission required 1st week.
Satisfactory-Fail Only.
3250005 1 T 8:00-8:50 MEETS: JAN 13-MAY 9 3250010 2 W 9:00-9:50 MEETS: JAN 13-MAY 9

ED PSYCH YNG LEARNR C I 332 3 CREDITS
Prereq: PSYCH 230 OR HS FS 102, OPEN ONLY TO MAJORS IN EARLY CHILDHOOD EDUCATION OR ELEMENTARY ED
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY.
2635005 MWF 1:10-2:00 MEETS: JAN 13-MAY 9

EDUCATIONAL PSYCHOL C I 333 3 CREDITS
Prereq: PSYCH 230 OR HS FS 102, APPLICATION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM OR MAJOR IN PSYCHOLOGY
Note: COURSE RESTRICTED TO PSYCH, SEC ED MAJORS
6084005 MWF 11:00-11:50 MEETS: JAN 13-MAY 9
STUDENT TEACHING INSTRUCTION

STUDENT TEACHING MATH C I 417C VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Note: SEC 4 OFFERED FOR 8 CREDITS SPRING 2014.
9045005 1 ARRANGED
MEETS: JAN 13-MARCH 7
9045010 2 ARRANGED
MEETS: MARCH 10-MAY 9
Note: SEC 4 OFFERED FOR 8 CREDITS SPRING 2014.

STUDENT TEACHING PHYS SCI C I 417D VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Note: SEC 4 OFFERED FOR 8 CREDITS.
8045020 4 ARRANGED
MEETS: MARCH 10-MAY 9
Note: Sec 4 offered for 8 credits. Instructor permission required.

STUDENT TEACHING ENGLISH LIT C I 417E VAR. CREDITS
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Note: Sec 4 Offered for 16 credits.
8046020 4 ARRANGED
MEETS: MARCH 10-MAY 9
Note: Instructor permission required.

STUDENT TEACHING WORLD LANG C I 417F VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Note: Sec 4 Offered for 8 credits.
8049020 4 ARRANGED
MEETS: MARCH 10-MAY 9
Note: Sec 4 offered for 8 credits. Instructor permission required.
STUDENT TCH BASIC SCI C I 417M VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF CURRICULUM & INSTRUCTION
COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
9054005 1 ARRANGED
MEETS: MARCH 10-MAY 9
Note: SEC 4 ARRANGED FOR 8 CREDITS.
Note: COURSE OFFERED FOR 8 CREDITS SPRING 2014.
Note: STUDENT MUST HAVE A TEACHING LICENSE REGISTERED CONCURRENTLY FOR SP ED 365, 436;
GRADUATE STUDENTS MUST ENROLL IN SAME SECTION NUMBER OF 378.
 марта 9
Note: NO MEETINGS FEB 18-MARCH 15
Note: NO MEETINGS FEB 18-MARCH 15
Note: NO MEETINGS FEB 18-MARCH 15
Note: NO MEETINGS MARCH 25-APRIL 19.
Note: DEPARTMENT PERMISSION REQUIRED 1ST WEEK.
Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.
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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>87</td>
<td>CURRICULUM &amp; INSTRUCTION</td>
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<tr>
<td>PRA PRIMRY DG4LANG C I 468A 1 CREDIT</td>
<td>Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PROG Note: TAKE CONCURRENTLY WITH C I 377 AND 448 AND 468C. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM RESTRICTED TO EL ED MAJORS. Department permission required last week. Satisfactory-Fail Only.</td>
<td>3265005 1 TR 7:30-4:30, ARRANGED MEETS: MARCH 24-APRIL 18</td>
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<tr>
<td>PRA RDG4LANG INTRMD C I 468B 1 CREDIT</td>
<td>Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PROG Note: TAKE CONCURRENTLY WITH C I 378, 449, 468D. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM RESTRICTED TO EL ED MAJORS ONLY. Department permission required last week.</td>
<td>3266005 1 TR 7:30-4:30, ARRANGED MEETS: FEB 17-MARCH 14</td>
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<tr>
<td>TCHG PRACTICUM MATH C I 468C 1 CREDIT</td>
<td>Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PROG Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2013. TAKE CONCURRENTLY WITH 378, 449, 468B. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM RESTRICTED TO EL ED MAJORS ONLY. Department permission required last week.</td>
<td>3267005 1 TR 7:30-4:30, ARRANGED MEETS: MARCH 24-APRIL 18</td>
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<tr>
<td>TCHG PRACTICUM SCI C I 468D 1 CREDIT</td>
<td>Prereq: 245, 250, 268; ADMISSION TO TEACHER ED PROG Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2013. TAKE CONCURRENTLY WITH 378, 449, 468B. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM RESTRICTED TO EL ED MAJORS ONLY. Department permission required last week.</td>
<td>3268005 1 TR 7:30-4:30, ARRANGED MEETS: FEB 17-MARCH 14</td>
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<tr>
<td>PRA PMRY LITRCY INC C I 468F 1 CREDIT</td>
<td>Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC Note: REQUIRED MEETING - WED, JAN 13 AT 8AM. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM RESTRICTED TO EL ED MAJORS ONLY. Department permission required last week.</td>
<td>4518005 1 TR 7:30-4:00, ARRANGED MEETS: MARCH 24-APRIL 18</td>
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<tr>
<td>PRA PMRY MATH INCL C I 468G 1 CREDIT</td>
<td>Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC Note: TAKE CONCURRENTLY WITH C I 377, 449, 468D. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM Satisfactory-Fail Only.</td>
<td>4524005 1 TR 7:30-4:30, ARRANGED MEETS: MARCH 24-APRIL 18</td>
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<tr>
<td>PRA PRIMRY SCI INCL C I 468H 1 CREDIT</td>
<td>Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC Note: TAKE CONCURRENTLY WITH C I 377, 449, 468D. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM Satisfactory-Fail Only.</td>
<td>4528005 1 TR 12:10-4:00, ARRANGED MEETS: FEB 17-MARCH 14</td>
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<tr>
<td>PRACTICM SEC SCI II C I 468K 2 CREDITS</td>
<td>Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC Note: CONCURRENT ENROLLMENT IN C I 419 REQUIRED. RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM</td>
<td>8223005 ARRANGED MEETS: JAN 13-MAY 9</td>
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<td>CURRICULUM &amp; INSTRUCTION (CONTINUED)</td>
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<td>PRACT READNG ENDORS C I 468R 1 CREDIT</td>
<td>Prereq: PERMISSION OF DEPT; CONCURRENT ENROLLMENT IN C I 378; ADMISSION TO TEACHER EDUC PROGRAM Note: Department permission required last week. Satisfactory-Fail Only.</td>
<td>4300005 1 TR 7:30-4:30, ARRANGED MEETS: FEB 17-MARCH 14</td>
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<td>FLD EXP TCH ENGLISH C I 480E .5- 2 CREDITS</td>
<td>Prereq: PERMISSION OF AREA COORDINATOR REQUIRED PRIOR TO ENROLLMENT</td>
<td>5062005 1 ARRANGED MEETS: JAN 13-MAY 9</td>
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<td>FLD EXP TCH WLD LNG C I 480F .5- 2 CREDITS</td>
<td>Prereq: PERMISSION OF AREA COORDINATOR REQUIRED PRIOR TO ENROLLMENT</td>
<td>5174005 1 ARRANGED MEETS: JAN 13-MAY 9</td>
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<td>FLD EXP TEACH MUSIC C I 480K .5- 2 CREDITS</td>
<td>Prereq: PERMISSION OF AREA COORDINATOR REQUIRED PRIOR TO ENROLLMENT</td>
<td>9064005 ARRANGED MEETS: JAN 13-MAY 9</td>
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<td>SUPVS TUTOR READING C I 488 3 CREDITS</td>
<td>Prereq: SUCCESSFUL COMPLETION OF C I 468C I 417 AND CONCURRENT ENROLLMENT IN OR COMPLETION OF ONE COURSE IN CORRECTIVE READING/DIAGNOSIS AND CORRECTION OF READING PROBLEMS</td>
<td>9461005 R 5:10-8:30PM MEETS: JAN 13-MAY 9</td>
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<td>INDEP STDY MUSC ED C I 490A  VAR.  CREDITS</td>
<td>Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ** SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>INDEP STU CURR CONSTR C I 490C 1-3 CREDITS</td>
<td>Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER ** SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>INDEP STU PRN EDUC C I 490D 1-3 CREDITS</td>
<td>Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER ** SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>INDEP STU MTHD TCHG C I 490E 1-3 CREDITS</td>
<td>Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER ** SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>INDEP STDY CURRICULUM &amp; INSTRUCTION (CONTINUED)</td>
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<td>INDEP STUDY HONORS C I 490H 1-3 CREDITS</td>
<td>Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER MEMBERSHIP IN UNIV HONORS PROGRAM ** SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>INDEP STUDY DIGITL LANG C I 490I 1-3 CREDITS</td>
<td>Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER ** SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>INDEP STUDY MATH ED C I 490J 1-3 CREDITS</td>
<td>Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER ** SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>INDEP STUDY CURRICULUM &amp; INSTRUCTION (CONTINUED)</td>
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<td>INDEP STUDY MATH ED C I 490M 1-3 CREDITS</td>
<td>Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER ** SEE DEPT FOR REFERENCE NUMBERS</td>
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<tr>
<td>INDEP STUDY FOUND EDUC C I 490O 1-3 CREDITS</td>
<td>Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER ** SEE DEPT FOR REFERENCE NUMBERS</td>
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<td>MNG&amp;EVAL TEC INTRVN C I 504 3 CREDITS</td>
<td>Prereq: 501 2795005 R 5:10-8:00PM MEETS: JAN 13-MAY 9</td>
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CURRICULUM & INSTRUCTION (CONTINUED)

CRTV COMP LITERC ED C I 599M 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
ED INQUIRY IN ACT C I 602 3 CREDITS
Prereq: C I 160
4948005 R 5:30-8:30PM
MEETS: JAN 13-MAY 9
ADV LRN ENVIR DSIGN C I 603 3 CREDITS
Prereq: 503
2926005 T 5:10-8:00PM
MEETS: JAN 13-MAY 9
DIGITL LEARN TCHR ED C I 610 2 CREDITS
Prereq: 505
2065005 R 10:00-11:50
ARRANGED
MEETS: JAN 13-MAY 9
SEMMAR DIGITL LEARN C I 615B 1 CREDIT
5264005 W 4:10-5:00
MEETS: JAN 13-MAY 9
SEMINAR SCIENCE ED C I 615C 1 CREDIT
5268005 W 4:10-5:00
MEETS: JAN 13-MAY 9
ADV SPCL TOP CURRIC C I 690A VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
ADV SP TOP DGTL LRN C I 690B VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
ADV SPCL TOP SCI ED C I 690C VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
ADV SPCL TOP SEC ED C I 690D VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
ADV SPL TOP MLTCUL C I 690F VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
ADV SPL TOP MATH ED C I 690G VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
ADV SPL TP WRL LANG C I 690J VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
ADV SPL TOP SOC STU C I 690L VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
ADV TCHR LITERACY ED C I 690M VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH CURRICULUM C I 699A VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RSRCH DIGITAL LEARN C I 699B VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RSRCH SCIENCE EDUC C I 699C VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
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RSRCH SECNDRY EDUC C I 699D VAR. CREDITS
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RES MULTICULTURL ED C I 699F VAR. CREDITS
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******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH MATH EDUC C I 699G VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RESEARCH ELEM EDUC C I 699I VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
CURRICULUM & INSTRUCTION (CONTINUED)

RSRCH WRLD LANGU ED C I 699J VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RSRCH EDUC PSYCHOL C I 699K VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RSRCH SOC STUDI ED C I 699L VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS
RSRCH LITERACY ED C I 699M VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
******* SEE DEPT FOR REFERENCE NUMBERS

DANCE

MODERN DANCE I C I 6120 1 CREDIT
2838005 1 MN 11:00-12:20
MEETS: JAN 13-MAY 9
BALLET I C I 6130 1 CREDIT
Satisfactory-Fail Only
2839005 1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
JAZZ I C I 6140 1 CREDIT
Satisfactory-Fail Only
2840005 1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
BALLEROOM DANCE I C I 6160 1 CREDIT
Satisfactory-Fail Only
2842005 1 TR 10:00-1:50
MEETS: JAN 13-MAY 9
Note: SEC 1 FOR MEN ONLY, MEETS WITH SEC 2
2842010 2 TR 10:00-1:50
MEETS: JAN 13-MAY 9
Note: SEC 2 FOR MEN ONLY, MEETS WITH SEC 1
2842013 3 TR 11:00-1:50
MEETS: JAN 13-MAY 9
Note: SEC 3 FOR MEN ONLY, MEETS WITH SEC 4
2842020 4 TR 11:00-1:50
MEETS: JAN 13-MAY 9
Note: SEC 4 FOR WOMEN ONLY, MEETS WITH SEC 3
DANCE CONTINUUM C I 6199 .5-2 CREDITS
Prereq: INSTRUCTOR PERMISSION, ADVANCE REGISTRATION REQUIRED
Note: COURSE OFFERED FOR 1-2 CREDITS SPRING 2013 Instructor permission required 1st week.
2845005 1 ARRANGED
MEETS: JAN 13-MAY 9
FUND SOCIAL&WORLD DANCE C I 211 2 CREDITS
9612005 1 MW 10:00-10:50
MEETS: JAN 13-MAY 9
MODERN DANCE III C I 6223 1 CREDIT
2848005 1 TR 11:00-12:20
MEETS: JAN 13-MAY 9
CONCERT&THEatre DANCE C I 6224 .5-2 CREDITS
Prereq: BY AUDITION ONLY
Note: Instructor permission required 1st week. Satisfactory-Fail Only.
2849005 1 ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 1 OFFERED FOR 1 CREDIT ONLY
2849010 2 ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
2849015 3 ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 3 OFFERED FOR 2 CREDITS ONLY
BALLET II C I 6232 1 CREDIT
Prereq: PREVIOUS BALLET EXPERIENCE
2850005 1 MW 12:10-1:30
MEETS: JAN 13-MAY 9
JAZZ II C I 6242 1 CREDIT
Prereq: PREVIOUS JAZZ DANCE EXPERIENCE
2852005 1 TR 2:10-3:30
MEETS: JAN 13-MAY 9
DANCE APPRECIATION C I 270 3 CREDITS
2855005 1 TR 1:10-2:00
MEETS: JAN 13-MAY 9
HIST & PHIL OF DANCE  DANCE 360  3 CREDITS
Prereq: 270
2857005  1 TR 2:10-3:30  MEETS: JAN 13-MAY 9

ADV STUDIES DANCE  DANCE 370  1-3 CREDITS
Prereq: CR IN DANCE, ADVANCE REGISTRATION REQ'D
Note: Instructor permission required 1st week.
2858005  1 ARRANGED  MEETS: JAN 13-MAY 9

TCHG CHILDRN'S DANCE  DANCE 384  2 CREDITS
Prereq: 320
2859005  1 MW 12:10-1:00  MEETS: JAN 13-MAY 9

TCHNG TECHNIQ & COMP  DANCE 386  2 CREDITS
Prereq: 320
2861005  1 MW 12:10-1:00  MEETS: JAN 13-MAY 9

INDEPENDENT STUDY DANCE  DANCE 490  1-3 CREDITS
Prereq: CR IN DANCE, PERMISSION OF COORDINATOR
Note: Course only offered for 1-3 credits spring 2013.
******  SEE DEPT FOR REFERENCE NUMBERS

DESIGN THINKING  DES 230  3 CREDITS
4957005  1 TR 8:00-9:20  MEETS: JAN 13-MAY 9

DESIGN STUDIO I  DES 240  2 CREDITS
Prereq: DSN S 102, DSN S 131 AND DSN S 183
4959005  1 TR 12:40-4:00  MILLER M  MEETS: JAN 13-MARCH 7
4959010  2 TR 12:40-4:00  LUETH P  MEETS: JAN 13-MAY 9
4959015  3 MW 5:10-8:30PM  JACKSON M  MEETS: JAN 13-MAY 7

DESIGN FORUM  DSN S 250  2 CREDITS
Prereq: DSN S 102, DSN S 131, DSN S 183
4960005  M 1:10-3:00  SAREKOR K  MEETS: JAN 13-MAY 9

MULTI-D GTL DS COMM  DES 332X  3 CREDITS
Prereq: ARCH 230, ARTGR 275, DSN S 232, OR PERMISSION OF THE INSTRUCTOR
9579005  1 MW 3:10-4:30, ARRANGED EVANS P  MEETS: JAN 13-MAY 9
9579010  2 MW 3:10-4:30, ARRANGED  MEETS: JAN 13-MAY 9

DESIGN STUDIO II  DES 340  2 CREDITS
Prereq: 4 CREDITS OF DES 240
6434005  1 TR 9:00-12:20  LOPEZ-BARRERA M  MEETS: JAN 13-MAY 9
6434010  2 TR 9:00-12:20  NEPPL T  MEETS: JAN 13-MAY 9
6434015  3 MW 5:10-8:30PM  EDWARDS N  MEETS: JAN 13-MAY 9

CAPSTONE EXPERIENCE  DES 495  4 CREDITS
Prereq: 2 CREDITS OF DES 340; CLASSIFICATION IN DES MAJOR
8101005  TR 12:40-4:00  SPILLER J  MEETS: JAN 13-MAY 9

INDEPENDENT STUDY DESIGN  DSN S 102  4 CREDITS
Prereq: ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF DESIGN MAJORS.
EVEN-NUMBERED SECTIONS RESTRICTED TO COLLEGES OTHER THAN DESIGN.

DESIGN STUDIO I  DSN S 102  4 CREDITS
Note: Odd-numbered sections restricted to college of design majors; even-numbered sections restricted to colleges other than design.
8050005  1 MW 9:00-11:50  F 9:00-9:50  MEETS: JAN 13-MAY 9
8050010  2 MW 9:00-11:50  F 9:00-9:50  MEETS: JAN 13-MAY 9
8050015  3 MW 9:00-11:50  F 9:00-9:50  MEETS: JAN 13-MAY 9
8050020  4 MW 9:00-11:50  F 9:00-9:50  MEETS: JAN 13-MAY 9
8050025  5 MW 9:00-11:50  F 9:00-9:50  MEETS: JAN 13-MAY 9
8050030  6 MW 9:00-11:50  F 9:00-9:50  MEETS: JAN 13-MAY 9
8050035  7 MW 9:00-11:50  F 9:00-9:50  MEETS: JAN 13-MAY 9

DESIGN STUDIO II  DSN S 110  4 CREDITS
Note: Odd-numbered sections restricted to college of design majors; even-numbered sections restricted to colleges other than design.

DESIGN STUDIO III  DSN S 120  4 CREDITS

DESIGN STUDIO IV  DSN S 130  4 CREDITS

DESIGN STUDIO V  DSN S 140  4 CREDITS

DESIGN STUDIO VI  DSN S 150  4 CREDITS

DESIGN STUDIO VII  DSN S 160  4 CREDITS

DESIGN STUDIO VIII  DSN S 170  4 CREDITS

DESIGN STUDIO IX  DSN S 180  4 CREDITS

DESIGN STUDIO X  DSN S 190  4 CREDITS

DESIGN STUDIO XI  DSN S 200  4 CREDITS

DESIGN STUDIO XII  DSN S 210  4 CREDITS

DESIGN STUDIO XIII  DSN S 220  4 CREDITS

DESIGN STUDIO XIV  DSN S 230  4 CREDITS

DESIGN STUDIO XV  DSN S 240  4 CREDITS

DESIGN STUDIO XVI  DSN S 250  4 CREDITS

DESIGN STUDIO XVII  DSN S 260  4 CREDITS

DESIGN STUDIO XVIII  DSN S 270  4 CREDITS

DESIGN STUDIO XIX  DSN S 280  4 CREDITS

DESIGN STUDIO XX  DSN S 290  4 CREDITS

DESIGN STUDIO XXI  DSN S 300  4 CREDITS

DESIGN STUDIO XXII  DSN S 310  4 CREDITS

DESIGN STUDIO XXIII  DSN S 320  4 CREDITS

DESIGN STUDIO XXIV  DSN S 330  4 CREDITS
### DESIGN STUDIES

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DESIGN STUDIES (CONTINUED)

SUSTAINABLE COMMUNIT DSN S 484 3 CREDITS  
Prereq: JUNIOR CLASSIFICATION
7042005 TR 10:10-11:30  MEETS: JAN 13-MAY 9

DESIGN: MADE IN ITALY DSN S 486 3 CREDITS
2420800 IT ARRANGED SCHNEIDER P
MEETS: JAN 13-MAY 7
Note: SEC IT TAUGHT IN ITALY, ITALY. 'COLLEGE OF DESIGN IN ITALY: ARCHITECTURE, SPRING 2013. OFFERED FOR 3 CREDITS
Study Abroad Administrative Fee Applies

INDEPENDENT STUDY DSN S 490C 1-4 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT  
Chair on req'd form prior to semester of enrollment  
********* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY DSN S 490D 1-4 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT  
Chair on req'd form prior to semester of enrollment  
********* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY DSN S 490E 1-4 CREDITS  
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT  
Chair on req'd form prior to semester of enrollment  
********* SEE DEPT FOR REFERENCE NUMBERS

SPL TP ITALIAN CULT DSN S 492 1 CREDIT
Prereq: ENROLLMENT IN THE COLLEGE OF DESIGN ROME STUDY ABROAD PROGRAM
6821800 IT ARRANGED SCHNEIDER P
MEETS: JAN 13-MAY 7
Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2014. OFFERED FOR 1 CREDIT
Study Abroad Administrative Fee Applies

TOPICS IN ART HISTORY DSN S 498 3 CREDITS
2788005 A TR 12:40-2:00  EISMAN A
Note: SEC A TOPIC: ART IN DICTATORSHIP
2788010 B WF 11:00-12:20  MORGAN E
MEETS: JAN 13-MAY 9
Note: SEC B TOPIC: THE WORLD ON DISPLAY

URBAN REVITALIZATION DSN S 517 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
4101005 TR 12:40-2:00  MEETS: JAN 13-MAY 9

TOP STUDY ARCHICULTUR DSN S 528A 2-3 CREDITS  
Prereq: ARCH 221, 222 OR SR CLASSIF OR GRAD STANDING  
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
1716010 2 T 8:00-10:50  MEETS: JAN 13-MAY 9
Note: SEC 2 TOPIC: GOODNESS & BEAUTY
1716015 3 T 4:10-6:40PM  MEETS: JAN 13-MAY 9
1716025 5 T 4:10-6:00PM  MEETS: JAN 13-MAY 9
1716030 6 M 6:40-9:10PM  MEETS: JAN 13-MAY 9
1716035 8 R 8:00-10:50  MEETS: JAN 13-MAY 9
1716045 9 R 4:10-6:00PM  MEETS: JAN 13-MAY 9
Note: SEC 9 TOPIC: SUSTAINABLE URBAN NON-WESTERN
1716055 11 TR 8:00-10:50  MEETS: MARCH 10-MAY 9
Note: SEC 11 TOPIC: GOODNESS AND BEAUTY

TOPOCL STUDY CMUNICAT DSN S 528C 2-3 CREDITS  
Prereq: ARCH 221, 222 OR SR CLASSIF OR GRAD STANDING  
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2013
1688005 MW 6:30-8:00PM  MEETS: JAN 13-MAY 9

INTERNATIONAL PLANNING DSN S 529 3 CREDITS
4264005 TR 3:40-5:00  MEETS: JAN 13-MAY 9
Section info: http://www.public.iastate.edu/~fowusu/courses.html

DESIGN STUDIES (CONTINUED)

INTERDIS DIS STUDIO DSN S 546 4-6 CREDITS  
Prereq: GRADUATE OR SENIOR STANDING IN THE COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR  
Note: COURSE RESTRICTED TO DESIGN COLLEGE GRAD STUDENTS
2878005 1 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 1 TOPIC: A LANDSCAPE WITHIN/ REDEFINING PRISON ENVIRONMENTS
2878010 2 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 2 TOPIC: APOCALYPIC ARCHITECTURE: DESIGNING FOR DOOMSDAY
2878015 3 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 3 TOPIC: DESIGN BUILD
2878020 4 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 4 TOPIC: RECONSTRUCTED SPACE: FALLOW
2878025 5 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 5 TOPIC: HEALTHCARE INTERDISCIPLINARY DESIGN
2878030 6 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 6 TOPIC: HIGH RISE
2878035 7 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 7 TOPIC: INNOVATION STUDIO
2878040 8 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 8 TOPIC: RECONSTRUCTED SPACE: FALLOW
2878045 9 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 9 TOPIC: POETRY OF PLACE, EARTHWORKS, AND REVELATIONS

2878080 IT ARRANGED SCHNEIDER P
MEETS: JAN 13-MAY 7
Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2014. OFFERED FOR 6 CREDITS.
PLEASE NOTE*** SECTION IT DOES NOT HAVE A SPECIAL COURSE FEE ASSESSED. THIS FEE IS WAIVED FOR SECTION IT.
Study Abroad Administrative Fee Applies

2878080 PE ARRANGED CARDINAL-PETT C
MEETS: MARCH 14-24
Note: SEC PE TAUGHT IN LIMA, CUZCO & MACHU PICCHU; PE 14-24 STUDY ABROAD SPRING 2014
PLEASE NOTE*** SECTION PE DOES NOT HAVE A SPECIAL COURSE FEE ASSESSED. THIS FEE IS WAIVED FOR SECTION PE.
Study Abroad Administrative Fee Applies

2878050 10 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 1 TOPIC: TOYS!
2878055 11 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 2 TOPIC: TIMBER IN THE CITY: RED HOOK, BROOKLYN, NEW YORK CITY
2878060 12 MW 1:10-5:10  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 3 TOPIC: APOCALYPIC ARCHITECTURE: DESIGNING FOR DOOMSDAY
2878070 14 MW 1:10-5:20  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 4 TOPIC: TOYS!
2878075 15 MW 1:10-5:20  ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 5 TOPIC: HEALTHCARE INTERDISCIPLINARY DESIGN

PRESERVATION & REHAB DSN S 567 3 CREDITS
4713005 1 TR 9:30-10:50  MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO ARC, ARCH MAJORS ONLY
4713010 2 TR 9:30-10:50  MEETS: JAN 13-MAY 9
Note: SEC 2 FOR MAJORS OTHER THAN ARC, ARCH

CONTEMP ORB DSN THRY DSN S 575 3 CREDITS
Prereq: GRADUATE OR SENIOR CLASSIFICATION
2506005 1 TR 6:50-9:20PM  MEETS: JAN 13-MAY 9

PAXSON L
### Design Studies (Continued)

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<tr>
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<td>NUTRI/THUMAN PERFORM DIET 570</td>
<td>3 CREDITS</td>
<td>Freereg: Enrollment in GP-IDEA MPCS in Dietetics</td>
<td>4074600 XG ARRANGED</td>
<td>MEETS: JAN 13-MAY 5</td>
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### Dietetics (Continued)

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<td>ADV NU:MACRONUTRIENT DIET 558</td>
<td>3 CREDITS</td>
<td>Freereg: BMB 404 or BMB 420 or EQUIVALENT; ENROLLMENT IN GP-IDEA MPCS in Dietetics</td>
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<td>NOTE: CREDIT FOR EITHER DIET 558 OR NUTRS 501, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION</td>
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### ECOLOGY & EVOLUTIONAL BIOLOGY

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SPRING 2014

ECOLOGY & EVOLUTIONARY BIOLOGY (CONTINUED)

RESEARCH EEB 699 VAR. CREDITS

ECOLOGY, EVOLUTION & ORGANISMAL BIOL

ADVIMAL BEHAVIOR EEOB 507 3 CREDITS
Prereq: GRAD STANDING, BIOL 354, OR INSTR PERMISS
7117005

INTRO DNA TECHNIQS EEOB 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
7105005

INTRO PROTEIN TECHNQ EEOB 542B 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
7109005

INTR CELL TECHNIQS EEOB 542C 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
7119005

INTR METABLMCS TCNQ EEOB 542F 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
9013005

EQUILIBRATE GENETIC EEOB 562 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8010005

MOLEC PHYLOGENETICS EEOB 563 3 CREDITS
Prereq: BIOL 315
7054005

WETLAND ECOLOGY EEOB 564 3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
2126005

MORPHOMETRIC ANALYS EEOB 565 4 CREDITS
Prereq: STAT 401
4579005

ADVANC SYSTEMATICS EEOB 568 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
7065005

CNCP THEOR ECOEVO EEOB 577 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
4236005

ECOSYSTEM ECOLOGY EEOB 584 3 CREDITS
Prereq: COMBINED 12 CREDITS IN BIOLOGY AND CHEM
2132005

SPCL TOPICS ECOLOGY EEOB 590A 1-3 CREDITS
Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
7116005

SPLO TOEVOLUT BIOL EEOB 590B 1-3 CREDITS
Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
7116005

CREATIVE COMPONENT EEOB 599 VAR. CREDITS
2145005

SEMINAR EEOB 698 1 CREDIT

RESEARCH EEOB 699 VAR. CREDITS

ECONOMICS

PRIN MICROECONOMICS ECON 101 3 CREDITS
Note: OFFERED FOR 3 CREDITS SPRING 2013.
3100005 1 MF 9:00-9:50 ALEXANDER T
MEETS: JAN 13-MAY 9

3100010 2 MF 10:00-10:50 YE Y
MEETS: JAN 13-MAY 9

3100015 3 MF 11:00-11:50 WENINGER Q
MEETS: JAN 13-MAY 9

3100020 4 MF 1:10-2:00 DEITTER R
MEETS: JAN 13-MAY 9

3100025 5 MF 2:10-3:00 MEETS: JAN 13-MAY 9

3100030 6 MF 6:10-7:00PM MEETS: JAN 13-MAY 9

3100035 7 ARRANGED MEETS: JAN 13-MAY 9

PRIN MACROECONOMICS ECON 102 3 CREDITS
Prereq: ECON 101 RECOMMENDED
3099005 1 MF 9:00-9:50 ELOBEID A
MEETS: JAN 13-MAY 9

3099010 2 MF 10:00-10:50 ZHYLYEVSCHY O
MEETS: JAN 13-MAY 9

3099015 3 MF 1:10-2:00 CALHOUN A
MEETS: JAN 13-MAY 9

3099020 4 MF 2:10-3:00 MEETS: JAN 13-MAY 9

3099025 5 TR 12:40-2:00 CORDOBA J
MEETS: JAN 13-MAY 9

3099030 6 TR 2:10-3:30 CORDOBA J
MEETS: JAN 13-MAY 9

3099035 7 ARRANGED GUNDERSEN L
MEETS: JAN 13-MAY 9

APPL ECON OPTIMIZTN ECON 207 3 CREDITS
Prereq: MATH 211, MATH 160, MATH 165 OR EQUIVALENCE
2753005 1 TR 10:00-11:50 ROY S
WE 3:10-5:00 ROY S
MEETS: JAN 13-MAY 9

2753010 2 TR 10:00-11:50 ROY S
WE 3:10-5:00 ROY S
MEETS: JAN 13-MAY 9

2753015 3 TR 10:00-11:50 ROY S
R 3:10-5:00 ROY S
MEETS: JAN 13-MAY 9

FARM BUSINESS MGT ECON 230 3 CREDITS
Prereq: ECON 201, ACCT 284
3177005 1 MF 9:00-9:50 Aultz S
MEETS: JAN 13-MAY 9

3177010 2 MF 10:00-10:50 MEETS: JAN 13-MAY 9

INTRO AGRI MARKETS ECON 235 3 CREDITS
Prereq: ECON 101
3174005 1 TR 12:40-2:00 POUJOLI S
MEETS: JAN 13-MAY 9

3174015 2 TR 9:30-10:50 BEGIN J
MEETS: JAN 13-MAY 9

Note: SEC 2 RESTRICTED TO AG 8 MAJORS ONLY

COOPERATIVE EDUC ECON 298 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR: SOPHOMORE CLASSIFICATION
Note: Instructor permission required.
4834005 1 ARRANGED DEITTER R
MEETS: JAN 13-MAY 9
ECONOMICS (CONTINUED)

INTERMED MICROECON ECON 301 3-4 CREDITS
Prereq: ECON 101; ECON 207 OR MATH 166
Note: Course offered for 4 credits spring 2013.
Available for nonmajor graduate credit.
3101005 1 MF 11:00-11:50 GRAZEM P
W 2:10-4:00 GRAZEM P
MEETS: JAN 13-MAY 9
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

3101010 2 MF 11:00-11:50 GRAZEM P
R 2:10-4:00 GRAZEM P
MEETS: JAN 13-MAY 9
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

3101015 3 TR 9:30-10:50 BISHNU M
T 2:10-4:00 BISHNU M
MEETS: JAN 13-MAY 9
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

3101020 4 TR 9:30-10:50 BISHNU M
W 2:10-4:00 BISHNU M
MEETS: JAN 13-MAY 9
INTERMED MACROECON ECON 302 3 CREDITS
Prereq: ECON 101; ECON 207 OR MATH 166
Note: Available for nonmajor graduate credit.
3102005 1 TR 12:40-2:00 ALEXANDER T
MEETS: JAN 13-MAY 9
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

ECONOMICS OF SPORTS ECON 313 3 CREDITS
Prereq: ECON 101
4910005 1 MF 10:00-10:50 DEITER R
MEETS: JAN 13-MAY 9
ECON OF DISCRIMINAT ECON 321 3 CREDITS
Prereq: ECON 101
Note: Meets U.S. diversity reqmt.
Available for nonmajor graduate credit.
3116005 1 MF 11:00-1:00 GRAZEM P
MEETS: JAN 13-MAY 9
ENTREPRENEURSHIP AG ECON 334 3 CREDITS
Prereq: ECON 101
6836005 1 MF 11:00-11:50 KIMLE K
MEETS: JAN 13-MAY 9
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

6836010 2 MF 12:10-1:00 KIMLE K
MEETS: JAN 13-MAY 9
AGRICULTURAL MARKETING ECON 337 3 CREDITS
Prereq: ECON 101; ECON 235 IS RECOMMENDED.
Available for nonmajor graduate credit.
2316005 1 TR 9:30-10:50 HART C
T 2:10-4:00 HART C
MEETS: JAN 13-MAY 9
PUBLIC FINANCE ECON 344 3 CREDITS
Prereq: ECON 101
Note: Available for nonmajor graduate credit.
3111005 1 TR 6:10-9:00PM HOFFMAN E
MEETS: JAN 13-MAY 9
MONEY, BANK, FIN INST ECON 353 3 CREDITS
Prereq: ECON 101, ECON 102
3103005 1 TR 11:00-12:20 ROY S
MEETS: JAN 13-MAY 9
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

INT'L TRADE & FINANCE ECON 355 3 CREDITS
Prereq: ECON 101, ECON 102
Note: Course restricted to Univ. honors students.
Available for nonmajor graduate credit.
8925005 1 MF 2:10-3:00 CHOI E
MEETS: JAN 13-MAY 9
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

INTRO ECONOMETRICS ECON 371 4 CREDITS
Prereq: ECON 301, ECON 302 OR ECON 353, STAT 326
Note: Available for nonmajor graduate credit.
2790005 1 MF 2:10-3:00 GALLAGHER P
W 2:10-4:00 GALLAGHER P
MEETS: JAN 13-MAY 9
RETIRED PLAN & BENEFITS ECON 378 3 CREDITS
Prereq: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS
Note: Meets U.S. diversity reqmt.
5750005 1 MF 12:10-1:10 P
MEETS: JAN 13-MAY 9

ECONOMICS (CONTINUED)

ENVIR & RESOURC ECON ECON 380 3 CREDITS
Prereq: ECON 101
3180005 1 TR 9:00-12:20 HENNESSY H
MEETS: JAN 13-MAY 9
ECONOMIC DEVELOPMENT ECON 385 3 CREDITS
Prereq: ECON 101, ECON 102
Note: Meets international perspectives reqmt.
Available for nonmajor graduate credit.
3114005 1 TR 12:40-2:00 LUVAGA E
MEETS: JAN 13-MAY 9
ECONOMICS INDIA & CHINA ECON 387 3 CREDITS
Prereq: ECON 101
Note: Meets international perspectives reqmt.
Available for nonmajor graduate credit.
3123005 1 TR 2:10-3:30 BHATTACHARYA J
MEETS: JAN 13-MAY 9
COOPERATIVE EDUC ECON 390 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4835005 1 ARRANGED DEITER R
MEETS: JAN 13-MAY 9
INTRO GAME THEORY ECON 418 3 CREDITS
Prereq: ECON 101
Note: Available for nonmajor graduate credit.
9091005 1 TR 2:10-4:00 ROY S
MEETS: JAN 13-MAY 9
INTERNATIONAL FINANCE ECON 457 3 CREDITS
Prereq: ECON 302
Note: Meets international perspectives reqmt.
Available for nonmajor graduate credit.
5250005 1 TR 12:40-2:00 SINGH R
MEETS: JAN 13-MAY 9
INTERM ENVIR & RESOU ECON 480 3 CREDITS
Prereq: ECON 301 OR ECON 501
Note: Available for nonmajor graduate credit.
3187005 1 TR 11:00-12:15 MIKANOWSKI J
MEETS: JAN 13-MAY 9
INDEPENDENT STUDY ECON 490 1-5 CREDITS
Prereq: JUNIOR CLASSIFICATION, 14 CREDITS IN ECON
Note: Meets international perspectives reqmt.
Available for nonmajor graduate credit.
5205005 1 TR 12:40-2:00 HOFFMAN E
MEETS: JAN 13-MAY 9
Satisfactory-Fail Only.
INDEPENDENT STUDY HONORS ECON 490H 1-5 CREDITS
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
Satisfactory-Fail Only.

**** SEE DEPT FOR REFERENCE NUMBERS
IND STY ENTREPRENR ECON 490E 1-5 CREDITS
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
Satisfactory-Fail Only.

**** SEE DEPT FOR REFERENCE NUMBERS
INDEPENDENT STUDIES ECON 490H 1-5 CREDITS
Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON 490 TOWARD GRADUATION.
AG COLLEGE MAJORS MAY APPLY NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.
Satisfactory-Fail Only.

**** SEE DEPT FOR REFERENCE NUMBERS
GRADUATING SR SURVEY ECON 492 R CREDIT
Prereq: GRADUATING SENIOR
Satisfactory-Fail Only.
6208005 1 R 4:10-5:10 DEITER R
MEETS: JAN 13-MAY 9
Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

ECON TRAVEL COURSE ECON 496 1-3 CREDITS
Prereq: SOPHOMORE STATUS, PERMISSION OF INSTRUCTR
Note: Meets international perspectives reqmt.
5225000 AU ARRANGED LUVAGA E
MEETS: MARCH 14-23
Note: SEC AU TAUGHT IN AUSTRALIA. TOPIC: AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN AUSTRALIA.
Study abroad Administrative Fee Applies

COOPERATIVE EDUC ECON 498 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
Note: Permission of adviser required.
4836005 1 ARRANGED DEITER R
MEETS: JAN 13-MAY 9
SPRING 2014

ECONOMICS (CONTINUED)

**EXPERMTL ECONOMICS** ECON 510 3 CREDITS
Prereq: ECON 501 OR ECON 601
Note: Available for major or graduate credit.
4909005 M 6:10-9:00PM HOFFMAN E
MEETS: JAN 13- MAY 9

**COMMODITY MARKETS** ECON 537 3 CREDITS
Prereq: ECON 501 OR ECON 532 OR ECON 601, ECON 571 OR STAT 326
7233005 1 TR 9:30-10:50 HENNESSY D
MEETS: JAN 13- MAY 9

**INTERMED ECONOMETRIC** ECON 571 3 CREDITS
Prereq: ECON 500
9077005 1 MW 11:10-2:00 HUFFMAN W
MEETS: JAN 13- MAY 9
Section info: http://www.econ.iastate.edu/programs /course/defaultcourseinfo.asp

**SPATIAL ECONOMICS** ECON 576 3 CREDITS
Prereq: ECON 501 OR ECON 601
4900005 1 MW 11:00-11:50 FRANKEL D
MEETS: JAN 13- MAY 9

**MICROECON ANALYSIS II** ECON 603 4 CREDITS
Prereq: ECON 301, ECON 302, PREVIOUS OR CONCURRENT ENROLLMENT IN 600 AND PERMISSION OF DIRECTOR OF GRADUATE EDUCATION.
Note: Department permission required.
3126005 1 TR 9:30-11:20 BHATTACHARYA J
F 3:10-5:00 BHATTACHARYA J
MEETS: JAN 13- MAY 9
Section info: http://www.econ.iastate.edu/programs /course/defaultcourseinfo.asp

**GAME THEORY** ECON 618 3 CREDITS
Prereq: ECON 603, OR ECON 501 AND PERMISSION OF INSTRUCTOR.
9532005 1 MW 9:00-9:50 ROY S
MEETS: JAN 13- MAY 9

**AGRICULTURAL ECONOMICS** ECON 642 3 CREDITS
Prereq: ECON 603
2944005 1 TR 12:40-2:00 BABCOCK B
MEETS: JAN 13- MAY 9

**INTERNATIONAL FINANCE** ECON 657 3 CREDITS
Prereq: ECON 601
3141005 1 MW 2:10-3:30 SINGH R
MEETS: JAN 13- MAY 9

**ECOMETRICS II** ECON 672 4 CREDITS
Prereq: ECON 671
3146005 1 MW 11:00-12:15 ZHYLYEVSKYY O
F 11:00-12:15 ZHYLYEVSKYY O
MEETS: JAN 13- MAY 9

**MICROECOMETRICS** ECON 673 3 CREDITS
Prereq: ECON 672, ECON 601
7404005 1 TR 8:00-9:15 HERRIGES J
MEETS: JAN 13- MAY 9

**ADV RESOURCE ECON** ECON 680 3 CREDITS
Prereq: ECON 603
3204005 1 TR 10-11:30 WENINGER Q
MEETS: JAN 13- MAY 9

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

**THIRD-YEAR PAPER** ECON 691 3 CREDITS
Satisfactory-Fail Only.
5334005 1 ARRANGED SCHROETER J
MEETS: JAN 13- MAY 9

WORKSHOP ECON 693 1- 3 CREDITS
Prereq: 6 GRADUATE CREDITS IN CHosen FIELD
8649005 1 ARRANGED SCHROETER J
MEETS: JAN 13- MAY 9

**EDUCATIONAL ADMINISTRATION**

**SPECIAL TOPICS** EADM 590 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

**CREATV COMPON DEVEL** EADM 599 1- 3 CREDITS
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
****** SEE DEPT FOR REFERENCE NUMBERS

**ADV SPECIAL TOPICS** EADM 690 1- 3 CREDITS
Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
****** SEE DEPT FOR REFERENCE NUMBERS

**DISSERTATN RESEARCH** EADM 699 VAR. CREDITS
Prereq: 9 CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

**EDUCATIONAL LEADERSHIP & POLICY ST**

**SPECIAL TOPICS** EADM 590 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
****** SEE DEPT FOR REFERENCE NUMBERS

**EDUCATIONAL LEADERSHIP & POLICY ST**

**ELECTRICAL ENGINEERING**

**PROG ORIENTATN** EE 166 R CREDIT
Note: COURSE RESTRICTED TO EE AND CPR EE MAJORS ONLY.
DISCUSSIONS WILL MEET EVERY OTHER WEEK.
2887005 A T 1:10-2:00 MEETS: JAN 13- MAY 9
2887010 B T 1:10-2:00 MEETS: JAN 13- MAY 9
2887015 C T 3:10-4:00 MEETS: JAN 13- MAY 9
2887020 D T 3:10-4:00 MEETS: JAN 13- MAY 9

**CRITICL RACE THEORY** EL PS 624 1- 3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
2658005 T 2:10-5:00 MEETS: JAN 13- MAY 9

**EDUCATIONAL LEADERSHIP & POLICY ST**

**ELECTRICAL ENGINEERING**

**PROG ORIENTATN** EE 166 R CREDIT
Note: COURSE RESTRICTED TO EE AND CPR EE MAJORS ONLY.
DISCUSSIONS WILL MEET EVERY OTHER WEEK.
2887005 A T 1:10-2:00 MEETS: JAN 13- MAY 9
2887010 B T 1:10-2:00 MEETS: JAN 13- MAY 9
2887015 C T 3:10-4:00 MEETS: JAN 13- MAY 9
2887020 D T 3:10-4:00 MEETS: JAN 13- MAY 9

**INTR EE&PROB SOLV I** EE 185 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 142
Note: CREDIT IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CPR EE 185, EE 185, E E 185, M E 160, ENGR 160, AER E 160, C E 160, I E 148
3880005 A MW 9:00-9:50 MEETS: JAN 13- MAY 9
W 4:10-6:00PM MEETS: JAN 13- MAY 9
3880010 B MW 9:00-9:50 R 8:00-9:50 MEETS: JAN 13- MAY 9
3880015 C T 1:10-2:00 MEETS: JAN 13- MAY 9

**INTR EE&PROB SOLV II** EE 186 1 CREDIT
Prereq: E E 185, PERMISSION OF THE INSTRUCTOR
6239005 A R 8:00-11:00 MEETS: JAN 13- MAY 9
6239010 B R 12:10-2:00 MEETS: JAN 13- MAY 9
6239015 C R 1:10-3:00 MEETS: JAN 13- MAY 9
ELECTRICAL ENGINEERING 

ELECTRIC CIRCUITS E E 201 4 CREDITS
Prereq: CR OR REGISTRATN IN MATH 267 AND PHYS 222
Note: CREDIT FOR EITHER E E 422, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
2120005 A MWF 10:00-11:50
T 2:10-5:00
F 10:00-11:50
MEETS: JAN 13-MAY 9
Note: Materials fee $60.00
2120010 B MWF 10:00-11:50
R 8:00-10:50
MEETS: JAN 13-MAY 9
Note: Materials fee $60.00
2120015 C MWF 10:00-11:50
W 2:10-5:00
MEETS: JAN 13-MAY 9
Note: Materials fee $60.00
2120020 D MWF 2:10-4:00
W 11:00-1:50
MEETS: JAN 13-MAY 9
Note: Materials fee $60.00
2120025 E MWF 2:10-4:00
R 5:10-6:00PM
MEETS: JAN 13-MAY 9
Note: Materials fee $60.00
2120030 F MWF 2:10-4:00
F 9:00-11:50
MEETS: JAN 13-MAY 9
Note: Materials fee $60.00

SIGNALS & SYSTEMS I E E 224 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 222
5064005 A TR 4:10-5:00
T 1:10-4:00
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00
5064010 B TR 4:10-5:00
W 12:10-3:00
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00
5064015 C TR 4:10-5:30
F 9:00-11:50
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00
5064020 D TR 4:10-5:30
W 9:00-11:50
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00
5064025 E TR 4:10-5:30
F 12:00-3:00
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00

ELECTRON CIRCT & SYS E E 230 4 CREDITS
Prereq: E E 201, MATH 267, PHYS 222
4639005 A MWF 4:10-6:00
T 8:00-10:50
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00
4639010 B MWF 4:10-6:00
T 11:00-1:50
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00
4639015 C MWF 4:10-6:00
T 5:10-8:00PM
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00
4639020 D MWF 4:10-6:00
W 8:00-10:50
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00
4639025 E MWF 4:10-6:00
W 5:10-8:00PM
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00
4639030 F MWF 4:10-6:00
R 11:00-1:50
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00
4639035 G MWF 4:10-6:00
F 12:10-3:00
MEETS: JAN 13-MAY 9
Note: Materials fee $50.00

TRANSFER ORIENTATIO E E 261 R CREDIT
Satisfactory-Fail Only.
9197005 T 11:00-13:50
MEETS: JAN 13-MAY 9

PROB SOLV MTD & TOOL E E 285 4 CREDITS
2505005 A MWF 12:10-1:00
T 8:00-9:50
MEETS: JAN 13-MAY 9
2505010 B MWF 12:10-1:00
T 4:10-6:00PM
MEETS: JAN 13-MAY 9
2505015 C MWF 12:10-1:00
W 8:00-9:50
MEETS: JAN 13-MAY 9
2505020 D MWF 12:10-1:00
W 10:00-11:50
MEETS: JAN 13-MAY 9
2505025 E MWF 12:10-1:00
C 3:10-4:00
MEETS: JAN 13-MAY 9

SEMICON MTRLS & DEVICES E E 332 3 CREDITS
Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E MAJORS: MAT E 334; ADDITIONAL PREREQ FOR E E AND CPR E MAJORS: E E 230
Note: Available for nonmajor graduate credit
2195005 TR 12:40-2:00
MEETS: JAN 13-MAY 9

CAREER SERVICES

ELECTRICAL ENGINEERING (CONTINUED)

PROGRAM DISCOVERY E E 294 R CREDIT
Prereq: E E 166 OR CPR E 166
Satisfactory-Fail Only.
5380005 ARRANGED
MEETS: JAN 13-MAY 9

COOPERATIVE EDUC E E 298 R CREDIT

ENERGY SYS & PW ELTRN E E 303 3 CREDITS
Prereq: MATH 267, PHYS 222; CREDIT OR REGISTRATION IN E E 224 AND E E 230
Note: Available for nonmajor graduate credit
3415005 TR 8:00-9:20
MEETS: JAN 13-MAY 9

ELECTROMG FLDWAVES E E 311 4 CREDITS
Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR REGISTRATION IN MATH 267
Note: Available for nonmajor graduate credit
2889005 MWF 10:00-12:50
MEETS: JAN 13-MAY 9

ELECT MAG NON-EL ENG E E 314 3 CREDITS
Prereq: PHYS 222, E E 112, OR EQUIVALENT
Note: Available for nonmajor graduate credit
8652005 MN 3:10-4:30
MEETS: JAN 13-MAY 9

PROB MTH, ELEC ENG E E 322 3 CREDITS
Prereq: E E 224
3424005 MWF 12:10-1:00
MEETS: JAN 13-MAY 9

INT DIGT SIGNL PROC E E 323 4 CREDITS
Prereq: E E 224
7977005 A TR 8:00-9:20
W 3:10-6:00PM
MEETS: JAN 13-MAY 9
7977010 B TR 8:00-9:20
W 6:10-9:00PM
MEETS: JAN 13-MAY 9

INTGRATED ELECTRONS E E 330 4 CREDITS
Prereq: E E 201, CREDIT OR REGISTRATION IN E E 230, CPR E 230
Note: CREDIT FOR EITHER CPR E/E E 330 OR E E 331, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
Available for nonmajor graduate credit
5635005 A MWF 9:00-11:50
T 8:00-10:50
MEETS: JAN 13-MAY 9
5635010 B MWF 9:00-11:50
R 8:00-10:50
MEETS: JAN 13-MAY 9
5635015 C MWF 9:00-11:50
R 3:10-6:00PM
MEETS: JAN 13-MAY 9
5635020 D MWF 9:00-11:50
W 6:10-9:00PM
MEETS: JAN 13-MAY 9
5635025 E MWF 9:00-11:50
F 1:10-4:00
MEETS: JAN 13-MAY 9
5635030 F MWF 9:00-11:50
F 10:00-12:50
MEETS: JAN 13-MAY 9
5635035 G MWF 9:00-11:50
M 3:10-6:00PM
MEETS: JAN 13-MAY 9
ELECTRICAL ENGINEERING (CONTINUED)

PROGRAM EXPLORATION E E 394 R CREDIT
Prereq: E E 294 OR CPR E 294
Note: COURSE RESTRICT TO JUNIORS AND SENIORS
Satisfactory-Fail Only.
5403005 ARRANGED
MEETS: JAN 13-MAY 9

ENGR INTERNSHIP E E 397 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS

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

ELMAG RAD, ANT, PRPG E E 417 4 CREDITS
Prereq: E E 311
Note: Available for nonmajor graduate credit
2900005 A MWF 11:00-11:50
W 8:00-10:50
MEETS: JAN 13-MAY 9
2900010 B MWF 11:00-11:50
R 11:00-12:30PM
MEETS: JAN 13-MAY 9

COMMUNIC SYSTMS II E E 422 3 CREDITS
Prereq: E E 421 AND ENROLLMENT IN E E 423
Note: Available for nonmajor graduate credit
2902005 TR 12:40-2:00
MEETS: JAN 13-MAY 9

COMMUNIC SYSTMS LAB E E 423 1 CREDIT
Prereq: E E 421, ENROLLMENT IN E E 422
Note: Available for nonmajor graduate credit
2903005 A T 6:10-9:00PM
MEETS: JAN 13-MAY 9
Note: Materials fee $95.00
2903010 B F 3:10-6:00PM
MEETS: JAN 13-MAY 9
Note: Materials fee $95.00

MICROELEC FABRICATION E E 432 4 CREDITS
Prereq: PHYS 222, MATH 267, E E 332 OR MATH 334 RECOMMENDED.
Note: Available for nonmajor graduate credit
9222005 MW 12:10-1:00
MEETS: JAN 13-MAY 9

ANLOG VLSI CIRC DSN E E 435 4 CREDITS
Prereq: E E 324, E E 330, E E 332, AND E E 322 OR MATH 330
Note: Available for nonmajor graduate credit
2906005 A MW 10:00-10:50
W 10:00-11:50
MEETS: JAN 13-MAY 9
2906010 B MW 10:00-10:50
W 6:10-9:00PM
MEETS: JAN 13-MAY 9
2906015 C MW 10:00-10:50
R 11:00-2:00
MEETS: JAN 13-MAY 9

OPTOELECTN DEVCAPP E E 438 3 CREDITS
Prereq: E E 311, E E 332
Note: Available for nonmajor graduate credit
7182005 MW 11:00-11:50
MEETS: JAN 13-MAY 9

INTR CIRCUIT&INSTRM E E 442 2 CREDITS
Prereq: PHYS 222, MATH 267
Note: COURSE RESTRICTED TO ENGR & PHYS MAJORS OTHER THAN E E AND CPR E. CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E.
For nonmajor graduate credit
4723005 A MW 4:10-5:00
R 8:00-9:50
MEETS: JAN 13-MARCH 7
4723010 B MW 4:10-5:00
W 2:10-4:00
MEETS: JAN 13-MARCH 7
4723015 C MW 4:10-5:00
W 8:00-9:50
MEETS: JAN 13-MARCH 7
4723020 D MW 4:10-5:00
R 10:00-11:50
MEETS: JAN 13-MARCH 7
4723025 E MW 4:10-5:00
R 12:10-2:00
MEETS: JAN 13-MARCH 7
4723030 F MW 4:10-5:00
R 6:10-8:00PM
MEETS: JAN 13-MARCH 7
4723035 G MW 4:10-5:00
F 10:00-11:50
MEETS: JAN 13-MARCH 7
4723040 H MW 4:10-5:00
R 8:00-11:50
MEETS: JAN 13-MARCH 7
4723045 J MW 4:10-5:00
F 10:00-11:50
MEETS: JAN 13-MARCH 7

ELECTRICAL ENGINEERING (CONTINUED)

INTR CIRCUIT&INSTRM E E 442 2 CREDITS
Prereq: E E 303, E E 330, E E 441, E E 442
MEETS: JAN 13-MARCH 7
4723055 M MW 4:10-5:00
T 6:10-8:00PM
MEETS: JAN 13-MARCH 7
4723060 XE ARRANGED
MEETS: JAN 13-MARCH 7
Note: Section XE is off campus

INTRO AC CIRCMOTOR E E 448 2 CREDITS
Prereq: E E 303 OR E E 441 OR E E 442
Note: CREDIT FOR E E 448 MAY NOT BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E. COURSE RESTRICTED TO MAJORS OTHER THAN E E, CPR E, E CPE.
2975005 A MMF 4:10-5:00
T 8:00-9:50
MEETS: MARCH 10-MAY 9
2975010 B MW 4:10-5:00
W 2:10-4:00
MEETS: MARCH 10-MAY 9
2975015 C MW 4:10-5:00
W 8:00-9:50
MEETS: MARCH 10-MAY 9
2975020 D MW 4:10-5:00
R 10:00-11:50
MEETS: MARCH 10-MAY 9
2975025 E MW 4:10-5:00
R 12:10-2:00
MEETS: MARCH 10-MAY 9
2975030 F MW 4:10-5:00
R 6:10-8:00PM
MEETS: MARCH 10-MAY 9
2975035 G MW 4:10-5:00
F 10:00-11:50
MEETS: MARCH 10-MAY 9
2975040 H MW 4:10-5:00
F 2:10-4:00
MEETS: MARCH 10-MAY 9
2975045 K MW 4:10-5:00
R 8:00-9:50
MEETS: MARCH 10-MAY 9
2975050 L MW 4:10-5:00
T 10:00-11:50
MEETS: MARCH 10-MAY 9
2975055 M MW 4:10-5:00
W 10:00-11:50
MEETS: MARCH 10-MAY 9
2975060 N MW 4:10-5:00
T 6:10-8:00PM
MEETS: MARCH 10-MAY 9

ENGINEERG ACOUSTICS E E 451 3 CREDITS
Prereq: PHYS 221 AND MATH 266 OR MATH 267
Note: Available for nonmajor graduate credit
8380005 1 TR 4:10-5:00
MEETS: JAN 13-MAY 9

ELECTRI MACHINDRIV E E 452 3 CREDITS
Prereq: E E 323; E E 333 OR E E 332; CR OR REGISTRATION IN E E 333
Note: Available for nonmajor graduate credit
2893005 A TR 11:00-11:50
T 4:10-7:00PM
MEETS: JAN 13-MAY 9
2893010 B TR 12:10-1:00
W 12:10-3:00
MEETS: JAN 13-MAY 9
2893015 C TR 11:00-11:50
W 3:10-6:00PM
MEETS: JAN 13-MAY 9

POWER SYST ANALY II E E 457 3 CREDITS
Prereq: E E 303, CREDIT OR REGISTRATION IN E E 324
Note: Available for nonmajor graduate credit
2913005 TR 9:30-10:50
MEETS: JAN 13-MAY 9

WIND ENERGY CONVRSN E E 459 3 CREDITS
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
Note: Available for nonmajor graduate credit
2173005 A MW 11:00-11:50
MEETS: JAN 13-MAY 9

MULTIDISC ENGR DSGN E E 466 3 CREDITS
Prereq: COURSE RESTRICTED TO JUNIORS AND SENIORS
Note: Available for nonmajor graduate credit
1900005 A MMF 4:10-5:00, ARRANGED
MEETS: JAN 15-MAY 9

CONTROL SYM SIMUL E E 476 3 CREDITS
Prereq: E E 475
Note: Available for nonmajor graduate credit
2915005 MMF 4:10-5:00, ARRANGED
MEETS: JAN 13-MAY 9

Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
Satisfactory-Fail Only.
5403005 ARRANGED
MEETS: JAN 13-MAY 9

Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT

Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
ELECTRICAL ENGINEERING                    (CONTINUED)

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

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

SR DESIGN PROJ I     E E 491    3 CREDITS
Prereq: CPE E 394, CREDIT OR ENROLLMENT IN CPE E E 491
Note: COURSE RESTRICTED TO CPE E AND E E MAJORS JUNIOR AND ABOVE
7347005 A W 1:10-2:00
MEETS: JAN 13-MAY 9
Note: Materials fee $55.00

SR DESIGN PROJ II     E E 492    2 CREDITS
Prereq: E E 491
Note: COURSE RESTRICTED TO CPE E AND E E MAJORS JUNIOR AND ABOVE
9515005 D 2:10-3:00, ARRANGED
MEETS: JAN 13-MAY 9
Note: Materials fee $55.00

PORTFOLIO ASSESSMENT     E E 494    R CREDIT
Prereq: E E 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
***** SEE DEPT FOR REFERENCE NUMBERS

DSN CMOS PHS-L LOOP     E E 506    4 CREDITS
Prereq: E E 415 OR E E 501 OR INSTRUCTOR APPROVAL
9160005 A TR 11:00-12:20
MEETS: JAN 13-MAY 9
916010 B TR 11:00-12:20
MEETS: JAN 13-MAY 9

MICROWAVE REMOTE SENS     E E 518    3 CREDITS
Prereq: MATH 265 OR EQUIVALENT
3671005 TR 11:00-12:30
MEETS: JAN 13-MAY 9

TOPICS IN COMMUNICATIONS     E E 520    3 CREDITS
7695005 TR 9:30-10:50
MEETS: JAN 13-MAY 9

RANMD PROC COMMUNICATIONS     E E 523    3 CREDITS
Prereq: E E 322, MATH 317
7358005 T 4:10-6:30PM
MEETS: JAN 13-MAY 9

DETECT/ESTIM THEORY     E E 527    3 CREDITS
Prereq: E E 422
2940005 D TR 10:30-1:30
MEETS: JAN 13-MAY 9

TOPICS IN ELECTROMAGN. PHOT.     E E 530    3 CREDITS
Prereq: E E 332
9526005 I TR 5:40-7:00PM
MEETS: JAN 13-MAY 9

MICROFABRIC TECHNOLOGY     E E 532    4 CREDITS
Prereq: PHYS 222, MATH 265, E E 332 OR MATH 331
RECOMMENDED
8880005 MW 12:10-1:00
ARRANGED
MEETS: JAN 13-MAY 9

PHYSICAL SEMICONDUCTORS     E E 536    3 CREDITS
Prereq: E E 535
2942005 MW 5:40-7:00PM
MEETS: JAN 13-MAY 9

ELECTRICAL ENGINEERING                    (CONTINUED)

OPTOELECTRONIC DEVICES & APPS     E E 538    3 CREDITS
Prereq: E E 311 OR E E 332
3517005 MF 11:00-11:50
MEETS: JAN 13-MAY 9

ELTRN PROP. MATELS     E E 539    3 CREDITS
Prereq: E E 332 OR MATH 331 OR PHYS 322
6236008 TR 9:30-10:50
MEETS: JAN 13-MAY 9

STEADY STATE ANALYSIS     E E 553    3 CREDITS
Prereq: E E 456, E E 457
8879005 MF 2:10-3:00
MEETS: JAN 13-MAY 9

WIND ENERGY CONVERSIONS     E E 559    3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN E E 452, E E 456
2204005 A MF 11:00-11:50
MEETS: JAN 13-MAY 9

OPTIMAL CONTROL     E E 574    3 CREDITS
Prereq: E E 577
2952005 TR 9:00-9:50
MEETS: JAN 13-MAY 9

INTRODUCTION TO ROBOTICS     E E 575    3 CREDITS
Prereq: E E 577
2214005 A TR 8:00-9:00
MEETS: JAN 13-MAY 9

DIGITAL FEEDBACK CONTROL     E E 576    3 CREDITS
Prereq: E E 475 OR AER E 432 OR MATH 411 OR MATH 414 OR MATH 415 AND MATH 267
2953005 TR 2:10-3:30
MEETS: JAN 13-MAY 9

NONLINEAR SYSTEMS     E E 578    3 CREDITS
Prereq: E E 577
2955005 TR 9:30-10:50
MEETS: JAN 13-MAY 9

SPL TOP ELECTROMAGNETICS     E E 590A    1-6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

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

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

SPL TOP COMPUTER ENGG     E E 590D    1-6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP ELECTRIC MACHINES     E E 590G    1-6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRONIC CIRCUITS     E E 590H    1-6 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

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

SEMINAR ELECTRONICS     E E 591    1-3 CREDITS
Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013
1920005 A ARRANGED
MEETS: JAN 13-MAY 9

SEM ELECTRIC POWER     E E 594    1-3 CREDITS
Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013
2964005 T 1:10-2:00
MEETS: JAN 13-MAY 9
2964010 B R 1:10-2:00
MEETS: JAN 13-MAY 9

SEM CONTROL SYSTEMS     E E 596    1-3 CREDITS
Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013
2973005 M 4:10-5:00
MEETS: JAN 13-MAY 9

SEM COMMUNICATIONS     E E 597    1 CREDIT
Note: COURSE RESTRICTED TO E E MAJORS ONLY.
Satisfactory-Fail Only.
7542005 A ARRANGED
MEETS: JAN 13-MAY 9

INFORMATION THEORY     E E 622    3 CREDITS
Prereq: E E 521, E E 535
2776005 MW 4:10-5:30
MEETS: JAN 13-MAY 9
ELECTRICAL ENGINEERING (CONTINUED)

ENGIEERING INTERNSHIP  E  697  R CREDIT
Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF STUDENT SERVICES.
Satisfactory-Fail Only.
5716005  ARRANGED
MEETS: JAN 13-MAY 9
Note: Department permission required.
RESEARCH  E  699  VAR. CREDITS
*******  SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING

ENGINEERING ORIENTATION ENGR 101  R CREDIT
Satisfactory-Fail Only.
3788005  A T 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SEC A FOR MAJORS OTHER THAN AER E, C E, C E, E E, E E, E E, S E
3788010  B R 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SEC B RESTRICTED TO CFR E, E E AND S E MAJORS ONLY.
3788015  C T 3:40-5:00
MEETS: JAN 13-MAY 9
Note: SEC C RESTRICTED TO AER E MAJORS ONLY
3788020  D 8:00-8:50
MEETS: JAN 13-MAY 9
Note: SEC D RESTRICTED TO M E MAJORS ONLY.
3788025  E T 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SEC E RESTRICTED TO C E MAJORS ONLY.
LEAD PROGRM SEMINAR ENGR 105  1 CREDIT
Satisfactory-Fail Only.
6866005  F 1:10-3:00
MEETS: JAN 13-MAY 9
Note: THIS COURSE IS RESTRICTED TO STUDENTS IN LEAD LEARNING COMMUNITY.
LEARNING COMM SEMNAR ENGR 131  R CREDIT
Note: COURSE RESTRICTED TO ENGR MAJORS ONLY
Satisfactory-Fail Only.
7845005  A T 10:00-10:50
MEETS: JAN 13-MAY 9
7845010  B R 10:00-10:50
MEETS: JAN 13-MAY 9
ENGR PRB & CPR LAB ENGR 160  3 CREDITS
Prereq: MATH 142 OR SATISFACTORY SCORES ON MATHEMATICS PLACEMENT EXAMINATIONS; CREDIT OR ENROLLMENT IN MATH 165
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.
2946005  A MW 9:00-9:50
MEETS: JAN 13-MAY 9
2946010  B MW 10:00-11:50
MEETS: JAN 13-MAY 9
2946015  C MW 12:10-2:00
MEETS: JAN 13-MAY 9
2946020  D MW 2:10-4:00
MEETS: JAN 13-MAY 9
2946025  E TR 8:00-9:50
MEETS: JAN 13-MAY 9
2946030  F TR 9:00-11:50
MEETS: JAN 13-MAY 9
2946035  G TR 12:10-2:00
MEETS: JAN 13-MAY 9
2946040  J TR 2:10-4:00
MEETS: JAN 13-MAY 9
2946045  K MW 10:00-11:50
MEETS: JAN 13-MAY 9
2946050  L TR 10:00-11:50
MEETS: JAN 13-MAY 9
SURV IMPCT OF ENGRG ENGR 265  3 CREDITS
2212005  ARRANGED
MEETS: JAN 13-MAY 9
SURV HOW THINGS WKR ENGR 270  3 CREDITS
7455005  TR 4:10-5:30
MEETS: JAN 13-MAY 9
INT'L EXPERNC REPORT ENGR 120  3 CREDITS
Prereq: SATISFACTORY COMPLETION OF INTERNATIONAL WORK EXPERIENCE OF AT LEAST 10 WEEKS OR 9 CREDITS OF APPROVED COURSE WORK TAKEN ABROAD
Note: Meets international perspectives reqmt
Satisfactory-Fail Only.
7283005  ARRANGED
MEETS: JAN 13-MAY 9
INTRO NONDESTR EVAL  E M  350  3 CREDITS  
Prereq: E M 324, MATH 266 or MATH 267, PHYS 222  
Note: RESTRICTED TO ENGR COLLEGE MAJORS SOFHMORE AND ABOVE.  
Available for nonmajor graduate credit  
1355005  1 TR 4:10-5:30  
MEETS: JAN 13-MAY 9  
PRIN NONDESTR TEST  E M  362  3 CREDITS  
Prereq: PHYS 112 or PHYS 222  
Note: RESTRICTED TO ENGR COLLEGE MAJORS SOFHMORE AND ABOVE.  
Available for nonmajor graduate credit  
3011005  5 MWF 10:00-10:50  
MEETS: JAN 13-MAY 9  
NONDESTRUC TEST LAB  E M  362L  1 CREDIT  
Prereq: E M 324, MATH 266 or MATH 267  
Note: RESTRICTED TO ENGR COLLEGE MAJORS SOFHMORE AND ABOVE.  
Available for nonmajor graduate credit  
3012005  A M 3:10-6:00PM  
MEETS: JAN 13-MAY 9  
3012010  B T 3:10-6:00PM  
MEETS: JAN 13-MAY 9  
MECHANICS OF FLUIDS  E M  378  3 CREDITS  
Prereq: E M 274  
Note: LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB IS HELD. COURSE RESTRICTED TO ENGR COLLEGE MAJORS SOFHMORE AND ABOVE.  
Available for nonmajor graduate credit  
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.  
3013005  1 MWF 10:00-10:50  
T 8:00-9:50  
MEETS: JAN 13-MAY 9  
3013010  2 MWF 10:00-10:50  
T 10:00-11:50  
MEETS: JAN 13-MAY 9  
3013015  3 MWF 10:00-10:50  
T 11:00-12:50  
MEETS: JAN 13-MAY 9  
3013020  4 MWF 10:00-10:50  
T 12:00-1:50  
MEETS: JAN 13-MAY 9  
3013025  5 MWF 9:00-9:50  
W 1:00-2:50  
MEETS: JAN 13-MAY 9  
3013030  6 MWF 9:00-9:50  
W 2:00-3:50  
MEETS: JAN 13-MAY 9  
3013035  7 MWF 9:00-9:50  
R 8:00-9:50  
MEETS: JAN 13-MAY 9  
3013040  8 MWF 9:00-9:50  
R 10:00-11:50  
MEETS: JAN 13-MAY 9  
3013045  9 MWF 9:00-9:50  
R 11:00-12:50  
MEETS: JAN 13-MAY 9  
3013050  10 MWF 10:00-10:50  
R 12:00-1:50  
MEETS: JAN 13-MAY 9  
INTMED MECH MATERLS  E M  424  3 CREDITS  
Prereq: E M 324  
Note: RESTRICTED TO ENGR COLLEGE MAJORS SOFHMORE AND ABOVE.  
Available for nonmajor graduate credit  
3018005  1 MWF 11:00-11:50  
MEETS: JAN 13-MAY 9  
INTR FIN ELEM METH  E M  425  3 CREDITS  
Prereq: E M 324, MATH 266 or MATH 267  
Note: RESTRICTED TO ENGR COLLEGE MAJORS SOFHMORE AND ABOVE.  
Available for nonmajor graduate credit  
3019005  5 MWF 3:10-4:00  
MEETS: JAN 13-MAY 9  
ENGINEER ACOUSTICS  E M  451  3 CREDITS  
Prereq: PHYS 221 and MATH 266 or MATH 267  
Note: RESTRICTED TO ENGR COLLEGE MAJORS SOFHMORE AND ABOVE. LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB IS HELD.  
Available for nonmajor graduate credit  
3021005  1 TR 4:10-5:30  
MEETS: JAN 13-MAY 9  
INDEPENDENT STUDY  E M  490  VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
******* SEE DEPT FOR REFERENCE NUMBERS  
ENGINEERING MECHANICS (CONTINUED)  
INDEP STUDY HONORS  E M  490H  VAR. CREDITS  
Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP  
Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.  
******* SEE DEPT FOR REFERENCE NUMBERS  
APP ELAST&DEF SOLDS  E M  516  3 CREDITS  
3029005  MWF 11:00-11:50  
MEETS: JAN 13-MAY 9  
FINITE ELEMENT ANALY  E M  525  3 CREDITS  
3034005  MWF 3:10-4:00  
MEETS: JAN 13-MAY 9  
ADV ENGR DYNAMICS  E M  548  3 CREDITS  
3040005  1 MWF 3:10-4:00  
MEETS: JAN 13-MAY 9  
FUND NONDESTR EVAL  E M  550  4 CREDITS  
8108005  1 MWF 2:10-3:00  
T 1:00-2:50  
MEETS: JAN 13-MAY 9  
PHASE TRANSFM ELASTC  E M  566  3 CREDITS  
3086005  1 MWF 12:10-1:00  
MEETS: JAN 13-MAY 9  
MCH COMPOSITE MATLS  E M  569  3 CREDITS  
3049005  1 MWF 12:10-1:00  
MEETS: JAN 13-MAY 9  
SPL TOPC THIN FILMS  E M  590H  1-4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
******* SEE DEPT FOR REFERENCE NUMBERS  
SPL TOP CELULR MDIA  E M  590I  1-4 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
******* SEE DEPT FOR REFERENCE NUMBERS  
SPL TOP ADV EXP MTH  E M  690N  1-6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
******* SEE DEPT FOR REFERENCE NUMBERS  
SPL TOP ADV WOT PROP  E M  690O  1-6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
******* SEE DEPT FOR REFERENCE NUMBERS  
SPL TOP ADV MATERLS  E M  690P  1-6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
******* SEE DEPT FOR REFERENCE NUMBERS  
SPL TOP ADV COMP MTH  E M  690Q  1-6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
******* SEE DEPT FOR REFERENCE NUMBERS  
SPL TOP REASISAB MTRL  E M  690R  1-6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
******* SEE DEPT FOR REFERENCE NUMBERS  
SPL TOP ADV WOT PROP  E M  690S  1-6 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  
******* SEE DEPT FOR REFERENCE NUMBERS  
ENGINEERING INTERNSHIP  E M  697  R CREDIT  
Prereq: PERMISSION OF DOCE, GRAD CLASSIFICATION  
Satisfactory-Fail Only.  
8134005  ARRANGED  
MEETS: JAN 13-MAY 9  
Note: College permission required.  
RESEARCH  E M  699  VAR. CREDITS  
******* SEE DEPT FOR REFERENCE NUMBERS  

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</table>
ENGLISH

WRIT, ORAL, EL COMPOS ENGL 250 3 CREDITS

3299360  MN T 2:10-3:30
R 2:10-3:30
MEETS: JAN 13-MAY 9
Note: SEC MN MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
3299365  MP T 3:40-5:00
R 3:40-5:00
MEETS: JAN 13-MAY 9
Note: SEC MP MAY MEET THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
3299370  MQ R 12:40-2:00
T 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC MQ MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
3299380  MS WF 8:00-8:50
M 8:00-8:50
MEETS: JAN 13-MAY 9
Note: SEC MS MAY MEET MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
3299385  MT R 9:30-10:50
P 9:30-10:50
MEETS: JAN 13-MAY 9
Note: SEC MT MAY MEET TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
3299400  PA TR 11:00-12:20
MEETS: JAN 13-MAY 9
Note: SEC PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299405  PB TR 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC PB MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299410  PC TR 2:10-3:30
MEETS: JAN 13-MAY 9
Note: SEC PC MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
Students will have access to a special computer lab in Ross Hall during spring break for an extra hour of use. This lab is equipped with state-of-the-art technology and is located in one of the building's common areas.

ENGLISH (CONTINUED)

WRIT, ORAL, EL COMPOS ENGL 250 3 CREDITS

3299705  RB WF 9:00-9:50
M 9:00-9:50
MEETS: JAN 13-MAY 9
Note: SEC RB MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299710  RC MF 10:00-10:50
W 10:00-10:50
MEETS: JAN 13-MAY 9
Note: SEC RC MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299715  RD MF 11:00-11:50
W 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SEC RD MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299720  RE WF 12:10-1:00
M 12:10-1:00
MEETS: JAN 13-MAY 9
Note: SEC RE MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299725  RF WF 1:10-2:00
M 1:10-2:00
MEETS: JAN 13-MAY 9
Note: SEC RF MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299730  RG MF 2:10-3:00
MEETS: JAN 13-MAY 9
Note: SEC RG MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299735  RH MN 3:10-6:00PM
MEETS: JAN 13-MAY 9
Note: SEC RH MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299740  RJ MN 3:10-6:00PM
MEETS: JAN 13-MAY 9
Note: SEC RJ MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299750  RL TR 9:30-10:50
MEETS: JAN 13-MAY 9
Note: SEC RL MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299755  RM T 11:00-12:20
R 11:00-12:20
MEETS: JAN 13-MAY 9
Note: SEC RM MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299760  RN T 12:40-2:00
R 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC RN MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299765  RP TR 3:40-5:00
MEETS: JAN 13-MAY 9
Note: SEC RP MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299770  RQ TR 3:40-6:20PM
MEETS: JAN 13-MARCH 7
Note: SEC RQ MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299775  RR TR 3:40-6:20PM
MEETS: JAN 13-MAY 9
Note: SEC RR MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299780  RS TR 3:40-6:20PM
MEETS: JAN 13-MAY 9
Note: SEC RS MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299785  RT TR 3:40-6:20PM
MEETS: JAN 13-MAY 9
Note: SEC RT MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299790  RU TR 3:40-6:20PM
MEETS: JAN 13-MAY 9
Note: SEC RU MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299795  RV TR 3:40-6:20PM
MEETS: JAN 13-MAY 9
Note: SEC RV MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299800  RW TR 3:40-6:20PM
MEETS: JAN 13-MAY 9
Note: SEC RW MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299805  RX TR 3:40-6:20PM
MEETS: JAN 13-MAY 9
Note: SEC RX MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299810  RY TR 3:40-6:20PM
MEETS: JAN 13-MAY 9
Note: SEC RY MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.
3299815  RZ TR 3:40-6:20PM
MEETS: JAN 13-MAY 9
Note: SEC RZ MEETS IN ROSS HALL LAPTOP LAB.
LAPTOP COMPUTERS ARE PROVIDED.

Note: SEC RC MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RB MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RC MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RD MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RE MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RF MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RG MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RH MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RR MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RS MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RT MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RU MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RX MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RY MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RZ MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

Note: SEC RC MAY MEET THURSDAY IN ROSS HALL COMPUTER LAB.

BLAKELY@IASTATE.EDU

BY NOVEMBER 15. QUESTIONS? EMAIL DR. BLAKELY, EDINBURGH, SCOTLAND DURING SPRING BREAK FOR AN EXTRA
### BUSINESS COMMUNICATION

<table>
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**Note:** SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

### RHETORICAL ANALYSIS

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<th>Section</th>
<th>Days</th>
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**Note:** SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

### RHETORICAL WEBSITE

<table>
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<th>Section</th>
<th>Days</th>
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<tr>
<td>ENGL 313</td>
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<td>12:00-1:00</td>
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**Note:** Available for nonmajor graduate credit

### TECHNICAL COMMUNICATION

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<th>Section</th>
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<tr>
<td>ENGL 314</td>
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**Note:** Course is restricted to seniors and above

### REPT & PROPOSALWRITING

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<td>A</td>
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**Note:** SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

### BIOLOGIC COMMUNICATION

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<td>T</td>
<td>11:00-12:00</td>
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**Note:** Available for nonmajor graduate credit
<table>
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<th>Time</th>
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<tr>
<td>3357005</td>
<td>A1</td>
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<td>9:30-10:50</td>
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<td>Note: COURSE MAY BE TAUGHT IN THE COMPUTER LAB</td>
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<tr>
<td>3321005</td>
<td>A1</td>
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<td>9:30-10:30</td>
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<td>Note: SEC A1 RESTRICTED TO ENGLISH MAJORS ONLY</td>
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<tr>
<td>3321005</td>
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<td>TR</td>
<td>9:30-10:50</td>
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<td>Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGLISH, COMM.</td>
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<tr>
<td>3321005</td>
<td>A2</td>
<td>T</td>
<td>6:10-9:00</td>
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<td>Note: FILM SHOWINGS MAY EXTEND SCHEDULED TIME</td>
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<td>Note: SEC A1 RESTRICTED TO ENGLISH, COMM. MAJORS ONLY</td>
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**Note:** For all courses, please check the university's website for up-to-date information and registration details.
ENGLISH (CONTINUED)

SOCIOLINGUISTICS ENGL 514 3 CREDITS
Prereq: ENGL/LING 511 OR AN INTRODUCTORY LINGUISTICS COURSE.
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3397006 A TR 3:40-5:00PM
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO ENGL GRADS ONLY

2ND LANGUAGE ASSESSM ENGL 519 3 CREDITS
Prereq: ENGL/LING 511
3402005 A TR 9:30-10:50
MEETS: JAN 13-MAY 9

COMPUTNL ANALY ENGL 520 3 CREDITS
Prereq: ENGL/LING 511 OR AN INTRODUCTORY COURSE IN LINGUISTICS
2230005 A MW 11:00-12:20
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO ENGL GRADS ONLY

DISCOURSE ANALYSIS ENGL 527 3 CREDITS
Prereq: ENGL/LING 511 OR AN INTRODUCTORY COURSE IN LINGUISTICS
Note: COURSE RESTRICTED TO ENGL GRADUATE STUDENTS
2302005 A TR 11:00-12:20
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO ENGL GRADS ONLY

BRITISH LIT TO 1830 ENGL 533 3 CREDITS
Prereq: 6 CREDITS IN LITERATURE
2243005 A M 6:10-9:00PM
MEETS: JAN 13-MAY 9

ENVIRONMENTAL LIT ENGL 543 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO ENGL GRAD STUDENTS ONLY.
8359005 A TR 11:00-12:20
MEETS: JAN 13-MAY 9

STUDY CULTURAL RHETR ENGL 592D 3 CREDITS
Prereq: 12 CREDITS IN RHETORIC, LINGUISTICS, OR ENGLISH
3837005 A M 6:10-9:00PM
MEETS: JAN 13-MAY 9

ADV CRTY WRIT NKSP ENGL 551 3 CREDITS
Prereq: FOURTH-SEMESTER OR EQUIVALENT STANDING IN THE CREATIVE WRITING AND ENVIRONMENT MA PROGRAM
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
8367005 A M 6:10-9:00PM
MEETS: JAN 13-MAY 9

ADV IMAG WRIT:FICTION ENGL 554 3 CREDITS
Prereq: ENGL 550, GRAD CLASSIFICATION, OPEN TO GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND ENVIRONMENT ONLY WITH PERMISSION.
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3412005 A M 6:10-9:00PM
MEETS: JAN 13-MAY 9
3412010 B M 6:10-9:00PM
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

ADV IMAG WRIT:POETRY ENGL 556 3 CREDITS
Prereq: ENGL 550, GRAD CLASSIFICATION, OPEN TO GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND ENVIRONMENT ONLY WITH PERMISSION.
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3413005 A T 6:10-9:00PM
MEETS: JAN 13-MAY 9
3413010 B T 6:10-9:00PM
MEETS: JAN 13-MAY 9
Note: SEC B FOR STUDENTS NOT FORMALLY ADMITTED TO THE MA PROGRAM IN ENGLISH.
Instructor permission required.

ADV CRTY WRIT NKSP ENGL 551 3 CREDITS
Prereq: FOURTH-SEMESTER OR EQUIVALENT STANDING IN THE CREATIVE WRITING AND ENVIRONMENT MA PROGRAM
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3412005 A M 6:10-9:00PM
MEETS: JAN 13-MAY 9
3412010 B M 6:10-9:00PM
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

ADV IMAG WRIT:FICTION ENGL 554 3 CREDITS
Prereq: ENGL 550, GRAD CLASSIFICATION, OPEN TO GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND ENVIRONMENT ONLY WITH PERMISSION.
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3413005 A T 6:10-9:00PM
MEETS: JAN 13-MAY 9
3413010 B T 6:10-9:00PM
MEETS: JAN 13-MAY 9
Note: SEC B FOR STUDENTS NOT FORMALLY ADMITTED TO THE MA PROGRAM IN ENGLISH.
Instructor permission required.

ADV CRTY WRIT:POETRY ENGL 556 3 CREDITS
Prereq: ENGL 550, GRAD CLASSIFICATION, OPEN TO GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND ENVIRONMENT ONLY WITH PERMISSION.
Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3413005 A T 6:10-9:00PM
MEETS: JAN 13-MAY 9
3413010 B T 6:10-9:00PM
MEETS: JAN 13-MAY 9
Note: SEC B FOR STUDENTS NOT FORMALLY ADMITTED TO THE MA PROGRAM IN ENGLISH.
Instructor permission required.
### ENGLISH (CONTINUED)

#### ENTOMOLOGY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Prerequisite(s)</th>
<th>Location</th>
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<tr>
<td>3455005</td>
<td>MWF</td>
<td>9:00-9:50</td>
<td>BARTHOLOMAY L</td>
<td>Prereq: 9 CREDITS IN BIOLOGICAL SCIENCES</td>
<td>MEETS: JAN 14-28</td>
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<tr>
<td>6935005</td>
<td>A</td>
<td>2:10-3:00</td>
<td>BARTHOLOMAY L</td>
<td>Prereq: ENT 201</td>
<td>MEETS: JAN 13-30</td>
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<tr>
<td>6315005</td>
<td>W</td>
<td>9:00-11:50</td>
<td>BARTHOLOMAY L</td>
<td>Prereq: ENT 201</td>
<td>MEETS: JAN 13-30</td>
</tr>
</tbody>
</table>

**NOTES:**
- Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
- Available for nonmajor graduate credit
- Instructor permission required 1st week.

### ENVIRONMENTAL SCIENCE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Prerequisite(s)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3446005</td>
<td>A</td>
<td>12:40-1:30</td>
<td>GASSMANN A</td>
<td>Prereq: ENT 376</td>
<td>MEETS: JAN 13-30</td>
</tr>
<tr>
<td>6315005</td>
<td>W</td>
<td>9:00-11:50</td>
<td>BARTHOLOMAY L</td>
<td>Prereq: ENT 201</td>
<td>MEETS: JAN 13-30</td>
</tr>
</tbody>
</table>

**NOTES:**
- Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES, JUNIOR OR SENIOR CLASSIFICATION. FOR STUDENTS REGISTERING TO BE UNDERGRADUATE LABORATORY ASSISTANTS.
- Instructor permission required 1st week.

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**ENGLISH (CONTINUED)**

### ENTOMOLOGY (CONTINUED)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Prerequisite(s)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5299005</td>
<td>A</td>
<td>11:00-12:20</td>
<td>CASTELLANO M</td>
<td>Prereq: AGRON 154 OR ENSCI 250 OR GEOL 201</td>
<td>MEETS: JAN 13-30</td>
</tr>
</tbody>
</table>

**NOTES:**
- Prereq: AGRON 154 OR ENSCI 250 OR GEOL 201
- Available for nonmajor graduate credit
- Instructor permission required 1st week.

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**ENVIRONMENTAL SCIENCE (CONTINUED)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Prerequisite(s)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4810005</td>
<td>1A</td>
<td>1:10-2:00</td>
<td>CASTELLANO M</td>
<td>Prereq: ENSCI 381</td>
<td>MEETS: JAN 13-30</td>
</tr>
</tbody>
</table>

**NOTES:**
- Sections 1A, 2A, ETC. RESTRICTED TO ENSCA, ENSCS MAJORS ONLY, SECTIONS 1B, 2B, ETC. RESTRICTED TO MAJORS OTHER THAN ENSCA, ENSCS.
- Available for nonmajor graduate credit.

---

**ADDITIONAL COURSES**

- **ENGLISH:**
  - ENGL 699
  - ENGL 699 VAR. CREDITS

- **ENTOMOLOGY:**
  - EN 490U
  - EN 490E

- **ENVIRONMENTAL SCIENCE:**
  - ENSCI 360
  - ENSCI 381

---

**SEMINAR:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Prerequisite(s)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5345005</td>
<td>A</td>
<td>4:10-5:00</td>
<td>CASTELLANO M</td>
<td>Prereq: AGRON 154 OR ENSCI 250 OR GEOL 201</td>
<td>MEETS: JAN 13-30</td>
</tr>
</tbody>
</table>

**NOTES:**
- Prereq: ENSCI 381
- Available for nonmajor graduate credit
- Instructor permission required 1st week.

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**RESEARCH:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Prerequisite(s)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5345005</td>
<td>A</td>
<td>4:10-5:00</td>
<td>CASTELLANO M</td>
<td>Prereq: AGRON 154 OR ENSCI 250 OR GEOL 201</td>
<td>MEETS: JAN 13-30</td>
</tr>
</tbody>
</table>

**NOTES:**
- Prereq: ENSCI 381
- Available for nonmajor graduate credit
- Instructor permission required 1st week.
### Environmental Science (Continued)

**INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS**

- Prereq: APPROVAL OF THE ENVIRONMENTAL SCIENCE COORDINATOR
- Note: Satisfactory-Fail Only
- **SEE DEPT FOR REFERENCE NUMBERS**

**APPRENTICESHIP ENSCI 391 VAR. CREDITS**

- Prereq: APPROVAL OF THE ENVIRONMENTAL SCIENCE COORDINATOR
- Note: Permission of coordinator required.
- Satisfactory-Fail Only
- **SEE DEPT FOR REFERENCE NUMBERS**

**GLOBAL CHANGE ENSCI 404 3 CREDITS**

- Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING, JUNIOR STANDING
- Note: Available for nonmajor, graduate credit
- **3386005 MF 11:00-11:50 GUTOWSKI W**
  - **MEETS: JAN 13-MAY 9**
  - Note: ON-CAMPUS SEC RESTRICTED TO GEOL, METEO MAJOR ONLY
  - Syllabus: [http://www.meteor.laistate.edu/classes/mt404](http://www.meteor.laistate.edu/classes/mt404)

**WATERSHED MANAGEMENT ENSCI 407 4 CREDITS**

- Prereq: A COURSE IN GENERAL BIOLOGY
- **2300005 1 TR 9:30-10:50 SCHULTZ R**
- **MEETS: JAN 13-MAY 9**
- **2300110 2 TR 9:30-10:50 SCHULTZ R**
- **MEETS: JAN 13-MAY 9**
- **2300055 1 TR 9:30-10:50 SCHULTZ R**
  - **MEETS: JAN 13-MAY 9**

**APP GRINDWR FLW MOD ENSCI 414 3 CREDITS**

- Prereq: GEOL 411 OR GEOL 473; MATH 165 OR MATH 181
- Note: Available for nonmajor, graduate credit
- **3068005 MW 2:10-3:00 SIMPKINS W**
- **W 3:10-4:00 MEETS: JAN 13-MAY 9**

**AIR POLLUT AIR QUAL ENSCI 424A 1 CREDIT**

- Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
- **1469005 TR 9:30-10:50 MEETS: JAN 14-FEB 13**

**AIR POLLUT &CLIMATE ENSCI 424B 1 CREDIT**

- Prereq: ENSCI 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
- **1522005 TR 9:30-10:50 MEETS: FEB 18-MARCH 27**

**AIR POLLUT TRANSPRTN ENSCI 424C 1 CREDIT**

- Prereq: ENSCI 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
- **1543005 TR 9:30-10:50 MEETS: MARCH 31-MAY 1**

**AIR POLLUT TREATMTN ENSCI 424D 1 CREDIT**

- Prereq: ENSCI 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
- **1601005 TR 9:30-10:50 MEETS: MARCH 31-MAY 1**

**AIR POLLUT AG SOURC ENSCI 424E 1 CREDIT**

- Prereq: ENSCI 424A, PHYS 221 OR CHEM 178; MATH 166 OR 3 CREDITS IN STAT; SENIOR CLASSIFICATION OR ABOVE OR PERMISSION OF INSTRUCTOR
- **1603005 TR 9:30-10:50 MEETS: MARCH 31-MAY 1**

**STABLE ISOTOPE ENV ENSCI 426 3 CREDITS**

- Prereq: 4 COURSES IN BIOLOGICAL OR PHYSICAL SCI
- Note: Available for nonmajor, graduate credit
- **6844005 TR 9:30-10:50 WANAMAKER A**
  - **MEETS: JAN 13-MAY 9**
  - Note: Materials fee $75.00

**GIS&GPS NAT RESOURC ENSCI 446 3 CREDITS**

- Prereq: 12 CR IN STUDENT MAJOR AT 300 LEVEL OR ABOVE, NRBM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS
- **3033005 1 TR 8:00-8:50 WOLTER P**
  - T 12:10-1:00
  - **MEETS: JAN 13-MAY 9**
- **3033010 2 TR 8:00-8:50 WOLTER P**
  - T 12:10-1:00
  - **MEETS: JAN 13-MAY 9**
- **3033015 3 TR 8:00-8:50 WOLTER P**
  - W 10:00-1:00
  - **MEETS: JAN 13-MAY 9**
- **3033020 4 TR 8:00-8:50 WOLTER P**
  - W 10:00-1:00
  - **MEETS: JAN 13-MAY 9**

**INTEGRATING GIS&GPS ENSCI 546 3 CREDITS**

- Prereq: 12 CR IN STUDENT MAJOR AT 300 LEVEL OR ABOVE, NRBM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS
- **4698005 1 TR 8:00-8:50 WOLTER P**
  - T 12:10-1:00
  - **MEETS: JAN 13-MAY 9**
- **4698010 2 TR 8:00-8:50 WOLTER P**
  - T 12:10-1:00
  - **MEETS: JAN 13-MAY 9**
- **4698015 3 TR 8:00-8:50 WOLTER P**
  - W 10:00-1:00
  - **MEETS: JAN 13-MAY 9**
INTEGRATING GIS/GPS

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
4698020  4 TR 8:00-8:50  WOLTER P
M 10:00-1:00  WOLTER P
MEETS: JAN 13-MAY 9

SOIL FORMAT&LANDSC

ENVIROMNTL GEOLOGY  ENV S 101  4 CREDITS
Prereq: AGRON 154 OR AGRON 260
Note: CREDIT FOR EITHER AGRON/ENVI 563 OR IA LL/AGRON/ENVI 563I BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
3244010  1 TR 10:00-10:50  BURRAS C
T 2:10-5:00  BURRAS C
ARRANGED
MEETS: JAN 13-MAY 9

WETLAND ECOLOGY

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
1238005  TR 4:10-5:20
MEETS: JAN 13-MAY 9

SURFC WTR HYDROLOGY

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Prereq: C E 372
4567005  1 WP 11:00-2:30
MEETS: JAN 13-MAY 9

SOIL PHYSICS

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Prereq: RECOMMENDED: AGRON 154 AND MATH 156
7360005  MWF 10:00-10:50  HORTON R
MEETS: JAN 13-MAY 9

LAB MTHD SOIL PHYS

ENVIROMNTL GEOLOGY  ENV S 101  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN ENVI 577
Note: Department permission required.
6285005  1 MW 11:00-12:00  CASTELLANO M
W 2:10-4:00  CASTELLANO M
MEETS: JAN 13-MAY 9

ECOSYSTEM ECOLOGY

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Prereq: COMBINED 12 CREDITS IN BIOLOGY AND CHEM
5036005  MWF 2:10-3:00
MEETS: JAN 13-MAY 9

SPECIAL TOPICS

ENVIROMNTL GEOLOGY  ENV S 101  VAR. CREDITS
Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL SCIENCE FACULTY
******* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT

ENVIROMNTL GEOLOGY  ENV S 101  VAR. CREDITS
Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL SCIENCE FACULTY
******* SEE DEPT FOR REFERENCE NUMBERS

SEMINR ENVIROMNTL SCI

ENVIROMNTL GEOLOGY  ENV S 101  R CREDIT
4702001  1 M 4:10-5:00
MEETS: JAN 13-MAY 9

RESEARCH

ENVIROMNTL GEOLOGY  ENV S 101  VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL STUDIES

INTEGRATING GIS/GPS

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS ONLY SPRING 2013
3418005  A MWF 10:00-10:50  CAISSIE B
MEETS: JAN 13-MAY 9

GEOLOGIC DISASTERS

ENVIROMNTL GEOLOGY  ENV S 101  1 CREDIT
9170005  TR 9:30-10:20  ANKERSTJERNE S
MEETS: MAR 10-MAY 9

INTR RENEW RESOURCES

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
5141005  MWF 12:10-1:00  HALL R
MEETS: JAN 13-MAY 9

ENVIRONMENTAL STUDIES

INTEGRATING GIS/GPS

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS ONLY SPRING 2011.
5141600  XW ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW
Cmtr reqmt: http://agonline.iastate.edu/resources/computer-requirements

LIT AND THE ENVIRON

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
5510005  A 2 MWF 9:00-9:50  WOLTER P
MEETS: JAN 13-MAY 9

ENVIRONMETL SOC

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY
7578005  1 TR 11:00-12:00  HENNESSY H
MEETS: JAN 13-MAY 9

INTERNSH ENVIR STDI

ENVIROMNTL GEOLOGY  ENV S 101  VAR. CREDITS
Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2011.
******* SEE DEPT FOR REFERENCE NUMBERS

Satisfactory-Fail Only.

Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2011.
Prereq: APPROVAL OF THE ENV S COORDINATOR

ENVIRONMENTAL STUDIES

INTEGRATING GIS/GPS

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS ONLY SPRING 2013
3418005  A MWF 10:00-10:50  CAISSIE B
MEETS: JAN 13-MAY 9

GEOLOGIC DISASTERS

ENVIROMNTL GEOLOGY  ENV S 101  1 CREDIT
9170005  TR 9:30-10:20  ANKERSTJERNE S
MEETS: MAR 10-MAY 9

INTR RENEW RESOURCES

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
5141005  MWF 12:10-1:00  HALL R
MEETS: JAN 13-MAY 9

ENVIRONMENTAL STUDIES

INTEGRATING GIS/GPS

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS ONLY SPRING 2011.
5141600  XW ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW
Cmtr reqmt: http://agonline.iastate.edu/resources/computer-requirements

LIT AND THE ENVIRON

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
5510005  A 2 MWF 9:00-9:50  WOLTER P
MEETS: JAN 13-MAY 9

ENVIRONMETL SOC

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY
7578005  1 TR 11:00-12:00  HENNESSY H
MEETS: JAN 13-MAY 9

INTERNSH ENVIR STDI

ENVIROMNTL GEOLOGY  ENV S 101  VAR. CREDITS
Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2011.
******* SEE DEPT FOR REFERENCE NUMBERS

Satisfactory-Fail Only.

Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2011.
Prereq: APPROVAL OF THE ENV S COORDINATOR

ENVIRONMENTAL STUDIES

INTEGRATING GIS/GPS

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS ONLY SPRING 2013
3418005  A MWF 10:00-10:50  CAISSIE B
MEETS: JAN 13-MAY 9

GEOLOGIC DISASTERS

ENVIROMNTL GEOLOGY  ENV S 101  1 CREDIT
9170005  TR 9:30-10:20  ANKERSTJERNE S
MEETS: MAR 10-MAY 9

INTR RENEW RESOURCES

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
5141005  MWF 12:10-1:00  HALL R
MEETS: JAN 13-MAY 9

ENVIRONMENTAL STUDIES

INTEGRATING GIS/GPS

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS ONLY SPRING 2013
5141600  XW ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW
Cmtr reqmt: http://agonline.iastate.edu/resources/computer-requirements

LIT AND THE ENVIRON

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
5510005  A 2 MWF 9:00-9:50  WOLTER P
MEETS: JAN 13-MAY 9

ENVIRONMETL SOC

ENVIROMNTL GEOLOGY  ENV S 101  3 CREDITS
Note: SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY
7578005  1 TR 11:00-12:00  HENNESSY H
MEETS: JAN 13-MAY 9

INTERNSH ENVIR STDI

ENVIROMNTL GEOLOGY  ENV S 101  VAR. CREDITS
Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2011.
******* SEE DEPT FOR REFERENCE NUMBERS

Satisfactory-Fail Only.
**ENVIRONMENTAL STUDIES (CONTINUED)**

**GLOBAL CHANGE**

ENV S 404 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING.
Note: COURSE RESTRICTED TO GE AT MAJORS ONLY. Available for nonmajor graduate credit.
GUTOWSKI W
MEETS: JAN 13-MAY 9
Note: ON-CAMPUS SEC RESTRICTED TO GEOF, METOR MAJOR ONLY
Syllabus: http://www.meteor.iastate.edu/classes/mt404

**WATERSHED MANAGEMENT**

ENV S 407 4 CREDITS
Prereq: A COURSE IN GENERAL BIOLOGY
5143005 1 TR 9:30-10:50 SCHULTZ R
T 10:00-6:00PM
MEETS: JAN 13-MAY 9
5143010 2 TR 9:30-10:50 SCHULTZ R
T 10:00-3:00
MEETS: JAN 13-MAY 9

**CONTRV NAT RSRC MGT**

ENV S 460 3 CREDITS
Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND JUNIOR CLASSIFICATION.
Available for nonmajor graduate credit
HALL R
MEETS: JAN 13-MAY 9

**SUSTAINABLE COMMUNIT**

ENV S 484 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
7250005 TR 2:10-3:30
MEETS: JAN 13-MAY 9

**INDEPENDENT STUDY**

ENV S 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF ENV Coordinator
Note: COURSE OFFERED FOR 1-3 CREDITS SPRING 2013.

**EVENT MANAGEMENT**

INTRO EVENT MANAGMT EVENT 271 3 CREDITS
Prereq: HRI 101
4556005 1 WFW 12:10-1:00
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO EVENT MAJORS ONLY
4556010 2 WFW 12:10-1:00
MEETS: JAN 13-MAY 9
Note: SEC 2 RESTRICTED TO AMDP HRI AND HSP MAJORS ONLY
4556015 3 WFW 12:10-1:00
MEETS: JAN 13-MAY 9
Note: SEC 3 FOR MAJORS OTHER THAN A M D, AMDP, HRI, HSP, M, T, C.

**CNTMP CLUB OPERATNS**

EVENT 289 2 CREDITS
Prereq: HRI 101
1429005 M 2:30-3:50
MEETS: JAN 13-MAY 9

**ENTERTNMT VENUE MGT**

EVENT 333X 3 CREDITS
Prereq: EVENT 271 OR EQUIVALENT
9173005 W 5:10-8:00 PM
MEETS: JAN 13-MAY 9

**CONFNCNMT PLANNNG**

EVENT 371 3 CREDITS
Prereq: EVENT 271, MAJOR OR MINOR IN EVENT
1350005 1A WFW 3:10-4:00
MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO A M D, AMDP, HRI, HSP M, T Majors only
1350010 1B WFW 11:00-12:00
MEETS: JAN 13-MAY 9
Note: SEC 1B RESTRICTED TO EVENT MAJORS ONLY
1350015 1C WFW 3:10-4:00
MEETS: JAN 13-MAY 9
Note: SEC 1C RESTRICTED TO EVENT MAJOR ONLY

**WEDDING PLANNING**

EVENT 373X 3 CREDITS
Prereq: AESHM 111, EVENT 271
9481005 WFW 7:00-9:00
MEETS: JAN 13-MAY 9
Note: COURSE RESTRICTED TO EVENT MAJORS ONLY

**SPECIAL EVENTS COORD**

EVENT 471 1-3 CREDITS
Prereq: EVENT 371; APPLICATION AND INSTRUCTOR PERMISSION REQUIRED FOR SPRING ENROLLMENT; FORM AVAILABLE FROM THE AESHM DEPARTMENT OFFICE.
4612005 1A WFW 10:00-10:50
MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO EVENT MAJORS ONLY
4612010 1B WFW 10:00-10:50
MEETS: JAN 13-MAY 9
Note: SEC 1B FOR MAJORS OTHER THAN EVENT MAJORS.

**FAMILY & CONSUMER SCIENCES ED&STUDIES**

**FAMILY SYSTEMS**

FCEDS 280A 1 CREDIT
Prereq: ADMISSION TO TEACHER EDUCATION
Note: COURSE OFFERED FOR 1 CREDIT SPRING 2013
Satisfactory-Fail Only.
9460005 ARRANGED
MEETS: JAN 13-MAY 9

**PRE-TCHG PRA:DV SET FCEDS 280B 1 CREDIT**
Prereq: COURSE OFFERED FOR 1 CREDIT SPRING 2013
Satisfactory-Fail Only.
9484005 A ARRANGED
MEETS: JAN 13-MAY 9

**PLAN&ASSEMT FMLY ED FCEDS 413 4 CREDITS**
Prereq: FCEDS 306
3985005 TR 1:10-4:50
MEETS: JAN 13-MAY 9

**SUPR TCHG VOC FAM FCEDS 417A 3-8 CREDITS**
Prereq: FCEDS 413, 24 CR IN FAMILY & CONSUMER SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
3987005 1 ARRANGED
MEETS: JAN 13-MAY 9

**SUPV TCHG FAMILY SCI FCEDS 417B 3-8 CREDITS**
Prereq: FCEDS 413, 24 CR IN FAMILY & CONSUMER SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
3988005 1 ARRANGED
MEETS: JAN 13-MAY 9

**OCCUPATN,TECH PROGS FCEDS 418 3 CREDITS**
Prereq: FCEDS 206; 400 HOURS EMPLOYMENT IN A FAMILY AND CONSUMER SCIENCES RELATED FIELD
3980600 XW ARRANGED
STANGE L
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW

**SUPV EXPRNC COMMUNC FCEDS 491A 3-8 CREDITS**
Prereq: HD FS 449; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
2261005 ARRANGED
MEETS: JAN 13-MAY 9

**OCCUPATN,TECH PROGS FCEDS 491B 3-8 CREDITS**
Prereq: HD FS 449; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED
2272005 ARRANGED
MEETS: JAN 13-MAY 9

**OCCUPATN,TECH PROGS FCEDS 518 3 CREDITS**
Prereq: FCEDS 206; 400 HOURS EMPLOYMENT IN A FAMILY AND CONSUMER SCIENCES RELATED FIELD
3214600 XW ARRANGED
STANGE L
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW

**RESERCH**

FCEDS 699 VAR. CREDITS

**FAMILY FINANCIAL PLANNING**

**FAMILY SYSTEMS**

FPF 520 3 CREDITS
8201600 XG ARRANGED
MEETS: JAN 13-MAY 9
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY REGISTRATION

**FUND FAMILY FINANCI**

FPF 530 3 CREDITS
8202600 XG ARRANGED
MEETS: JAN 13-MAY 9
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FFP PROGRAM WILL RECEIVE PRIORITY REGISTRATION
FAMILY FINANCIAL PLANNING (CONTINUED)

**ESTATE PLAN FAMILI**
- **FFP:** 540 credits
- **MEETS:** JAN 9–MAY 2
- Tuition Category: GPIDEA Consortium
- Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FFF PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
- Tuition Category: GPIDEA Consortium
- Section XG is off campus
- Course delivery is WWW

**INSURANCE PLAN FAMILI**
- **FFP:** 555 credits
- **MEETS:** JAN 13–MAY 9
- Tuition Category: GPIDEA Consortium
- Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FFF PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
- Tuition Category: GPIDEA Consortium
- Section XG is off campus
- Course delivery is WWW

**FINANCE**

**PRINCIPLE OF FINANCE FFP 301**
- **3 CREDITS**
- **MEETS:** SECT 200, 201, 202
- Tuition Category: GPIDEA Consortium
- Note: SEC A1,B1,ETC RESTRICTED TO BUSINESS MAJORS. SEC A2,B2,ETC FOR ALL OTHER MAJORS. NOT OPEN TO P BUS MAJORS. CONCURRENT ENROLLMENT OR PRIOR CREDIT IN SCM 301 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK. NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370 AND MRT 340.
- Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/

**PERSONAL INCOME TAX FFP 565**
- **3 CREDITS**
- **MEETS:** JAN 21–MAY 8
- Tuition Category: GPIDEA Consortium
- Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FFF PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
- Tuition Category: GPIDEA Consortium
- Section XG is off campus
- Course delivery is WWW

**INVESTG&FAMILY FUTUR**
- **FFP:** 583 credits
  - **Prereq:** HD FB 483
  - **MEETS:** JAN 13–MAY 9
  - Tuition Category: GPIDEA Consortium
  - Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FFF PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
  - Tuition Category: GPIDEA Consortium
  - Section XG is off campus
  - Course delivery is WWW

**CORPORATE FINANCE**
- **FIN 310**
- **3 CREDITS**
- **MEETS:** JAN 13–MAY 9
- Tuition Category: GPIDEA Consortium
- Note: SEC A1,B1,ETC RESTRICTED TO BUSINESS MAJORS. SEC A2,B2,ETC FOR ALL OTHER MAJORS. NOT OPEN TO P BUS MAJORS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

**INVESTMENTS**
- **FIN 320**
- **3 CREDITS**
- **MEETS:** JAN 13–MAY 9
- Tuition Category: GPIDEA Consortium
- Note: SEC A1,B1,ETC RESTRICTED TO FINANCIAL MAJORS. SEC A2,B2,ETC RESTRICTED TO ACCT BUS Finance majors only. NOT OPEN TO P BUS MAJORS. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

**PRO PRACTC FIN PLAN**
- **FFP:** 570 credits
- **MEETS:** JAN 21–MAY 16
- Tuition Category: GPIDEA Consortium
- Section XG is off campus
- Course delivery is WWW

**FINAN PLN CASE STUD**
- **FFP:** 595 credits
  - **Prereq:** FFP 530, FFP 540, FFP 545, FFP 555, FFP 565
- **MEETS:** JAN 21–MAY 16
- Tuition Category: GPIDEA Consortium
- Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-FFF PROGRAM WILL RECEIVE PRIORITY REGISTRATION ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
- Tuition Category: GPIDEA Consortium
- Section XG is off campus
- Course delivery is WWW

INVESTMENTS FIN 320 3 CREDITS
3692030 C2 TR 3:40-5:00
MEETS: JAN 13-MAY 9
3692035 D1 TR 2:10-3:25
MEETS: JAN 13-MAY 9
3692040 D2 TR 2:10-3:25
MEETS: JAN 13-MAY 9

FIXED INCOME SECURITI FIN 327 3 CREDITS
Prereq: FIN 301
Note: COURSE RESTRICTED TO FIN MAJORS ONLY.
Available for nonmajor graduate credit
8796005 A TR 12:40-2:00
MEETS: JAN 13-MAY 9

FINAN MKT&INSTITUT FIN 330 3 CREDITS
Prereq: FIN 301
Note: SEC A1,B1,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN, P BUS.
Available for nonmajor graduate credit
3693005 A1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
3693010 A2 TR 12:40-2:00
MEETS: JAN 13-MAY 9

REAL ESTATE PRINCIP FIN 371 3 CREDITS
Prereq: ECON 101
Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY.
SEC A2,B2,Etc RESTRICTED TO BUS MAJORS EXCEPT FIN, P BUS.
3699005 A1 MWF 12:10-1:00
MEETS: JAN 13-MAY 9
3699010 A2 MWF 12:10-1:00
MEETS: JAN 13-MAY 9
3699015 B1 MWF 8:00-9:50
MEETS: JAN 13-MAY 9
3699020 B2 MWF 8:00-9:50
MEETS: JAN 13-MAY 9

BUS FINANCIAL DECISNS FIN 415 3 CREDITS
Prereq: FIN 301 AND STAT 326
Available for major graduate credit
3698005 A1 T 6:40-9:25PM
MEETS: JAN 13-MAY 9
3698010 A2 T 6:40-9:25PM
MEETS: JAN 13-MAY 9

FIN FUTURES OPTIONS FIN 424 3 CREDITS
Prereq: FIN 320 AND STAT 326
Available for nonmajor graduate credit
3697005 A2 TR 2:10-3:25
MEETS: JAN 13-MAY 9
3697010 A2 TR 2:10-3:25
MEETS: JAN 13-MAY 9

SECUR ANALYSIS PORTFOLIO FIN 425 3 CREDITS
Prereq: FIN 320, STAT 326 AND PERMISSION OF INSTRUCTOR
Note: SEC A1 RESTRICTED TO FIN MAJORS ONLY.
College permission required - go to 1200 Geradin.
7201005 A1 K 6:40-9:25PM
MEETS: JAN 13-MAY 9

ADVANCED INCOME ANALYSIS FIN 428 3 CREDITS
Prereq: FIN 327, FIN 310, STAT 326 AND PERMISSION OF INSTRUCTOR
Available for nonmajor graduate credit
3692005 A1 TR 3:40-5:00
MEETS: JAN 13-MAY 9
3692010 A2 TR 3:40-5:00
MEETS: JAN 13-MAY 9

INVESTMENTS (CONTINUED)
VENTURE CAPITAL MERGER FIN 435 3 CREDITS
Prereq: FIN 310, FIN 320, STAT 326, INSTRUCTOR
Available for nonmajor graduate credit
8935005 TR 8:00-9:15
MEETS: JAN 13-MAY 9

BANKING DECISIONS FIN 445 3 CREDITS
Prereq: STAT 326 AND FIN 330
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
3696005 A1 T 6:40-9:25PM
MEETS: JAN 13-MAY 9
3696010 A2 T 6:40-9:25PM
MEETS: JAN 13-MAY 9

CORPORATE RISK MANAGEMENT FIN 462 3 CREDITS
Prereq: FIN 301 AND STAT 326
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
9268005 A1 TR 11:00-12:15
MEETS: JAN 13-MAY 9
9268010 A2 TR 11:00-12:15
MEETS: JAN 13-MAY 9

REAL ESTATE FINANCE FIN 472 3 CREDITS
Prereq: FIN 301 AND STAT 326
Available for nonmajor graduate credit
4555005 A1 MWF 2:10-3:00
MEETS: JAN 13-MAY 9
4555010 A2 MWF 2:10-3:00
MEETS: JAN 13-MAY 9

INTERNATIONAL FINANCE FIN 480 3 CREDITS
Prereq: FIN 301 AND STAT 326
Note: SEC A1,B1,Etc RESTRICTED TO BUS MAJORS EXCEPT FIN, P BUS.
SEC A2,B2,Etc RESTRICTED TO BUS MAJORS EXCEPT FIN, P BUS.
5131005 A1 TR 11:00-12:15
MEETS: JAN 13-MAY 9
5131010 A2 TR 11:00-12:15
MEETS: JAN 13-MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN FIN OR P BUS

INDEPENDENT STUDY FIN 490 1-3 CREDITS
Prereq: FIN 301, STAT 326 AND PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO FIN MAJORS ONLY.
******** SEE DEPT FOR REFERENCE NUMBERS

BANKING INTERNSHIP FIN 499A 1-3 CREDITS
Prereq: GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR
9403005 ARRANGED
MEETS: JAN 13-MAY 9
Note: College permission required to add during 1st week. Go to 1200 Geradin.

INSURANCE INTERNSHIP FIN 499B 1-3 CREDITS
Prereq: FIN 361; STAT 326; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR
9555005 ARRANGED
MEETS: JAN 13-MAY 9
Note: College permission required to add during 1st week. Go to 1200 Geradin.

INTERNS REAL ESTATE FIN 499C 1-3 CREDITS
Prereq: FIN 301 PLUS 3 ADDL CREDITS IN FINANCE; STAT 326; GPA 2.5; PERMISSION OF INTERNSHIP COORDINATOR
3098005 ARRANGED
MEETS: JAN 13-MAY 9
Note: College permission required to add during 1st week. Go to 1200 Geradin.
FOOD SCIENCE & HUMAN NUTRITION

NUTRIT GROWTH & DEV  FS HN 362  3 CREDITS
Prereq: FS HN 360; CREDIT OR ENROLLMENT IN A COURSE IN PHYSIOLOGY.
Note: COURSE RESTRICTED TO DIET. DIET., N. A. S. N. H., FDEA, FDEA MAJORS ONLY.
Available for nonmajor graduate credit.
7271005  1 MWF 2:10-3:00  REDDY M
MEETS: JAN 13-MAY 9

OBESITY & WEIGHT MGT  FS HN 365  3 CREDITS
Prereq: FS HN 360, FS HN 461, 3 CREDITS IN BIOCHEMISTRY
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014.
4839010  1 TR 4:30-5:50  CHANDRA K
MEETS: JAN 13-MAY 9

COMMUNCT NUTRI MSQS  FS HN 366  3 CREDITS
Prereq: FS HN 360 OR FS HN 461.
Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR FS HN/NUTRS/TOX 519, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Available for nonmajor graduate credit.
8419005  1 TR 11:00-12:10  HENDRICH S
MEETS: JAN 13-MAY 9

FOOD PROCESSING II  FS HN 472  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
8347005  1 M 9:00-10:50  RAJAGOPAL L
MEETS: JAN 13-MAY 9

FOOD LAWS&REG PROC  FS HN 403  2 CREDITS
Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT 200 LEVEL OR ABOVE
Note: Available for nonmajor graduate credit.
3679005  1 MWF 10:00-11:50  BREHM-STECHER B
MEETS: JAN 13-MAY 9

SAFTY FOOD FROM ANI  FS HN 407  3 CREDITS
Prereq: MICRO 420
1882005  1 TR 9:30-10:50  MEETS: JAN 13-MAY 9

FOOD ANALYSIS  FS HN 410  3 CREDITS
Prereq: FS HN 214 OR FS HN 311 OR CHEM 211; TSM 110
3668005  1 MWF 10:00-11:50  LICHTSFIELD R
MEETS: JAN 13-MAY 9

MED NUTR/DISEASES II  FS HN 464  3 CREDITS
Prereq: FS HN 360, FS HN 461, 3 CREDITS IN BIOLOGY AT 300 LEVEL OR ABOVE
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014.
4599005  1 TR 11:00-12:10  CAMPBELL C
MEETS: JAN 13-MAY 9

FOOD PROCESSING II  FS HN 472  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
8347005  1 M 9:00-10:50  RAJAGOPAL L
MEETS: JAN 13-MAY 9

FOOD LAWS&REG PROC  FS HN 403  2 CREDITS
Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT 200 LEVEL OR ABOVE
Note: Available for nonmajor graduate credit.
3679005  1 MWF 10:00-11:50  BREHM-STECHER B
MEETS: JAN 13-MAY 9

SAFTY FOOD FROM ANI  FS HN 407  3 CREDITS
Prereq: MICRO 420
1882005  1 TR 9:30-10:50  MEETS: JAN 13-MAY 9

FOOD ANALYSIS  FS HN 410  3 CREDITS
Prereq: FS HN 214 OR FS HN 311 OR CHEM 211; TSM 110
3668005  1 MWF 10:00-11:50  LICHTSFIELD R
MEETS: JAN 13-MAY 9

MED NUTR/DISEASES II  FS HN 464  3 CREDITS
Prereq: FS HN 360, FS HN 461, 3 CREDITS IN BIOLOGY AT 300 LEVEL OR ABOVE
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014.
4599005  1 TR 11:00-12:10  CAMPBELL C
MEETS: JAN 13-MAY 9

FOOD PROCESSING II  FS HN 472  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR FS HN 272 OR HRI 233; FS HN 419 OR FS HN 420; FS HN 403
8347005  1 M 9:00-10:50  RAJAGOPAL L
MEETS: JAN 13-MAY 9

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

INDEP STDY FOOD SCI  FS HN 490B  1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
****** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NUTRITION  FS HN 490C  1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FOOD SCI  FS HN 490B  1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
****** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ENTREPREN  FS HN 490E  1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FOOD SCI  FS HN 490B  1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
****** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NUTRITION  FS HN 490C  1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY HONORS  FS HN 490H  1- 6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS.
****** SEE DEPT FOR REFERENCE NUMBERS

Satisfactory-Pass Only.

SUPRV WORK DIETETICS  FS HN 491A  1- 4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Pass Only.
****** SEE DEPT FOR REFERENCE NUMBERS

Satisfactory-Pass Only.

SUPRV WORK FOOD SCI  FS HN 491B  1- 4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Pass Only.
****** SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION

SUPRV WORK DIETETICS  FS HN 491A  1- 4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Pass Only.
****** SEE DEPT FOR REFERENCE NUMBERS

Satisfactory-Pass Only.

SUPRV WORK FOOD SCI  FS HN 491B  1- 4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Pass Only.
****** SEE DEPT FOR REFERENCE NUMBERS

Satisfactory-Pass Only.

SUPRV WORK DIETETICS  FS HN 491A  1- 4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Pass Only.
****** SEE DEPT FOR REFERENCE NUMBERS

Satisfactory-Pass Only.

SUPRV WORK FOOD SCI  FS HN 491B  1- 4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Pass Only.
****** SEE DEPT FOR REFERENCE NUMBERS

Satisfactory-Pass Only.
FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

SUPR WORK NUTR FS HN 491C 1-4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISOR
Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE
APPLIED TOWARDS GRADUATION.
Satisfactory-Fail Only.

SUPR WORK CULINARY FS HN 491D 1-4 CREDITS
Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISOR
Note: NO MORE THAN 4 CREDITS OF FS HN 491 MAY BE
APPLIED TOWARDS GRADUATION.
Satisfactory-Fail Only.

PRACTICUM FS HN 495 2 CREDITS
Prereq: SENIOR CLASSIFICATION IN NUTRITIONAL
SCIENCE - NUTRITION AND WELLNESS OPTION OR PERMISSION
OF INSTRUCTOR; FS HN 366; CREDIT OR ENROLLMENT IN
FS HN 463
3048005 1 ARRANGED HENDRICH S
MEETS: JAN 13-MAY 9

UNDERGRAD RESEARCH FS HN 499 1-6 CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM
STUDENT PROPOSES TO WORK
Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE
APPLIED TOWARDS GRADUATION

SAFETY FOOD FROM ANI FS HN 507 3 CREDITS
Prereq: MICRO 420
2196005 A TR 9:30-10:50 MEETS: JAN 13-MAY 9

PRIN FOOD SCI--CHEM FS HN 511 2 CREDITS
Prereq: 3 CREDITS IN ORGANIC CHEMISTRY
3606005 1 ARRANGED BOYLSTON T
MEETS: JAN 13-MAY 9
Note: Course delivery is WWW

FOOD PRODUCT DEVELOP FS HN 512 3 CREDITS
Prereq: FS HN 311 OR FS HN 411, FS HN 471
5580005 1 M 1:10-2:00 PRUSA K
TR 2:10-5:00 MEETS: JAN 13-MAY 9

PRIN FD SCI:PROCESS FS HN 513 2 CREDITS
Prereq: 3 CR EACH MATHEMATICS AND PHYSICS
9540005 1 ARRANGED JUNG S
MEETS: JAN 13-MAY 9
Note: Course delivery is WWW

PRIN FD SCI:MICROBI FS HN 514 2 CREDITS
Prereq: 3 CR EACH MICROBIO & ORGANIC CHEMISTRY
3632005 1 ARRANGED MENDONCA A
MEETS: JAN 13-MAY 9
Note: Course delivery is WWW

FOOD TOXICOLOGY FS HN 519 3 CREDITS
Prereq: A COURSE IN BIOCHEMISTRY
Note: CREDIT FOR EITHER FS HN/TOX/NUTRS 519 OR
FS HN/TOX/MICRO 419, BUT NOT BOTH, MAY BE APPLIED
TOWARDS GRADUATION.
7758005 1 ARRANGED MEETS: JAN 13-MAY 9
Note: Course delivery is WWW

MICROBIOLOGY OF FOOD FS HN 521 2 CREDITS
Prereq: MICROBIOLOGY WITH LAB; ENROLLMENT IN
GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE
OR PERMISSION OF INSTRUCTOR
4811600 XG ARRANGED MEETS: JAN 21-MAY 9
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE
AT LYOUNG@IASTATE.EDU.
Course delivery is WWW
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SAFETY OVERVIEW FS HN 523 2 CREDITS
Prereq: A COURSE IN BIOLOGY OR CHEMISTRY;
ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE
GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
9441600 XG ARRANGED MEETS: JAN 21-MAY 9
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE
AT LYOUNG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

PRINCIPLES OF HACCP FS HN 525 2 CREDITS
Prereq: UNDERGRADUATE BIOLOGY AND CHEMISTRY
COURSES; ENROLLMENT IN GP-IDEA FOOD SAFETY AND
DEFENSE CERTIFICATE OR PERMISSION OF INSTRUCTOR
7093600 XG ARRANGED MEETS: JAN 21-MAY 9
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE
AT LYOUNG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

FOOD DEFENS CONCPTS FS HN 528 2 CREDITS
Prereq: ENROLLMENT IN GP-IDEA FOOD SAFETY AND
DEFENSE GRADUATE CERTIFICATE OR INSTRUCTOR PERMISSION
9448600 XG ARRANGED MEETS: JAN 21-MAY 9
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTE
AT LYOUNG@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XG is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
7123005 TR 1:10-2:00 TR 2:10-4:00 MEETS: JAN 16-FEB 13

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
7124005 TR 1:10-2:00 NOTT J
TR 2:10-4:00 NOTT J
MEETS: FEB 18-MARCH 27

INTRO METABLMCS TCNQ FS HN 542C 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
7130005 TR 1:10-2:00 MEETS: APRIL 1-MAY 1

INTR METABLMCS TCNQ FS HN 542F 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
9017005 M 1:10-4:00, ARRANGED
MEETS: FEB 10-APRIL 21

CLS RM STRAT NUTR ED FS HN 546X 3 CREDITS
Prereq: SENIOR OR GRADUATE STUDENT STATUS
9711600 XW ARRANGED BASILLER E
MEETS: JAN 13-MAY 9
Note: CONTACT TSHELBA KITLANY FOR PERMISSION TO REGISTE
AT 515-294-7295/TRILAND@IASTATE.EDU.
Tuition Category: GPIDEA Consortium
Section XW is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium

DIE TEC INTERNSH I FS HN 554 5 CREDITS
Prereq: FOR STUDENTS ENROLLED IN THE DIETETIC
INTERNSHIP PROGRAM ONLY
3050600 XW ARRANGED ANDERSON J
Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTE
AT 515-294-116/JANDERSO@IASTATE.EDU.
Instructor permission required.
Section XW is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium
FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

DIETETIC INTERNSH II   FS HN 555   4 CREDITS
Prereq: CONCURRENT ENROLLMENT OR SUCCESSFUL
COMPLETION OF FS HN 554
3056000 XW ARRANGED   ANDERSON J
Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER
AT 515-294-7316/ANDERSON@IASTATE.EDU.
Instructor permission required.
Section XW is off campus
Course delivery is WWW

FOOD PROCESSING II   FS HN 572   3 CREDITS
Prereq: FS HN 551 OR A E 451 OR CH E 357.
5600055 MW 9:00-9:50   LAMSAL B
F 9:00-11:50   JUNG S
MEETS: JAN 13-MAY 9

SEMINAR   FS HN 581   1 CREDIT
Satisfactory-Fail Only.
7974005 T 11:00-11:50   CLARK S
MEETS: JAN 13-MAY 9

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

NUTRI ASPECT ONCOLOGY   FS HN 597X   3 CREDITS
Prereq: B.S. IN NUTRITION, DIETETICS, BIOLOGY,
OR RELATED DISCIPLINE.
9712005 1 ARRANGED
MEETS: JAN 13-MAY 9
Note: Course delivery is WWW
CREATIVE COMPONENT   FS HN 599   VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

LIPID CHEM &APPLICA   FS HN 612   3 CREDITS
Prereq: FS HN 311 OR FS HN 411 OR FS HN 502 OR
3682005 MW 9:00-9:50   WANG T
MEETS: JAN 13-MAY 9

RAPID MTH FD MICROB   FS HN 627   2 CREDITS
Prereq: FS HN 420 OR FS HN 421 OR FS HN 504
8350005 MW 1:10-2:00   BREHM-STECHER B
8350600 XF ARRANGED   BREHM-STECHER B
MEETS: JAN 13-MAY 9
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT LYOUNG@IASTATE.EDU.
Section XF is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium
8350605 XF ARRANGED   BREHM-STECHER B
MEETS: JAN 13-MAY 9
Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
AT LYOUNG@IASTATE.EDU.
Section XF is off campus
Course delivery is WWW
Tuition Category: GPIDEA Consortium
8350610 XF ARRANGED   BREHM-STECHER B
MEETS: JAN 13-MAY 9
Note: Section XF is off campus
Course delivery is WWW

SEMINAR   FS HN 681   1 CREDIT
3648005 W 4:10-5:00   HOLLIS J
MEETS: JAN 13-MAY 9

SEMINAR REFLECTION   FS HN 682   R CREDIT
Satisfactory-Fail Only.
9178005 1 W 4:10-5:00   ROLWING M
MEETS: JAN 13-MAY 9

SPECIAL PROBLEMS   FS HN 690   VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
RESRCH FOOD SCI/TEC   FS HN 699   VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

WOOD PROPERTIES &ID   FOR 280   4 CREDITS
1420005 A TR 9:30-10:50   STORKE D
T 10:00-11:50   STORKE D
MEETS: JAN 13-MAY 9

PESTICIDE APPL CERT   FOR 283   2 CREDITS
5219005 A MW 2:10-3:00   HOLSCHER K
MEETS: JAN 13-MAY 9

SPL PROB LEADERSHIP   FOR 290A   1-4 CREDITS
Prereq: FROSH OR SOGR CLASSIF, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS
SPL PROB ECO SYS MGT   FOR 290B   1-4 CREDITS
Prereq: FROSH OR SOGR CLASSIF, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS
SPL PROB WOOD SCIEN   FOR 290E   1-4 CREDITS
Prereq: FROSH OR SOGR CLASSIF, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS
SPL PROB URB/COMMUN   FOR 290D   1-4 CREDITS
Prereq: FROSH OR SOGR CLASSIF, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS
SPL PROB URB/COMMUN   FOR 290C   1-4 CREDITS
Prereq: FROSH OR SOGR CLASSIF, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS
SPL PROB URB/COMMUN   FOR 290B   1-4 CREDITS
Prereq: FROSH OR SOGR CLASSIF, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS
SPL PROB URB/COMMUN   FOR 290A   1-4 CREDITS
Prereq: FROSH OR SOGR CLASSIF, INSTRUCTOR PERMISSION
******* SEE DEPT FOR REFERENCE NUMBERS

SILVICULTURE   FOR 302   3 CREDITS
Prereq: FOR 201
Note: Available for nonmajor graduate credit
3718005 A MF 2:10-3:00   HALL R
W 2:10-3:00   HALL R
MEETS: JAN 13-MAY 9

FOREST HERBAC LAYER   FOR 358X   1 CREDIT
Prereq: BIOL 212
9574005 M 11:00-2:00   McMULLEN C
MEETS: MARCH 10-MAY 9

FOREST RESOURC ECON   FOR 451   4 CREDITS
Prereq: FOR 203, MATH 150
Note: Available for nonmajor graduate credit
3731005 A MW 10:00-10:50   TYNDALE J
M 3:30-6:00PM   TYNDALE J
MEETS: JAN 13-MAY 9

ECOSYSTEM MANAGMNT   FOR 452   3 CREDITS
Prereq: JUNIOR CLASSIFICATION, NREM 301 OR
A ECL 312
Note: Available for nonmajor graduate credit
3732005 MW 11:10-2:00   SCHULTE-MOORE L
MEETS: JAN 13-MAY 9

FORESTRY PRACTICUM   FOR 454   3 CREDITS
Prereq: 20 CREDITS IN STUDENT'S MAJOR AT
300 LEVEL OR ABOVE
Note: Available for nonmajor graduate credit
3734005 A F 2:10-3:00   SCHULTZ R
MN 8:00-9:30   SCHULTZ R
MEETS: JAN 13-MAY 9

DRYING WOOD & IGNICE   FOR 486   3 CREDITS
Prereq: FOR 280 OR TSM 240
Note: Available for nonmajor graduate credit
3738005 ARRANGED   STORKE D
MEETS: JAN 13-MAY 9

Note: Materials and equipment use fee $50.00

PHYSCL PROP OF WOOD   FOR 487   4 CREDITS
Prereq: FOR 280
Note: Available for nonmajor graduate credit
3724005 MN 11:00-11:50   KUDO M
M 3:10-6:00PM   KUDO M
MEETS: JAN 13-MAY 9

CR COMP FOR BIOLOGY   FOR 599A   1-12 CREDITS
Prereq: Instructor permission required
******* SEE DEPT FOR REFERENCE NUMBERS
CR COMP FOR BIOMTRY   FOR 599B   1-12 CREDITS
Prereq: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
CR COMP FOR AGREC ECON   FOR 599C   1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS
CR COMP FOR MGT & ADM   FOR 599D   1-12 CREDITS
Note: Instructor permission required 1st week.


FORESTRY

CARTOGRAPHER WOOD SCIENCE FOR 599E 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR FOR 696 1 CREDIT
Satisfactory-Fail Only
8834005 W 4:10-5:30 MEETS: JAN 13-MAY 9

FOREST BIOLOGY RESEARCH FOR 699A 1-12 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

FOREST BIOLOGY RESEARCH FOR 699B 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

FOREST BIOLOGY RESEARCH FOR 699C 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RESEARCH FOR 699E 1-12 CREDITS
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTARY FRENCH II FOR 102 4 CREDITS
Prereq: FRENCH 101
Note: Students who have completed 3 or more yrs of high school French may not enroll in 102.

INTERMEDIATE FRENCH II FOR 202 4 CREDITS
Prereq: FRENCH 201
Note: Meets international perspectives reqmt

READ WRITING FRENCH FOR 302 3 CREDITS
Prereq: FRENCH 301

FRANÇAISE FOR 370F 3 CREDITS
Note: Topic: French and Francophone culture. Spring 2014

FRENCH CIVILIZATION FOR 476 3 CREDITS
Note: Available for nonmajor graduate credit

INDEPENDENT STUDY FOR 490 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR OR DEPT CHAIR
Note: No more than 9 credits in FRENCH 490 may be applied toward graduation in the major.
Permission of department chair required.
******* SEE DEPT FOR REFERENCE NUMBERS

FRENCH INTERNSHIP FOR 499 1-3 CREDITS
Prereq: 9 credits of French at the 300 level; Permission of advisor and WLC internship coord. Work experience using French language skills in public/ private sector.
Note: Credit in FRENCH 499 may only apply toward graduation in the major.

SPL TOPIC FOR 599D 2-4 CREDITS
Prereq: PERMISSION OF DEPT OR INSTRUCTOR
Note: Permission of department chair required.
2401005 ARRANGED MEETS: JAN 13-MAY 9

GENETICS

COOPERATIVE EDUCATION GEN 298 R CREDIT
Prereq: PERMISSION OF DEPT OF COOPERATIVE EDUCATION
4225005 ARRANGED MEETS: JAN 13-MAY 9

PRINCIPLES OF GENETICS GEN 313 3 CREDITS
Prereq: BIOL 211 & BIOL 212L, CREDIT OR ENROLLMENT IN ORGANIC CHEMISTRY
Note: Credit for only one of the following may be applied toward graduation: GEN 260, GEN/BIOL 313 AND 313L, GEN/AGRON 320
9559005 1 MWF 12:10-1:00 MEETS: JAN 13-MAY 9

GENETICS LABORATORY GEN 313L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN BIOL 313
Note: Credit for only one of the following may be applied toward graduation: GEN 260, GEN/BIOL 313 AND 313L, GEN/AGRON 320
9560005 1 M 9:00-10:20 MEETS: JAN 13-MAY 9
9560010 2 M 11:00-12:30 MEETS: JAN 13-MAY 9
9560015 3 M 3:10-4:30 MEETS: JAN 13-MAY 9
9560020 4 M 5:10-6:30 MEETS: JAN 13-MAY 9
9560025 5 M 5:10-6:30 PM MEETS: JAN 13-MAY 9
9560030 6 TR 1:10-2:30 MEETS: JAN 13-MAY 9
9560035 7 TR 3:10-4:30 MEETS: JAN 13-MAY 9
9560040 8 TR 5:10-6:30 PM MEETS: JAN 13-MAY 9
9560045 9 TR 10:40-11:50 MEETS: JAN 13-MAY 9
9560050 10 TR 9:00-10:20 MEETS: JAN 13-MAY 9

GENETICS, AGRICULTURAL AND BIOENGINEERING GEN 320 3 CREDITS
Prereq: BIOL 212
Note: Credit for only one of the following may be applied toward graduation: GEN 260, GEN/BIOL 313 AND 313L, GEN/AGRON 320
3539005 TR 8:00-9:20 SALAS-FERNANDEZ MEETS: JAN 13-MAY 9

HUMAN GENETICS GEN 340 3 CREDITS
Prereq: BIOL 313 OR GEN 313
3794005 TR 11:00-12:30 GIRTON J MEETS: JAN 13-MAY 9
3794600 WK ARRANGED GIRTON J MEETS: JAN 13-MAY 9
Note: Section 9W is off campus
Course delivery is WWW
Cmptr reqmt: http://agoline.iaastate.edu/resources/computer-requirements

GENOME PRSPECTIVE BIOL GEN 349X 2 CREDITS
Prereq: GEN 313 OR GEN 320
9690005 TR 3:40-4:30 MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATION GEN 398 R CREDIT
Prereq: PERMISSION OF DEPT OF COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4262005 ARRANGED MEETS: JAN 13-MAY 9

ANALYTICAL GENETICS GEN 410 3 CREDITS
Note: Available for nonmajor graduate credit
3833005 TR 11:00-12:30 MEETS: JAN 13-MAY 9

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

GENETICS RESEARCH GEN 490R 1-5 CREDITS
Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS
GENETICS

(Continued)

ATTEND&CRITQ SEMNR GEN 490S 1 CREDIT
Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
of Instructor.
Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN
6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS
REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
Satisfactory-Fail Only.

****** SEE DEPT FOR REFERENCE NUMBERS

LAB TCHG EXPERIENCE GEN 490U 1–2 CREDITS
Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
of Instructor.
Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN
6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS
REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD GRADUATION.
Satisfactory-Fail Only.

****** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEN 491 1 CREDIT
Prereq: JUNIOR CLASSIFICATION
3837005 A MWF 1:10-2:00
MEETS: JAN 13–MAY 9
COOPERATIVE EDUC GEN 498 R CREDIT
Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
COORDINATOR; SENIOR CLASSIFICATION
4281005 ARRANGED
MEETS: JAN 13–MAY 9

GENETICS - INTERDISCIPLINARY

ETHICS &BIOLOGICAL SCI GENET 539 2 CREDITS
Prereq: GRADUATE CLASSIFICATION OR PERMISSION
of Instructor.
9221005 T 11:00-11:50
MEETS: JAN 13–MAY 9

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

GRAD STU SEMNR GENE GENET 690 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
9682005 T 11:00-11:50
MEETS: JAN 13–MAY 9

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
9360005 SR ARRANGED
MEETS: JAN 13–MAY 9

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

GENETICS, DEVELOPMENT & CELL BIOL

MOLECULAR GENETICS GDCB 511 3 CREDITS
Prereq: BIOL 313 AND RBMB 405
2943005 MWF 9:00-9:50
MEETS: JAN 13–MAY 9

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
7089005 TR 1:10-2:00
MEETS: JAN 14–FEB 13

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
7092005 TR 1:10-2:00
MEETS: FEB 18–MARCH 27

INTRO CELL TECHNIQS GDCB 542C 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
7096005 TR 1:10-2:00
MEETS: APRIL 1–MAY 1

INTR METABLMC TCNQ GDCB 542F 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
9034005 M 11:00-4:00, ARRANGED
MEETS: FEB 10–APRIL 21

ADV GENOME INFORMT GDCB 568 3 CREDITS
Prereq: BCB 567, RBMB 301, BIOL 315, STAT 410,
CREDIT OR ENROLLMENT IN GEN 411
5576005 TR 9:30-10:50
MEETS: JAN 13–MAY 9

GENETICS, DEVELOPMENT & CELL BIOL (Continued)

COMP FUNC GENOM&BIO GDCB 570 3 CREDITS
Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
5577005 TR 12:40-2:00
MEETS: JAN 13–MAY 9

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

CURR TOPICS NEUROBIO GDCB 661 2–3 CREDITS
Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR
7140005 ARRANGED
MEETS: JAN 13–MAY 9

SEMINAR IN GDCB GDCB 690 1 CREDIT
Satisfactory-Fail Only.
7142005 M 4:10-5:00
MEETS: JAN 13–MAY 9

RESEARCH SEMINAR GDCB 696 1 CREDIT
Satisfactory-Fail Only.
8832005 W 4:10-5:30
MEETS: JAN 13–MAY 9

SEMN MOLEC,C,DV BIO GDCB 698 1–2 CREDITS
Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2013.
3856005 M 3:10-5:00
MEETS: JAN 13–MAY 9

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

GEOL

THE EARTH GEOL 100 3 CREDITS
3870005 A MW 11:00-11:50
MEETS: JAN 13–MAY 9
3870010 B MW 10:00-10:50
MEETS: JAN 13–MAY 9

THE EARTH: LAB GEOL 100L 1 CREDIT
7595005 T 10:00-11:50
MEETS: JAN 13–MAY 9
7595010 2 T 11:00-3:00
MEETS: JAN 13–MAY 9
7595015 3 T 11:00-3:00
MEETS: JAN 13–MAY 9
7595020 4 T 10:00-11:50
MEETS: JAN 13–MAY 9

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS
7596005 A MW 10:00-10:50
CAISSIE B
MEETS: JAN 13–MAY 9
7596600 XR ARRANGED
ANKERSTJERNE S
MEETS: JAN 13–MAY 9

Note: Section XR is off campus
Course delivery is WWW

HISTORY OF EARTH GEOL 102 3 CREDITS
3874005 A MW 11:00-2:00
HASIUK F
MEETS: JAN 13–MAY 9

HIST OF EARTH: LAB GEOL 102L 1 CREDIT
7597005 1 R 3:10-5:00
MEETS: JAN 13–MAY 9
7597010 2 T 3:10-5:00
MEETS: JAN 13–MAY 9

EARTHSPACE FOR EL ED GEOL 106 2 CREDITS
8465005 ARRANGED
CERVATO C
MEETS: JAN 13–MAY 9
Note: Course delivery is WWW

EARTHSPACE SCI LAB GEOL 106L 1 CREDIT
Prereq: MAJOR IN ELEMENTARY OR EARLY CHILDHOOD
ED
8582005 3 R 3:10-5:00
MEETS: JAN 13–MAY 9
8582010 2 M 11:00-3:00
MEETS: JAN 13–MAY 9

GEOLOGIC DISASTERS GEOL 111 1 CREDIT
9152005 TR 9:30-10:30
ANKERSTJERNE S
MEETS: MARCH 10–MAY 9
9152600 XR ARRANGED
HARDING C
MEETS: JAN 13–MAY 9
Note: Section XR is off campus
Course delivery is WWW
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Instructor</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>3241005</td>
<td>MWF 9:00-9:50</td>
<td>FRANZ K</td>
<td>World Water Resources</td>
<td>3</td>
<td>GEOL 160</td>
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<tr>
<td>4828005</td>
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<td>Independent Study</td>
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<td>GEOL 290, 2-4 CREDITS</td>
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<td>3045005</td>
<td>MWF 11:00-11:50</td>
<td>SIMPKINS W</td>
<td>Cooperative Education</td>
<td>1</td>
<td>GEOL 100 OR GEOL 201, GEOL 102, GEOL 102L, GEOL 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR; SOPH CLASSIFICATION</td>
</tr>
<tr>
<td>3882005</td>
<td>A MWF 9:00-9:50</td>
<td>JACOBSON C</td>
<td>Structural Geology</td>
<td>3</td>
<td>GEOL 356</td>
</tr>
<tr>
<td>3064005</td>
<td>MW 2:10-3:00</td>
<td>SIMPKINS W</td>
<td>Petrology</td>
<td>3</td>
<td>GEOL 365</td>
</tr>
<tr>
<td>3883005</td>
<td>MW 3:10-4:00</td>
<td>DANSON J</td>
<td>Cooperative Education</td>
<td>3</td>
<td>GEOL 398</td>
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<td>3048005</td>
<td>MWF 10:00-10:50</td>
<td>B.BERESNEV</td>
<td>Energy and the Environment</td>
<td>3</td>
<td>GEOL 324</td>
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<td>3064005</td>
<td>MW 3:10-4:00</td>
<td>SIMPKINS W</td>
<td>Structural Geology</td>
<td>3</td>
<td>GEOL 414</td>
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<tr>
<td>3048005</td>
<td>TR 9:30-10:50</td>
<td>WANAMAKER A</td>
<td>Stable Isotopes and Environments</td>
<td>3</td>
<td>GEOL 526</td>
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<td>6248005</td>
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<td>Explorat Seismology</td>
<td>3</td>
<td>GEOL 557</td>
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<td>6248005</td>
<td>ARRANGED</td>
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<td>Undergraduate Seminar</td>
<td>1-4</td>
<td>GEOL 490</td>
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<td>8231005</td>
<td>F 4:10-6:00PM</td>
<td>HASIUK F</td>
<td>Cooperative Education</td>
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<td>GEOL 495</td>
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<td>3115005</td>
<td>MW 2:10-3:00</td>
<td>SIMPKINS W</td>
<td>Cooperative Education</td>
<td>3</td>
<td>GEOL 514</td>
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<td>TR 9:30-10:50</td>
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<td>Stable Isotopes and Environments</td>
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<td>Independent Study</td>
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<td>F 4:10-6:00PM</td>
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<td>8219005</td>
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<td>8220005</td>
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<td>8220005</td>
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<td>HASIUK F</td>
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<td>GEOL 595</td>
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</table>
GEOLOGY (CONTINUED)

ADV SEM EARTH MTRLS GEOL 610A 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7605005 ARRANGED
MEETS: JAN 13-MAY 9

ADV SEM ECONOM GEOL GEOL 610B 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7609005 ARRANGED
MEETS: JAN 13-MAY 9

ADV SEM GEOTECTONIC GEOL GEOL 610E 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7606005 ARRANGED
MEETS: JAN 13-MAY 9

ADV SEM HYDROGEOLOGY GEOL GEOL 610F 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7604005 ARRANGED
MEETS: JAN 13-MAY 9

ADV SEM SURFIC PROC GEOL GEOL 610G 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
7608005 ARRANGED
MEETS: JAN 13-MAY 9

ADV SEM PALEOECO@CLIMAT GEOL GEOL 610I 1-3 CREDITS
Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
6710005 ARRANGED
MEETS: JAN 13-MAY 9

RES SURFICIAL PROC GEOL GEOL 699A VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RESCH STRATIGRAPHY GEOL GEOL 699B VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEDIMENTATION GEOL GEOL 699C VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RESCH PALEONTOLOGY GEOL GEOL 699D VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

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

RES STRUCTURAL GEOL GEOL GEOL 699F VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RESCH GEOCHEMISTRY GEOL GEOL 699G VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RESCH HYDROGEOLOGY GEOL GEOL 699H VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RSRCH EARTH SCIENCE GEOL GEOL 699I VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RES MINERAL RESOURC GEOL GEOL 699J VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS GEOL GEOL 699K VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY GEOL GEOL 699L VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

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

RES PALEOECO@CLIMAT GEOL GEOL 699N VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM GEOL GEOL 699O VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CMPUT METHADS GEOL GEOL 699P VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

RES SURF HYDROLOGY GEOL GEOL 699R VAR. CREDITS
******** SEE DEPT FOR REFERENCE NUMBERS

GERMAN (CONTINUED)

INTERMED GERMAN II GER 202 4 CREDITS
Prereq: GER 201
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
BUSINESS EMPIRIS
Meets international perspectives reqmt
3954005 1 MTWR 10:00-10:50
MEETS: JAN 13-MAY 9
3954010 2 MTWR 11:00-11:50
MEETS: JAN 13-MAY 9
3954015 3 MTWR 1:10-2:00
MEETS: JAN 13-MAY 9

COMPOSITION GER 302 3 CREDITS
Prereq: GER 202
Note: Meets international perspectives reqmt
3956005 1 TR 9:30-10:10
MEETS: JAN 13-MAY 9

CONVERSATION CITY EUR GER 305 3 CREDITS
Prereq: GER 202, GER 301 RECOMMENDED
Note: Meets international perspectives reqmt
8405005 1 MWF 12:10-1:00
MEETS: JAN 13-MAY 9

GERMAN TODAY GER 320 3 CREDITS
Prereq: GER 301 OR GER 304
Note: Meets international perspectives reqmt
3792005 1 MT 3:10-4:30
MEETS: JAN 13-MAY 9

GER FILM & MEDIA STDI GER 378 3-4 CREDITS
Prereq: SOPHOMORE CLASSIFICATION, FOR 4TH CREDIT,
6 CREDITS IN GERMAN AT THE 300 LEVEL.
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014.
Meets international perspectives reqmt
7140005 T 6:10-9:00PM
MEETS: JAN 13-MAY 9

TOPICS GER CULTUR ST GER 476 3-4 CREDITS
Prereq: SOPHOMORE CLASSIFICATION, FOR 4TH CREDIT,
6 CREDITS IN GERMAN AT THE 300 LEVEL OF COURSES
INSTRUCTED BY GERMAN
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014.
Available for a maximum of 3 credits
3958005 1 TR 2:10-3:30
MEETS: JAN 13-MAY 9
3958020 2 TR 2:10-3:30, ARRANGED
MEETS: JAN 13-MAY 9

INDEPENDENT STUDY GER 490 1-6 CREDITS
Note: NO MORE THAN 9 CREDITS IN GERMAN 490 MAY BE APPLIED TOWARD GRADUATION
Prereq: PERMISSION OF DEPARTMENT CHAIR
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY GER 490 1-6 CREDITS
Prereq: 6 CR IN GERMAN; PERMISSION OF DEPT CHAIR
Note: NO MORE THAN 9 CREDITS IN GERMAN 490 MAY BE APPLIED TOWARD GRADUATION
Prereq: PERMISSION OF DEPARTMENT CHAIR
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY GER 490 1-6 CREDITS
Prereq: 6 CR IN GERMAN; PERMISSION OF DEPT CHAIR
Note: NO MORE THAN 9 CREDITS IN GERMAN 490 MAY BE APPLIED TOWARD GRADUATION
Prereq: PERMISSION OF DEPARTMENT CHAIR
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY GER 490 1-6 CREDITS
Prereq: 6 CR IN GERMAN; PERMISSION OF DEPT CHAIR
Note: NO MORE THAN 9 CREDITS IN GERMAN 490 MAY BE APPLIED TOWARD GRADUATION
Prereq: PERMISSION OF DEPARTMENT CHAIR
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP GER CIVILSTN GER 590D 2-4 CREDITS
Prereq: PERMISSION OF THE INSTRUCTOR; 6 CREDITS
OF 400-LEVEL GERMAN
2412005 ARRANGED
MEETS: JAN 13-MAY 9

GERONTOLOGY

DEATH PART OF LIVING GERON 373 3 CREDITS
8516005 TR 3:40-5:00
MEETS: JAN 13-MAY 9

8516600 XW ARRANGED SAMPLE G
MEETS: JAN 13-MAY 9

Note: Section XW is on campus
Course delivery is WWW

RETIRERED PLN&BENEFITS GERON 378 3 CREDITS
Prereq: 3 CR IN PRINCIPLES OF ECON; 3 CR IN HD FS
Note: Meets U.S. diversity reqmt
8564005 MWF 12:10-1:00
MEETS: JAN 13-MAY 9

ENVIR FOR THE AGING GERON 463 3 CREDITS
Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH,
INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
Note: Meets U.S. diversity reqmt
9003005 TR 11:00-12:15
MEETS: JAN 13-MAY 9
GERONTOL PREREQ SEM GERON 466 1 CREDIT
Prereq: 9 CR IN CORE COURSES FOR THE GERON MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR
7869005 ARRANGED MEETS: JAN 13–MAY 9

GERONTOL PRACTICUM GERON 467 3–6 CREDITS
Prereq: GERON 466, ADVANCE RESERVATION
Satisfactory-Fail Only.
7870005 ARRANGED MEETS: JAN 13–MAY 9

INDEPENDENT STUDY GERON 490 VAR. CREDITS
3052005 ARRANGED MEETS: JAN 13–MAY 9

SEM: BIOL PRIN AGING GERON 501B 3 CREDITS
9701600 XF ARRANGED VANMETER K
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMDT@I STATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS. Meets U.S. diversity reqmt Section XF is off campus Course delivery is WWW Tuition Category: GPIDEA Consortium
9701605 XF ARRANGED VANMETER K
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMDT@I STATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS. Section XF is off campus Course delivery is WWW Tuition Category: GPIDEA Consortium

SEM: MNTL HLTHAGING GERON 501E 3 CREDITS
9702600 XG ARRANGED MEETS: JAN 21–MAY 16
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMDT@I STATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS. Course delivery is WWW Section XG is off campus Course delivery is WWW Tuition Category: GPIDEA Consortium

SURV OF GERONTOLOGY GERON 510 1–3 CREDITS
3053005 ARRANGED MEETS: JAN 13–MAY 9

ADULT DEVELOPMENT GERON 534 3 CREDITS
2631605 XG ARRANGED MEETS: JAN 21–MAY 8
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMDT@I STATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS. Course delivery is WWW Section XG is off campus Course delivery is WWW Tuition Category: GPIDEA Consortium

ENVIR FOR THE AGING GERON 563 3 CREDITS
Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH, INTARIA DESIGN, REHABILITATION, PSYCH OR HD FS
Note: Meets U.S. diversity reqmt
3807005 TR 11:00–12:15
MEETS: JAN 13–MAY 9
3807600 XG ARRANGED MEETS: JAN 21–MAY 16
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMDT@I STATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS. Meets U.S. diversity reqmt Section XG is off campus Course delivery is WWW Tuition Category: GPIDEA Consortium

AGING IN FAMILY SETT GERON 577 3 CREDITS
9070005 R 9:50–11:40
MEETS: JAN 13–MAY 9
9070660 XG ARRANGED MEETS: JAN 21–MAY 8
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMDT@I STATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-GERON PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS. Tuition Category: GPIDEA Consortium Section XG is off campus Course delivery is WWW Tuition Category: GPIDEA Consortium

EVALUAT MTHD GERON 584 3 CREDITS
8321600 WX ARRANGED MEETS: JAN 13–MAY 9
Note: Section WX is off campus Course delivery is WWW

SPECIAL TOPICS - GERON 590 VAR. CREDITS
3059005 ARRANGED MEETS: JAN 13–MAY 9

GLOBAL RESOURCE SYSTEMS

GLOBAL RESOURCE SYS GLOBE 201 3 CREDITS
6635005 TR 9:30–10:50
MEETS: JAN 13–MAY 9
ISSU GLBL RSRC SYS GLOBE 211 1–3 CREDITS
Prereq: CREDIT EMBRONG IN GLOBE 201
Note: NO MORE THAN 3 CREDITS OF GLOBE 211 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
Satisfactory-Fail Only.
6651005 1 R 3:40–5:00
MEETS: JAN 13–MAY 9
6651010 2 T 3:40–5:00
MEETS: JAN 14–MAY 25

GLOBALIZTN &SUSTAINB GLOBE 220 3 CREDITS
Prereq: IT SC/ANTHR/ENV 3/GLOBE/MAT E/M/E/SOC 220
Note: COURSE RESTRICTED TO GLOBE MAJORS ONLY OR APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
8751000 1 MTW 11:00–11:50
MEETS: JAN 13–MAY 9

APPRENTICESHIP GLOBE 221 1 R CREDIT
Satisfactory-Fail Only.
6652005 ARRANGED MEETS: JAN 13–MAY 9
Note: Instructor permission required.

INDEPENDENT STUDY GLOBE 290 1–2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR

INDP STUDY HONORS GLOBE 290H 1–2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
8852005 ARRANGED MEETS: JAN 13–MAY 9

RSRCE SYS INDU NATN GLOBE 301 3 CREDITS
GLOBE 201, ECON 101 OR ECON 102
Note: COURSE RESTRICTED TO GLOBE MAJORS ONLY OR PERMISSION OF INSTRUCTOR
6658005 TR 12:40–2:00
MEETS: JAN 13–MAY 9

GLB SYS INTERN PREP GLOBE 320X 1 CREDIT
5201005 W 4:10–5:00
MEETS: JAN 13–MAY 9

INTERNSHIP - GLOBAL GLOBE 321 3–6 CREDITS
Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR; INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
Satisfactory-Fail Only.
8864005 ARRANGED MEETS: JAN 13–MAY 9
Note: Instructor permission required.
GLOBAL RESOURCE SYSTEMS  (CONTINUED)

ECONOMIC DEVELOPMENT GLOBE 385 3 CREDITS
Prereq: ECON 101, ECON 102
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
3230005 1 TR 12:40-2:00  LUVAGA E
MEETS: JAN 13-MAY 9

SENIOR PROJECT GLOBE 401 3 CREDITS
Prereq: SENIOR CLASSIFICATION IN GLOBE
6799005  ARRANGED
MEETS: JAN 13-MAY 9

GLBE SR PROJ HONORS GLOBE 401H 3 CREDITS
8914005  MEETS: JAN 13-MAY 9

INDEPENDENT STUDY GLOBE 490A 1- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
********
SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ENTREPREN GLOBE 490E 1- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE
APPLIED TOWARD GRADUATION
8687005  ARRANGED
MEETS: JAN 13-MAY 9

INDEP STUDY HONORS GLOBE 490H 1- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE
APPLIED TOWARD GRADUATION
6817005  ARRANGED
MEETS: JAN 13-MAY 9

SERVICE LEARN INT'L GLOBE 4902 1- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 4 CREDITS OF GLOBE 4902 MAY BE
APPLIED TOWARD GRADUATION
6823005  ARRANGED
MEETS: JAN 13-MAY 9

SERVC LRNG DOMESTIC GLOBE 494B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
3604005  ARRANGED
MEETS: JAN 13-MAY 9

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS
6903005  ARRANGED
MEETS: JAN 13-MAY 9

GRADUATE STUDIES

PREP PUBLISHL THSIS GR ST 529X 3 CREDITS
Prereq: PUBLISHERABLE STUDENT-GENERATED RESULTS
FROM ORIGINAL RESEARCH
9450005  W 2:10-3:30  MEETS: JAN 13-MAY 9

RSPBL RSRCH CONDUCT GR ST 565 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
7866005 1 W 11:00-11:50
MEETS: JAN 13-MAY 9
7866010 2 W 5:10-6:00PM  MEETS: JAN 13-MAY 9
7866015 3 W 2:10-3:00  MEETS: JAN 13-MAY 9
7866020 4 R 11:00-2:00  MEETS: JAN 13-MAY 9

PREP FUTR FAC SM II GR ST 586 1- 3 CREDITS
Prereq: ADMISSION INTO PFP PROGRAM; COMPLETION
OF GR ST 585 OR PERMISSION OF INSTRUCTOR
7033005  T 3:10-6:00PM  BENDER H
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

PREP FAC TCHG PRACT GR ST 587 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,
CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586
7679005  ARRANGED  BENDER H
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

GRADUATE STUDIES  (CONTINUED)

PREP FTR FAC SPL TP GR ST 588 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,
CREDIT FOR CONCURRENT ENROLLMENT IN GR ST 586
8341005  ARRANGED  BENDER H
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

EXAMINATION ONLY GR ST 600 R CREDIT
3972005  ARRANGED
MEETS: JAN 13-MAY 9

REQUIRED ENROLLMENT GR ST 601 R CREDIT
Note: College permission required.
4482005  ARRANGED
MEETS: JAN 13-MAY 9

DOC PRELIM REGISTRA GR ST 680 R CREDIT
7349005  ARRANGED
MEETS: JAN 13-MAY 9

PRACTICAL TRAINING GR ST 697 R CREDIT
6905005  ARRANGED
MEETS: JAN 13-MAY 9

GRAPHIC DESIGN

GRAPH DSGN STUDIO II ARTGR 271 3 CREDITS
Prereq: ART 230, ARTGR 270, ARTGR 275 AND
ENROLLMENT IN ARTGR 276
Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS
ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
Instructor permission required 1st week.
1786005  A MWF 8:00-9:50
MEETS: JAN 13-MAY 9
1786010  B MWF 8:00-9:50
MEETS: JAN 13-MAY 9
1786015  C MWF 8:00-9:50
MEETS: JAN 13-MAY 9
1786020  D MWF 8:00-9:50
MEETS: JAN 13-MAY 9

DG PHOTO FOR GR DSN ARTGR 272 3 CREDITS
Prereq: Concurrent enrollment in ARTGR 270 or
ARTGR 271
Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY. STUDENTS
ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
5292005  A TR 9:00-9:50
MEETS: JAN 13-MAY 9
5292010  B TR 8:00-8:50
TR 9:00-9:50
MEETS: JAN 13-MAY 9
5292015  C TR 8:00-8:50
TR 9:00-9:50
MEETS: JAN 13-MAY 9
5292020  D TR 8:00-8:50
TR 9:00-9:50
MEETS: JAN 13-MAY 9

GRAPHIC TECHNOLOGY II ARTGR 276 2 CREDITS
Prereq: ARTGR 275 and Concurrent Enrollment in
ARTGR 271
Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS
ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
5302005  A TR 9:00-9:50
MEETS: JAN 13-MAY 9
5302010  B TR 8:00-8:50
TR 9:00-9:50
MEETS: JAN 13-MAY 9
5302015  C TR 8:00-8:50
TR 9:00-9:50
MEETS: JAN 13-MAY 9
5302020  D TR 8:00-8:50
TR 9:00-9:50
MEETS: JAN 13-MAY 9

GR DSN MTLRS&PROCES ARTGR 372 3 CREDITS
Prereq: ARTGR 370 and ARTGR 387
Note: COURSE RESTRICTED TO ARTGR MAJORS.
5448005  ARRANGED
MEETS: JAN 13-MAY 9

GRAPH DSN INTERM SEM ARTGR 377 1 CREDIT
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR
370 OR ARTGR 377
Note: Instructor permission required 1st week.
5737005  A T 11:00-11:50  MEETS: JAN 13-MAY 9
GRAPHIC DESIGN (CONTINUED)

GR DSN HIST, CRIT II ARTGR 388 3 CREDITS
Prereq: ARTGR 387 OR ART H 281 AND DSN II 183
Note: Course delivery is WWW.
Instructor permission required 1st week.
9451005 MW 11:10-2:00
MEETS: JAN 13–MAY 9

GRAPHIC DSN FIELD STU ARTGR 391 1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN 300 OR 400 LEVEL GRAPHIC DESIGN STUDIO COURSE
Satisfactory-Fail Only.
7522005
ARRANGED
MEETS: JAN 13–MAY 9
Note: Instructor permission required.

GRAPHIC DSN CAPSTONE ARTGR 471 5 CREDITS
Prereq: ARTGR 470 OR PERMISSION OF INSTRUCTOR
1645005 A TR 10:00–4:00 BAER R
ARRANGED
MEETS: JAN 13–MAY 9
1645010 B TR 10:00–4:00 BRUSKI P
ARRANGED
MEETS: JAN 13–MAY 9
1645015 C TR 10:00–4:00 BRAINTWOOD A
ARRANGED
MEETS: JAN 13–MAY 9
1645020 D TR 10:00–4:00 QUAM A
ARRANGED
MEETS: JAN 13–MAY 9

GRAPH DSN PRACTICUM ARTGR 477 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR 371, ARTGR 470, OR ARTGR 482; PORTFOLIO REVIEW AND PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO ARTGR MAJORS.
7866005 MW 2:10–5:00
MEETS: JAN 13–MAY 9

WEB DSN E-COMMERCE ARTGR 478 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370 OR ARTGR 371, ARTGR 470 OR ARTGR 482
Note: COURSE RESTRICTED TO ARTGR MAJORS.
1912005 MW 2:10–5:00
MEETS: JAN 13–MAY 9

WAYFINDING DESIGN ARTGR 479 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370, ARTGR 371, ARTGR 470 OR ARTGR 482
Note: COURSE RESTRICTED TO ARTGR MAJORS
1891005 MW 2:10–5:00
MEETS: JAN 13–MAY 9

GRAPH DSN PRO PRACT ARTGR 481 3 CREDITS
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 470
Note: Instructor permission required 1st week.
8243005
MEETS: JAN 13–MAY 9

STUDIES IN GRPH DSN ARTGR 484 1–3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO ARTGR MAJORS. OFFERED FOR 3 CREDITS SPRING 2013
Instructor permission required 1st week.
8261005 A MW 2:10–5:00 CALL A
MEETS: JAN 13–MAY 9
Note: SEC A TOPIC: DIGITAL IMAGING FOR GRAPHIC DESIGN
8261010 B MW 6:10–9:00PM
MEETS: JAN 13–MAY 9
Note: SEC B TOPIC: MOTION AND BROADCAST GRAPHICS

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

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

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

INDEP STUDY HONORS ARTGR 490H 1–5 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS
STUDENTS ONLY.
******* SEE DEPT FOR REFERENCE NUMBERS

GRAPHIC DESIGN (CONTINUED)

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

STUDIES IN GRAPHIC DESIGN BOOKS ARTGR 492 3 CREDITS
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN ARTGR 170 OR ARTGR 371
1994005 MW 6:10–9:00PM
MEETS: JAN 13–MAY 9
Note: MATERIALS, FIELD TRIPS &/OR TRAVEL FEE $25.00–$220.00

WAYFINDING DESIGN ARTGR 499 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN COLLEGE OF DESIGN
Note: COURSE RESTRICTED TO GRADUATE STUDENTS
Instructor permission required 1st week.
1908005 MW 10:00–12:50
MEETS: JAN 13–MAY 9

STUDIES IN GRPH DSN ARTGR 584 1–3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN COLLEGE OF DESIGN
Note: COURSE RESTRICTED TO GRADUATE STUDENTS
Instructor permission required 1st week.
8262005 A MW 2:10–5:00
MEETS: JAN 13–MAY 9

GRAPHIC DSN HIST II ARTGR 588 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: COURSE RESTRICTED TO GRADUATE STUDENTS
1945005 MFN 1:10–2:00
MEETS: JAN 13–MAY 9

DESIGN AND ETHICS ARTGR 589 3 CREDITS
Prereq: INSTRUCTOR PERMISSION OR GRADUATE CLASSIFICATION
4955005 MF 2:10–5:00
MEETS: JAN 13–MAY 9
4955600 XE ARRANGED
MEETS: JAN 13–MAY 9
Note: Section XE is off campus

GTOPICS THRY, CRIT ARTGR 590A VAR. CREDITS
Prereq: GRADUATE CLASSIFICATION, OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED AREA.
WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Note: COURSE RESTRICTED TO GRADUATE STUDENTS
******* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

GRAPH DSN BEHAVR CHG ARTGR 672B 3 CREDITS
Prereq: ARTGR 570, ARTGR 571, AND GRADUATE ENROLLMENT IN COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
4211005 MW 9:00–11:50
MEETS: JAN 13–MAY 9

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

**INDEPENDENT STUDY**

**GREEK 490** 1 - 6 CREDITS

PreReq: 6 CR in GREEK; PERMISSION OF DEAN OF COLLEGE. INDEPENDENT STUDY MAY BE APPLIED TOWARD GRADUATION. PERMISSION OF DEPARTMENT CHAIR REQUIRED.

### HEALTH STUDIES

**1ST AID & EMERG CARE**

**H S 105** 2 CREDITS

PreReq: GRAD ENROLLMENT IN COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR

Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2013.

**RESEARCH - THESIS**

**ARTGR 699** VAR. CREDITS

Note: SEE DEPT FOR REFERENCE NUMBERS

### HUMAN DISEASES

**H S 350** 3 CREDITS

Note: COURSE TO BE TAKEN MINIMUM OF TWO SEMESTERS PRIOR TO KIN 485

### HIGHER EDUCATION

**HIGHER EDUC IN U.S.**

**HG ED 504** 3 CREDITS

PreReq: GRADUATE CLASSIFICATION.

Note: INSTRUCTOR PERMISSION REQUIRED.

**HS 310** 3 CREDITS

Note: SEC 1 RESTRICTED TO KIN H JUNIORS & SENIORS

**HS 375** 11 CREDITS

Note: KIN H JUNIORS & SENIORS ONLY.

**HC 258** 3 CREDITS

Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, KIN H

**HG ED 541** 2 CREDITS

Note: FOR EDUC STUDENTS ONLY - OTHERS BY INSTRUCTOR

**HG ED 599** 1-3 CREDITS

Note: INSTRUCTOR PERMISSION REQUIRED.

**HG ED 699** 1-16 CREDITS

Note: INSTRUCTOR PERMISSION REQUIRED. Satisfactory-Fail Only.

**HG ED 799** 16 CREDITS

Note: FOR EDUC STUDENTS ONLY - OTHERS BY INSTRUCTOR

**HG ED 899** 16 CREDITS

Note: INSTRUCTOR PERMISSION REQUIRED.

**HG ED 999** 16 CREDITS

Note: INSTRUCTOR PERMISSION REQUIRED.
HISTORICAL, PHILOSOPHICAL & COMP ED

HIST OF EDUCUTN U.S.  H P C 588  3 CREDITS
Prereq:  GRADUATE CLASSIFICATION
4065005  T 5:10-8:00PM  MEETS: JAN 13-MAY 9

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

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

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

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

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

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

HISTORY

INTRODUC TO HISTORY HIST 195X  1 CREDIT
Prereq:  CLASSIFICATION AS A HISTORY MAJOR
Note: COURSE RESTRICTED TO HIST MAJORS ONLY.
9223005  W 4:10-5:00PM  MEETS: JAN 13-MAY 9

INTRO WESTERN CIV I HIST 201  3 CREDITS
Note: Meets international perspectives reqmt
4150005  MWF 11:00-11:50  HILL R  MEETS: JAN 13-MAY 9

INTRO WESTERN CIV II HIST 202  3 CREDITS
Note: Meets international perspectives reqmt
4151005  TR 11:00-11:50  ROSS P  MEETS: JAN 13-MAY 9

INTR WESTERN CIV III HIST 203  3 CREDITS
Note: Meets international perspectives reqmt
4152200  TR 11:00-11:50  ROSS P  MEETS: JAN 13-MAY 9
HISTORY

HISTORY (CONTINUED)

INTRO WESTERN CIV II HIST 202 3 CREDITS
4151105 21 MW 1:10-2:00 ANDREWS J
MEETS: JAN 13-MAY 9
4151110 22 MW 1:10-2:00 ANDREWS J
MEETS: JAN 13-MAY 9
4151115 23 MW 1:10-2:00 ANDREWS J
MEETS: JAN 13-MAY 9
4151120 24 MW 1:10-2:00 ANDREWS J
MEETS: JAN 13-MAY 9

MEETS: JAN 13-MAY 9

SURVEY U.S. HIST I HIST 221 3 CREDITS
4155005 MWF 2:10-3:00 POOLEY A
MEETS: JAN 13-MAY 9

SURVEY U.S. HIST II HIST 222 3 CREDITS
4156005 TR 9:30-10:20 WOLTERS T
F 8:00-8:50
MEETS: JAN 13-MAY 9
4156010 2 TR 9:30-10:20 WOLTERS T
F 9:00-9:50
MEETS: JAN 13-MAY 9
4156015 3 TR 9:30-10:20 WOLTERS T
W 8:00-8:50
MEETS: JAN 13-MAY 9
4156020 4 TR 9:30-10:20 WOLTERS T
W 12:10-1:00
MEETS: JAN 13-MAY 9
4156025 5 TR 9:30-10:20 WOLTERS T
R 8:00-8:50
MEETS: JAN 13-MAY 9
4156030 6 TR 9:30-10:20 WOLTERS T
R 11:00-11:50
MEETS: JAN 13-MAY 9
4156035 7 TR 9:30-10:20 WOLTERS T
F 11:00-11:50
MEETS: JAN 13-MAY 9
4156040 8 TR 9:30-10:20 WOLTERS T
F 12:10-1:00
MEETS: JAN 13-MAY 9
4156045 9 MW 10:00-10:50 MCDONNELL L
R 8:00-8:50
MEETS: JAN 13-MAY 9
4156050 10 MW 10:00-10:50 MCDONNELL L
W 12:10-1:00
MEETS: JAN 13-MAY 9
4156055 11 MW 10:00-10:50 MCDONNELL L
R 8:00-8:50
MEETS: JAN 13-MAY 9
4156060 12 MW 10:00-10:50 MCDONNELL L
R 11:00-11:50
MEETS: JAN 13-MAY 9
4156065 13 MW 10:00-10:50 MCDONNELL L
F 8:00-8:50
MEETS: JAN 13-MAY 9
4156070 14 MW 10:00-10:50 MCDONNELL L
F 9:00-9:50
MEETS: JAN 13-MAY 9
4156075 15 MW 10:00-10:50 MCDONNELL L
F 10:00-10:50
MEETS: JAN 13-MAY 9
4156080 16 MW 10:00-10:50 MCDONNELL L
F 11:00-11:50
MEETS: JAN 13-MAY 9

MEETS: JAN 13-MAY 9

MOD WONDERS OF WORLD HIST 285 3 CREDITS
4164005 TR 11:00-12:20 TWINCHELL S
MEETS: JAN 13-MAY 9

AMER POPULAR CULTUR HIST 307 3 CREDITS
3890600 TR 11:00-12:20 BIX A
MEETS: JAN 13-MAY 9

MEETS: JAN 13-MAY 9

MD RN EURO 1450-1789 HIST 318 3 CREDITS
2671005 MW 3:10-4:30 BYARS J
MEETS: JAN 13-MAY 9

ENGLAND 1525-1700 HIST 325 3 CREDITS
4169005 TR 2:10-3:30 GRIFFITHS P
MEETS: JAN 13-MAY 9

MODERN JAPANESE HIS 338 3 CREDITS
4132005 MWF 12:10-1:00 DOBBS C
MEETS: JAN 13-MAY 9

MEETS: JAN 13-MAY 9

HIST LATIN AMER II HIST 341 3 CREDITS
4175005 1 TR 8:00-9:20 ROSS P
MEETS: JAN 13-MAY 9
4175010 2 TR 12:40-2:00 ROSS P
MEETS: JAN 13-MAY 9

HIST AFRICAN AMER I HIST 353 3 CREDITS
4217005 TR 2:10-3:30 HILLIARD K
MEETS: JAN 13-MAY 9

HISTORY OF IOWA HIST 370 3 CREDITS
4222005 MF 3:10-4:00 BREMER J
MEETS: JAN 13-MAY 9

HISTORY OF IOWA HIST 370 3 CREDITS
4236005 MF 11:00-11:50
MEETS: JAN 13-MAY 9

HIST OF AMER WOMEN HIST 386 3 CREDITS
4287000 XW ARRANGED BIX A
MEETS: JAN 13-MAY 9

HIST OF AMER WOMEN HIST 386 3 CREDITS
4193010 2 TR 11:00-12:20 HOLLANDER D
MEETS: JAN 13-MAY 9

HIST OF AMER WOMEN HIST 386 3 CREDITS
4193005 TR 2:10-3:30 HOLLANDER D
MEETS: JAN 13-MAY 9

HIST OF AMER WOMEN HIST 386 3 CREDITS
4190005 MF 10:00-10:50
MEETS: JAN 13-MAY 9

HIST OF AMER WOMEN HIST 386 3 CREDITS
4190005 MF 10:00-10:50 KEHRBERG R
MEETS: JAN 13-MAY 9

HIST OF AMER WOMEN HIST 386 3 CREDITS
4193005 TR 11:00-12:20 HOLLANDER D
MEETS: JAN 13-MAY 9

HIST OF AMER WOMEN HIST 386 3 CREDITS
4190005 MF 9:00-9:50
MEETS: JAN 13-MAY 9

HIST OF AMER WOMEN HIST 386 3 CREDITS
4195005 MF 9:00-9:50
MEETS: JAN 13-MAY 9

HIST OF AMER WOMEN HIST 386 3 CREDITS
7646005 TR 11:00-12:20 HILL K
MEETS: JAN 13-MAY 9

RUSIA SINCE 1850 HIST 422 3 CREDITS
4205005 MF 11:00-11:50 ANDREWS J
MEETS: JAN 13-MAY 9

PUNSHMT ENGL 16-19C HIST 428 3 CREDITS
4193005 MF 11:00-11:50
MEETS: JAN 13-MAY 9

PUNSHMT ENGL 16-19C HIST 428 3 CREDITS
4193010 2 TR 11:00-12:20 HOLLANDER D
MEETS: JAN 13-MAY 9

PUNSHMT ENGL 16-19C HIST 428 3 CREDITS
4193005 MF 9:00-9:50
MEETS: JAN 13-MAY 9

PUNSHMT ENGL 16-19C HIST 428 3 CREDITS
6960005 TR 12:40-2:00 WENIG K
MEETS: JAN 13-MAY 9

CIV RIGHTS& ETH PWR HIST 473 3 CREDITS
4193005 MF 9:00-9:50
MEETS: JAN 13-MAY 9

CIV RIGHTS& ETH PWR HIST 473 3 CREDITS
6813005 TR 9:30-10:50 BEHNKEN B
MEETS: JAN 13-MAY 9

CIV RIGHTS& ETH PWR HIST 473 3 CREDITS
8745005 TR 9:30-10:50 WILLIAMS E
MEETS: JAN 13-MAY 9

CIV RIGHTS& ETH PWR HIST 473 3 CREDITS
4193010 2 TR 12:40-2:00 HOLLANDER D
MEETS: JAN 13-MAY 9

CIV RIGHTS& ETH PWR HIST 473 3 CREDITS
4193005 MF 9:00-9:50
MEETS: JAN 13-MAY 9

CIV RIGHTS& ETH PWR HIST 473 3 CREDITS
6813005 TR 9:30-10:50 BEHNKEN B
MEETS: JAN 13-MAY 9

CIV RIGHTS& ETH PWR HIST 473 3 CREDITS
8745005 TR 9:30-10:50 WILLIAMS E
MEETS: JAN 13-MAY 9

CIV RIGHTS& ETH PWR HIST 473 3 CREDITS

HISTORY (CONTINUED)

AMERICAN STUFF  HIST 488  3 CREDITS
Prereq: SOPHMORE CLASSIFICATION
Note: Available for nonmajor graduate credit
4235005  TR 11:00-12:20  WOLTERS T
MEETS: JAN 13-MAY 9

INDEPENDENT STUDY  HIST 490  1-3 CREDITS
Prereq: 9 CREDITS IN HISTORY; PERMISSION OF DEPARTMENT CHAIR.
Note: SOPHMORE AND ABOVE CLASSIFICATION. NO MORE THAN 6 CREDITS OF HIST 490 MAY BE APPLIED TOWARD GRADUATION WITH A MAJOR IN HISTORY. NO CREDITS OF HISTORY 490 MAY BE APPLIED TOWARD A MINOR IN HISTORY. Instructor permission required 1st week.

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

HISTIOGEOGR SCHR  HIST 495  3 CREDITS
Prereq: GRANDE HISTORY MAJORS WITH AT LEAST 12 CR OF 300+ LEVEL HISTORY COURSES
Note: COURSE RESTRICTED TO HIST SENIORS ONLY.
2438005  1 W 1:10-4:00  DOBBS C
2438010  2 W 6:10-9:00PM  BYARS J
MEETS: JAN 13-MAY 9

ADV TOPCS HST EUROP  HIST 496A  3 CREDITS
Prereq: SOPHMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Topic: HISTORY OF MAGIC
2999005  1 TRF 10:00-11:50  MEETS: JAN 13-MAY 9
Note: SEC 1 TOPIC: HISTORY OF MAGIC
2999010  2 TR 3:40-5:00  MEETS: JAN 13-MAY 9
Note: SEC 2 TOPIC: MODERN GERMANY

ADV TOPCS N AMER HI  HIST 496B  3 CREDITS
Prereq: SOPHMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Topic: CAPITALISM IN AMERICA
3028005  M W 1:10-4:10  MCDONNELL L
MEETS: JAN 13-MAY 9

ADV TOPCS GLOBL HIS  HIST 496C  3 CREDITS
Prereq: SOPHMORE CLASSIFICATION OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO SOPHMIRES & ABOVE.
Topic: SLAVERY IN THE ATLANTIC WORLD
3042005  TR 11:00-12:20  HILLIARD K
MEETS: JAN 13-MAY 9

PROSEM MEDV EUR HST  HIST 512B  3 CREDITS
Prereq: Instructor permission required 1st week.
4244005  M 1:10-4:00  BAILEY M
MEETS: JAN 13-MAY 9

PROSEM MIDWEST SOC  HIST 552C  3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
4251005  W 1:10-4:00  RINEY-KEHRBERG P
MEETS: JAN 13-MAY 9

HIS METDH HISTORIG  HIST 583C  3 CREDITS
Note: Instructor permission required.
3422005  ARRANGED
MEETS: JAN 13-MAY 9

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

SEM 20TH CENTU AMER  HIST 593C  3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
4273005  T 1:10-4:00  SCHNEIDER W
MEETS: JAN 13-MAY 9

RESEARCH  HIST 699  1-6 CREDITS
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

HONORS (CONTINUED)

UNIV HONORS SEMINAR  HON 322  1-2 CREDITS
Prereq: MEMBERSHIP IN THE HONORS PROGRAM
Note: CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS
COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
Satisfactory-Fail Only.

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

INDEP STUDY HONORS  HON 490 VAR. CREDITS
Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM,
Note: Department permission required.

HORTICULTURE

DEV LEARNRS&LEADERS  HORT 114  2 CREDITS
Prereq: HREM 112
8122005  1 W 9:00-10:50  WIERSEMA J
8122010  2 W 4:10-6:00PM  MEETS: JAN 13-MAY 9

HOME HORTICULTURE  HORT 121  2 CREDITS
4292005  M W 3:10-4:00  MEETS: JAN 13-MAY 9

HANDS-ON HOME HORTI  HORT 122  1 CREDIT
5497005  1 M 9:00-9:50  MEETS: JAN 13-MAY 9
5497010  2 M 11:00-11:50  MEETS: JAN 13-MAY 9
5497015  3 M 1:10-2:00  MEETS: JAN 13-MAY 9

FLORAL DESIGN  HORT 131X  1 CREDIT
9661005  W 5:10-7:00PM  MEETS: JAN 13-MAY 9

TOPCS CROSS-COMMDTY  HORT 193F VAR. CREDITS
Note: A MAXIMUM OF 6 CREDITS OF HORT 193 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
6761600  XW ARRANGED  BOUSSELOT J
MEETS: JAN 13-MAY 9
Note: SEC XW OFFERED FOR 1 CREDIT SPRING 2014.
Section XW is off campus
Course delivery is WWW
Cmptr reqmts: http://agonline.iastate.edu/resources/computer-requirements

PRIN HORTICULT SCI  HORT 221  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN BIOL 211
4296005  1 TR 9:00-9:50  MEETS: JAN 13-MAY 9
4296010  2 TR 9:00-9:50  R 2:10-4:00  MEETS: JAN 13-MAY 9

SPANISH FOR HORTICI  HORT 225  3 CREDITS
2378005  TR 12:40-2:00  MEETS: JAN 13-MAY 9

EDU YOUTH THRU HORT  HORT 282  3 CREDITS
7419025  M W 11:00-11:50  MEETS: JAN 13-MAY 9
Note: Materials, field trips $25.00

PESTICIDE APPL CERT  HORT 283  2 CREDITS
5221005  A MW 2:10-3:00  HOLSCHER K
MEETS: JAN 13-MAY 9

HANDS-ON HOME HORTI  HORT 122  1 CREDIT
7419025  M W 1:10-2:00  MEETS: JAN 13-MAY 9

PLANT PROPAGATION  HORT 322  3 CREDITS
4304005  1 TR 10:00-10:50  MEETS: JAN 13-MAY 9
4304010  2 TR 10:00-10:50  MEETS: JAN 13-MAY 9

GREENHSE OPERAT&MGT  HORT 332  4 CREDITS
Prereq: HORT 221
Note: Available for nonmajor graduate credit
4306005  1 TR 10:00-10:50  M 11:00-11:50  MEETS: JAN 13-MAY 9
4306010  2 TR 10:00-10:50  W 2:10-3:00  MEETS: JAN 13-MAY 9

WOODY PLNT CULTIRS  HORT 341  2 CREDITS
Prereq: HORT 240 OR LA 221 OR LA 222
2770005  TR 8:10-9:00AM  MEETS: JAN 13-MAY 9
Horticulture (Continued)

SOILS PLANT GROWTH HORT 354 3 CREDITS
Prereq: AGRON 154 AND BIOL 101 OR BIOL 211
Section XW is off campus
Note: Materials, field trips &/or travel fee $50.00
8494005 1 MWF 10:00-10:50 LOYNACHAN T
MEETS: JAN 13-MAY 9
Section info: http://public.iastate.edu/~teloyanca/354out1.html

SOILS PLANT GROWTH LB HORT 354L 1 CREDIT
Prereq: AGRON OR HORT MAJOR WITH CREDIT OR
Enrollment in AGRON 354
Note: COURSE RESTRICTED TO AGRON & HORT MAJORS ONLY.
8496005 1 T 12:10-1:00 CHUA T
MEETS: JAN 13-MAY 9
8496010 2 T 3:10-6:00UM HASSELMAN E
MEETS: JAN 13-MAY 9
8496015 3 R 1:10-4:00
MEETS: JAN 13-MAY 9
Note: Materials and professional support fee $100.00

PRIN GARDEN COMPOSITI HORT 380 2 CREDITS
Prereq: HORT 240
7264005 TW ARRANGED ORGLER L
MEETS: JAN 13-MAY 9
Note: THIS COURSE CAN NOT BE TAKEN BY THOSE IN THE
HORTICULTURE LANDSCAPE DESIGN OPTION. ALSO, IF YOU
ARE ENROLLED IN HORT 381 (STUDIO), YOU MUST TAKE
THIS FACE-TO-FACE COURSE OF HORT 380.
Section XW is off campus
Course delivery is WWW
Cmtr reqmt: http://agonline.iastate.edu/resources
puter-requirements

BEGIN GARDN COMP STDI HORT 381 2 CREDITS
Prereq: HORT 240, HORT 281, HORT 330
Note: COURSE RESTRICTED TO HORT MAJORS ONLY.
1 A MAJORS MAY NOT APPLY CREDIT IN HORT 381
TOWARD GRADUATION.
7284005 1 MW 9:00-10:50
MEETS: JAN 13-MAY 9
7284010 2 MW 11:00-1:00
MEETS: JAN 13-MAY 9

HORT MGT EXPERIENCE HORT 391 1 CREDIT
Prereq: HORT 221 OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED
TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMENTS.
2 ADDITIONAL CREDITS IN HORT 391 MAY BE APPLIED
TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.
******* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATI HORT 398 R CREDIT
Prereq: PERMISSION OF DEPARTMENT RESOURCE AND
CAREER CENTER COORDINATOR
Satisfactory-Pass Only.
3652005 ARRANGED
MEETS: JAN 13-MAY 9

GREENHS CROP PRD II HORT 435 4 CREDITS
Prereq: HORT 330 AND HORT 332
Note: Available for nonmajor graduate credit
2659005 MW 9:00-10:50 R 2:10-5:00
MEETS: JAN 13-MAY 9
Note: Materials, field trips 4/or travel fee $75.00

PROF TURFGRASS MGMT HORT 451 2 CREDITS
Prereq: HORT 351
Note: Available for nonmajor graduate credit
4319600 XW ARRANGED CHRISTIANS N
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW
Cmtr reqmt: http://agonline.iastate.edu/resources
puter-requirements

MGT DIS&PEST TGRASS HORT 452 3 CREDITS
Prereq: HORT 351
5311005 TR 11:00-12:20
MEETS: JAN 13-MAY 9

VEGETABL PRODUCMTG HORT 471 2 CREDITS
Prereq: HORT 221
Note: Available for nonmajor graduate credit
4323005 MW 8:00-8:50
MEETS: JAN 13-MAY 9

VEGETBL PROD&MGT LAB HORT 471L 1 CREDIT
Prereq: JUNIOR OR SENIOR STATUS, CONCURRENT
Enrollment in HORT 471
Note: Available for nonmajor graduate credit
5262005 W 3:10-5:00
MEETS: JAN 13-MAY 9
Note: Materials, field trips 4/or travel fee $50.00

Horticulture (Continued)

IND ST GREENHS CROP HORT 490A VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STYD NURS CROPS HORT 490B VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STYD TURFGRASS HORT 490C VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO HORT 490F VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNAT INDEP STYD HORT 490I VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STYD ENTREPRENR HORT 490J VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
******* SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURAL WORKSHOP HORT 493 VAR. CREDITS
Note: COURSE OFFERED FOR 2 CREDITS SPRING 2014
7617005 A R 4:10-6:00PM
MEETS: JAN 13-MAY 9

SERVC LEARN DOMESTC HORT 494B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: A MAXIMUM OF 4 CREDITS OF 494 MAY BE APPLIED
TOWARD THE HORTICULTURE CREDITS REQUIRED FOR GRADUATION
3163005 ARRANGED
MEETS: JAN 13-MAY 9
Horticulture (Continued)

Travel Course Prep
Hort 495 1 CREDIT
Prereq: Permission of Instructor
Meet: Jan 13-May 9
Note: This is the pre-departure class for the Balkans study abroad trip in summer 2014 to Serbia & Croatia. Trip will be from 5/14/14 to 5/24/14.

Intro DNA Techniques
Hort 542A 1 CREDIT
Prereq: Graduate Classification
Meet: Jan 14-Feb 13

Intro Protein Techniques
Hort 542B 1 CREDIT
Prereq: Graduate Classification
Meet: Feb 18-March 27

Intro Cell Techniques
Hort 542C 1 CREDIT
Prereq: Graduate Classification
Meet: April 1-May 1

Intro Metabolism Techniques
Hort 542F 1 CREDIT
Prereq: Graduate Classification
Meet: Feb 10-April 21

Perennial Grasses
Hort 551 2 CREDITS
Prereq: Junior or Senior or Grad Classification or Permission of Instructor
Meet: Jan 13-May 9

Mgt D156 & Pest Tgrass
Hort 552 3 CREDITS
Prereq: Hort 351
Meet: Jan 13-May 9

Special Topics
Hort 590 1-4 CREDITS
Prereq: A Major or Minor in Horticulture
See Dept for Reference Numbers

Creative Component
Hort 599 1-2 CREDITS
Prereq: Graduate Classification or Permission of Instructor
See Dept for Reference Numbers

Graduate Seminar
Hort 610 1 CREDIT
Meet: Jan 13-May 9

Advanced Topics
Hort 690 1-4 CREDITS
Meet: Jan 13-May 9

Research Seminar
Hort 696 1 CREDIT
Meet: Jan 13-May 9

Hort Teaching Practicum
Hort 698 1 CREDIT
Prereq: Graduate Classification
Meet: Jan 13-May 9

Rsrch Greenhouse Crop
Hort 699A 1-5 CREDITS
See Dept for Reference Numbers

Rsrch Nursery Crops
Hort 699B 1-5 CREDITS
See Dept for Reference Numbers

Rsrch Turfgrass
Hort 699C 1-5 CREDITS
See Dept for Reference Numbers

Rsrch Fruit Crops
Hort 699D 1-5 CREDITS
See Dept for Reference Numbers

Rsrch Vegetable Crops
Hort 699E 1-5 CREDITS
See Dept for Reference Numbers

Rsrch Cross-Commodity
Hort 699F 1-5 CREDITS
See Dept for Reference Numbers

Rsrch Landscape Hort
Hort 699G 1-5 CREDITS
See Dept for Reference Numbers

Note: SEC 1A Restricted to Event, HRI, HSP M Majors Only.
Note: SEC 1B for majors other than event, HRI, HSP M

Intro Mgt U Dining
Hort 189 1 CREDIT
Meet: Jan 13-May 9

Intro Casino Management
Hort 201X 3 CREDITS
Meet: Jan 13-May 9

Note: Course delivery is online

Hospitality Law
Hort 315 3 CREDITS
Meet: Jan 13-May 9

Note: Course delivery is online

Advanced Topics
Hort 436 1-2 CREDITS
Meet: Jan 13-May 9

Note: Credit for either Hort 233 or Hort 234 may be applied toward graduation

Intro Hospitality Industry
Hort 101 3 CREDITS
Meet: Jan 13-May 9

Note: Instructor permission required.

Note: Instructors permission required.

Note: Must be at least 21 years old

Intro Wine, Beer, SPI
Hort 380 1-2 CREDITS
Meet: Jan 13-May 9

Note: SEC 1A Restricted to Event, HRI, HSP M Majors Only

Note: SEC 2 Restricted majors other than CS A, CS H, HRI, HSP M, Event Majors Only

Intro Wine, Beer, SPI
Hort 381 1-2 CREDITS
Meet: Jan 13-May 9

Note: SEC 1A Restricted to Event, HRI, HSP M Majors Only

Note: SEC 2 Restricted majors other than CS A, CS H, HRI, HSP M, Event Majors Only

Note: Meets international perspectives reqmt

Note: Meets international perspectives reqmt

Note: Available for nonmajor graduate credit

Note: Available for nonmajor graduate credit

Note: Course delivery is online

Note: Course delivery is online

Note: Instructor permission required.

Note: Instructor permission required.
HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

INTRO WINE, BEER LAB HRI 383L 1 CREDIT
Prereq: CREDIT OR CONCURRENT ENROLLMENT IN HRI 383L; MUST BE AT LEAST 21 YEARS OLD.
F 1:10-3:00
MEETS: JAN 13-MAY 9
Note: Material fee $40.00.

FOODSERVICE MGT II HRI 392 3 CREDITS
Prereq: HRI 391
Note: CREDIT IN HRI 392 MAY NOT BE APPLIED TOWARD THE DEGREE REQUIREMENTS FOR THE MAJOR IN HOSPITALITY MANAGEMENT. CREDIT FOR EITHER HRI 392, HRI 233 AND HRI 333 MAY BE APPLIED TOWARD GRADUATION.
7619005
TR 12:40-2:00
MEETS: JAN 13-MAY 9

HOSPITAL FINANC MGT HRI 433 3 CREDITS
Prereq: HRI 333; ACCT 284; ECON 101; CREDIT OR ENROLLMENT IN STAT 101
9349005
A MWF 1:10-2:00
MEETS: JAN 13-MAY 9

LOGGING OPER MGT II HRI 452 3 CREDITS
Prereq: HRI 352; CREDIT OR ENROLLMENT IN HRI 333
Note: Available for nonmajor graduate credit
6696005
MW 4:10-5:30
MEETS: JAN 13-MAY 9

INTR STRATG MGT F&L HRI 455 3 CREDITS
Prereq: AERSM 444; CR OR ENROLLMENT IN HRI 433 AND AERSM 438
9580005
1 M 10:00-11:50
W 10:00-11:50
MEETS: JAN 13-MAY 9

ISSUES FOOD SAFETY HRI 489 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN FS HH 101 OR FS HH 272 OR HRI 233; FS HH 419 OR FS HH 420; FS HH 403
8349005
MW 2:10-3:00
MEETS: JAN 13-MARCH 7

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

IND ST LODGING OPER HRI 490D VAR. CREDITS
Prereq: PROGRAM APPROVAL
Note: Instructor permission required 1st week.

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

INDEP STUDY HONORS HRI 490H VAR. CREDITS
Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN HONORS PROGRAM
Note: COURSE IS RESTRICTED TO UNIVERSITY HONORS STUDENTS.

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

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

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

MNGEVAL TEC INTRVN HCI 504 3 CREDITS
Prereq: C I 501
1781005
R 5:10-8:00PM
MEETS: JAN 13-MAY 9

HUMAN COMPUTER INTERACTION
HUMAN COMPUTER INTERACTION (CONTINUED)

COMPUTNL ANALY ENGL HCI 520 3 CREDITS
Prereq: ENGL 510 AND ENGL 511
6975005 A TR 9:40-10:50
MEETS: JAN 13-MAY 9

METHODS HUMAN&COMPUTR HCI 522 3 CREDITS
Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
7055005 TR 1:00-2:20
GILBERT S
MEETS: JAN 13-MAY 9
7055600 XE ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW

AUGMENTED REALITY HCI 571X 3 CREDITS
Prereq: M E 557 OR CPR E 557 OR COM S 557 OR EQUIVALENT COMPUTER GRAPHICS EXPERIENCE
9709005 A TR 9:30-10:50
MEETS: JAN 13-MAY 9
9709600 XE ARRANGED
Radkowski R
MEETS: JAN 13-MARCH 9
Note: Section XE is off campus
Course delivery is WWW

COMPUT IMPL&PROTYP HCI 574 3 CREDITS
9226005 WMF 2:10-3:00
9226600 XE ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW

COMPUTATNL PERCEPTN HCI 575 3 CREDITS
Prereq: GRADUATE STANDING OR INSTRUCTOR PERMISSION
3245005 TR 12:40-2:00
Sinaiov J
MEETS: JAN 13-MAY 9
3245600 XE ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW

DESIGN AND ETHICS HCI 589 3 CREDITS
Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
4956005 TR 12:40-2:00
MEETS: JAN 13-MAY 9
4956600 XE ARRANGED
Satterfield D
MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

INDV&FAM LIFE DEVEL HD FS 102 3 CREDITS
3491600 XW ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW
3491005 1A TR 9:30-10:50
MEETS: JAN 13-MAY 9
Note: SEC IA RESTRICTED TO COLLEGE OF HUMAN SCIENCES MAJORS ONLY.
3491010 1B TR 9:30-10:50
MEETS: JAN 13-MAY 9

PREREQ: CLASSIFICATION AS A CH FS, FCEDS OR FFHP MAJOR.
Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP MAJORS.

DEVELPMT BIRTH-8YRS HD FS 224 3 CREDITS
Prereq: HD FS 102
7011005 1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
7011010 2 TR 12:40-2:00
MEETS: JAN 13-MAY 9
7011015 3 TR 12:40-2:00
W 8:00-8:50
MEETS: JAN 13-MAY 9
7011020 4 TR 12:40-2:00
R 8:00-8:50
MEETS: JAN 13-MAY 9
7011025 5 TR 12:40-2:00
F 8:00-8:50
MEETS: JAN 13-MAY 9
7011030 6 TR 12:40-2:00
F 8:00-8:50
MEETS: JAN 13-MAY 9
7011035 7 TR 12:40-2:00
T 3:10-4:00
MEETS: JAN 13-MAY 9
7011040 8 TR 12:40-2:00
W 3:10-4:00
MEETS: JAN 13-MAY 9
7011045 9 TR 12:40-2:00
R 3:10-4:00
MEETS: JAN 13-MAY 9
7011050 10 TR 12:40-2:00
F 3:10-4:00
MEETS: JAN 13-MAY 9
7011055 11 TR 12:40-2:00
M 3:10-4:00
MEETS: JAN 13-MAY 9
7011060 12 TR 12:40-2:00
T 4:10-5:00
MEETS: JAN 13-MAY 9
7011065 13 TR 12:40-2:00
W 4:10-5:00
MEETS: JAN 13-MAY 9
7011070 14 TR 12:40-2:00
R 4:10-5:00
MEETS: JAN 13-MAY 9
7011075 15 TR 12:40-2:00
F 4:10-5:00
MEETS: JAN 13-MAY 9

PRO PRINCIP CHLD PRG HD FS 103 .5 CREDIT
4950005 ARRANGED
MEETS: JAN 13-MAY 9

PRO PRIN YTH&ADP PRG HD FS 105 .5 CREDIT
4951005 ARRANGED
MEETS: JAN 13-MAY 9

TRANSFER STNNT ORIENT HD FS 111 1 CREDIT
Prereq: CLASSIFICATION AS A CH FS, FCEDS OR FFHP MAJOR.
Note: COURSE RESTRICTED TO CH FS MAJORS ONLY.

SPRINT FIN ERLY ADLT HD FS 183 1 CREDIT
7594605 XW ARRANGED
MEETS: MARCH 10-MAY 9
Note: Section XW is off campus
Course delivery is WWW

ERLY Chldhd Ed ORIE HD FS 208 1 CREDIT
4390005 W 8:00-8:50
MEETS: JAN 13-MAY 9
Note: COURSE RESTRICTED TO ECE MAJORS ONLY

DESENV MT BIRTH-8YRS HD FS 224 3 CREDITS
Prereq: HD FS 102
7011005 1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
7011010 2 TR 12:40-2:00
MEETS: JAN 13-MAY 9
7011015 3 TR 12:40-2:00
W 8:00-8:50
MEETS: JAN 13-MAY 9
7011020 4 TR 12:40-2:00
R 8:00-8:50
MEETS: JAN 13-MAY 9
7011025 5 TR 12:40-2:00
F 8:00-8:50
MEETS: JAN 13-MAY 9
7011030 6 TR 12:40-2:00
F 8:00-8:50
MEETS: JAN 13-MAY 9
7011035 7 TR 12:40-2:00
T 3:10-4:00
MEETS: JAN 13-MAY 9
7011040 8 TR 12:40-2:00
W 3:10-4:00
MEETS: JAN 13-MAY 9
7011045 9 TR 12:40-2:00
R 3:10-4:00
MEETS: JAN 13-MAY 9
7011050 10 TR 12:40-2:00
F 3:10-4:00
MEETS: JAN 13-MAY 9
7011055 11 TR 12:40-2:00
M 3:10-4:00
MEETS: JAN 13-MAY 9
7011060 12 TR 12:40-2:00
T 4:10-5:00
MEETS: JAN 13-MAY 9
7011065 13 TR 12:40-2:00
W 4:10-5:00
MEETS: JAN 13-MAY 9
7011070 14 TR 12:40-2:00
R 4:10-5:00
MEETS: JAN 13-MAY 9
7011075 15 TR 12:40-2:00
F 4:10-5:00
MEETS: JAN 13-MAY 9
HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

DEV&GUID MID CHILDH HD FS 226 3 CREDITS
Prereq: HD FS 102 or PSYCH 230
Note: LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST LECTURE. CLASS. PROOF OF LIABILITY INSURANCE AND A BACKGROUND CHECK ARE REQUIRED - ASSOCIATED COSTS ARE THE RESPONSIBILITY OF THE STUDENT.

Satisfactory-Fail Only.

2193010 1 TR 9:30-10:50 M 3:10-6:00PM
MEETS: JAN 13-MAY 9

ADULT DEVELOPMAGING HD FS 234 3 CREDITS
Prereq: HD FS 102

6972005 1 TR 12:10-1:00
MEETS: JAN 13-MAY 9

LIT FOR CHILDREN HD FS 240 3 CREDITS
Prereq: 102 OR PSYCH 230
Note: Meets U.S. diversity reqmt

2194005 A1 TR 3:40-5:00
MEETS: JAN 13-MAY 9
Note: SEC A1 RESTRICTED TO CH FS, ECE, EL ED, PEDS MAJORS ONLY.

2194010 A2 TR 3:40-5:00
MEETS: JAN 13-MAY 9
Note: FOR MAJORS OTHER THAN EL ED, ECE & CH FS MAJORS ONLY.

READING AND FAM VTSYSS HD FS 249 3 CREDITS
Prereq: Meets U.S. diversity reqmt

2207005 1 TR 10:00-11:15
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO CH FS, ECE, PEDS AND FFP HP MAJORS ONLY.

2207010 2 TR 11:00-12:15
MEETS: JAN 13-MAY 9
Note: SEC 2 FOR MAJORS OTHER THAN CH FS, ECE, PEDS, FFP HP.

FAMILY COMM&RELATIONSH HD FS 270 3 CREDITS
Prereq: HD FS 102 OR PSYCH 230

2197005 1 MWF 10:00-10:50
MEETS: JAN 13-MAY 9

HUMAN SEXUALITY HD FS 276 3 CREDITS
Note: Meets U.S. diversity reqmt

3496005 1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO PEDS, CH E & CH FS MAJORS

3496010 2 TR 12:40-2:00
MEETS: JAN 13-MAY 9

3496015 3 TR 11:00-12:20
MEETS: JAN 13-MAY 9

3496605 XV ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XV is off campus
Course delivery is WW

3496600 XV ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XV is off campus
Course delivery is WW

FAMILY POLICYMAKING HD FS 300 3 CREDITS
Prereq: HD FS 249

3499005 1 MWF 11:00-12:00
MEETS: JAN 13-MAY 9

3499600 XV ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XV is off campus
Course delivery is WW

FLD EXP EARLY CHILD HD FS 317A 1- 6 CREDITS
Prereq: HS FS 343
Satisfactory-Fail Only.

******
SEE DEPT FOR REFERENCE NUMBERS
HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

SP TOP HUMAN, FAMILY HD FS 5901 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV, FAMILY HD FS 5911 VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HD FS 599 VAR. CREDITS
Prereq: 3 CREDITS IN HD FS
***** SEE DEPT FOR REFERENCE NUMBERS

ADV QUANTITAT METHD HD FS 603 3 CREDITS
Prereq: HD FS 504
3586005 W 1:10-3:50 MEETS: JAN 13-MAY 9

ADV QUALITVE METHODS HD FS 604 3 CREDITS
Prereq: HD FS 510

ADV STRUC EQUALANG HD FS 606 3 CREDITS
Prereq: HD FS 510 OR STAT 404
4011005 W 9:00-11:40 MEETS: JAN 13-MAY 9

INFANT MENTL HEALTH HD FS 633 3 CREDITS
Prereq: HD FS 510
2267600 XW ARRANGED HUGHES-BELDING K
Note: Section XW is off campus
Course delivery is WWW

ADV TOP HUMAN DEVELO HD FS 690D VAR. CREDITS
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN, FAMILY HD FS 6901 VAR. CREDITS
Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
***** SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY STUDIE HD FS 691D VAR. CREDITS
Prereq: 9 CREDITS IN HD FS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CHILD DEV HD FS 699E VAR. CREDITS
Prereq: 9 CREDITS IN HD FS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY POLICY HD FS 699N VAR. CREDITS
Prereq: 9 CREDITS IN HD FS
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN SCIENCES

DIALOG ON DIVERSITY H SCI 150 1 CREDIT
Note: Meets U.S. diversity reqmt
6929003 1 W 1:10-3:00 MEETS: MARCH 10-MAY 9

FINANC COUNSEL LAB HD FS 589L 1 CREDIT
Prereq: INSTRUCTOR PERMISSION
3510005 1 ARRANGED MEETS: JAN 13-MAY 9

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

IND STU FAMILY FINAN HD FS 490C VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
***** SEE DEPT FOR REFERENCE NUMBERS

IND STY EARLY EDUC HD FS 490F VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
***** SEE DEPT FOR REFERENCE NUMBERS

IND ST EARLY SPL ED HD FS 490G VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
***** SEE DEPT FOR REFERENCE NUMBERS

IND DEP STUDY HONORS HD FS 490H VAR. CREDITS
Prereq: 6 CREDIT IN HD FS
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HUM DEV&FMILY HD FS 490I VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
***** SEE DEPT FOR REFERENCE NUMBERS

IND STU POLICY PRG HD FS 490L VAR. CREDITS
Prereq: 6 CREDITS IN HD FS
***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4-9 CREDITS
Prereq: HD FS 418B; PERMISSION OF INSTRUCTOR;
SENIOR CLASSIFICATION; MINIMUM 2.0 GPA; RESERVATION
REQUIRED ONE SEMESTER BEFORE PLACEMENT
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499 1-6 CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM
STUDENT PROPOSED TO WORK, CONSULT DEPARTMENT OFFICE
FOR PROCEDURES
***** SEE DEPT FOR REFERENCE NUMBERS

QNTV RESRCH METHODS HD FS 503 3 CREDITS
Prereq: STAT 401 OR RESEV 553, CONCURRENT
ENROLLMENT IN HD FS 505
3544005 T 6:00-8:40PM MEETS: JAN 13-MAY 9

APP QNTV RESRCH HD FS 505 3 CREDITS
Prereq: STAT 401 OR RESEV 553, CONCURRENT
ENROLLMENT IN HD FS 503
7057005 W 5:10-7:00PM ARRANGED MEETS: MARCH 13-MAY 9

FAMILY THEORY HD FS 511 3 CREDITS
Prereq: 9 CREDITS IN SOCIAL SCIENCES
7701010 5 M 1:10-3:50 MEETS: JAN 13-MAY 9

ENVIR FOR THE AGING HD FS 563 3 CREDITS
Prereq: HD FS 360 OR 3 CREDITS IN HOUSING,
ARCHITECTURE, INTERIOR DESIGN, REHABILITATION,
PSYCHOLOGY, OR HUMAN DEVELOPMENT AND FAMILY STUDIES
Meet: U.S. diversity reqmt
4479005 TR 1:00-1:50 MEETS: JAN 13-MAY 9

DEVEMLTL ASSESSMT HD FS 568 3 CREDITS
Prereq: HD FS 510
8132005 R 6:10-8:50PM MEETS: JAN 13-MAY 9

CROSS-CULTR PERSPECT HD FS 575 3 CREDITS
Prereq: 6 CREDITS IN SOCIAL SCIENCES
Note: Meets International perspectives reqmt
3556500 XW ARRANGED MAUBE S MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW

AGING IN FAMILY SETT HD FS 577 3 CREDITS
Prereq: 9 CREDITS IN SOCIAL SCIENCES
3557005 R 9:00-11:40 MEETS: JAN 13-MAY 9

INVESTG&FAMILY FUTUR HD FS 583 3 CREDITS
Prereq: HD FS 483
3655600 XW ARRANGED FOX J MEETS: JAN 13-MAY 9
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
KSMIDT@IASTATE.EDU
Course delivery is WWW
Section XW is off campus

HUMAN SCIENCES
HUMAN SCIENCES  (CONTINUED)

INT’L LEADERSH SEMNMR  H SCI 482  3 CREDITS
Prereq: PERMISSION OF THE SEMINAR LEADER
Note: Meets international perspectives reqmt
5901005  ARRANGED
MEETS: JAN 13-MAY 9
IND STDY ENTREPRENR SH  H SCI 490E  1- 4 CREDITS
5101005  ARRANGED
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

INT’L LEADERSH SEMNMR  H SCI 582  3 CREDITS
Prereq: PERMISSION OF THE SEMINAR LEADER
5933005  ARRANGED
MEETS: JAN 13-MAY 9

IMMUNOBIOLOGY

SEMINAR IMMUNOBIOLOGY  IMBIO 604  1 CREDIT
5949005  ARRANGED
MEETS: JAN 13-MAY 9
SPECIAL TOPICS  IMBIO 690  VAR. CREDITS
5986005  ARRANGED
MEETS: JAN 13-MAY 9
GRAD RESEARCH ROTATION  IMBIO 697  VAR. CREDITS
5991005  ARRANGED
MEETS: JAN 13-MAY 9

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

INDUSTRIAL DESIGN

INDUS DSGN STUDIO II  IND D 202  6 CREDITS
Prereq: IND D 201
5972005  1 MWF 9:00-12:20
MEETS: JAN 13-MAY 9
5972010  2 MWF 1:10-4:20
MEETS: JAN 13-MAY 9

CREATIVITY THINK IND D 232  3 CREDITS
Prereq: IND D 231
5962005  TR 8:00-9:20
MEETS: JAN 13-MAY 9

INDUS DSGN STUDIO IV  IND D 302  6 CREDITS
Prereq: IND D 301
6020005  1 MWF 1:10-4:30
MEETS: JAN 13-MAY 9
6020010  2 MWF 1:10-4:20
MEETS: JAN 13-MAY 9

INDUS DSN MATRIS & PROCESS  IND D 334X  3 CREDITS
Prereq: IND D 231
9613005  TR 2:10-3:30
MEETS: JAN 13-MAY 9

CPTR-AID INDUS DS I  IND D 341  3 CREDITS
Prereq: IND D 301
6026005  1 TR 8:00-10:50
MEETS: JAN 13-MAY 9

HIST INDUSTRIAL DESIGN  IND D 388X  3 CREDITS
Note: Meets U.S. diversity reqmt
9597005  TR 9:30-10:50
MEETS: JAN 13-MAY 9

INDUS DSN INTERNSHIP  IND D 397  6 CREDITS
Prereq: IND D 302, 18 CR IN INDUSTRIAL DESIGN,
PERMISSION OF INSTRUCTOR
6164005  ARRANGED
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

STUDY ABROAD OPTION  IND D 495  6 CREDITS
Prereq: IND D 201, PERMISSION OF INSTRUCTOR
6351005  ARRANGED
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

SENIOR PROJECT  IND D 499  6 CREDITS
Prereq: IND D 302 OR 401 OR 507; SENIOR STANDING
3037005  1 MWF 9:00-12:20
MEETS: JAN 13-MAY 9
3037010  2 MWF 1:10-4:20
MEETS: JAN 13-MAY 9

INDU STDY INTNSV II  IND D 502  6 CREDITS
Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN
STUDIO INTENSIVE TRACK OR GRADUATE STANDING IN THE
INDUSTRIAL DESIGN PROGRAM
6862005  MWF 1:10-4:30
MEETS: JAN 13-MAY 9

IMMUNOBIOLOGY

SEMINAR IMMUNOBIOLOGY  IMBIO 604  1 CREDIT
5949005  ARRANGED
MEETS: JAN 13-MAY 9
SPECIAL TOPICS  IMBIO 690  VAR. CREDITS
5986005  ARRANGED
MEETS: JAN 13-MAY 9
GRAD RESEARCH ROTATION  IMBIO 697  VAR. CREDITS
5991005  ARRANGED
MEETS: JAN 13-MAY 9

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

INDUSTRIAL DESIGN

INDUS DSGN STUDIO II  IND D 504  6 CREDITS
Prereq: IND D 502
5027005  MWF 9:00-12:20
MEETS: JAN 13-MAY 9

INDUS DSN PRACTICUM  IND D 507  6 CREDITS
Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN
AREA OF SPECIALIZATION; ADMITTED BY APPLICATION
AND WRITTEN PERMISSION OF INSTRUCTOR ONLY
6966005  MWF 9:00-12:20
MEETS: JAN 13-MAY 9

COLLOQUIUM  IND D 511  1 CREDIT
Prereq: ADMISSION INTO THE GRADUATE INTENSIVE
PROGRAM
3089005  M 11:00-11:50
MEETS: JAN 13-MAY 9

DESIGN THINKING  IND D 532  3 CREDITS
Prereq: ADMISSION TO THE GRADUATE INTENSIVE
TRACK OR GRADUATE STANDING IN THE INDUSTRIAL
DESIGN PROGRAM
3113005  TR 8:00-9:20
MEETS: JAN 13-MAY 9

PRODUCT REALIZATION  IND D 534X  3 CREDITS
Prereq: ADMISSION INTO THE INDUSTRIAL DESIGN
INTENSIVE TRACK, IND D 301, OR PERMISSION OF
INSTRUCTOR
9636005  TR 9:30-10:50
MEETS: JAN 13-MAY 9

CPTR-AIDED INDUS DSN  IND D 541  3 CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
OR PERMISSION OF INSTRUCTOR
3135005  TR 10:00-11:00
MEETS: JAN 13-MAY 9

PORTFOLIO & PROJECT  IND D 543  3 CREDITS
Prereq: SENIOR OR GRAD STANDING IN IND D PROGRAM
3176005  TR 9:30-10:50
MEETS: JAN 13-MAY 9

SPECIAL TOPICS  IND D 590  3 CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
*******  SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROJECTS  IND D 592  VAR. CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR
PERMISSION OF INSTRUCTOR
4181005  ARRANGED
MEETS: JAN 13-MAY 9

INTERNSHIP  IND D 597  6 CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
OR PERMISSION OF INSTRUCTOR
9463005  ARRANGED
MEETS: JAN 13-MAY 9

INDUSTRIAL ENGINEERING

INDUS ENGR PROFESSN  I E 101  R CREDIT
Satisfactory-Fail Only.
4402005  T 3:10-4:00
MEETS: JAN 13-MAY 9

INFO ENGINEERING  I E 148  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 142
Note: COURSE RESTRICTED TO I E MAJORS ONLY. CREDIT
IN ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED
TOWARD GRADUATION: I E 146, ENGR 160, AER E 160,
C E 160, C E 160, M E 160, COMP E 165, K E 185, S E 185,
5037005  A TR 10:00-11:50
MEETS: JAN 13-MAY 9

METHDS SYS IMPRNTS  I R 222  3 CREDITS
Prereq: I E 248; CREDIT OR ENROLLMENT IN I E 271
Note: COURSE RESTRICTED TO I E MAJORS ONLY
5140005  TR 11:00-12:20
MEETS: JAN 13-MAY 9

APP ERGONOMICS  I E 271  3 CREDITS
Prereq: PHYS 221
5169005  A1 MWF 9:00-12:20
MEETS: JAN 13-MAY 9
Note: SCC A1 RESTRICTED TO I E MAJORS ONLY

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

RELIABILITY  I E  533  3 CREDITS
Prereq: STAT 342 OR STAT 432 OR STAT 447
4458005  TR 3:40-5:00
MEETS: JAN 13-MAY 9

INVENTORY&PROD PLAN  I E  541  3 CREDITS
Prereq: I E 341
4463005  TR 9:30-10:45
MEETS: JAN 13-MAY 9
4463600  XE ARRANGED
MIN K
Note: Section XE is off campus
Course delivery is WWW

CON QUL IMPR PROC  I E  561  3 CREDITS
Prereq: I E 361
7304005  MW 1:10-2:00
MEETS: JAN 13-MAY 9
7304600  XE ARRANGED
HEISING C
Note: Section XE is off campus
Course delivery is WWW

DECSN ANYL SYS DSN  I E  564X  3 CREDITS
Prereq: STAT 211, I E 305
9552005  TR 11:00-12:20
MEETS: JAN 13-MAY 9
9552600  XE ARRANGED
COMPOSITION P
Note: Section XE is off campus
Course delivery is WWW

SYS ENGR&PROJECT MGT  I E  570  3 CREDITS
Prereq: COURSEWORK IN BASIC STATISTICS
6113005  TR 8:00-9:15
MEETS: JAN 13-MAY 9

HUMN FACTR PROD DSN  I E  576  3 CREDITS
Prereq: I E 577
7393005  M 4:10-7:00PM
MEETS: JAN 13-MAY 9

ENTRPRIS MODLNGRA  I E  582  3 CREDITS
Prereq: 3 CREDITS IN INFORMATION TECHNOLOGY OR INFORMATION SYSTEMS
3560005  TR 2:10-3:25
MEETS: JAN 13-MAY 9
3560600  XE ARRANGED
JACKMAN J
Note: Section XE is off campus
Course delivery is WWW

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

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

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

PHD RESEARCH CONDUCT  I E  602X  R CREDIT
Prereq: ENROLLMENT IN PH.D. PROGRAM IN INDUSTRIAL ENGINEERING
Satisfactory-Fail Only.
9563005  W 4:10-5:00
MEETS: JAN 13-MAY 9

INTEGER PROGRAMMING  I E  632  3 CREDITS
Prereq: I E 534
4484005  MW 10:00-10:50
MEETS: JAN 13-MAY 9

COMPUTNL OPTIMIZATN  I E  634  3 CREDITS
Prereq: I E 534 OR EQUIVALENT
4261005  TR 11:00-12:15
MEETS: JAN 13-MAY 9

RES PRACTM ERGONMC  I E  671  3 CREDITS
Prereq: I E 571 OR I E 577
8912005  W 5:10-6:00PM
MEETS: JAN 13-MAY 9

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

ENGINEER INTERNSHIP  I E  697  R CREDIT
Prereq: PERMISSION OF DEPARTMENT
Note: Department permission required.
Satisfactory-Fail Only.
7999005  MEETS: JAN 13-MAY 9

INFORMATION ASSURANCE

INTR CMPTR SECURITY  INFAS 131  1 CREDIT
Satisfactory-Fail Only.
3495005  A M 11:00-11:50
MEETS: JAN 13-MARCH 7
3495010  B MW 11:00-11:50
MEETS: MARCH 10-MAY 9

INFO ASSUR LEGAL&ET  INFAS 533  3 CREDITS
Prereq: MATH 307 OR COMP S 330 OR E E 524
8509005  A M 6:10-9:00PM
MEETS: JAN 13-MAY 9
8509600  XE ARRANGED
PETERS K
Note: Section XE is off campus
Course delivery is WWW

SEMNR INFO ASSUR ANC  INFAS 592  1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5025005  1 ARRANGED
MEETS: JAN 13-MAY 9

INFO ASSUR CAPSTONE  INFAS 632  3 CREDITS
Prereq: CPR E 531, CPR E 532, CPR E 534
1893005  ARRANGED
MEETS: JAN 13-MAY 9

INTEGRATED STUDIO ARTS

CRTV VISUAL THINKNG  ARTIS 201  3 CREDITS
7938005  A ARRANGED
PAN H
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED COLLEGE OF DESIGN STUDENTS
Course delivery is WWW

STUDIO FNDMTLS:WOOD  ARTIS 202  2 CREDITS
Prereq: SOPHOMORE LEVEL OR ABOVE
Note: SEC A RESTRICTED TO ARTIS MAJORS OR ARTS
8094005  A M 6:10-9:00PM
MEETS: JAN 13-MAY 9
8094600  XE ARRANGED
AVERY C
Note: Section XE is off campus
Course delivery is WWW
INTEGRATED STUDIO ARTS (CONTINUED)

STUDIO FUND: CERAMICS ARTIS 204 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION.
Note: SEC A,B2 for majors other than ARTIS.
9253005 A1 MW 2:10-5:00
F 3:10-5:00
MEETS: JAN 13-MARCH 7
9253010 A2 MW 2:10-5:00
F 3:10-5:00
MEETS: JAN 13-MARCH 7
9253015 B1 MW 2:10-5:00
F 3:10-5:00
MEETS: MARCH 10-MAY 9
9253020 B2 MW 2:10-5:00
F 3:10-5:00
MEETS: MARCH 10-MAY 9

STUDIO FUND: PRINTMKG ARTIS 206 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION.
Note: SEC A2,B2 for majors other than ARTIS.
9255005 A1 MW 2:10-5:00
F 9:00-10:50
MEETS: JAN 13-MARCH 7
9255010 A2 MW 2:10-5:00
F 9:00-10:50
MEETS: MARCH 10-MAY 9
9255015 B1 MW 2:10-5:00
F 9:00-10:50
MEETS: MARCH 10-MAY 9
9255020 B2 MW 2:10-5:00
F 9:00-10:50
MEETS: MARCH 10-MAY 9

STUDIO FUND: PHOTO ARTIS 210 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION.
Note: SEC A1,B1 restricted to EO ARTIS majors only
9265005 A1 TR 2:10-5:00
F 1:10-3:00
MEETS: JAN 13-MAY 9
9265010 A2 TR 2:10-5:00
F 1:10-3:00
MEETS: MARCH 10-MAY 9
9265020 B2 TR 2:10-5:00
F 1:10-3:00
MEETS: MARCH 10-MAY 9

STUDIO FUND: COMPUTAS ARTIS 212 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION.
Note: SEC A1,B1 restricted to EO ARTIS majors only
9257005 A1 TR 12:40-4:30
STEWART A
MEETS: JAN 13-MARCH 7
9257010 A2 TR 12:40-4:30
STEWART A
MEETS: JAN 13-MARCH 7
9257015 B1 TR 12:40-4:30
STEWART A
MEETS: MARCH 10-MAY 9
9257020 B2 TR 12:40-4:30
STEWART A
MEETS: MARCH 10-MAY 9

STUDIO FUND: PAINTNG ARTIS 213 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION.
Note: SEC A1,B1 restricted to EO ARTIS majors only
9266005 A1 MW 8:00-10:50
F 3:10-5:00
MEETS: JAN 13-MARCH 7
9266010 A2 MW 8:00-10:50
F 3:10-5:00
MEETS: JAN 13-MARCH 7
9266015 B1 MW 8:00-10:50
F 3:10-5:00
MEETS: MARCH 10-MAY 9
9266020 B2 MW 8:00-10:50
F 3:10-5:00
MEETS: MARCH 10-MAY 9

STUDIO FUND: TEXTILE ARTIS 214 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION.
9269005 A TR 12:40-4:30
MEETS: JAN 13-MARCH 7
9269010 B TR 12:40-4:30
MEETS: MARCH 10-MAY 9

INTEGRATED STUDIO ARTS (CONTINUED)

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS
Prereq: DSN S 102, DSN S 131 AND DSN S 183
MEETS: JAN 13-MAY 9
9198300 A MW 2:10-5:00
SLOAN D
Note: SEC A restricted to College of Design Majors

INTR CRTV DGT PHOTO ARTIS 227H 3- 4 CREDITS
Prereq: DSN S 102, DSN S 131 AND DSN S 183
Note: Instructor permission required.
5467005 A MW 2:10-5:00, ARRANGED SLOAN D
MEETS: JAN 13-MAY 9

DRAWING II ARTIS 230 3 CREDITS
Prereq: DSN S 102, DSN S 131 AND DSN S 183
Note: Instructor permission required 1st week.
1779005 A TR 8:00-10:50
MEETS: JAN 13-MAY 9
1779010 B MN 8:00-10:50
DRINKWATER J
Note: SEC B restricted to College of Design Majors

PAINTING I ARTIS 238 3 CREDITS
Prereq: ARTIS 230
Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
ARTIS, BFM I & PBPMI Majors Only.
7828005 A MN 1:10-4:00
MEETS: JAN 13-MAY 9

INTEGRATED MEDIA ARTIS 305 3 CREDITS
Prereq: 6 CREDITS OF 200 LEVEL STUDIO
Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
ARTIS, & ARTIS Majors Only.
1771005 A MN 2:10-5:00
MEETS: JAN 13-MAY 9

INTEGRATIVE MEDIA ARTIS 305H 3- 4 CREDITS
Prereq: DSN S 102, 131 AND 183 AND 6 CREDITS
OF ADDITIONAL ISA STUDIO AT 200+ LEVEL. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: Instructor permission required.
5591005 A MN 2:10-5:00, ARRANGED
MEETS: JAN 13-MAY 9

CPTR MODLVR PHOTO ARTIS 308 3 CREDITS
Prereq: ARTIS 230 OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
ARTIS, BFM I & PBPMI Majors Only.
6423005 MN 11:00-2:00
CALL A
MEETS: JAN 13-MAY 9

SOURCES VISUAL DSGN ARTIS 310 3 CREDITS
Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR,
ARTIS & ARTIS Majors Only.
6432005 A1 TR 1:10-3:20
MEETS: JAN 13-MAY 9
Note: SEC A1 restricted to ARTFA, ARTIS Majors Only
6432010 A2 TR 1:10-3:20
MEETS: JAN 13-MAY 9

SOURCES VISUAL DSGN ARTIS 310H 3- 4 CREDITS
Prereq: ARTIS 230, 310, 310H & 6 CREDITS
OF ADDITIONAL ISA STUDIO AT 200+ LEVEL. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: Instructor permission required.
9379005 TR 1:10-3:20, ARRANGED
MEETS: JAN 13-MAY 9

INTRO FURNITUR DSGN ARTIS 320 3 CREDITS
Prereq: ARTIS 230
Note: COURSE RESTRICTED TO ARTIS Majors Only.
1798005 A TR 9:30-12:20
MEETS: JAN 13-MAY 9

INTMD CERAMCS STUDIO ARTIS 322 3 CREDITS
Prereq: ARTIS 204
Note: Instructor permission required 1st week.
1799005 A TR 9:30-12:20
MEETS: JAN 13-MAY 9

JEWEL/METALSMTH II ARTIS 324 3 CREDITS
Prereq: ARTIS 203 OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO ARTFA, ARTIS Majors Only.
7237005 MN 2:10-5:00
MEETS: JAN 13-MAY 9

ILLUSTRTN& SOFTWR ARTIS 326 3 CREDITS
Prereq: ARTIS 323
Note: Instructor permission required 1st week.
1657005 MN 6:10-9:00PM
MEETS: JAN 13-MAY 9
INTEGRATED STUDIO ARTS (CONTINUED)

CREATIVE PHOTOGRAPHY ARTIS 329 3 CREDITS
Prereq: ARTIS 210 OR ARTIS 229 OR PERMISSION OF INSTRUCTOR.
Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
Instructor permission required 1st week.
1801005 MW 2:10-5:00, ARRANGED POWELL E
MEETS: JAN 13-MAY 9

CREATIVE PHOTOGRAPHY ARTIS 329H 3-4 CREDITS
Prereq: ARTIS 210 OR ARTIS 229 OR PERMISSION OF INSTRUCTOR.
Note: Instructor permission required.
5734005 MW 2:10-5:00, ARRANGED POWELL E
MEETS: JAN 13-MAY 9
5734010 TR 2:10-5:00, ARRANGED MEETS: JAN 13-MAY 9

DRAW III: LIFE DRWNG ARTIS 330 3 CREDITS
Prereq: 200 LEVEL STUDIO COURSE OR PERMISSION OF INSTRUCTOR.
Note: COURSE RESTRICTED TO ART, ARTIS, BPM I & PBPMI MAJORS ONLY.
Instructor permission required 1st week.
1802005 A TR 11:00-2:00 MEETS: JAN 13-MAY 9
1802010 B TR 2:10-5:00 MEETS: JAN 13-MAY 9

ALT MAIRLS ARTIST/D ARTIS 331X 3 CREDITS
Prereq: 200 LEVEL STUDIO COURSE OR PERMISSION OF INSTRUCTOR.
9637005 MW 9:00-11:50 MEETS: JAN 13-MAY 9

THREE-DIMENS STUDIO ARTIS 335 3 CREDITS
1806005 A TR 9:30-11:50 SHAO P
ARRANGED SHAO P
MEETS: JAN 13-MAY 9
1806010 B TR 12:40-3:00 SHAO P
ARRANGED SHAO P
MEETS: JAN 13-MAY 9

THREE-DIMENS STUDIO ARTIS 335H 3-4 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
NoIn: Instructor permission required 1st week.
9262005 A TR 12:40-3:20 SHAO P
ARRANGED SHAO P
MEETS: JAN 13-MAY 9
9262010 A TR 9:30-11:50 SHAO P
ARRANGED SHAO P
MEETS: JAN 13-MAY 9

APP SCI ILLUST TCNQ ARTIS 337 3 CREDITS
Prereq: ARTIS 327
9104005 TR 2:10-5:00 MEETS: JAN 13-MAY 9

PAINTING II ARTIS 338 3 CREDITS
Prereq: ARTIS 238 OR ARTIS 213 AND ARTIS 210
Note: COURSE RESTRICTED TO ARTD, ARTFA, ARTID, ARTIS, BPM I & PBPMI MAJORS ONLY.
Instructor permission required 1st week.
7832005 A TR 2:10-5:00 MEETS: JAN 13-MAY 9

TEXTILE SURFACE DSGN ARTIS 346 3 CREDITS
Prereq: ARTIS 214 OR PERMISSION OF INSTRUCTOR
1835005 MW 9:00-11:50 MEETS: JAN 13-MAY 9

TEXTILE SURFACE DSGN ARTIS 346H 3-4 CREDITS
Prereq: ARTIS 214
Note: Instructor permission required.
6139005 MW 9:00-11:50 ARRANGED MEETS: JAN 13-MAY 9

LITHOGRAPHY: DIGITRAD ARTIS 358 3 CREDITS
Prereq: ARTIS 246 AND CREDIT OR ENROLLMENT IN ARTIS 230
Note: Instructor permission required 1st week.
1810005 MW 9:00-11:50 MEETS: JAN 13-MAY 9

BFA PRO PRACTICE ARTIS 399 2 CREDITS
Prereq: JUNIOR CLASSIFICATION IN ART AND DESIGN BFA CURRICULUM.
Note: COURSE RESTRICTED TO JRS & SRS
2076005 R 6:10-9:30PM MEETS: JAN 13-MARCH 7

ADV FURNITURE DSGN ARTIS 420 3 CREDITS
Prereq: ARTIS 320
Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.
Instructor permission required 1st week.
1838005 A TR 11:00-1:50 MARTIN C
MEETS: JAN 13-MAY 9
INDEPENDENT STUDY ARTS 490D 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

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

INDEPENDENT STUDY ILLUSTRATION ARTIS 490F 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY METALS ARTIS 490G 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
Materials and equipment use fee $70.00
******** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY HONORS ARTIS 490H 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Course restricted to university honors students only.
******** SEE DEPT FOR REFERENCE NUMBERS

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

INDIVIDUAL STUDY PHOTOGRAPHY ARTIS 490J 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
Materials and equipment use fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS

INDIVIDUAL STUDY PRINTMAKING ARTIS 490K 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
Materials and equipment use fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS

INDIVIDUAL STUDY FURNITURE ARTIS 490L 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

INDIVIDUAL STUDY MIXED MEDIA ARTIS 490M 1–6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
******** SEE DEPT FOR REFERENCE NUMBERS

BFA EXHIBITION ARTIS 499 1 CREDIT
Prereq: ARTIS 399 AND SENIOR CLASSIFICATION IN THE ART AND DESIGN BFA CURRICULUM.
Note: Course restricted to seniors.
Satisfactory-Fail Only.
1708005  R 6:10-8:30PM
SUN-THUR: MARCH 10-MAY 9

INTEGRATED MEDIA ARTIS 505 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: Instructor permission required 1st week.
7553005  MW 2:10-5:00
MEETS: JAN 13-MAY 9

ADVANCED FURNITURE DESIGN ARTIS 520 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required 1st week.
1895005  A TR 11:00-1:50
MEETS: JAN 13-MAY 9

CERAMICS STUDIO ARTIS 522 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required 1st week.
1896005  A TR 3:10-6:00PM
SUN-THUR: JAN 13-MAY 9

ADVANCED PHOTOGRAPHY ARTIS 529 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION
7399005  MW 2:10-5:00
MEETS: JAN 13-MAY 9

ADVANCED PHOTOGRAPHY ARTIS 530 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required 1st week.
7747005  TR 9:30-12:120
MEETS: JAN 13-MAY 9

ADVANCED PAINTING ARTIS 538 3 CREDITS
Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF INSTRUCTOR
Note: Instructor permission required 1st week.
7826005  A TR 2:10-5:00
MEETS: JAN 13-MAY 9

DIGITAL TEXTILE DESIGN ARTIS 548 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Topic: Digital Textile Design
2451005  TR 9:30-12:120
MEETS: JAN 13-MAY 9

LITHOGRAPHY: DIGITAL ARTIS 558 3 CREDITS
Prereq: GRADUATE CLASSIFICATION, INSTRUCTOR PERMISSION
Note: Instructor permission required 1st week.
7750005  MW 9:00-11:50
MEETS: JAN 13-MAY 9

CRITIQUE SEMINAR ARTIS 571X 3 CREDITS
Prereq: ADMISSION INTO A GRADUATE PROGRAM IN THE COLLEGE OF DESIGN
8368005  T 6:10-8:40PM
MEETS: JAN 13-MAY 9

SPL TOPICS CERAMICS ARTIS 590B VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART AND/OR DESIGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Materials and equipment use fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS DRAWING ARTIS 590C VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART AND/OR DESIGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Materials and equipment use fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEXTILES ARTIS 590D VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART AND/OR DESIGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Materials and equipment use fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS METALS ARTIS 590E VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART AND/OR DESIGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Materials and equipment use fee $70.00
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ILLUSTRATION ARTIS 590F VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART AND/OR DESIGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Materials and equipment use fee $70.00
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590G VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART AND/OR DESIGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Materials and equipment use fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SHOP ARTIS 590H VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART AND/OR DESIGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Materials and equipment use fee $70.00
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SHOP ARTIS 590I VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART AND/OR DESIGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Materials and equipment use fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SHOP ARTIS 590J VAR. CREDITS
Prereq: BACHELOR’S DEGREE IN ART AND/OR DESIGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT.
Materials and equipment use fee $25.00
******** SEE DEPT FOR REFERENCE NUMBERS
SPLO TOP PRINTMAKING  ARTIS 590K  VAR.  CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALIZED AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT. 
Note: Instructor permission required 1st week. Materials and equipment use fee $40.00
********** SEE DEPT FOR REFERENCE NUMBERS

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

**INTERDISCIPLINARY GRADUATE STUDIES**

CREATIVE COMPONENT    IGS 599  VAR.  CREDITS
4480005    ARRANGED
MEETS: JAN 13-MAY 9

THESIS RESEARCH    IGS 699  VAR.  CREDITS
4481005    ARRANGED
MEETS: JAN 13-MAY 9

**INTERIOR DESIGN**

GRAPH COM INT DSN II  ARTID 263  3 CREDITS
Prereq: 261, ENROLLMENT IN 267
Note: COURSE RESTRICTED TO ARTID MAJORS
1714005    A T 12:10-1:00  PETERSON N
MW 1:10-3:00  PETERSON N
MEETS: JAN 13-MAY 9

1714010    B TR 12:10-1:00
T 11:00-11:50
MEETS: JAN 13-MAY 9

1714015    C TR 12:10-1:00
T 11:00-11:50
MEETS: JAN 13-MAY 9

1714020    D TR 12:10-1:00
MW 3:10-5:00
MEETS: JAN 13-MAY 9

INT DSN DESIGN STUDIO II  ARTID 267  4 CREDITS
Prereq: 261
Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
Instructor permission required 1st week.
1683005    T 9:30-10:50
MEETS: JAN 13-MAY 9

ENVIR CONTROL SYST  ARTID 352  3 CREDITS
Note: COURSE RESTRICTED TO ARTID JUNIORS ONLY.
1656005    A MW 8:00-9:20  PETERSON N
MEETS: JAN 13-MAY 9

INT DSN HIST/THRY I  ARTID 355  3 CREDITS
Note: Available for nonmajor graduate credit
Instructor permission required 1st week.
1689005    A T 3:40-5:00
MEETS: JAN 13-MAY 9

ID INTERNSHIP SEMN I  ARTID 360  .5 CREDIT
Prereq: ENROLLMENT IN INTERIOR DESIGN PROGRAM
Note: Instructor permission required 1st week. Satisfactory-Fail Only.
1816005    A M 12:10-1:00
MEETS: JAN 13-MAY 9
Note: SEC B RESTRICTED TO JUNIORS & SENIORS

1818010    B M 9:10-10:50
MEETS: JAN 13-MAY 9

**INTERIOR DESIGN (CONTINUED)**

INT DSN DESIGN STUDIO IV  ARTID 367  4 CREDITS
Prereq: 365
Note: Instructor permission required 1st week.
1817005    A T 8:00-10:50  BATES L
R 9:00-11:50  BATES L
R 8:00-11:50  BATES L
MEETS: JAN 13-MAY 9

1817010    B T 8:00-10:50
R 9:00-11:50  CAGLEY L
R 8:00-11:50  CAGLEY L
R 8:00-8:50
MEETS: JAN 13-MAY 9

1817015    C T 8:00-10:50
R 9:00-11:50  CAGLEY L
R 8:00-8:50
MEETS: JAN 13-MAY 9

INT DSN DESIGN STUDIO IV  ARTID 367H  4-5 CREDITS
Note: Instructor permission required.
5001005    T 8:00-10:50
R 9:00-11:50
R 8:00-8:50, ARRANGED
MEETS: JAN 13-MAY 9

INT DSN PRO PRACTICE  ARTID 461  3 CREDITS
Prereq: ARTID 460
Note: COURSE RESTRICTED TO ARTID MAJORS
1847005    R 3:40-6:40PM
MEETS: JAN 13-MAY 9

ENVIR FOR THE AGING  ARTID 463  3 CREDITS
Prereq: HD FS 360 OR 3 CREDITS IN HOUSING, ARCH, INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
Note: Meets U.S. diversity reqmt.
1823005    TR 11:00-12:15
MEETS: JAN 13-MAY 9

INT DSN URBAN SETNG  ARTID 468  3 CREDITS
Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES
2062005    MW 9:00-9:20
MEETS: JAN 13-MAY 9

INT DSN URBAN SETNG  ARTID 468H  3-4 CREDITS
Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: Instructor permission required.
5258005    TR 2:10-3:30, ARRANGED
MEETS: JAN 13-MAY 9

ADV STUDI DSGN THRY  ARTID 469A  3 CREDITS
Prereq: 12 CR IN INTERIOR DESIGN RELATED COURSES OR PERMISSION OF INSTRUCTOR
Note: Available for nonmajor graduate credit
1850005    A TR 12:40-2:00
MEETS: JAN 13-MAY 9

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

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

WORKSHOP  ARTID 493  1-3 CREDITS
Prereq: EVIDENCE OF SATISFACTORY EXPERIENCE IN AREA OF SPECIALIZATION
8035800    FR ARRANGED  CAGLEY L
MEETS: JAN 22-26
Note: SEC FR TAUGHT IN PARIS, FRANCE. SENIOR INTERIOR DESIGN WORKSHOP IN PARIS. STUDY ABDROAD SPRING 2014 STUDY ABDROAD ADMINISTRATIVE FEE APPLIES

MICRO DSGN HUMANICS  ARTID 551A  3 CREDITS
Prereq: INSTRUCTOR PERMISSION
8255005    MW 11:00-12:30
MEETS: JAN 13-MAY 9

DSGN MTHDS:PROC ALT  ARTID 552D  2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
1824005    MW 1:10-3:00
MEETS: JAN 13-MAY 9

ID TEACHING PRACTIC  ARTID 554  1-3 CREDITS
Prereq: ARTID 668 AND PERMISSION OF INSTRUCTOR
4283005    ARRANGED
MEETS: JAN 13-MAY 9
**INTERIOR DESIGN**

**SPECIAL TOPICS**  ARTID 590  VAR. CREDITS  
Prereq: BACHELOR'S DEGREE IN INTERIOR DSGN OR ENGLISH USAGE TEST & DEPT PERMISSION REQUIRED.  
COURSE RESTRICTED TO JL MC, ADVRT MAJORS ONLY  
Department permission required.

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

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

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

**INTERNATIONAL STUDIES**

**INTRO INT'L STUDIES**  INTST 235  3 CREDITS  
Note: Meets international perspectives regmt  
9582600  XW ARRANGED  
MEETS: MARCH 10-MAY 9  
Note: Section XW is off campus  
9582605  XW ARRANGED  
MEETS: JAN 13-MARCH 7  
Note: Section XW is off campus  
Course delivery is WNM

**TOPICS INT'L STUDIES**  INTST 350  2-4 CREDITS  
Prereq: GLOBAL ISSUES, CULTURE AND IDENTITY  
7379005  1A TR 2:10-3:30  
MEETS: JAN 13-MAY 9  
Note: SEC 1A RESTRICTED TO INTST MAJORS ONLY  
7379010  1B TR 2:10-3:30  
MEETS: JAN 13-MAY 9  
Note: SEC 1B FOR MAJORS OTHER THAN INTST

**PRE-STU ABROAD SEMN**  INTST 395A  1 CREDIT  
Note: Instructor permission required.

**INDEPENDENT STUDY**  INTST 490  1-3 CREDITS  
Prereq: PERMISSION OF INTERNATIONAL STUDIES DIRECTOR AND FACULTY SUPERVISOR  
Note: NO MORE THAN 3 CREDITS IN INTST 490 MAY BE USED TOWARD GRADUATION IN THE INTERNATIONAL STUDIES MAJOR OR MINOR  
3719005  ARRANGED  
MEETS: JAN 13-MAY 9

**THINK GLOBALLY INTST 491  1 CREDIT**  
Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD AND/OR INTERNSHIP ABROAD  
3467005  1 TR 2:10-3:30  
MEETS: JAN 13-MARCH 7

**JOURNALISM & MASS COMMUNICATION**

**MASS MEDIA &SOCIETY**  JL MC 101  3 CREDITS  
4656005  1 TR 8:00-10:10  
MEETS: JAN 13-MAY 9  
Note: SEC 1 ARRANGED TO ADVRT, JL MC, MAJORS ONLY.  
4656010  2 TR 8:00-10:10  
MEETS: JAN 13-MAY 9  
Note: SEC 2 ARRANGED TO ADVRT, JL MC, MAJORS ONLY

**JOURNAL&COMM ORIENT**  JL MC 110  1 CREDIT  
Satisfactory-Fail Only.  
4657005  1 T 2:10-3:30  
MEETS: JAN 13-MAY 9  
4657010  2 R 2:10-3:30  
MEETS: JAN 13-MAY 9  
4657015  3 M 1:10-2:30  
MEETS: JAN 13-MAY 9  
4657020  4 W 1:10-2:30  
MEETS: JAN 13-MAY 9

**REPORT&WRT MASS MD**  JL MC 201  3 CREDITS  
Prereq: ENGL 250 OR TESTOUT AND JL MC 110  
Note: ENGLISH USAGE TEST & DEPT PERMISSION REQUIRED.  
COURSE RESTRICTED TO JL MC, ADVRT MAJORS ONLY  
Department permission required.

**ELECTRON MEDIA WRIT**  JL MC 206  3 CREDITS  
Prereq: 201 WITH A GRADE OF C+ OR BETTER  
8511005  1 MW 9:10-10:50  
MEETS: JAN 13-MAY 9  
8511010  1B MW 9:10-10:50  
MEETS: JAN 13-MAY 9  
8511030  1A TR 8:00-9:20  
MEETS: JAN 13-MAY 9  
8511035  1B TR 8:00-9:20  
MEETS: JAN 13-MAY 9

**PRIN PUBLIC RELATNS**  JL MC 220  3 CREDITS  
4684005  1 TR 9:30-11:50  
MEETS: JAN 13-MAY 9

**STRATEG PLAN AD&P.R**  JL MC 301  3 CREDITS  
Prereq: ADVRT 230 OR JL MC 220; SOPHOMORE CLASSIFICATION  
Note: SEC 1A, 2B ETC RESTRICTED TO JL MC, ADVRT  
3838005  1A MW 9:30-10:50  
MEETS: JAN 13-MAY 9  
3838010  1B MW 9:30-10:50  
MEETS: JAN 13-MAY 9  
3838015  2A TR 12:40-2:40  
MEETS: JAN 13-MAY 9  
3838020  2B TR 12:40-2:40  
MEETS: JAN 13-MAY 9  
3838025  3A TR 8:00-9:20  
MEETS: JAN 13-MAY 9  
3838030  3B TR 8:00-9:20  
MEETS: JAN 13-MAY 9

**PUBLICITY METHODS**  JL MC 305  3 CREDITS  
Prereq: ENGL 250 OR ENGL 105, SOPHOMORE CLASSIFICATION  
Note: JL MC & ADVRT MAJORS ARE NOT TO ENROLL IN JL MC OR ADVRT  
4660005  1 TR 9:30-10:50  
MEETS: JAN 13-MAY 9  
4660010  2 MW 12:40-2:40  
MEETS: JAN 13-MAY 9  
4660015  3 TR 12:40-2:40  
MEETS: JAN 13-MAY 9  
4660020  4 TR 12:40-2:40  
MEETS: JAN 13-MAY 9

**ELECTRON MEDIA PROD**  JL MC 306  3 CREDITS  
Prereq: C+ OR BETTER IN 201  
8513005  1 TR 3:30-5:50  
MEETS: JAN 13-MAY 9

**FUND PHOTOJOURNALISM**  JL MC 310  3 CREDITS  
Prereq: C+ OR BETTER IN 201  
Note: COURSE RESTRICTED TO ADVRT, JL MC, MAJORS ONLY  
8688005  1 MW 12:40-2:40  
MEETS: JAN 13-MAY 9

**MULTIMEDIA PRODUCTN**  JL MC 315  3 CREDITS  
Prereq: JL MC 105 OR JL MC 342L OR JL MC 343L OR EQUIVALENT COMPUTER DESIGN PROFICIENCY  
Note: COURSE RESTRICTED TO JL MC, ADVRT MAJORS ONLY  
4663005  1 MW 10:20-12:10  
MEETS: JAN 13-MAY 9
JOURNALISM & MASS COMMUNICATION (CONTINUED)

PUBLIC RELATNS WRIT JL MC 321 3 CREDITS
Prereq: C+ OR BETTER IN JL MC 201; JL MC 220 OR ADVRT 230. RECOMMENDED: JL MC 342L OR DESIGN COMPUTOFICIENCY. MAY BE TAKEN CONCURRENTLY WITH JL MC 310.
Note: COURSE RESTRICTED TO JL MC MAJORS ONLY.
4666005 1 MW 10:00-11:50 MEETS: JAN 13-MAY 9
4666100 2 TR 2:10-4:00 MEETS: JAN 13-MAY 9

CONTEM MAGAZINE PUB JL MC 341 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
4672005 1 MWF 3:10-4:00 MEETS: JAN 13-MAY 9

VISUAL PRIN MASS CM JL MC 342 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
4673005 1A MWF 11:00-11:50 MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO JL MC, ADVRT SOPH AND ABOVE.
4673010 1B MWF 11:00-11:50 MEETS: JAN 13-MAY 9
Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT

LAB BAS VISUAL PRIN JL MC 342L 3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN JL MC 342
5325005 1 TR 8:00-10:15 MEETS: JAN 13-MAY 9
5325010 2 TR 11:00-1:15 MEETS: JAN 13-MAY 9
5325015 3 MW 8:00-10:15 MEETS: JAN 13-MAY 9
5325020 4 MW 11:00-12:15 MEETS: JAN 13-MAY 9

LAB INTMED VIS PRIN JL MC 343L 3 CREDITS
Prereq: JL MC 342L OR EQUIV CMPT DESIGN PROFESSIONAL.
Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
5330005 1 TR 3:10-5:25 MEETS: JAN 13-MAY 9

PUBL AFFAIRS REPORT JL MC 346 3 CREDITS
Prereq: JL MC 202 OR JL MC 206 OR JL MC 321
Course restricted to ADVRT, JL MC MAJORS ONLY.
4675005 1 TR 1:10-2:50 MEETS: JAN 13-MAY 9

SCIENCE COMMUNACIN JL MC 347 3 CREDITS
Prereq: C+ OR BETTER IN JL MC 202 OR JL MC 206 OR JL MC 321 FOR JL MC MAJORS; C+ OR BETTER IN JL MC 201 AND ADVERT 334 OR ADVRT 336 FOR ADVERT MAJORS; NONMMAJORS AND MINORS BY PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
4676005 1 MW 1:10-3:00 MEETS: JAN 13-MAY 9

PRINT MEDIA EDITING JL MC 349 3 CREDITS
Prereq: C+ OR BETTER IN JL MC 202 OR JL MC 206 OR JL MC 321; ALL STUDENTS: JR CLASSIFICATION, FORMAL FACULTY ADVISER APPROVAL OF WRITTEN PROPOSAL
Note: Satisfactory-Fail Only.
4677005 1 TR 12:40-3:00 MEETS: JAN 13-MAY 9

ADV ELE MEDIA PRODU JL MC 354 3 CREDITS
Prereq: JL MC 206
Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
1804005 1 TR 3:10-5:00 MEETS: JAN 13-MAY 9

PRO SKIL DEVELOPLMT JL MC 390A 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE TOPIC: "MEREDITH APPRENTICE PROGRAM*"
7999005 1 T 8:00-9:20 MEETS: JAN 13-MAY 9
Note: Instructor permission required.

MEDIA MANAGEMENT JL MC 406 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
1812005 1 MW 11:00-12:50 MEETS: JAN 13-MAY 9

PUBLIC REL CAMPAIGN JL MC 424 3 CREDITS
Prereq: JL MC 310, JL MC 311; C+ OR BETTER IN JL MC 311; JUNIOR CLASSIFICATION
6062005 1 MW 11:00-12:00 MEETS: JAN 13-MAY 9

MASS COMMUCAT LAW JL MC 460 3 CREDITS
Prereq: C+ OR BETTER IN JL MC 201, JUNIOR CLASSIFICATION, NONMAJORS MUST HAVE PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO ADVRT, JL MC JUNIORS AND SENIORS ONLY
Available for nonmajor graduate credit
4688005 1 MW 11:00-12:50 MEETS: JAN 13-MAY 9

JOURNALISM & MASS COMMUNICATION (CONTINUED)

WORLD COMMUN SYST JL MC 476 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO JL MC MAJORS AND ABOVE.
Meets international perspectives reqmt
4693005 1 TR 11:00-12:30 MEETS: JAN 13-MAY 9

INDEP STUDY COMMUN JL MC 490 VAR. CREDITS
Prereq: JUNIOR CLASSIFICATION AND CONTRACT WITH SUPERVISING PROFESSOR TO REGISTER
Note: NO MORE THAN 3 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING

PROFES MEDIA INTERN JL MC 499 3 CREDITS
Prereq: JL MC MAJORS: C+ OR BETTER IN 202 OR 206 OR 321; ADVERT MAJORS: 301, C+ OR BETTER IN JL MC 201; ALL STUDENTS: JR CLASSIFICATION, FORMAL FACULTY ADVISER APPROVAL OF WRITTEN PROPOSAL
Note: Department permission required.
Satisfactory-Fail Only

COMM RESEARCH METH JL MC 502 4 CREDITS
Prereq: JL MC 501 OR EQUIV COMMUNICATION THEORY COURSE
4726005 1 MW 4:10-6:30PM ARRANGED MEETS: JAN 13-MAY 9

MEDIA MANAGEMENT JL MC 506 3 CREDITS
Prereq: 6 CR SOCIAL SCI OR ADMISSION TO GRAD PROG
Note: 6 CR SOCIAL SCI OR ADMISSION TO GRAD PROG
RECOMMENDED OR ADMISSION TO THE GRAD PROGRAM
1813005 1 MWF 11:00-11:50 MEETS: JAN 13-MAY 9

STRATEG OF COMMUNIC JL MC 510 3 CREDITS
4730005 1 TR 2:10-3:30 MEETS: JAN 13-MAY 9

SCIENCE COMMUNICAT JL MC 547 3 CREDITS
6 CR SOCIAL SCI OR ADMISSION TO GRAD PROG
Note: 6 CR SOCIAL SCI OR ADMISSION TO GRAD PROG
7316005 1 MN 1:00-2:15 MEETS: JAN 13-MAY 9

MEDIA ASSOCIAT RELAT JL MC 561 3 CREDITS
8830005 1 MW 1:10-3:25 MEETS: JAN 13-MAY 9

WORLD COMMUN SYST JL MC 576 3 CREDITS
Note: Meets international perspectives reqmt
4738005 1 TR 11:00-12:30 MEETS: JAN 13-MAY 9

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPL TOP PRO SPICAL JL MC 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SPCL TOP RSRCH MTHD JL MC 590C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SP TOP TECHNO STYL JL MC 590D VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SP TOP SPLZ COMMUNC JL MC 590E VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR

PROFESNL INTERNSHIP JL MC 591 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR

SEMNR RSRCH MTHDS JL MC 598J 1-3 CREDITS
Note: COURSE OFFERED FOR 3 CREDITS SPRING 2014
8379005 1 TR 5:10-8:00PM MEETS: JAN 13-MAY 9

CREATIVE COMPONENT JL MC 599 VAR. CREDITS
Prereq: APPROVED CREDIT COMPONENT PROPOSAL

THESIS RESEARCH JL MC 699 VAR. CREDITS
Prereq: APPROVED THESIS PROPOSAL Satisfactory-Fail Only

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

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KINESIOLOGY

SWIMMING I KIN 101 1 CREDIT
Satisfactory-Fail Only.
5660005 1 TR 8:00-9:12
MEETS: JAN 13-MAY 9

SWIMMING II KIN 102 1 CREDIT
Prereq: KIN 101 OR EQUIVALENT SKILL
Satisfactory-Fail Only.
5661005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 9

AQUATIC FITNESS KIN 108 1 CREDIT
Satisfactory-Fail Only.
5650505 1 TR 1:40-2:00
MEETS: JAN 13-MAY 9

BADMINTON KIN 122 1 CREDIT
Satisfactory-Fail Only.
5671005 2 MWF 10:30-11:30
MEETS: JAN 13-MARCH 7

BOWLING KIN 129 1 CREDIT
Satisfactory-Fail Only.
5675005 1 MW 9:00-9:50
MEETS: JAN 13-MAY 9
5675010 2 MW 10:00-10:50
MEETS: JAN 13-MAY 9
5675015 3 MW 11:00-11:50
MEETS: JAN 13-MAY 9
5675020 4 TR 9:30-10:20
MEETS: JAN 13-MAY 9
5675025 5 TR 11:00-11:50
MEETS: JAN 13-MAY 9
5675030 6 TR 12:40-1:30
MEETS: JAN 13-MAY 9

GOLF KIN 135 1 CREDIT
Satisfactory-Fail Only.
5680005 1 MWF 9:00-9:50
MEETS: MARCH 10-MAY 9
5680100 2 MWF 9:30-10:50
MEETS: MARCH 10-MAY 9
5680105 3 MWF 11:00-12:20
MEETS: MARCH 10-MAY 9
5680200 4 MWF 12:40-2:00
MEETS: MARCH 10-MAY 9

RACQUETBALL KIN 144 1 CREDIT
Satisfactory-Fail Only.
5683005 1 MW 9:00-9:50
MEETS: JAN 13-MAY 9
5683010 2 MW 10:00-10:50
MEETS: JAN 13-MAY 9

ICE SKATING KIN 153 1 CREDIT
Note: COURSE TAUGHT AT AMES/ISU ICE ARENA, SOUTHEAST OF THE TOWERS. MUST ALLOW EXTRA TIME BETWEEN THIS AND OTHER CLASSES FOR TRAVEL TO AND FROM AMES/ISU ICE ARENA. MUST PROVIDE OWN TRANSPORTATION.
Satisfactory-Fail Only.
5689005 1 TR 1:10-2:00
MEETS: JAN 13-MARCH 7

TENNIS KIN 158 1 CREDIT
Satisfactory-Fail Only.
5690005 1 MWF 9:30-10:50
MEETS: MARCH 10-MAY 9
5690100 2 MWF 11:00-12:20
MEETS: MARCH 10-MAY 9
5690105 3 MWF 12:30-2:00
MEETS: MARCH 10-MAY 9

PHYSICAL FITNESS KIN 163 1 CREDIT
Note: CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
Satisfactory-Fail Only.
5694005 1 MW 8:00-8:50
MEETS: JAN 13-MAY 9

WALKING FOR FITNESS KIN 164 1 CREDIT
Satisfactory-Fail Only.
8867005 1 MW 9:00-9:50
MEETS: JAN 13-MAY 9
8867010 2 MW 10:00-10:50
MEETS: JAN 13-MAY 9
8867015 3 MW 11:00-11:50
MEETS: JAN 13-MAY 9
8867020 4 TR 9:30-10:20
MEETS: JAN 13-MAY 9
8867025 5 TR 11:00-11:50
MEETS: JAN 13-MAY 9
8867030 6 TR 12:10-1:00
MEETS: JAN 13-MAY 9

KINESIOLOGY PROFSNS KIN 252 1 CREDIT
5700005 1 M 10:10-11:00
MEETS: JAN 13-MAY 9

ORIEN KINESIOL/HLTH KIN 253 1 CREDIT
Prereq: CONCURRENT ENROLLMENT OR CREDIT IN KIN 252
Note: COURSE RESTRICTED TO A TR, KIN, P ATR MAJORS ONLY.
Satisfactory-Fail Only.
7498005 1 W 12:10-1:00
MEETS: JAN 13-MAY 9
7498010 2 ARRANGED
MEETS: JAN 13-MAY 9
Note: Course delivery is WWW

Satisfactory-Fail Only.
5343005 1 MWF 8:00-9:12
MEETS: MARCH 10-MAY 9

WEIGHT TRAINING KIN 166 1 CREDIT
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: ATH 101, SKILL TECHNIQUE COURSE IN THE SAME SPORT AS THE ATH 101, EX SF/KIN 166
5696005 1 MW 9:00-9:50
MEETS: JAN 13-MAY 9
5696010 2 MW 10:00-10:50
MEETS: JAN 13-MAY 9
5696015 3 MW 11:00-11:50
MEETS: JAN 13-MAY 9
5696020 4 MW 12:10-1:00
MEETS: JAN 13-MAY 9
5696025 5 MW 1:10-2:00
MEETS: JAN 13-MAY 9

NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

RUNNING FOR FITNESS KIN 165X 1 CREDIT
Satisfactory-Fail Only.
5700005 1 TR 10:10-11:00
MEETS: JAN 13-MAY 9

TAEKWONDO/KARATE I KIN 170 1 CREDIT
Satisfactory-Fail Only.
5703005 1 TR 10:10-11:00
MEETS: JAN 13-MAY 9
MEETS: MARCH 10-MAY 9
5703010 2 TR 10:10-11:00
MEETS: JAN 13-MAY 9
MEETS: MARCH 10-MAY 9
5703015 3 TR 11:00-11:50
MEETS: JAN 13-MAY 9
MEETS: MARCH 10-MAY 9

TAEKWONDO/KARATE II KIN 171 1 CREDIT
Prereq: 170
5710005 1 TR 10:10-11:00
MEETS: JAN 13-MAY 9
MEETS: MARCH 10-MAY 9
5710010 2 TR 10:10-11:00
MEETS: JAN 13-MAY 9
MEETS: MARCH 10-MAY 9
5710015 3 TR 11:00-11:50
MEETS: JAN 13-MAY 9
MEETS: MARCH 10-MAY 9

VOLLEYBALL KIN 182 1 CREDIT
Satisfactory-Fail Only.
5712005 1 TR 10:10-11:00
MEETS: JAN 13-MAY 9
MEETS: MARCH 10-MAY 9
5712010 2 TR 10:10-11:00
MEETS: JAN 13-MAY 9
MEETS: MARCH 10-MAY 9
5712015 3 TR 11:00-11:50
MEETS: JAN 13-MAY 9
MEETS: MARCH 10-MAY 9

FOOTBALL KIN 185 1 CREDIT
Satisfactory-Fail Only.
5714005 1 TR 10:10-11:00
MEETS: JAN 13-MAY 9
MEETS: MARCH 10-MAY 9

CNCEPTS FITNSS&WELLN KIN 210X 2 CREDITS
8843005 1 ARRANGED
MEETS: JAN 13-MAY 9
Note: Course delivery is WWW

FUND OF AQUATICS KIN 230 1 CREDIT
Prereq: KIN 101 OR EQUIVALENT. ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM. Note: CREDIT RESTRICTED TO KIN MAJORS ONLY.
Instructor permission required 1st week.
9614005 1 TR 11:00-11:50
MEETS: JAN 13-MAY 9

FND INDOOR TEAM SPT KIN 232 1 CREDIT
Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM. Instructor permission required 1st week.
9616005 1 TR 11:00-11:50
MEETS: JAN 13-MAY 9

Note: Course delivery is WWW

SPRING 2014

KINESIOLOGY (CONTINUED)
PHYS FITNESS & CONDITION KIN 258 2 CREDITS
Prereq: MAJOR IN KINESIOLOGY OR HEALTH ONLY
Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, MP, KIN H, P ATR MAJORS ONLY. CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
5732005 1 TR 10:00-10:50
M 12:10-1:00
MEETS: JAN 13-MAY 9
5732010 2 TR 11:00-11:50
M 12:10-1:00
MEETS: JAN 13-MAY 9
5732015 3 TR 1:10-2:00
M 12:10-1:00
MEETS: JAN 13-MAY 9
5732020 4 TR 2:10-3:00
M 12:10-1:00
MEETS: JAN 13-MAY 9
5732025 5 TR 12:10-1:00
MEETS: JAN 13-MAY 9

LEADSHIP TECHNICAL FITNESS KIN 259 2 CREDITS
Prereq: KIN 258
Note: COURSE RESTRICTED TO A TR, KIN H MAJORS ONLY.
9622005 1 MWF 11:00-11:50
MEETS: JAN 13-MAY 9

ADVANCED STRENGTH TRAINING KIN 266 2 CREDITS
Prereq: KIN 258
Note: COURSE RESTRICTED TO A TR, KIN, P ATR JRS & SRS ONLY
7421005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 9
7421010 2 TR 11:00-12:00
ARRANGED
MEETS: JAN 13-MAY 9
Note: Instructor permission required.
Material and equipment use fee $25.00
FIELD EXPERIENCE PLACEMENT KIN 280 1 CREDIT
Note: COURSE RESTRICTED TO KIN H MAJORS ONLY.
5736005 1 FF 11:00-12:00
MEETS: JAN 13-MAY 9

KINESIOLOGY (CONTINUED)
5736010 2 TR 1:10-3:00
MEETS: JAN 13-MAY 9

ELEMPRESCH MMMT ED KIN 284 3 CREDITS
Prereq: 3 CREDITS IN HUMAN DEVELOPMENT & FAMILY STUDIES
Note: COURSE RESTRICTED TO KIN H MAJORS ONLY.
5737005 1 MWF 11:00-11:50
MEETS: JAN 13-MAY 9

PRE-INTERNSHIP KINESIOLOGY KIN 285 1-2 CREDITS
Instructor permission required.
Satisfactory-Pass Only.
8750005 5 TR 10:00-10:50
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

SECDY PHYS ED MTHDS KIN 313 3 CREDITS
Prereq: ADMISSION TO UNIVERSITY TEACHER EDUC PROG
5756005 1 MW 2:10-3:00
R 8:00-10:50
MEETS: JAN 13-MAY 9
5756010 2 MW 2:10-3:00
F 8:00-10:50
MEETS: JAN 13-MAY 9

COACH THY & ADMIN ISS KIN 315 3 CREDITS
Note: COURSE RESTRICTED TO JRS AND SRS ONLY.
5372005 1 TR 11:00-12:00
ARRANGED
MEETS: JAN 13-MAY 9

MEDICAL HEALTH-FIT PROG KIN 345 3 CREDITS
Prereq: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR, KIN H, PDEXA, PDEXH JRS & SRS.
7697005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 9

BIOMECHANICS KIN 355 3 CREDITS
Prereq: PHYS 111 OR PHYS 111I
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
5752005 1 MWF 8:00-8:50
ARRANGED
MEETS: JAN 13-MAY 9
5752010 2 MWF 8:00-8:50
ARRANGED
MEETS: JAN 13-MAY 9
Note: COURSE RESTRICTED TO MAJORS OTHER THAN D EXA, D EXH, KIN H, PDEXA, PDEXH. JRS & SRS & FSHNH GRADS.

PHYSIOLOGY EXPERIENCE KIN 358 3 CREDITS
Prereq: BIOL 255, BIOL 255L, BIOL 256 AND BIOL 256L
Note: COURSE RESTRICTED TO C H E, D EXA, D EXH, PDEXA, PDEXH JRS & SRS, KIN H MAJORS.
5766005 1 MWF 12:10-1:00
ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN C H E, D EXA, D EXH, PDEXA, PDEXH, JRS & SRS AND FSHNH GRADS.
5766010 2 MWF 12:10-1:00
ARRANGED
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR, KIN H, PDEXA, PDEXH.

SOCIAL & EXERCISE KIN 360 3 CREDITS
Prereq: SOC 104, STAT 104 OR 226/326 OR OR 247H
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
7190005 1 TR 2:10-3:30
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR, KIN H, FSHNH GRADS.
7190010 2 TR 2:10-3:30
MEETS: JAN 13-MAY 9
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN C H E, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEXH.

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS
Prereq: PSYCH 101 OR PSYCH 230
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
5754005 1 TR 12:40-1:20
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR, KIN H, FSHNH GRADS.
5754010 2 TR 12:40-1:20
MEETS: JAN 13-MAY 9
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN C H E, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEXH.

MOTOR CONTROL LIFESPAN KIN 372 3 CREDITS
Prereq: PSYCH 101 OR PSYCH 230
Note: AVAILABLE FOR NONMAJOR GRADUATE CREDIT
9623005 1 MW 2:10-3:00
MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO A TR, D EXA, D EXH, P ATR, KIN H, PDEXA, PDEXH JRS & SRS.
9623010 2 MW 2:10-3:00
MEETS: JAN 13-MAY 9
Note: SEC 2 RESTRICTED TO MAJORS OTHER THAN C H E, D EXA, D EXH, KIN H, P ATR, PDEXA, PDEXH.

STRAIGHT PRO SCHL & FD KIN 385 3 CREDITS
Note: JUNIOR CLASSIFICATION TO BE TAKEN MINIMUM OF TWO SEMESTERS PRIOR TO GRADUATION OR FIELD EXPERIENCE PLACEMENT
Note: COURSE RESTRICTED TO KIN H, JRS & SRS & FSHNH GRADS.
6691005 1 ARRANGED
MEETS: JAN 13-MAY 9

KINESIOLOGY (CONTINUED)

KINESIOLOGY

SUPV TCHG-SECONDARY KIN 417 VAR. CREDITS
Prereq: KIN 281, KIN 313, KIN 355, KIN 358, KIN 395, KIN 471, KIN 475; ADMISSION TO TEACHER EDUCATION PROGRAM.
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
5764010 1A ARRANGED
MEETS: JAN 13-MARCH 7
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER. Instructor permission required 1st week.

5764015 1R ARRANGED
MEETS: JAN 13-MARCH 7
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER. Instructor permission required 1st week.

5764020 2A ARRANGED
MEETS: MARCH 10-MAY 9
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE SECOND 8 WEEKS OF THE SEMESTER. Instructor permission required 1st week.

5764025 2R ARRANGED
MEETS: MARCH 10-MAY 9
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE SECOND 8 WEEKS OF THE SEMESTER. Instructor permission required 1st week.

SUPR TCHG-ELEMENTRY KIN 418 8 CREDITS
Prereq: KIN 280, KIN 312, KIN 355, KIN 358, KIN 395, KIN 471, KIN 475, FULLY ADMITTED TO TEACHER EDUCATION AND MUST APPLY FOR APPROVAL TO ENROLL AT THE BEGIN OF SEMESTER PRIOR TO REGISTERING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
5765005 1A ARRANGED
MEETS: JAN 13-MARCH 7
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER. Instructor permission required 1st week.

5765010 1R ARRANGED
MEETS: JAN 13-MARCH 7
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER. Instructor permission required 1st week.

5765015 2A ARRANGED
MEETS: MARCH 10-MAY 9
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA THE SECOND 8 WEEKS OF THE SEMESTER. Instructor permission required 1st week.

5765020 2R ARRANGED
MEETS: MARCH 10-MAY 9
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE SECOND 8 WEEKS OF THE SEMESTER. Instructor permission required 1st week.

LEGAL ASPS OF SPORT KIN 445 3 CREDITS
Note: COURSE RESTRICTED TO A TR, P ATR, PDEXA, PDEXH
8560005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 9

BIOMECH RSRC TOPCS KIN 455 3 CREDITS
Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR
6334005 TR 110-1125
MEETS: JAN 13-MAY 9

PRIN FITNESS ASSES KIN 458 4 CREDITS
Prereq: KIN 358
5767005 1 MWF 11:10-2:00
R 11:00-3:00
MEETS: JAN 13-MAY 9

5767010 2 MWF 11:10-2:00
T 3:10-5:00
MEETS: JAN 13-MAY 9

5767015 3 MWF 11:10-2:00
R 11:00-3:00
MEETS: JAN 13-MAY 9

5767020 4 MWF 11:10-2:00
R 3:10-5:00
MEETS: JAN 13-MAY 9

5767025 5 MWF 11:10-2:00
R 5:10-7:00PM
MEETS: JAN 13-MAY 9

5767030 6 MWF 11:10-2:00
T 4:00-6:00
MEETS: JAN 13-MAY 9

INTERN EXER LEADRSH KIN 459 1 CREDIT
Prereq: C- OR BETTER IN KIN 259, CPR CERTIFICATION, CURRENT ENROLLMENT IN KIN 458
Note: CONCURRENT ENROLLMENT IN 458 IS REQUIRED.
3473005 1 ARRANGED
MEETS: JAN 13-MAY 9

KINESIOLOGY (CONTINUED)

MEDIIC ASPECTS EXER KIN 462 3 CREDITS
Prereq: KIN 358
Note: COURSE RESTRICTED TO A TR, D EXA, D EXH, P ATR, PDEXA, PDEXH
5763005 MWF 11:10-1:50
MEETS: JAN 13-MAY 9

MEASUREMT IN PHY ED KIN 471 3 CREDITS
Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
7432005 TR 12:40-2:00
MEETS: JAN 13-MAY 9

NEURL BASIS HUM MVT KIN 472 3 CREDITS
Prereq: KIN 372 OR PSYCH 310
Note: Available for nonmajor graduate credit
7322005 TRN 3:10-4:30
MEETS: JAN 13-MAY 9

FUNCTIONAL ANATOMY KIN 480 3 CREDITS
Prereq: KIN 355; BIOL 155 OR BIOL 255 AND BIOL 256
6175005 1 TR 1:10-3:00
MEETS: JAN 13-MAY 9

EXERCSE PHYSIOL LAB KIN 482 1 CREDIT
6298005 1 T 12:10-2:00
MEETS: JAN 13-MAY 9

INTERNSH FITNSS MGT KIN 485A 1-16 CREDITS
Note: RESTRICTED TO GRADUATE STUDENTS
5772005 ARRANGED
MEETS: JAN 13-MAY 9
Note: Department permission required.

INTERNSH SPORT&ACT KIN 485B 1-16 CREDITS
Note: RESTRICTED TO GRADUATE STUDENTS
5773005 ARRANGED
MEETS: JAN 13-MAY 9
Note: Department permission required.

IND STUDY EXER&SPRT KIN 490A 1-3 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND INSTRUMENTATION
Note: Instructor permission required 1st week.

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

INDEP STUDY HONORS KIN 490H 1-2 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND PERMISSION OF COORDINATOR
Note: Instructor permission required 1st week.

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

INJURY BIOMECHANICS KIN 515X 3 CREDITS
Prereq: KIN 355 OR PERMISSION OF INSTRUCTOR
9573005 ARRANGED
MEETS: JAN 13-MAY 9
Note: Available for nonmajor graduate credit

ADV PHYSIOL EXER II KIN 551 3 CREDITS
Note: COURSE RESTRICTED TO GRADUATE STUDENTS
5792005 R 11:10-6:00PM
MEETS: JAN 13-MAY 9

MEASUREMT IN PHY ED KIN 571 3 CREDITS
7459005 TR 12:40-2:00
MEETS: JAN 13-MAY 9

NEURL BASIS HUM MVT KIN 572 3 CREDITS
Prereq: KIN 372 OR PSYCH 310
7327005 TRN 3:10-4:30
MEETS: JAN 13-MAY 9

SPECIAL TOPICS P E KIN 590A 1-3 CREDITS
Note: Instructor permission required 1st week.

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

SPL TP HEALTH PROMO KIN 590B 1-3 CREDITS
Note: Instructor permission required 1st week.

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

SPL TOP EXERC PHYSL KIN 590D 1-3 CREDITS
Note: Available for nonmajor graduate credit
LANDSCAPE ARCHITECTURE (CONTINUED)

KINESIOLOGY (CONTINUED)

SPL TOP Sport Socio KIN 590E 1-3 Credits
Note: Instructor permission required 1st week.

SPL TOP Sport Psych KIN 590F 1-3 Credits
Note: Instructor permission required 1st week.

SPL TOP Motor Behav KIN 590G 1-3 Credits
Note: Instructor permission required 1st week.

SPL TOP Biomechanics KIN 590H 1-3 Credits
Note: Instructor permission required 1st week.

SPL TOP RSRCH Ethcs KIN 590I 1-3 Credits
Note: Instructor permission required 1st week.

SUP Field Exp P E KIN 591A 1-6 Credits
Prereq: 10 Grad CR in KIN and/or related areas
Note: Instructor permission required 1st week.

SUP FLd Exp Ex Phys KIN 591D 1-6 Credits
Prereq: 10 Grad CR in KIN and/or related areas
Note: Instructor permission required 1st week.

PRACTM Colleg Tchng KIN 592 1-3 Credits
Satisfactory-Fail Only.

KINESIOLOGY

MEETS: JAN 13-MAY 9
6119005  M 12:10-1:00
Prereq: L A 301

MEETS: JAN 13-MAY 9
6119005  MW 1:10-5:20
F 4:10-5:20

4778005  F 1:10-5:20
MM 1:10-5:20
MEETS: JAN 13-MAY 9

MEETS: JAN 13-MAY 9
6119005  M 12:10-1:00

MEETS: JAN 13-MAY 9
6119005  M 10:00-10:50
Note: Meets U.S. diversity reqmt

LANDSCAPE ARCHITECTURE

HIST Modrn Landscp L A 371 3 Credits
MEETS: JAN 13-MAY 9
4662005  TR 9:30-10:50

ADV Land Arch Design L A 404 6 Credits
Note: Instructor permission required 1st week.

4781800  IT ARRANGED
MEETS: JAN 13-MAY 7
Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2014. OFFERED FOR 6 CREDITS
Study Abroad Administrative Fee Applies

Profession Pracctc L A 441 2 Credits
Freed: L A 481
Note: Instructor permission required 1st week.

4783005  M 10:00-11:50
MEETS: JAN 13-MAY 9

Land Arch Internship L A 444A R Credit
Freed: L A 341 or permission of Adviser and Chair

3036005  ARRANGED
MEETS: JAN 13-MAY 9

L Arch Study Abroad L A 444B R Credit
Freed: L A 341 or permission of Adviser and Chair

6212005  ARRANGED
MEETS: JAN 13-MAY 9

Fund Remote Sensing L A 454X 3 Credits
9621005  TR 9:00-10:50
MEETS: JAN 13-MAY 9

Topic Plantng Dsign L A 478B 2-3 Credits
Freed: L A 202 or Senior or Graduate Classification

Note: Topic: Plant Forensics

3911005  R 4:10-6:00 PM
MEETS: JAN 13-MAY 9

Topic Hist/Thrty/Crt L A 478D 2-3 Credits
Freed: L A 202 or Senior or Graduate Classification

Note: Topic: Landscape Infrastructure & Resilient Cities. Course offered for 3 Credits Spring 2013

3917800  IT ARRANGED
MEETS: JAN 13-MAY 7
Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2014. OFFERED FOR 3 CREDITS
Study Abroad Administrative Fee Applies

Topic Landscape Plng L A 478E 2-3 Credits
Freed: L A 202 or Senior or Graduate Classification

3918005  ARRANGED
MEETS: JAN 13-MAY 9

Topical ST Graphics L A 478G 2-3 Credits
Freed: L A 202 or Senior or Graduate Classification

3921005  ARRANGED
MEETS: JAN 13-MAY 9

Topical ST History L A 478H 2-3 Credits
Freed: L A 202 or Senior or Graduate Classification

3959005  ARRANGED
MEETS: JAN 13-MAY 9

Topic Interdiscipln L A 478I 2-3 Credits
Freed: L A 202 or Senior or Graduate Classification

3970005  ARRANGED
MEETS: JAN 13-MAY 9

Topical Internat'l St L A 478J 2-3 Credits
Freed: L A 202 or Senior or Graduate Classification

3970005  ARRANGED
MEETS: JAN 13-MAY 9

Topical Internat'l St L A 478I 2-3 Credits
Freed: L A 202 or Senior or Graduate Classification

4073005  ARRANGED
MEETS: JAN 13-MAY 9

Topic Computer App L A 478K 2-3 Credits
Freed: L A 341 or Senior or Graduate Standing

4092005  MN 8:30-9:50
MEETS: JAN 13-MAY 9

Topic EcoLogic Design L A 478L 2-3 Credits
Freed: L A 371 or Senior or Graduate Standing

6990005  ARRANGED
MEETS: JAN 13-MAY 9

Study Abroad Administrative Fee Applies

Opnnsr Pracctc L A 441 2 Credits
Freed: L A 481
Note: Instructor permission required 1st week.

Study Abroad Administrative Fee Applies

Opnnsr Pracctc L A 441 2 Credits
Freed: L A 481
Note: Instructor permission required 1st week.

Study Abroad Administrative Fee Applies

Opnnsr Pracctc L A 441 2 Credits
Freed: L A 481
Note: Instructor permission required 1st week.

Study Abroad Administrative Fee Applies

Opnnsr Pracctc L A 441 2 Credits
Freed: L A 481
Note: Instructor permission required 1st week.

Study Abroad Administrative Fee Applies

Opnnsr Pracctc L A 441 2 Credits
Freed: L A 481
Note: Instructor permission required 1st week.

Study Abroad Administrative Fee Applies

Opnnsr Pracctc L A 441 2 Credits
Freed: L A 481
Note: Instructor permission required 1st week.

Study Abroad Administrative Fee Applies

Opnnsr Pracctc L A 441 2 Credits
Freed: L A 481
Note: Instructor permission required 1st week.

Study Abroad Administrative Fee Applies

Opnnsr Pracctc L A 441 2 Credits
Freed: L A 481
Note: Instructor permission required 1st week.

Study Abroad Administrative Fee Applies

Opnnsr Pracctc L A 441 2 Credits
Freed: L A 481
Note: Instructor permission required 1st week.

Study Abroad Administrative Fee Applies

Opnnsr Pracctc L A 441 2 Credits
Freed: L A 481
Note: Instructor permission required 1st week.
TOPIC SOCIA/BEHAVRL L A 478M 2- 3 CREDITS  
Prereq: L A 371 OR SENIOR OR GRADUATE STANDING  
MEETS: JAN 13-MAY 9  
3740005  
TOPIC NATURL RSOURC L A 478N 2- 3 CREDITS  
Prereq: L A 371 OR SENIOR OR GRADUATE STANDING  
MEETS: JAN 13-MAY 9  
3741005  
ADV LANDSCP CONSTR L A 482 3 CREDITS  
Prereq: L A 481  
8224005  
LANDSCAPE ARCHITECTURE (CONTINUED)  
TOPIC PLNTNG DSIGN L A 490A 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
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TOPIC PLNTNG DSIGN L A 490B 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
********  
TOPIC PLNTNG DSIGN L A 490D 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
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TOPIC PLNTNG DSIGN L A 490E 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
********  
TOPIC PLNTNG DSIGN L A 490F 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
********  
TOPIC PLNTNG DSIGN L A 490G 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
********  
TOPIC PLNTNG DSIGN L A 490H 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
********  
TOPIC PLNTNG DSIGN L A 490I 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
********  
TOPIC PLNTNG DSIGN L A 490J 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
********  
TOPIC PLNTNG DSIGN L A 490K 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
********  
TOPIC PLNTNG DSIGN L A 490L 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
********  
TOPIC PLNTNG DSIGN L A 490M 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
********  
TOPIC PLNTNG DSIGN L A 490N 1- 6 CREDITS  
Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM  
Note: Instructor permission required 1st week.  
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FUND REMOTE SENSING L A 554X 3 CREDITS  
MEETS: JAN 13-MAY 9  
9630005  
LAND ARCH THEORY II L A 573 3 CREDITS  
Prereq: GRAD STANDING OR INSTRUCTOR PERMISSION  
MEETS: JAN 13-MAY 9  
3236005
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LATIN 101</td>
<td>Latin 101</td>
<td>4</td>
<td>Students who have completed 3 or more yrs of high school Latin may not enroll in 101. Students who have completed more than 1 year but less than 3 years of H.S. Latin are required to take 1st yr. test out exam. Meets international perspectives reqm</td>
<td>Prereq: Latin 101</td>
</tr>
<tr>
<td>LATIN 332</td>
<td>Intro to Latin Lit</td>
<td>VAR.</td>
<td>0</td>
<td>部</td>
</tr>
<tr>
<td>LATIN 490</td>
<td>Latin 490*</td>
<td>1-6</td>
<td>No more than 9 credits in Latin 490 may be applied toward graduation.</td>
<td>部</td>
</tr>
</tbody>
</table>

**Learning Team (continued)**

<table>
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<tr>
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<tbody>
<tr>
<td>M E FRESHMAN 2</td>
<td>Lead</td>
<td>0</td>
<td>Prereq: Permission of Learning Community Coordinator</td>
<td>部</td>
</tr>
<tr>
<td>M E FRESHMAN 3</td>
<td>Lead</td>
<td>0</td>
<td>Prereq: Permission of Learning Community Coordinator</td>
<td>部</td>
</tr>
<tr>
<td>M E FRESHMAN 4</td>
<td>Lead</td>
<td>0</td>
<td>Prereq: Permission of Learning Community Coordinator</td>
<td>部</td>
</tr>
<tr>
<td>M E FRESHMAN 5</td>
<td>Lead</td>
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<tr>
<td>LATIN 11</td>
<td>Latin 102</td>
<td>4</td>
<td></td>
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<td>Latin 490*</td>
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<td>6 CR in Latin; Permission of Dept Chair</td>
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</table>
**LIBERAL ARTS & SCIENCES**

**ORIENTATION**

LAS 101 .5 CREDIT

**Humans FRONTS**

LAS 103B 1 CREDIT

Note: TITLE: SCIENCE IN CONTROVERSY

Satisfactory-Fail Only.

7463005 1 T 2:10-4:00 GOODWIN J

MEETS: JAN 13-MARCH 7

**COMMUNCTN FRONTS**

LAS 103C 1 CREDIT

Satisfactory-Fail Only.

7464005 1 R 2:10-4:00 SWEET D

Note: SEC 1 TITLE: NONVERBAL COMMUNICATION PATTERNS ASSOCIATED WITH HOSTILE INTENT, SUSPICIOUS BEHAVIOR, AND DECEPTION

MEETS: JAN 13-MARCH 7

**MATH 465**

LAS 103D 1 CREDIT

Satisfactory-Fail Only.

7465005 1 M 4:10-5:00 SAKAGUCHI D

Note: SEC 1 TITLE: STEM CELLS AND CELLULAR ENGINEERING: IMPLICATIONS FOR SCIENCE & SOCIETY

**SOPHMORE CLASSIFICATION**

Prereq: SOPHOMORE CLASSIFICATION

7466005 1 W 5:10-6:00PM DUSSEILER J

MEETS: JAN 13-MAY 9

**SPECIAL PROJECTS**

LAS 290D 1-3 CREDITS

Satisfactory-Fail Only.

Note: INSTRUCTOR permission required.

7384005 1 ARRANGED

MEETS: JAN 13-MAY 9

**SHORT COURSE**

LAS 290C 1-4 CREDITS

Satisfactory-Fail Only.

**INTERNSHIP/CO-OP**

LAS 398 R CREDIT

Prereq: PERMISSION OF LAS CAREER SERVICES, JUNIOR CLASSIFICATION

Note: INSTRUCTOR permission required.

Satisfactory-Fail Only.

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

**IND STUDY CATT CNTR**

LAS 490G V CREDIT

Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE

Note: College permission required.

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

**SENIOR CLASSIFICATION**

Prereq: PERMISSION OF LAS CAREER SERVICES, SENIOR CLASSIFICATION

Note: INSTRUCTOR permission required.

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

**INTERNSHIP**

LAS 499 1-4 CREDITS

Prereq: PERMISSION OF LAS CAREER SERVICES

Note: College permission required.

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

**LIBRARY**

**INFORMATN LITERACY**

LIB 160 1 CREDIT

Prereq: COMPLETION OF ENGL 101 REQUIRED FOR STUDENTS WHOSE NATIVE LANGUAGE IS NOT ENGLISH

Note: TEST-OUT EXAM SCHEDULED WED., JAN. 22; THURS., JAN. 23; MWD., MARCH 26; OR THURS., MARCH 27, SPECIAL LIBRARY TEST-OUT FEE IS $100. DETAILS AVAILABLE IN 140 PARKS LIBRARY.

4862005 1 M 9:00-9:50, ARRANGED

MEETS: JAN 13-MAY 9

4862010 2 M 10:00-10:50, ARRANGED

MEETS: JAN 13-MAY 9

4862015 3 M 11:00-11:50, ARRANGED

MEETS: JAN 13-MAY 9

4862020 4 M 12:10-1:00, ARRANGED

MEETS: JAN 13-MAY 9

4862025 5 M 2:10-3:00, ARRANGED

MEETS: JAN 13-MAY 9

4862030 6 T 11:00-11:50, ARRANGED

MEETS: JAN 13-MAY 9

4862035 7 T 10:00-10:50, ARRANGED

MEETS: JAN 13-MAY 9

4862040 8 T 11:00-11:50, ARRANGED

MEETS: JAN 13-MAY 9

4862045 9 T 12:10-1:00, ARRANGED

MEETS: JAN 13-MAY 9

4862050 10 T 2:10-3:00, ARRANGED

MEETS: JAN 13-MAY 9

4862055 11 W 10:00-10:50, ARRANGED

MEETS: JAN 13-MAY 9

4862060 12 W 11:00-11:50, ARRANGED

MEETS: JAN 13-MAY 9

4862065 13 W 12:10-1:00, ARRANGED

MEETS: JAN 13-MAY 9

4862070 14 W 2:10-3:00, ARRANGED

MEETS: JAN 13-MAY 9

4862075 15 R 9:00-9:50, ARRANGED

MEETS: JAN 13-MAY 9

4862080 16 R 10:00-10:50, ARRANGED

MEETS: JAN 13-MAY 9

4862085 17 R 11:00-11:50, ARRANGED

MEETS: JAN 13-MAY 9

4862090 18 R 12:10-1:00, ARRANGED

MEETS: JAN 13-MAY 9

4862095 19 R 2:10-3:00, ARRANGED

MEETS: JAN 13-MAY 9
LINGUISTICS

Langu Assess Pracmt LING 513 3 Credits
Prereq: ENGL 519
9060005 A Arranged
MEETS: JAN 13–MAY 9
Note: SEC A RESTRICTED TO ENGL, LING MAJORS ONLY

Sociolinguistics LING 514 3 Credits
Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
8619006 A TR 3:40–5:00
MEETS: JAN 13–MAY 9
Note: SEC A RESTRICTED TO ENGL GRADS ONLY

2nd Lanuage Assessm LING 519 3 Credits
Prereq: ENGL 511
9070005 A TR 12:40–2:00
MEETS: JAN 13–MAY 9

Computnl Analy Enlg LING 520 3 Credits
Prereq: ENGL 510 AND ENGL 511
6500005 A TR 12:40–2:00
MEETS: JAN 13–MAY 9

Tch Nonnatv Lisspck LING 525 3 Credits
Prereq: ENGL 511 OR INTRO COURSE IN LINGUISTICS
4479005 A MW 11:00–12:15
MEETS: JAN 13–MAY 9

Cpr-Assist Lang Lan LING 526 3 Credits
Prereq: ENGL 511 OR EQUIVALENT
7280005 A M 6:10–9:00PM
MEETS: JAN 13–MAY 9
Note: SEC A RESTRICTED TO ENGL GRADS ONLY

Discourse Analysis LING 527 3 Credits
Prereq: ENGL SEC A2, B2 OR INTRO COURSE IN LINGUISTICS
2238005 A TR 11:00–12:15
Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.

Pra Tch Enlg 2nd Lng LING 528 3 Credits
Prereq: 9 CREDITS TOWARD THE TESL/CERTIFICATE;
5283010 A TR 10:00–11:25
MEETS: JAN 13–MAY 9
5283015 B1 TR 10:00–11:25
MEETS: JAN 13–MAY 9
5283020 B2 TR 9:30–10:45
MEETS: JAN 13–MAY 9
5283025 G TR 12:40–2:00
MEETS: JAN 13–MAY 9
5283040 J MF 12:10–1:00
MEETS: JAN 13–MAY 9
Note: SEC F RESTRICTED TO ANY MAJOR OTHER THAN
BUS.
5282045 K TR 8:00–9:15
MEETS: JAN 13–MAY 9

Competitive Strategy MGMT 377 3 Credits
Prereq: MGMT 370
5282005 A MF 10:00–11:25
MEETS: JAN 13–MAY 9
5283010 A2 MF 10:00–11:25
MEETS: JAN 13–MAY 9
5283015 B1 MF 11:00–11:50
MEETS: JAN 13–MAY 9
5283020 B2 MF 11:00–11:50
MEETS: JAN 13–MAY 9
5283025 C1 MF 1:10–2:00
MEETS: JAN 13–MAY 9
5283030 C2 MF 1:10–2:00
MEETS: JAN 13–MAY 9

Entrepreneurship Innov MGMT 310 3 Credits
Prereq: SOPHOMORE CLASSIFICATION
Note: SEC A1, B1, C1 RESTRICTED TO ACCT, BUS S, BUS U,
BUSEC, FIN, MGMT, MIS, MKT, OECM, LSCM, SCM MAJORS ONLY. SEC A2, B2 FOR COLLEGES OTHER THAN
BUSINESS MAJORS.
5318005 A1 TR 12:40–2:00
MEETS: JAN 13–MAY 9
5318010 A2 TR 12:40–2:00
MEETS: JAN 13–MAY 9
5318015 B1 TR 2:10–3:25
MEETS: JAN 13–MAY 9
5318020 B2 TR 2:10–3:25
MEETS: JAN 13–MAY 9
5318025 C1 MF 10:00–11:50
MEETS: JAN 13–MAY 9
5318030 C2 MF 10:00–11:50
MEETS: JAN 13–MAY 9

Feasib Anly&bus Pln MGMT 313 3 Credits
Prereq: MGMT 310
Note: SEC A1, B1 RESTRICTED TO ACCT, BUS S, BUS U,
BUSEC, FIN, MGMT, MIS, MKT, OECM, LSCM, SCM MAJORS ONLY. SEC A2, B2 FOR COLLEGES OTHER THAN
BUSINESS MAJORS.
6779005 A1 T 6:40–9:25PM
MEETS: JAN 13–MAY 9
6779010 A2 T 6:40–9:25PM
MEETS: JAN 13–MAY 9

Organizational Behav MGMT 371 3 Credits
Prereq: MGMT 370
5320005 A TR 11:00–12:15
MEETS: JAN 13–MAY 9
5320010 B TR 2:10–3:25
MEETS: JAN 13–MAY 9

Per&Hum Resour Mgmt MGMT 471 3 Credits
Prereq: JUNIOR STANDING
Note: SEC A1, B1 RESTRICTED TO MGMT MAJORS.
5293005 A1 TR 11:00–12:15
MEETS: JAN 13–MAY 9
5293010 A2 TR 10:00–11:15
MEETS: JAN 13–MAY 9
5293015 B1 TR 8:00–9:15
MEETS: JAN 13–MAY 9
5293020 B2 TR 8:00–9:15
MEETS: JAN 13–MAY 9

PERS&HUM RESOUR MGT MGMT 471 3 CREDITS
Prereq: JUNIOR STANDING
Note: SEC A1, B1 RESTRICTED TO MGMT MAJORS.
5293005 A1 TR 11:00–12:15
MEETS: JAN 13–MAY 9
5293010 A2 TR 10:00–11:15
MEETS: JAN 13–MAY 9
5293015 B1 TR 8:00–9:15
MEETS: JAN 13–MAY 9
5293020 B2 TR 8:00–9:15
MEETS: JAN 13–MAY 9

Soc Responsbty Bus MGMT 419 3 CREDITS
Note: SEC A RESTRICTED TO BUSINESS MAJORS OTHER THAN
P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT
PERMISSION FROM 1200 GERDIN.
5288005 A MF 11:00–12:15
MEETS: JAN 13–MAY 9

Manage of Diversity MGMT 472 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION TO CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MKT 340.
4444005 A1 MF 12:10–1:10
MEETS: JAN 13–MAY 9
Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN THE BUSINESSES COLLEGE
STRATEGIC MANAGEMENT
MGMT 478 3 CREDITS
Prereq: MGMT 370; ACC 285; FIN 301; MKT 340; SOM 301; GRADUATING SENIOR
Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING 2014 IN THE COLLEGE OF BUSINESS

MEETS: JAN 13-MAY 9
5294005  A TR 8:00-9:15 MEETS: JAN 13-MAY 9
5294010  B TR 9:30-10:45 MEETS: JAN 13-MAY 9
5294015  C TR 11:00-12:15 MEETS: JAN 13-MAY 9
5294020  D TR 12:45-2:00 MEETS: JAN 13-MAY 9
5294025  E TR 2:10-3:25 MEETS: JAN 13-MAY 9
5294030  F TR 3:40-5:00 MEETS: JAN 13-MAY 9
5294035  G MW 5:10-6:25 MEETS: JAN 13-MAY 9
5294040  H MW 6:40-7:55 MEETS: JAN 13-MAY 9
5294045  I TR 3:40-5:00 MEETS: JAN 13-MAY 9
5294055  K MW 2:10-3:00 MEETS: JAN 13-MAY 9

INDEPENDENT STUDY
MGMT 490 1-3 CREDITS
Prereq: MGMT 370, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
Note: Department permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

PERSONALITY & MGMT
MGMT 572 3 CREDITS
Prereq: GRADUATE STANDING OR PERMISSION OF INSTRUCTOR

9258005  A R 6:00-9:20PM MEETS: JAN 16-APRIL 10

STRATEGIC MANAGEMENT
MGMT 583 3 CREDITS
Prereq: MGMT 504 OR PERMISSION OF INSTRUCTOR

5816005  A M 6:00-9:00PM MEETS: JAN 13-MAY 9
5816600  XE ARRANGED HERRMANN P MEETS: JAN 14-APRIL 8
Note: RESTRICTED TO BUS majors only.
Section XE is off campus
Course delivery is WWW

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

PHILOSOPHY OF SCIENCE
SCI 601 3 CREDITS
Prereq: ENROLLMENT IN FF PROGRAM
Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.

7256005  A W 2:10-5:00 MEETS: JAN 13-MAY 9

MANAGEMENT INFORMATION SYSTEMS
FUND CPT/RGPMC
MIS 207 3 CREDITS
Prereq: MATR 150 OR PLACEMEMT INTO MATR 140/MATH 141/MATH 142 OR HIGHER
Night exams scheduled. For dates go to http://www.registrar.iastate.edu/students/exams/night-exams.

6633005  1 MWF 1:10-2:00 MEETS: JAN 13-MAY 9
Note: SEC 1 RESTRICTED TO BUS COLLEGE STUDENTS ONLY

6633010  2 MWF 9:00-10:50 W 3:10-4:00 MEETS: JAN 13-MAY 9
6633015  3 MWF 9:00-10:50 R 3:10-4:00 MEETS: JAN 13-MAY 9

MGMT INFO SYSTEMS
MIS 330 3 CREDITS
Note: SEC A1,B1 RESTRICTED TO LSCM, MIS, OSCM, SC, UNDERGRADUATE ONLY. SEC A2,B2 RESTRICTED TO ACC, BUS U, BUSSEC, FIN, LSCM, MKT, MKT, OSCM, SCmajors only.

4394005  A1 MWF 10:00-11:50 MEETS: JAN 13-MAY 9
4394010  A2 MWF 10:00-11:50 MEETS: JAN 13-MAY 9
4394015  B1 TR 2:10-3:25 MEETS: JAN 13-MAY 9
4394020  B2 TR 2:10-3:25 MEETS: JAN 13-MAY 9
4394025  C1 TR 3:40-5:00 MEETS: JAN 13-MAY 9
4394030  C2 TR 3:40-5:00 MEETS: JAN 13-MAY 9
4394035  D1 MWF 1:10-2:00 MEETS: JAN 13-MAY 9
4394040  D2 MWF 1:10-2:00 MEETS: JAN 13-MAY 9
4394045  E1 MWF 11:00-11:50 MEETS: JAN 13-MAY 9

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

MGMT INFO SYSTEMS
MIS 330 3 CREDITS

4394050  E2 MWF 11:00-11:50 MEETS: JAN 13-MAY 9
4394055  F1 MWF 2:10-3:00 MEETS: JAN 13-MAY 9
4394060  F2 MWF 2:10-3:00 MEETS: JAN 13-MAY 9
4394065  G1 TR 8:10-9:15 MEETS: JAN 13-MAY 9
4394070  G2 TR 8:10-9:15 MEETS: JAN 13-MAY 9
4394075  J1 WM 6:40-7:55PM MEETS: JAN 13-MAY 9
4394080  J2 WM 6:40-7:55PM MEETS: JAN 13-MAY 9
4394085  K1 WM 8:10-9:25PM MEETS: JAN 13-MAY 9
4394090  K2 WM 8:10-9:25PM MEETS: JAN 13-MAY 9

INTMDS BSNSS PRGRM
MIS 331 3 CREDITS

Prereq: MIS 207/COM S 207 OR COM S 227
Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.
SEC A2 RESTRICTED TO ACC, BUS U, BUSSEC, FIN, LSCM, MKT, MKT, OSCM, SCmajors only.

9608005  A1 WM 12:10-1:00 MEETS: JAN 13-MAY 9
9608010  A2 MWF 12:10-1:00 MEETS: JAN 13-MAY 9

INFO SYST ANALYSIS
MIS 432 3 CREDITS

Prereq: MIS 330
Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.
SEC A2 RESTRICTED TO ACC, BUS U, BUSSEC, FIN, MGMT, MKT, MKT, OSCM, SCmajors only. COURSE IS NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

Available for nonmajor graduate credit

5290005  A1 TR 12:40-2:00 MEETS: JAN 13-MAY 9
5290010  A2 TR 12:40-2:00 MEETS: JAN 13-MAY 9

DATABASE MGT SYSTMS
MIS 433 3 CREDITS

Prereq: CREDIT OR ENROLLMENT IN MIS 333
Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION

Available for nonmajor graduate credit

5289005  A1 TR 11:00-12:15 MEETS: JAN 13-MAY 9
5289010  A2 TR 11:00-12:15 MEETS: JAN 13-MAY 9

INFO SYS INFRASTRUCTURE
MIS 435 3 CREDITS

Prereq: MIS 330
Note: SEC A1,B1 RESTRICTED TO LSCM, MIS, OSCM, SC, UNDERGRADUATE ONLY. SEC A2,B2 RESTRICTED TO ACC, BUS U, BUSSEC, FIN, LSCM, MKT, MKT, OSCM, SCmajors only.

Available for nonmajor graduate credit

6396005  A1 TR 9:30-10:45 MEETS: JAN 13-MAY 9
6396010  A2 TR 9:30-10:45 MEETS: JAN 13-MAY 9

PROJECT MANAGEMENT
MIS 437 3 CREDITS

Note: SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY
SEC A2,B2 RESTRICTED TO ACC, BUS U, BUSSEC, FIN, LSCM, MKT, MKT, OSCM, SCmajors only.

Available for nonmajor graduate credit

4561005  A1 TR 12:40-2:00 MEETS: JAN 13-MAY 9
4561010  A2 TR 12:40-2:00 MEETS: JAN 13-MAY 9
4561015  B1 TR 11:00-12:15 MEETS: JAN 13-MAY 9
4561020  B2 TR 11:00-12:15 MEETS: JAN 13-MAY 9

INFO SYSTEM DEVELOPMENT
MIS 438 3 CREDITS

Prereq: MIS 432, MIS 433, CREDIT OR ENROLLMENT IN MIS 435
Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY
SEC A2 RESTRICTED TO ACC, BUS U, BUSSEC, FIN, LSCM, MKT, MKT, OSCM, SCmajors only.

Available for nonmajor graduate credit

5291005  A1 TR 8:00-9:15 MEETS: JAN 13-MAY 9
5291010  A2 TR 8:00-9:15 MEETS: JAN 13-MAY 9
MANAGEMENT INFORMATION SYSTEMS  (CONTINUED)

ENTERPRISE SYS & ARCH  MIS  445  3 CREDITS
Prereq: MIS 435
Note: COURSE RESTRICTED TO MIS MAJORS ONLY
7696005 A TR 6:40-7:55PM
MEETS: JAN 13-MAY 9

ADV BUSINESS ANALYTICS MIS  446  3 CREDITS
Prereq: MIS 450
Note: Available for nonmajor graduate credit
9113005 A1 TR 2:10-3:25
MEETS: JAN 13-MAY 9
9113010 A2 TR 2:10-3:25
MEETS: JAN 13-MAY 9

ERP SYS & SUPPLY CHAIN MIS  450  3 CREDITS
Prereq: SCM 301, MIS 330 OR E 148, I 141
Note: Available for nonmajor graduate credit
6653005 A1 WRF 10:00-10:50
MEETS: JAN 13-MAY 9
6653010 A2 WRF 10:00-10:50
MEETS: JAN 13-MAY 9

MANAGEMENT INFO SYSTM MIS  501  3 CREDITS
Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
Note: Department permission required 1st week.
9126600 A R 5:50-7:20PM
MEETS: FNP 16-APRIL 10

TELECOMMUNICATIONS MGT MIS  535  3 CREDITS
Prereq: MIS 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
8679005 A R 6:00-9:20PM
MEETS: JAN 16-APRIL 10

SPECIAL TOPICS MIS  590  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
*****

RESEARCH IN MIS MIS  599  3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
8081005 A W 6:00-9:20PM
MEETS: JAN 15-APRIL 9

CREATIVE COMPONENT MIS  599  3 CREDITS
Prereq: GRADUATE CLASSIFICATION, PERMISSION OF SUPERVISORY COMMITTEE CHAIR
*****

BEHAVIOR ISS IS RSRCH  MIS  601  3 CREDITS
Prereq: MIS 501 OR EQUIVALENT, ENROLLMENT IN PHD PROGRAM
7511005 A R 9:00-11:50
MEETS: JAN 13-MAY 9

MARKETING (CONTINUED)

PRIN OF MARKETING MKT  340  3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN ECON 101
Note: CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MGMT 370 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND SCM 301.
5352005 A WRF 2:10-3:00
MEETS: JAN 13-MAY 9

5352010 B TR 3:40-5:00
MEETS: JAN 13-MAY 9

5352015 C TR 12:40-2:00
MEETS: JAN 13-MAY 9

5352020 D W 6:40-9:25PM
MEETS: JAN 13-MAY 9

5352025 E TR 4:30-5:30
MEETS: JAN 13-MAY 9

MARKTG RESEARCH TCNQ MKT  444  3 CREDITS
Prereq: MKT 340
Note: COURSE RESTRICTED TO MKT MAJORS ONLY
5359005 A TR 9:30-10:50
MEETS: JAN 13-MAY 9

MARKETING
MATERIALS ENGINEERING

MATERIALS PLANNING

MAT E 201  R CREDIT

Prereq: SOPHOMORE CLASSIFICATION IN MAT E

Satisfactory-Fail Only.

5726005  4 11:00-11:50  MEETS: JUN 13-MAY 9

MATERIALS ENGINEERING

INTRO MTRLS SCI I

MAT E 215  3 CREDITS

Prereq: MAT E 215, CREDIT OR ENROLLMENT IN PHYS 221

6333005  A 12:10-1:00  T 9:00-11:50  MEETS: JUN 13-MAY 9

6333010  B 12:10-1:00  R 9:00-11:50  MEETS: JUN 13-MAY 9

6333015  C 12:10-1:00  T 12:10-2:00  MEETS: JUN 13-MAY 9

6333020  D 12:10-1:00  B 12:10-2:00  MEETS: JUN 13-MAY 9

INTRO MTRLS SCI II

MAT E 216  4 CREDITS

Prereq: MAT E 215, CREDIT OR ENROLLMENT IN PHYS 222, MAJOR IN MATERIALS ENGINEERING

7497005  A 10:00-10:50  MF 9:00-9:50  MEETS: JUN 13-MAY 9

7497010  B 10:00-10:50  W 3:10-6:00PM  MEETS: JUN 13-MAY 9

7497015  C 10:00-10:50  R 3:10-6:00PM  MEETS: JUN 13-MAY 9

7497020  D 10:00-10:50  T 3:10-6:00PM  MEETS: JUN 13-MAY 9

7497025  E 10:00-10:50  F 13:00-1:50  MEETS: JUN 13-MAY 9

GLOBLIZTN &SUSTAINB

MAT E 220  3 CREDITS

Prereq: T SC/ANTHR/ENV S/GLOBE/MAT E/M E/SOC 220; MAJOR IN MATERIALS ENGINEERING

9059005  1 11:00-11:50  MF 11:00-11:50  MEETS: JUN 13-MAY 9

9059010  2 11:00-11:50  MF 11:00-11:50  ARRANGED  MEETS: JUN 13-MAY 9

PRIN MTRLS SCI&ENG

MAT E 273  3 CREDITS

Prereq: SOPHOMORE CLASSIFICATION; CHEM 167 OR CHEM 177; MAT E 215

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MAT E 215, MAT E 272, MAT E 273, MAT E 392. RESTRICTED TO COLLEGE OF ENGR SOPHOMORES AND ABOVE.

3814005  MF 11:00-11:50  MEETS: JUN 13-MAY 9

COOPERATIVE EDUC

MAT E 298  R CREDIT

Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES

7495005  A 11:00-1:50  M 11:00-1:50  MEETS: JUN 13-MAY 9

7495010  B 11:00-1:50  W 11:00-1:50  MEETS: JUN 13-MAY 9

7495015  C 11:00-1:50  R 11:00-1:50  MEETS: JUN 13-MAY 9

KINETC&PHASE EQ

MAT E 272  3 CREDITS

Prereq: MAT E 272, MAT E 273, MAT E 392; MAJOR IN MATERIALS ENGINEERING

5726005  A 11:00-11:50  MEETS: JUN 13-MAY 9

5726010  B 11:00-11:50  MEETS: JUN 13-MAY 9

COMPUT MTDRS MATRIS

MAT E 316  3 CREDITS

Prereq: MAT E 215

Note: Available for nonmajor graduate credit

6576005  MF 1:10-2:00  W 1:10-2:00, ARRANGED  MEETS: JUN 13-MAY 9

CERAM PROCES: FIRING

MAT E 322  3 CREDITS

Prereq: MAT E 321

Note: Available for nonmajor graduate credit

6592005  A 9:00-9:50  T 8:00-10:50  MEETS: JUN 13-MAY 9

6592010  B 9:00-9:50  R 8:00-10:50  MEETS: JUN 13-MAY 9
MATERIALS ENGINEERING (CONTINUED)

SEMICD NTPALSDLV M S E 332 3 CREDITS
Prereq: PHYS 222; ADDITIONAL PREREQ FOR MAT E 334; ADDITIONAL PREREQ FOR E 314 AND E 315
MAJORS: E 314, E 315, E 334
Note: Available for nonmajor graduate credit
6597005 TR 12:40-2:00
MEETS: JAN 13-MAY 9
ELEC&MAGN PROP MTRL M S E 334 3 CREDITS
Prereq: MAT E 317
Note: Available for nonmajor graduate credit
6596005 MW 2:10-3:00
F 2:10-3:00, ARRANGED
MEETS: JAN 13-MAY 9
PRIN NONDESTRC TEST M S E 362 3 CREDITS
Prereq: PHYS 112 OR PHYS 222
Note: Available for nonmajor graduate credit
5045005 A 5:30-6:00PM
MEETS: JAN 13-MAY 9
5046010 B 5:30-6:00PM
MEETS: JAN 13-MAY 9
TOYING WITH TECHNOL M S E 370 3 CREDITS
Prereq: C I 201 OR C I 202
5939005 A TR 1:10-3:00
MEETS: JAN 13-MAY 9
INTRO WOHN IN INDUS M S E 391 3 CREDITS
Note: CREDIT TOWARD GRADUATION FOR MAT E 391 ALLOWABLE ONLY UPON COMPLETION OF MAT E 392
Meets U.S. diversity reqmt.
Satisfactory-Fail Only.
5681005 A 5:30-6:00PM
MEETS: JAN 13-MAY 9
9680005 ARRANGED
MEETS: JAN 13-MAY 9
ENGR INTERNSHIP M S E 397 R CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES; JR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS
COOPERATIVE EDUC M S E 398 R CREDIT
Prereq: MAT E 298, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS
PRO PRACTICE II M S E 414 3 CREDITS
Prereq: SENIOR CLASSIFICATION
6650005 MW 10:00-10:50
ARRANGED
MEETS: JAN 13-MAY 9
MECHANCL BEHAVR M S E 418 3 CREDITS
Prereq: MAT E 216, CREDIT OR ENROLLMENT IN E M 324
Note: Available for nonmajor graduate credit
6585005 MW 12:10-1:00
MEETS: JAN 13-MAY 9
MICROELEC FABRICATN M S E 432 4 CREDITS
Prereq: PHYS 222, MATH 267. RECOMMENDED: E E 332 OR MAT E 334.
F 3:10-4:00, ARRANGED
Note: Available for nonmajor graduate credit
6677005 MW 12:10-1:00
MEETS: JAN 13-MAY 9
PHYS MET FERR ALLOY M S E 443 3 CREDITS
Prereq: MAT E 214, MAT E 216, CREDIT OR ENROLLMENT IN MAT E 311
Note: Available for nonmajor graduate credit
6679005 MW 8:00-8:50
F 8:00-8:50, ARRANGED
MEETS: JAN 13-MAY 9
CORROS&FALLUR ANLY M S E 444 3 CREDITS
Prereq: MAT E 216, CREDIT OR ENROLLMENT IN MAT E 418
Note: Available for nonmajor graduate credit
6680005 A MF 1:10-2:00
T 3:10-4:00, ARRANGED
MEETS: JAN 13-MAY 9
6680010 B MF 1:10-2:00
T 4:10-5:00, ARRANGED
MEETS: JAN 13-MAY 9
6680015 C MF 1:10-2:00
T 1:10-2:00, ARRANGED
MEETS: JAN 13-MAY 9
MATERIALS ENGINEERING (CONTINUED)

POLYMR CMPOSIT&PROC M S E 454 3 CREDITS
Prereq: MAT E 351
Note: Available for nonmajor graduate credit
6603005 TR 10:10-11:30
MEETS: JAN 13-MAY 9
RARE EARTH METALS M S E 457 3 CREDITS
Prereq: MAT E 311 OR CHEM 125; CHEM 324 OR PHYS 322
6598005 TR 9:30-10:50
MEETS: JAN 13-MAY 9
6598000 XE ARRANGED
Note: Section XE is off campus
Course delivery is WW.
MULTIDISC ENGR DSGN M S E 466 3 CREDITS
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
1700005 A MW 4:10-5:00, ARRANGED
MEETS: JAN 13-MAY 9
INDEPENDENT STUDY M S E 490 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
COOPERATIVE EDUC M S E 498 R CREDIT
Prereq: MAT E 398, PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
******* SEE DEPT FOR REFERENCE NUMBERS
MATERIALS SCIENCE & ENGINEERING

BHVMFG POLYMERCMPS M S E 521 3 CREDITS
Prereq: M S E 324 OR MAT E 272 AND E M 324
5075005 TR 12:30-2:00
MEETS: JAN 13-MAY 9
5075000 XE ARRANGED
Note: Section XE is off campus
Course delivery is WW.
SOLID STATE SCIENCE M S E 530 3 CREDITS
Prereq: MAT E 334 OR CHEM 332 OR PHYS 322
5616005 MW 4:10-5:00
MEETS: JAN 13-MAY 9
ELETRN PROPR MATRLS M S E 539 3 CREDITS
8550005 TR 9:30-10:50
MEETS: JAN 13-MAY 9
FUND NONDESTRU EVAL M S E 550 4 CREDITS
Prereq: E M 324, MATH 385
5850005 TR 9:00-10:50
MEETS: JAN 13-MAY 9
POLYMR CMPOSIT&PROC M S E 554 3 CREDITS
Prereq: MAT E 351
3507005 TR 2:10-3:30
MEETS: JAN 13-MAY 9
RARE EARTH METALS M S E 557 3 CREDITS
Prereq: MAT E 311 OR CHEM 325; CHEM 324 OR PHYS 322
6571005 TR 9:30-10:50
MEETS: JAN 13-MAY 9
6571000 XE ARRANGED
Note: Section XE is off campus
Course delivery is WW.
MCH COMPOSITE MTLRS M S E 559 3 CREDITS
5602005 1 MW 12:10-1:00
MEETS: JAN 13-MAY 9
SPECIAL TOPICS M S E 590 VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS
MATERIALS SEMINAR M S E 601 1 CREDIT
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
6399005 R 3:10-4:00
MEETS: JAN 13-MAY 9
ACAD TEACH PRACTCES M S E 610 2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
5685005 MW 9:00-9:50
MEETS: JAN 13-MAY 9
FUND PHAS TRANSFER M S E 620 3 CREDITS
Prereq: E M 324
5686005 TR 9:30-10:50
MEETS: JAN 13-MAY 9
### MATERIALS SCIENCE & ENGINEERING (CONTINUED)

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### MATHEMATICS

#### HIGH SCHOOL ALGEBRA

- **Course Code**: MATH 10
- **Credits**: 0
- **Prerequisites**: Developmental Math Fee Applies. See [Website](http://www.iastate.edu/~ registrar/fees/feeinfo.html)

#### INTRO PROBABILITY/MATHEMATICS

- **Course Code**: MATH 104
- **Credits**: 3
- **Prerequisites**: Satisfactory performance on Placement Exam, 2 yrs of HS Algebra, 1 yr of HS Geometry

#### COLLEGE ALGEBRA

- **Course Code**: MATH 140
- **Credits**: 3
- **Prerequisites**: Satisfactory performance on Placement Exam, 2 yrs of HS Algebra, 1 yr of HS Geometry

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### DISC MATH BUS&SOC SC

- **Course Code**: MATH 150
- **Credits**: 3
- **Prerequisites**: Course is a World Wide Web Lecture. The scheduled hour is for Lab Sessions only. The two scheduled hours are for exams and help sessions only.

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### TRIG & ANALYSIS

- **Course Code**: MATH 142
- **Credits**: 3
- **Prerequisites**: Satisfactory performance on Placement Exam, 2 yrs of HS Algebra, 1 yr of HS Geometry

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**Note:** Section XW is off campus Course delivery is WWW
## MATHEMATICS (CONTINUED)

**DISC MATH BUS & SOC S**  
**MATH 150**  
3 CREDITS

<table>
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| 5135035 | G ARRANGED, W 3:10-4:00 MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135040 | H ARRANGED, T 4:10-5:00 MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135045 | J ARRANGED, T 1:10-2:00 MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135105 | K ARRANGED, T 9:00-9:50 MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135110 | L ARRANGED  
T 10:00-10:50  
MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135120 | N ARRANGED  
R 10:00-10:50  
MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135125 | P ARRanged, R 4:10-5:00  
MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135130 | Q ARRANGED, R 1:10-2:00  
MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135135 | R ARRANGED, R 2:10-3:00  
MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135140 | T ARRANGED, R 3:10-4:00  
MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135145 | U ARRANGED, F 9:00-9:50  
MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135150 | V ARRANGED  
F 10:00-10:50  
MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135155 | Y ARRANGED, T 2:10-3:00  
MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |
| 5135160 | Z ARRANGED, T 3:10-4:00  
MEETS: JAN 13-MAY 9  
Note: Course delivery is WWW  
Section info: http://orion.math.iastate.edu/mathbus |

**SURVEY OF CALCULUS**  
**MATH 160**  
**4 CREDITS**

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
Exam, 2 yrs of high school algebra, 1 yr of geometry  
Note: Only one of the following courses/sequences of courses may be applied toward graduation: MATH 151, 160, 161-166, 181-182. If math 160, math 161 and math 151 are taken, only 5 credits can be applied toward graduation. Credits earned in math 160 cannot be applied toward graduation by math majors.

## MATHEMATICS (CONTINUED)

**BUS & SOC SCI CALC**  
**MATH 151**  
**3 CREDITS**

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| 5136090 | H MF 12:10-1:00  
MEETS: JAN 13-MAY 9  
R 3:10-4:00  |
| 5136045 | J MF 12:10-1:00  
MEETS: JAN 13-MAY 9  
R 1:10-2:00  |
| 5136050 | K MF 12:10-1:00  
MEETS: JAN 13-MAY 9  
R 1:10-2:00  |
| 5136055 | L MF 8:00-8:50 T 10:00-10:50  
MEETS: JAN 13-MAY 9  |

**SURVEY OF CALCULUS**  
**MATH 160**  
**4 CREDITS**

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
Exam, 2 yrs of high school algebra, 1 yr of geometry, 1 semester of trigonometry or enrollment in math 141 or math 142  
Note: Only one of the following courses/sequences of courses may be applied toward graduation: MATH 151, 160, 161-166, 181-182. Night exams scheduled. For dates go to 
http://www.registrar.iastate.edu/students/exams/night-exams.

## MATHEMATICS (CONTINUED)

**CALCULUS I**  
**MATH 165**  
**4 CREDITS**

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT  
Exam, 2 yrs of high school algebra, 1 yr of geometry, 1 semester of trigonometry or enrollment in math 141 or math 142  
Note: Only one of the following courses/sequences of courses may be applied toward graduation: MATH 151, 160, 161-166, 181-182.
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**CALCULUS II MATH 166 4 CREDITS**

Prereq: GRADE OF C- OR BETTER IN MATH 165 OR HIGH MATH PLACEMENT SCORES.

Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182. Night exams scheduled. For dates go to:

http://www.registrar.iastate.edu/students/exams/night-exams.

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**MATH FOR ELEM ED I MATH 195 3 CREDITS**

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY, 1 SEMESTER OF TRIGONOMETRY OR ENROLLMENT IN MATH 141 OR MATH 142.

Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182. CREDITS EARNED IN MATH 195 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182. CREDITS EARNED IN MATH 182 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

Note: Section XW is off campus

**MATH FOR ELEM ED II MATH 196 3 CREDITS**

Prereq: GRADE OF C- OR BETTER IN MATH 195 AND ENROLLMENT IN ELEMENTARY EDUCATION OR EARLY CHILDHOOD EDUCATION.

Note: CREDITS EARNED IN MATH 196 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

Night exams scheduled. For dates go to:

http://www.registrar.iastate.edu/students/exams/night-exams.

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**INTRO TO PROOFS MATH 201 3 CREDITS**

Prereq: MATH 166 OR MATH 166H.

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**MATCRESALINEAR ALGB MATH 207 3 CREDITS**

Prereq: 2 SEMESTERS OF CALCULUS.

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 207, MATH 307, MATH 317.

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**LIFE SCI CALCANDL I MATH 181 4 CREDITS**

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY, 1 SEMESTER OF TRIGONOMETRY OR ENROLLMENT IN MATH 141 OR MATH 142.

Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151, 160, 165-166, 181-182. CREDITS EARNED IN MATH 181 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

Note: CREDITS EARNED IN MATH 181 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
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**DIFF EQ & TRANSFMS**

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**DIFF EQ & TRANSFMS (CONTINUED)**
NUMERICAL ANALYSIS II  MATH 562  3 CREDITS  
Prereq: MATH 317  
7503005  TR 12:40-2:00  
MEETS: JAN 13-MAY 9
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### MECHANICAL ENGINEERING (CONTINUED)

#### MFG ENGINEERING LAB

**M E 324L**

1 CREDIT

**Prereq:** M E 270, MAT E 273

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**MEETS:** JAN 13-MAY 9

#### MACHINE DESIGN

**M E 325**

3 CREDITS

**Prereq:** M E 170, E M 324

**Note:** COURSE RESTRICTED TO M E AND A E MAJORS ONLY

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**MEETS:** JAN 13-MAY 9

#### THERMODYNAMICS II

**M E 332**

3 CREDITS

**Prereq:** M E 231

**Note:** COURSE RESTRICTED TO M E MAJORS ONLY

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<td>4878015</td>
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**MEETS:** JAN 13-MAY 9

**Note:** Section XE is off campus

**Course delivery is WWW**

#### FLUID FLOW

**M E 335**

4 CREDITS

**Prereq:** CREDIT OR ENROLLMENT IN M E 332, E M 345, MATH 264 OR MATH 267

**Note:** 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E MAJORS ONLY.

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**MEETS:** JAN 13-MAY 9

### ENGR INTERNSHIP

**M E 397**

R CREDIT

**Prereq:** PERMISSION OF DEPARTMENT AND CAREER SERVICES

**Course delivery is WWW**

### ENGINRNG MEASUREMENTS

**M E 370**

3 CREDITS

**Prereq:** E E 442, STAT 305

**Note:** COURSE RESTRICTED TO M E MAJORS ONLY.

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**MEETS:** JAN 13-MAY 9

### ADV MACHINE DESIGN

**M E 417**

3 CREDITS

**Prereq:** M E 325, MAT E 273

**Note:** Available for nonmajor graduate credit

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**MEETS:** JAN 13-MAY 9

**Note:** Section XE is off campus

**Course delivery is WWW**

### MECH CONSID ROBOTCS

**M E 418**

3 CREDITS

**Prereq:** CREDIT OR ENROLLMENT IN M E 421

**Note:** COURSE RESTRICTED TO M E MAJORS ONLY

<table>
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**MEETS:** JAN 13-MAY 9

**Note:** Section XE is off campus

**Course delivery is WWW**

### SYST DYNAM & CONTROL

**M E 421**

3 CREDITS

**Prereq:** E E 345, MATH 267, E E 442, E E 448

**Note:** COURSE RESTRICTED TO M E MAJORS ONLY

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**MEETS:** JAN 13-MAY 9
MECHANICAL ENGINEERING (CONTINUED)

HEAT TRANSFER  M E  436   4 CREDITS
Prereq: M E 335
Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E,
CON E, A E MAJORS.
Available for nonmajor graduate credit
5711005  A MWF 8:00-8:50
       MEETS: JAN 13-MAY 9
5711015  T 1 10:00-11:50
       MEETS: JAN 13-MAY 9
5711020  T 1 11:00-11:50
       MEETS: JAN 13-MAY 9
5711025  W 9:00-10:50
       MEETS: JAN 13-MAY 9
5711030  R 11:00-12:50
       MEETS: JAN 13-MAY 9
5711035  M 3:10-5:00
       MEETS: JAN 13-MAY 9
5711040  W 11:00-12:50
       MEETS: JAN 13-MAY 9
5711045  M 3:10-5:00
       MEETS: JAN 13-MAY 9
5711050  T 1 10:00-11:50
       MEETS: JAN 13-MAY 9
5711060  F 11:00-12:50
       MEETS: JAN 13-MAY 9
5711070  W 11:00-12:50
       MEETS: JAN 13-MAY 9
5711075  R 1 10:00-11:50
       MEETS: JAN 13-MAY 9

INTRO COMBUSTN ENGR  M E  437   3 CREDITS
Prereq: M E 332 OR EQUIVALENT; CREDIT OR ENROLLMENT
IN M E 335 OR EQUIVALENT
8664005  MWF 10:00-11:50
       MEETS: JAN 13-MAY 9
8664600  XE ARRANGED
       MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW

HEAT & AIR COND DSIGN  M E  442   3 CREDITS
Prereq: M E 441
Note: Available for nonmajor graduate credit
4893005  T 1 10:00-11:50
       MEETS: JAN 13-MAY 9

FLUID DYN TURBOMACH  M E  448   3 CREDITS
Prereq: M E 335 OR EQUIVALENT
Note: Course restricted to M E MAJORS ONLY.
Available for nonmajor graduate credit
4898005  TR 12:40-2:30
       MEETS: JAN 13-MAY 9

ENGINEER ACOUSTICS  M E  451   3 CREDITS
Prereq: PHYS 221 AND MATH 266 OR MATH 267
Note: Restricted to ENGR COLLEGE MAJORS SOPHOMORE AND
ABOVE. LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB
IS HELD.
Available for nonmajor graduate credit
4901005  TR 4:10-5:30
       MEETS: JAN 13-MAY 9

MULTIDISC ENGR DSIGN  M E  466   3 CREDITS
Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
GRADUATION, PERMISSION OF INSTRUCTOR
Note: Available for nonmajor graduate credit
1903005  A MW 4:10-5:00, ARRANGED
       MEETS: JAN 13-MAY 9

MODELING & SIMULATN  M E  475   3 CREDITS
Prereq: M E 421, CREDIT OR ENROLLMENT IN M E 436
Note: Available for nonmajor graduate credit
4903005  A MWF 9:00-10:50
       MEETS: JAN 13-MAY 9

SUSTNBT SCI ENG DSIGN  M E  479   3 CREDITS
Prereq: ANY ENGINEERING DESIGN COURSE
Note: Available for nonmajor graduate credit
4282005  A MWF 11:00-11:50
       MEETS: JAN 13-MAY 9

MECHANICAL ENGINEERING (CONTINUED)

INDEP STUDY HONORS  M E  490H   1-6 CREDITS
Prereq: SR CLASSIFICATION, MEMBERSHIP IN HONORS PROG
Note: Course restricted to university honors students
only
******* SEE DEPT FOR REFERENCE NUMBERS

IND STY THERMODYN  M E  490J   1-6 CREDITS
Prereq: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU NUCL ENGR  M E  490M   1-6 CREDITS
Prereq: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU DSIGN OPTMIZ  M E  490O   1-6 CREDITS
Prereq: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU THERMO-FLUID  M E  490R   1-6 CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

IND STU EMERGI AREA  M E  490S   1-6 CREDITS
Prereq: SENIOR CLASSIFICATION
******* SEE DEPT FOR REFERENCE NUMBERS

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

EC&POLICY ENERGY SYS  M E  510X   3 CREDITS
Prereq: GRADUATE STANDING
Note: Economics majors May not apply credit in M E 510X toward graduation
9706005  A TR 3:30-4:50
       MEETS: JAN 13-MAY 9
9706600  XE ARRANGED
       MEETS: JAN 13-MAY 9
       MORROW W
Note: Section XE is off campus
Course delivery is WWW

ADV CONTROL DESIGN  M E  511   3 CREDITS
Prereq: M E 411
8144005  A TR 9:30-10:50
       MEETS: JAN 13-MAY 9
8144600  XE ARRANGED
       MEETS: JAN 13-MAY 9
       KELKAR A
Note: Section XE is off campus
Course delivery is WWW

ADV MACHINE DESIGN  M E  517   3 CREDITS
8809005  A TR 9:30-10:50
       MEETS: JAN 13-MAY 9
8809600  XE ARRANGED
       MEETS: JAN 13-MAY 9
       SHROTRIYA P
Note: Section XE is off campus
Course delivery is WWW

MECH CONSID ROBOTCS  M E  518   3 CREDITS
Prereq: CREDIT OR ENROLLMENT IN M E 421
7960005  TR 12:40-2:00
       MEETS: JAN 13-MAY 9
7960600  XE ARRANGED
       MEETS: JAN 13-MAY 9
       LUECKE G
Note: Section XE is off campus
Course delivery is WWW

BHVDWFG POLYMFCMPS  M E  521   3 CREDITS
Prereq: M E 324 OR MAT E 272 AND M E 324
4926005  TR 12:30-2:00
       MEETS: JAN 13-MAY 9
4926600  XE ARRANGED
       MEETS: JAN 13-MAY 9
       SHROTRIYA P
Note: Section XE is off campus
Course delivery is WWW

MICRO/NUANOMANUFACT  M E  528   3 CREDITS
Prereq: M E 324
1068005  MFN 11:00-11:50
       MEETS: JAN 13-MAY 9
1068600  XE ARRANGED
       MEETS: JAN 13-MAY 9
       CHANDRA A
Note: Section XE is off campus
Course delivery is WWW

COMPRESBL FLUID FLO  M E  532   3 CREDITS
Prereq: AER E 311 OR M E 335
6272005  MFN 11:00-12:00
       MEETS: JAN 13-MAY 9

Note: Available for nonmajor graduate credit

Note: Available for nonmajor graduate credit
MECHANICAL ENGINEERING (CONTINUED)

THROCMH PROC BIOMS M E 535 3 CREDITS
Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS AND TRANSPORT PHENOMENA
4863005 TR 11:00-12:15
MEETS: JAN 13-MAY 9

ADV HEAT TRANSFER M E 536 3 CREDITS
Prereq: M E 416
4933005 A MW 3:10-4:30
MEETS: JAN 13-MAY 9
4933600 XE ARRANGED OLSEN M
MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW

ADVANCED COMBUSTION M E 542 3 CREDITS
Prereq: M E 332 OR CH E 381
4937005 A TR 2:10-3:30
MEETS: JAN 13-MAY 9
4937600 XE ARRANGED KONG S
MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW

MACHINE VISION M E 556X 3 CREDITS
Prereq: MATH 317, M E 421 OR APPROVED BY INSTRUCTOR
9587005 TR 2:10-3:30
MEETS: JAN 13-MAY 9
9587600 XE ARRANGED ZHANG S
MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW

PRIN SURFC ENG & TRIB M E 560X 3 CREDITS
Prereq: GRADUATE STANDING OR M E 325 (OR EQUIV)
9407005 TR 11:00-12:20
MEETS: JAN 13-MAY 9
9407600 XE ARRANGED SUNDARARAJAN S
MEETS: JAN 13-MAY 9
Note: Section XE is off campus
Course delivery is WWW

OPTIMAL CONTROL M E 574 3 CREDITS
Prereq: E E 577
8197005 MWF 9:00-9:50
MEETS: JAN 13-MAY 9

INTRO ROBUST CTRL M E 575 3 CREDITS
Prereq: E E 577
3080005 A TR 8:00-9:20
MEETS: JAN 13-MAY 9

DIGIT FEEDBC KNTL M E 576 3 CREDITS
Prereq: E E 475 OR AER E 432 OR M E 411 OR M E 414 OR MATH 415 AND MATH 227
8198005 TR 2:10-3:30
MEETS: JAN 13-MAY 9

NONLINEAR SYSTEMS M E 578 3 CREDITS
Prereq: E E 577
8200005 TR 9:30-10:50
MEETS: JAN 13-MAY 9

SP TOP LIT INVESTIG M E 590Q 1-8 CREDITS
Satisfactory-Fail Only.

RESEARCH M E 699 VAR. CREDITS
Satisfactory-Fail Only.

MECHANICAL ENGINEERING (CONTINUED)

ADV TOP AUTO CTRL M E 690I VAR. CREDITS
Satisfactory-Fail Only.

ADV TOP MATLS BEHAV M E 690K VAR. CREDITS
Satisfactory-Fail Only.

ADV TOP MFG PROCESS M E 690L VAR. CREDITS
Satisfactory-Fail Only.

ADV TOPIC TRIBOLOGY M E 690M VAR. CREDITS
Satisfactory-Fail Only.

ADV TOP SENSITV MTHD M E 690N VAR. CREDITS
Satisfactory-Fail Only.

ADV TOP ENGR COMPUT M E 690Q VAR. CREDITS
Satisfactory-Fail Only.

ADV TOP ENGR MEASUR M E 690P VAR. CREDITS
Satisfactory-Fail Only.

ADV TOP LI T INVESTG M E 690Q VAR. CREDITS
Satisfactory-Fail Only.

ENGINEERG INTERNSHP M E 697 R CREDIT
Prereq: PERMISSION OF DIRECTOR OF GRADUATE EDUCATION, GRAD CLASSIFICATION
8151005 ARRANGED
MEETS: JAN 13-MAY 9

RESEARCH M E 699 VAR. CREDITS
Satisfactory-Fail Only.

MATERIOLOGY

WORLD WATER RESOURC MTEOR 160 3 CREDITS
3242005 MWF 9:00-9:50
MEETS: JAN 13-MAY 9

INTRO WEATHER & CLIMT MTEOR 206 3 CREDITS
5375005 MWF 2:10-3:00
MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN MTEOR 298 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; HONORS CLASSIFICATION
4813005 ARRANGED
MEETS: JAN 13-MAY 9

GEN METEOROLG I MTEOR 301 4 CREDITS
5376005 MTWF 9:00-9:50
MEETS: JAN 13-MAY 9

METEOROL INTERNSHP MTEOR 321 1-2 CREDITS
Prereq: MTEOR 311; JR OR SR STANDING; PERMISSION OF COOP PROGRAM COORD; ACCEPTANCE BY SPONSORING AGENCY
5381005 ARRANGED
MEETS: JAN 13-MAY 9

ENERGY 4 THE ENVIRON MTEOR 324 3 CREDITS
5614005 1 MW 11:00-11:50
MEETS: JAN 13-MAY 9

ATMOSP PHYSICS II MTEOR 342 3 CREDITS
5383005 MWF 10:00-10:50
MEETS: JAN 13-MAY 9

COOPERATIVE EDUCATN MTEOR 398 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4823005 ARRANGED
MEETS: JAN 13-MAY 9

Note: Department permission required.

GLOBAL CHANGE MTEOR 404 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING
Note: Available for nonmajor graduate credit
8141005 MWF 11:00-11:50
MEETS: JAN 13-MAY 9

MESOSCALE METEORLG MTEOR 407 3 CREDITS
Prereq: MATH 166, MTEOR 404
1066005 TR 8:30-10:50
MEETS: JAN 13-MAY 9

Syllabus: http://www.meteor.iastate.edu/classes/mt404
### Mетеорология (продолжение)

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### Микробиология

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### Microbiology (Continued)

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<td>BACT-PLANT INTERACT</td>
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### Microbiology (Continued)

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### Microbiology (Continued)

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### Microbiology (Continued)

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### Microbiology (Continued)

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### Microbiology (Continued)

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MILITARY SCIENCE

PREREQ: CONCURRENT ENROLLMENT IN M S 402L AND PERMISSION OF THE MILITARY SCIENCE DEPARTMENT CHAIR.

MEETS: JAN 13-MAY 9

5009015 1 W 4:10-5:30, ARRANGED SOENKSEN J

Note: Instructor permission required.

MOLECULAR CELLULAR DEV BIOLOGY

MOLECULAR GENETICS MCDB 511 3 CREDITS

FREQed: BIOL 313 AND BBMB 405

MEETS: JAN 13-MAY 9

5303005 MWF 9:00-9:50

Note: Department permission required.

SPECIAL TOPICS MCDB 590 VAR. CREDITS

5260005 ARRANGED

MEETS: JAN 13-MAY 9

BIOCH EUCARYOT GENE MCDB 676 2 CREDITS

FREQed: BBMB 411 OR BBMB 501, BBMB 405 OR BBMB 502 OR GDCB 511

1849005 TR 11:00-12:20

MEETS: JAN 13-MAY 9

GRAD RESEARCH ROTATN MCDB 697 1-6 CREDITS

Satisfactory-Pass Only.

7280005 ARRANGED

MEETS: JAN 13-MAY 9

SEMNOLEC,C,DV BIO MCDB 698 1-2 CREDITS

Note: COURSE OFFERED FOR 1 CREDIT SPRING 2014

5275005 M 3:10-5:00

MEETS: JAN 13-MAY 9

RESEARCH MCDB 699 VAR. CREDITS

Note: DEPT REFERENCE NUMBERS

MUSIC

FUNDAMNTLS OF MUSIC MUSIC 101 2 CREDITS

FREQed: ABILITY TO READ ELEM MUSICAL NOTATION

7180005 A MWF 9:00-9:50

MEETS: JAN 13-MAY 9

7180100 B MWF 9:00-9:50

MEETS: JAN 13-MAY 9

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS

Note: Meets international perspectives reqmt

5406005 A MWF 9:00-9:50

MEETS: JAN 13-MAY 9

5406010 B MWF 10:00-10:50

MEETS: JAN 13-MAY 9

5406015 C ARRANGED

MEETS: JAN 13-MAY 9

Note: Course delivery is WWW

BASIC MUSICIANSHIP MUSIC 105 3 CREDITS

FREQed: PERFORMING ARTS MAJOR STATUS OR PERMISSION OF INSTRUCTOR.

2975005 TR 10:10-11:00

MEETS: JAN 13-MAY 9

WIND ENSEMBLE MUSIC 111 1 CREDIT

FREQed: OPEN TO ALL STUDENTS BY AUDITION

5408005 MWF 12:10-1:00

MEETS: JAN 13-MAY 9

CONCERT BAND MUSIC 112 1 CREDIT

FREQed: OPEN TO ALL STUDENTS WHO PERFORMED ON A

5409005 A TR 10:10-11:00

MEETS: JAN 13-MAY 9

5409010 B TR 10:10-11:00

MEETS: JAN 13-MAY 9

JAZZ ENSEMBLE MUSIC 113 1 CREDIT

FREQed: OPEN TO ALL STUDENTS BY AUDITION

5410005 MWF 10:00-11:00

MEETS: JAN 13-MAY 9

FEP BAND MUSIC 114B 1 CREDIT

FREQed: ATR 2:10-3:40

MEETS: JAN 13-MAY 9

SYMPHONIC BAND MUSIC 115 1 CREDIT

FREQed: OPEN TO ALL STUDENTS BY AUDITION

9610005 MWF 11:00-12:00

MEETS: JAN 13-MAY 9
MUSIC
(Continued)

APPLIED MUSIC VOICE MUSIC 118A 1-2 CREDITS
PreReq: AUDITION, PERMISSION OF INSTRUCTOR
Note: CREDIT IN MUSIC 118A WILL NOT SATISFY APPLIED MUSIC REQUIREMENTS FOR MUSIC MAJORS
Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC PIANO MUSIC 118B 1-2 CREDITS
PreReq: AUDITION, PERMISSION OF INSTRUCTOR
Note: CREDIT IN MUSIC 118B WILL NOT SATISFY APPLIED MUSIC REQUIREMENTS FOR MUSIC MAJORS
Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC ORGAN MUSIC 118C 1-2 CREDITS
PreReq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC STRINGS MUSIC 118D 1-2 CREDITS
PreReq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC CARILLON MUSIC 118E 1-2 CREDITS
PreReq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC WOODWIND MUSIC 118F 1-2 CREDITS
PreReq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC BRASS MUSIC 118G 1-2 CREDITS
PreReq: AUDITION, PERMISSION OF INSTRUCTOR
Note: CREDIT IN MUSIC 118G WILL NOT SATISFY APPLIED MUSIC REQUIREMENTS FOR MUSIC MAJORS
Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC PERCUSS MUSIC 118I 1-2 CREDITS
PreReq: AUDITION, PERMISSION OF INSTRUCTOR
Note: CREDIT IN MUSIC 118I WILL NOT SATISFY APPLIED MUSIC REQUIREMENTS FOR MUSIC MAJORS
Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC VOICE MUSIC 119A 1-3 CREDITS
PreReq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC PIANO MUSIC 119B 1-3 CREDITS
PreReq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC ORGAN MUSIC 119C 1-3 CREDITS
PreReq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC STRINGS MUSIC 119D 1-3 CREDITS
PreReq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC CARILLON MUSIC 119E 1-3 CREDITS
PreReq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC WOODWIND MUSIC 119F 1-3 CREDITS
PreReq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC BRASS MUSIC 119G 1-3 CREDITS
PreReq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC PERCUSS MUSIC 119I 1-3 CREDITS
PreReq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
INTR MUSIC LIT&STYL MUSIC 120 3 CREDITS
PreReq: MUSIC 221; MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR
Note: CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION RESTRICED TO MU BA & MU BM MAJORS ONLY
5430005 MWF 9:00-9:50 MEETS: JAN 13-MAY 9

MUSIC
(Continued)

CLASS STUDY PIANO I MUSIC 127 1 CREDIT
PreReq: MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.
Instructor permission required 1st week.
5432005 A MT 12:10-1:00 MEETS: JAN 13-MAY 9

CLASS STUDY PIANO II MUSIC 128 1 CREDIT
PreReq: MUSIC 127 OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.
Instructor permission required 1st week.
5433009 A MW 10:00-11:50 MEETS: JAN 13-MAY 9
5433010 B TR 11:00-12:50 MEETS: JAN 13-MAY 9

LYRICA WOMENS CHOIR MUSIC 141 1 CREDIT
Freed: OPEN TO ALL FEMALE STUDENTS BY AUDITION
4437005 TR 11:00-12:00 MEETS: JAN 13-MAY 9

CANTAMUS MNS CHOIR MUSIC 151A 1 CREDIT
Freed: OPEN TO ALL STUDENTS BY AUDITION
4461005 TR 11:00-12:00 MEETS: JAN 13-MAY 9

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT
Freed: OPEN TO ALL STUDENTS BY AUDITION
4471005 TR 11:00-12:00 MEETS: JAN 13-MAY 9

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT
Freed: OPEN TO ALL STUDENTS BY AUDITION
5443005 TR 4:10-6:00PM MEETS: JAN 13-MAY 9

APPLIED MUSIC VOICE MUSIC 219A 1-3 CREDITS
Freed: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC PIANO MUSIC 219B 1-3 CREDITS
Freed: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC ORGAN MUSIC 219C 1-3 CREDITS
Freed: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC STRINGS MUSIC 219D 1-3 CREDITS
Freed: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC CARILLON MUSIC 219E 1-3 CREDITS
Freed: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC WOODWIND MUSIC 219F 1-3 CREDITS
Freed: AUDITIN, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC BRASS MUSIC 219G 1-3 CREDITS
Freed: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS
APPLIED MUSIC PERCUSS MUSIC 219I 1-3 CREDITS
Freed: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
***** SEE DFTR FOR REFERENCE NUMBERS

CLASS STU PIANO III MUSIC 227 1 CREDIT
Freed: MUSIC 227 OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.
Instructor permission required 1st week.
5455005 A TR 9:00-9:50 MEETS: JAN 13-MAY 9

CLASS STU PIANO IV MUSIC 228 1 CREDIT
Freed: MUSIC 227 OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF THE INSTRUCTOR.
Instructor permission required 1st week.
5456009 A TR 10:00-10:50 MEETS: JAN 13-MAY 9
5456010 B MW 11:00-11:50 MEETS: JAN 13-MAY 9

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MUSIC

MATERLS OF MUSIC I    MUSIC 231    3 CREDITS
Prereq: MUSIC 221, CONCURRENT ENROLLMENT IN MUSIC 221 RECOMMENDED
4382005  A MW 1:10-2:00
MTS: JAN 13-MAY 9
4382010  B MW 10:00-11:50
MTS: JAN 13-MAY 9

AURAL THEORY I    MUSIC 232    1 CREDIT
Prereq: MUSIC 222; CREDIT OR ENROLLMENT
4395005  TR 10:00-11:50
MTS: JAN 13-MAY 9

INTRO MUSIC TECHNOL    MUSIC 246    2 CREDITS
Prereq: MUSIC 101, MUSIC 105, OR MUSIC 221;
OR PERMISSION OF INSTRUCTOR
5578005  MM 1:10-2:00
MTS: JAN 13-MAY 9

MU INSTRUCT TECHNOL    MUSIC 248    2 CREDITS
Prereq: MUSIC 221 AND MUSIC 222
Note: COURSE RESTRICTED TO MUS BM, MUS BAmajors ONLY
4158005  A TR 10:00-11:50
MTS: JAN 13-MAY 9

MUSIC IN ELEM EDUC    MUSIC 265    2 CREDITS
Prereq: HD FS 102 OR PSYCH 230
7209005  A TR 3:10-4:00
MTS: JAN 13-MAY 9
7209010  B TR 2:10-3:00
MTS: JAN 13-MAY 9

INTRO TO MUSIC EDUC    MUSIC 266    2 CREDITS
Prereq: CONCURRENT ENROLLMENT (.5 CR) IN MUSIC
480K
5459005  MM 3:10-4:00
MTS: JAN 13-MAY 9

SPCL PROB EDUCATION    MUSIC 290A    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC,
APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY    MUSIC 290B    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC,
APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION    MUSIC 290C    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC,
APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE    MUSIC 290E    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC,
APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC    MUSIC 290F    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC,
APPROVAL OF DEPARTMENT CHAIR
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 280H    VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC,
APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
Instructor permission required 1st week.
******* SEE DEPT FOR REFERENCE NUMBERS

OPERA/OPRTTA STUDIO    MUSIC 301A    1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8656005  TR 2:10-3:30
MTS: JAN 13-MAY 9

OPERA STD MU THEORY    MUSIC 301B    1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
8670005  ARRANGED
MTS: MARCH 10-MAY 9

HIST MUS WSTN CULTUR    MUSIC 302    3 CREDITS
Prereq: MUSIC 102. NOT OPEN TO MUSIC MAJORS.
Note: CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5407005  MMF 3:10-4:00
MTS: JAN 13-MAY 9

APPLIED MUSIC VOICE    MUSIC 318A    1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE    MUSIC 318B    1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN    MUSIC 318C    1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC STRINGS    MUSIC 318D    1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON MUSIC 318E    1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND MUSIC 318F    1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS    MUSIC 318G    1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO    MUSIC 318H    1- 2 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS    MUSIC 319G    1- 3 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN    MUSIC 319C    1- 3 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC STRINGS    MUSIC 319D    1- 3 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC CARILLON MUSIC 319E    1- 3 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC WOODWIND MUSIC 319F    1- 3 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS    MUSIC 319G    1- 3 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO    MUSIC 319H    1- 3 CREDITS
Prereq: AUDITION, PERMISSION OF INSTRUCTOR
Note: Applied Music fee $150.00-$190.00
******* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE    MUSIC 321A    1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO    MUSIC 321B    1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN    MUSIC 321C    1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE STRINGS    MUSIC 321D    1 CREDIT
Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS
MUSIC (CONTINUED)

ADV ENSEMBLE WOODWINDS  MUSIC 321F  1 CREDIT
Prereq: ADVANCED PROFEICIENCY AND PERFORMING ABILITY; PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS  MUSIC 321G  1 CREDIT
Prereq: ADVANCED PROFEICIENCY AND PERFORMING ABILITY; PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PERCUSSION  MUSIC 321I  1 CREDIT
Prereq: ADVANCED PROFEICIENCY AND PERFORMING ABILITY; PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED  MUSIC 321J  1 CREDIT
Prereq: ADVANCED PROFEICIENCY AND PERFORMING ABILITY; PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

FUNC PIANO FOR KEYBOARD  MUSIC 327A  2 CREDITS
Prereq: MUSIC 228 OR PERMISSION OF INSTRUCTOR
2630005  ARRANGED
MEETS: JAN 13-MAY 9

FUNC PIANO FOR VOICE  MUSIC 327B  2 CREDITS
Prereq: MUSIC 229 OR PERMISSION OF INSTRUCTOR
2636005  ARRANGED
MEETS: JAN 13-MAY 9

MUSIC MATERIALS III  MUSIC 337  3 CREDITS
Prereq: MUSIC 331. CONCURRENT ENROLLMENT IN MUSIC 338 RECOMMENDED.
4410005  A MWF 8:00-8:50
MEETS: JAN 13-MAY 9
4410010  B MWF 9:00-9:50
MEETS: JAN 13-MAY 9

AURAL THEORY III  MUSIC 338  1 CREDIT
Prereq: MUSIC 332, CREDIT OR ENROLLMENT IN MUSIC 337
4415005  TR 8:00-8:50
MEETS: JAN 13-MAY 9

MIDI DIGITAL AUDIO TECH  MUSIC 346  3 CREDITS
Prereq: MUSIC 246 OR PERMISSION OF INSTRUCTOR
NOTE: AVAILABLE FOR NON-MAJOR GRADUATE CREDIT
8436005  M 3:10-4:00
W 3:10-5:00
MEETS: JAN 13-MAY 9

WINDS: FLUTE, SAX, CLARINET  MUSIC 351  2 CREDITS
Prereq: CONCURRENT ENROLLMENT IN MUSIC 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS
5500005  MWF 2:10-3:00
MEETS: JAN 13-MAY 9

BRASS: TRUMPET, BARI-TROMPETTE, TUBA  MUSIC 354  1 CREDIT
Prereq: MUSIC 353 OR PERMISSION OF INSTRUCTOR, CONCURRENT ENROLLMENT IN MUSIC 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS
5503005  TR 11:00-11:50
MEETS: JAN 13-MAY 9

PERCUSSION TECHNIQUE  MUSIC 355  1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN MUSIC 358B IS REQUIRED OF INSTRUMENTAL MUSIC EDUCATION MAJORS
5504005  TR 11:00-11:50
MEETS: JAN 13-MAY 9

LAB ENSEMBLE INSTRUMENTAL MUSIC 358B  1 CREDIT
Satisfactory-Fail Only.
7330005  M 12:10-1:00
MEETS: JAN 13-MAY 9

VOICE PEDAGOGY  MUSIC 360  2 CREDITS
Prereq: MUSIC 319 OR VOCAL PROFICIENCY EXAMINATION
5506005  MWF 1:10-2:00
MEETS: JAN 13-MAY 9

CONDUCTING I: INSTRUMENTAL MUSIC 362B  2 CREDITS
Prereq: MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR; MUSIC 361J; CONCURRENT ENROLLMENT IN MUSIC 358B
1240005  MWF 9:00-9:50
MEETS: JAN 13-MAY 9

CHORAL LITERATURE  MUSIC 367  2 CREDITS
Prereq: MUSIC 361 RECOMMENDED
4597005  TR 4:10-5:00
MEETS: JAN 13-MAY 9

HISTORY OF MUSIC II  MUSIC 384  3 CREDITS
Prereq: MUSIC 383; MUSIC MAJOR STATUS OR PERMISSION OF INSTRUCTOR
NOTE: MEETS INTERNATIONAL PERSPECTIVES REGENT
5512005  MWF 10:00-10:50
MEETS: JAN 13-MAY 9

MUSIC (CONTINUED)

LIT & PEDAGOGY: VOICE  MUSIC 415A  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY: PIANO  MUSIC 415B  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY: ORGAN  MUSIC 415C  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY: STRINGS  MUSIC 415D  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY: WOODWINDS  MUSIC 415F  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY: BRASS  MUSIC 415G  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY: PERCUSSION  MUSIC 415I  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY: JAZZ PERCUSSION  MUSIC 415J  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
********  SEE DEPT FOR REFERENCE NUMBERS

STUDENT TEACHERS (MUSIC 415R)  1-4 CREDITS
Note: OFFERED FOR 8 CREDITS SPRING 2014
6741005  1 ARRANGED
MEETS: MARCH 10-MAY 9

NOTE: OFFERED FOR 8 CREDITS SPRING 2014
6690005  1 ARRANGED
MEETS: JAN 13-MARCH 7

APPLIED MUSIC: VOICE  MUSIC 419A  1-3 CREDITS
Prereq: AUDITION, INSTRUMENT PERMSSION, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
********  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC: PIANO  MUSIC 419B  1-3 CREDITS
Prereq: AUDITION, INSTRUMENT PERMSSION, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
********  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC: ORGAN  MUSIC 419C  1-3 CREDITS
Prereq: AUDITION, INSTRUMENT PERMSSION, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
********  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC: DRUMS  MUSIC 419D  1-3 CREDITS
Prereq: AUDITION, INSTRUMENT PERMSSION, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
********  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC: STRING INSTRUMENTS  MUSIC 419E  1-3 CREDITS
Prereq: AUDITION, INSTRUMENT PERMSSION, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
********  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC: TIMPANI AND PERCUSSION  MUSIC 419F  1-3 CREDITS
Prereq: AUDITION, INSTRUMENT PERMSSION, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
********  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC: WIND INSTRUMENTS  MUSIC 419G  1-3 CREDITS
Prereq: AUDITION, INSTRUMENT PERMSSION, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
********  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC: BRASS INSTRUMENTS  MUSIC 419H  1-3 CREDITS
Prereq: AUDITION, INSTRUMENT PERMSSION, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
********  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC: CARILLON  MUSIC 419I  1-3 CREDITS
Prereq: AUDITION, INSTRUMENT PERMSSION, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
********  SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC: JAZZ PERCUSSION  MUSIC 419J  1-3 CREDITS
Prereq: AUDITION, INSTRUMENT PERMSSION, MUSIC MAJORS ONLY
Note: Applied Music fee $150.00-$190.00
********  SEE DEPT FOR REFERENCE NUMBERS

JR/SR RECITALS: MUSIC 420  1-3 CREDITS
Prereq: ADVANCED PERFORMING ABILITY, PERMISSION OF INSTRUCTOR, CONCURRENT REGISTRATION IN MUSIC 319 OR MUSIC 419
Satisfactory-Fail Only
5584005  ARRANGED
MEETS: JAN 13-MAY 9
Note: COURSES FOR JUNIOR OR SENIOR RECITALS ONLY
SPL TOPC APPL MUSIC MUSIC 590F VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRNC MU MUSIC 590I VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

SEMNSR MUSIC THEORY MUSIC 440 3 CREDITS
Prereq: MUSIC 337, MUSIC 338
Note: Available for nonmajor graduate credit
5523005 MWF 8:00-8:50 MEETS: JAN 13-MAY 9

INSTM ADM,MTLS,MTHD MUSIC 464 2 CREDITS
Prereq: PERMISSION OR ENROLLMENT IN MUSIC 362B
RECOMMENDED
5525005 TR 9:00-9:50 MEETS: JAN 13-MAY 9

FLD EXP TEACH MUSIC MUSIC 480K .5- 2 CREDITS
Note: COURSE OFFERED FOR 1-2 CREDITS SPRING 2013
7691005 2 ARRANGED MEETS: JAN 13-MAY 9

SPL TOP APPL MUSIC MUSIC 590A VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP THEORY MUSIC 590B VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU COMPOSITION MUSIC 490C VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU THEORY MUSIC 490D VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU LITERATURE MUSIC 490E VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU CONDUCTG MUSIC 490G VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

IND STU HONORS MUSIC 490H VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ENGR MUSIC MUSIC 590I VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPEC TOPICS THEORY MUSIC 590B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPEC TOPCS COMPOSIT MUSIC 590C VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT MUSIC 590E VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
Note: Instructor permission required 1st week.
****** SEE DEPT FOR REFERENCE NUMBERS

PRIN INTERPRETATION NREM 330 3 CREDITS
Prereq: 6 CREDITS IN BIOLOGICAL SCIENCES
1070005 TR 4:10-5:00 MEETS: JAN 13-MAY 9
CHRISTOFFEL R
R 3:10-5:00 MEETS: JAN 13-MAY 9
CHRISTOFFEL R

FOREST HERBAC LAYER NREM 358X 1 CREDIT
Prereq: BIOL 212
9575005 M 11:10-2:00 MEETS: MARCH 10-MAY 9
MCMULLEN C

NAT RESOURCES POLICY NREM 385 3 CREDITS
Prereq: JNR CLSTIFICATION
8335005 MWF 10:00-10:50 MEETS: JAN 13-MAY 9
Pritchard J
NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

WATERSHED MANAGEMENT NREM 407 4 CREDITS
Prereq: A COURSE IN GENERAL BIOLOGY
3727005 1 TR 9:30-10:50 SCHULTZ R
T 3:10-6:00PM SCHULTZ R
MEETS: JAN 13-MAY 9
3727010 2 TR 9:30-10:50 SCHULTZ R
T 12:10-3:00 SCHULTZ R
MEETS: JAN 13-MAY 9

GIS&GPS NAT RESOURC NREM 446 3 CREDITS
Prereq: 12 CREDITS IN STUDENT’S MAJOR AT 300 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS
3032005 1 TR 8:00-8:50 WOLTER P
F 12:00-1:00 WOLTER P
MEETS: JAN 13-MAY 9
3032010 2 TR 8:00-8:50 WOLTER P
R 12:10-3:00 WOLTER P
MEETS: JAN 13-MAY 9
3032015 3 TR 8:00-8:50 WOLTER P
W 10:00-1:00 WOLTER P
MEETS: JAN 13-MAY 9
3032020 4 TR 8:00-8:50 WOLTER P
M 10:00-1:00 WOLTER P
MEETS: JAN 13-MAY 9

ECOSYSTEM MANAGEMENT NREM 452 3 CREDITS
Prereq: JR CLASSIFICATION, NREM 301 OR A ECL 312
Note: Available for nonmajor graduate credit
5582005 MR 1:10-2:00 SCHULTE-MOORE L
F 11:00-2:00 SCHULTE-MOORE L
MEETS: JAN 13-MAY 9

FUND REMOTE SENSING NREM 454X 3 CREDITS
Prereq: NREM 120, AND A ECL 312 OR NREM 301, AND JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit
7598005 1 TR 11:00-12:20 HALL R
MEETS: JAN 13-MAY 9

AGROFORESTRY SYSTMS NREM 471 3 CREDITS
Prereq: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
Note: Meets international perspectives reqn
5122005 TR 2:10-3:00
R 3:10-6:00PM MEETS: JAN 13-MAY 9
Note: Field trips & travel fee $40.00

IND STDY ANIMAL ECO NREM 490A 1- 4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISN
******* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISN
******* SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR NREM 490E 1- 4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISN
ARRANGED
8737005 MEETS: JAN 13-MAY 9

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS
Prereq: JR OR SR CLASSIFICATION, INSTRUCTOR PERMISN
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
******* SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONAL TRAVEL NREM 496A 1- 5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets international perspectives reqn
2596005 MEETS: JAN 13-MAY 9
2596800 CR ARRANGED DINSMORE S
MEETS: MARCH 13-24
Note: SEC CR TAUGHT IN COSTA RICA. NATIONAL HISTORY OF COSTA RICA STUDY ABBRAD SPRING 2014. TAUGHT FOR 3 CREDITS SPRING 2014
Study Abroad Administrative Fee Applies

DOMESTIC TRAVEL NREM 496B 1- 5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
2597005 ARRANGED
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

COOPERATIVE EDUC NREM 498 1- 3 CREDITS
Prereq: PERMISSION OF DEPARTMENT CHAIR
Note: Permission of department chair required.
Satisfactory-Fail Only.
7593005 ARRANGED BLODETT S
MEETS: JAN 13-MAY 9

INTRO DNA TECHNIQS NREM 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
3744005 TR 2:10-4:00
MEETS: JAN 14-FEB 13

INTR PROTEIN TECHNQ NREM 542B 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
3806005 TR 2:10-4:00
MEETS: FEB 18-MARCH 27

INTEGRATING GIS&GPS NREM 546 3 CREDITS
Prereq: 12 CREDITS IN STUDENT’S MAJOR AT 300 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE IN ARCGIS
3821005 1 TR 8:00-8:50 WOLTER P
R 12:10-3:00 WOLTER P
MEETS: JAN 13-MAY 9
3821010 2 TR 8:00-8:50 WOLTER P
R 12:10-3:00 WOLTER P
MEETS: JAN 13-MAY 9
3821015 3 TR 8:00-8:50 WOLTER P
W 10:00-1:00 WOLTER P
MEETS: JAN 13-MAY 9
3821020 4 TR 8:00-8:50 WOLTER P
M 10:00-1:00 WOLTER P
MEETS: JAN 13-MAY 9

ADV DECNS RES ALLOC NREM 570 3 CREDITS
Prereq: FOR 451 OR TWO COURSES IN ECONOMICS
3757005 F 11:00-1:00 TYNDALE J
P 1:10-3:00 TYNDALE J
MEETS: JAN 13-MAY 9

AGROFORESTRY SYSTMS NREM 571 3 CREDITS
Prereq: 6 CREDITS IN BIOLOGICAL SCIENCE AT 300 LEVEL OR ABOVE
Note: Meets international perspectives reqn
4826005 TR 2:10-3:00
R 3:10-6:00PM MEETS: JAN 13-MAY 9
Note: Field trips & travel fee $40.00

NAT RESOURCE POLICY NREM 585 3 CREDITS
Prereq: 12 CREDITS IN STUDENT’S MAJOR AT 300 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE IN ARCGIS
8336005 1 MW 10:00-10:50 Pritchard J
MEETS: JAN 13-MAY 9

SPL TOPCS ANIML ECO NREM 590A 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS FORESTRY NREM 590B 1- 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
******* SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP NREM 593 1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION
Note: Instructor permission required 1st week.
1106005 ARRANGED
MEETS: JAN 13-MAY 9
INTERNATIONAL TRAVEL  NREM 696 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
2605005 ARRANGED
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

DOMESTIC TRAVEL  NREM 699 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
2606005 ARRANGED
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

TEACHING PRACTICUM NREM 598 1 CREDIT
Prereq: GRADUATE CLASSIFICATION AS M.S. CANDIDATE
SATISFACTORY-FAIL ONLY
***** SEE DEPT FOR REFERENCE NUMBERS

NAVAL SCIENCE
SEAPower&Maritime Aff NS 212 3 CREDITS
7303005 A TR 9:30-10:50
R 4:10-5:30
MEETS: JAN 13-MAY 9

NAVIGATION NS 230 3 CREDITS
Prereq: SOPHMOR CLASSIFICATION
5708005 A TR 8:00-9:20
R 4:10-5:30
MEETS: JAN 13-MAY 9

NAVAL SHIP SYS&II NS 330 3 CREDITS
Prereq: PHYS 221, SOPHMOR CLASSIFICATION
5707005 A WMF 9:00-10:50
R 4:10-5:30
MEETS: JAN 13-MAY 9

LEADERSHIP & ETHICS NS 412 3 CREDITS
Prereq: REGMTS FOR NAVSCOR STUDENTS - NS 111,
N S 212 OR HIST 389, N S 220, N S 320, N S 330 AND NS 410
Note: COURSE RESTRICTED TO SENIOR MIDSHIPMEN
5560005 A WMF 10:00-11:50
TR 4:10-5:30
MEETS: JAN 13-MAY 9

FSD TOXICOLOGY NUTRS 519 3 CREDITS
Prereq: A COURSE IN BIOCHEMISTRY
Note: CREDIT FOR EITHER FS HN/TOX/MICRO 419 OR
FS HN/TOX/NUTRS 519, BUT NOT BOTH, MAY BE APPLIED
TOWARD GRADUATION
8541005 1 TR 8:00-9:20
MEETS: JAN 13-MAY 9

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
SATISFACTORY-FAIL ONLY
8628005 TR 1:10-2:00
TR 2:10-3:00
MEETS: JAN 14-FEB 13

INTRO CELL TECHNIQS NUTRS 542C 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
SATISFACTORY-FAIL ONLY
8633005 TR 1:10-2:00
TR 2:10-3:00
MEETS: APRIL 1-MAY 1

INTR METABLMCS TCQN NUTRS 542F 1 CREDIT
Prereq: GRADUATE CLASSIFICATION
SATISFACTORY-FAIL ONLY
9030005 M 1:10-4:00, ARRANGED
MEETS: FEB 10-APRIL 21

CURR TOPCS NEUROBIO NEURO 661 2-3 CREDITS
Prereq: NEURO 556 OR PERMISSION OF INSTRUCTOR
8553005 ARRANGED
MEETS: JAN 13-MAY 9

NEUROSCI JOURNAL CLB NEURO 690 1 CREDIT
Prereq: NEURO 556
8554005 ARRANGED
MEETS: JAN 13-MAY 9

NEUROSCIENCE SEMINR NEURO 696 1 CREDIT
Prereq: NEURO 556
8555005 ARRANGED
MEETS: JAN 13-MAY 9

RESEARCH NEURO 699 VAR. CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS
NUTRITIONAL SCIENCES  (CONTINUED)

NUTR ASPECT ONCOLGY  NUTR 597X  3 CREDITS
Frereq: B.S. IN NUTRITION, DIETETICS, BIOLOGY, OR RELATED DISCIPLINE
9714005  1 ARRANGED
    MEETS: JAN 13-MAY 9

SPECIAL PROBLEMS  NUTR 690  VAR. CREDITS
6201415  SP ARRANGED
    MEETS: JAN 13-MAY 9

RESCH NUTRITNL SCI  NUTR 699  VAR. CREDITS
Satisfactory-Fail Only.
****** DEPT FOR REFERENCE NUMBERS

ORGANIZATION FOR TROPICAL STUDIES

ECO TROPICAL BIOLOGY  OTS 510  8 CREDITS
7535005  ARRANGED
    MEETS: JAN 13-MAY 9

TOPICS TROPICAL BIOL  OTS 515  1- 8 CREDITS
7544005  ARRANGED
    MEETS: JAN 13-MAY 9

PERFORMING ARTS

ISSUES PERFORM ARTS  PERF 105  R CREDIT
3673005  R 4:10-5:30  COX J

PERFORM ARTS INTERN  PERF 310  R CREDIT
Satisfactory-Fail Only.
3677005  ARRANGED
    MEETS: JAN 13-MAY 9

PERFRM ARTS SEMINAR  PERF 401  2 CREDITS
Note: Available for nonmajor graduate credit
3706005  ARRANGED
    MEETS: JAN 13-MAY 9

PHILOSOPHY

INTRO TO PHILOSOPHY  PHIL 201  3 CREDITS
5824005  A TR 9:30-10:50  ALEXANDER D
    MEETS: JAN 13-MAY 9

5824010  B MFW 12:10-1:00
    MEETS: JAN 13-MAY 9

5824015  C MF 2:10-3:00
    MEETS: JAN 13-MAY 9

5824020  D MFW 10:00-11:00
    MEETS: JAN 13-MAY 9

5824025  E MFW 10:00-11:00
    MEETS: JAN 13-MAY 9

5824030  F TR 11:00-12:20
    MEETS: JAN 13-MAY 9

5824035  G TR 2:10-3:30
    MEETS: JAN 13-MAY 9

5824040  J MFW 11:00-12:00
    MEETS: JAN 13-MAY 9

5824045  K MFW 10:00-11:00
    MEETS: JAN 13-MAY 9

5824050  L MFW 12:10-1:00
    MEETS: JAN 13-MAY 9

INTR LOGIC&SCI REAS  PHIL 206  3 CREDITS
5825005  MF 1:10-2:00
    MEETS: JAN 13-MAY 9

INTR SYMBOLIC LOGIC  PHIL 207  3 CREDITS
Note: Instructor permission required 1st week
5826005  TR 9:30-10:50  BUTLER A
    MEETS: JAN 13-MAY 9

MORAL THEOR&PRACTICE  PHIL 230  3 CREDITS
5827005  A MFW 11:00-12:00
    MEETS: JAN 13-MAY 9

5827010  B MF 2:10-3:00
    MEETS: JAN 13-MAY 9

5827015  C MFW 9:00-10:00
    MEETS: JAN 13-MAY 9

5827020  D MFW 10:00-11:00
    MEETS: JAN 13-MAY 9

5827025  E TR 9:30-10:50
    MEETS: JAN 13-MAY 9

5827030  F TR 12:40-2:00
    MEETS: JAN 13-MAY 9

5827035  G TR 11:00-12:20
    MEETS: JAN 13-MAY 9

5827040  J MFW 1:10-2:00
    MEETS: JAN 13-MAY 9

5827045  K MFW 3:10-4:00
    MEETS: JAN 13-MAY 9

5827050  L TR 11:00-12:20
    MEETS: JAN 13-MAY 9

5827055  M MFW 11:00-12:00
    MEETS: JAN 13-MAY 9

5827060  N MFW 12:10-1:00
    MEETS: JAN 13-MAY 9

5827065  P TR 2:10-3:30
    MEETS: JAN 13-MAY 9

5827070  Q TR 11:00-12:20
    MEETS: JAN 13-MAY 9

PHILOSOPHY  (CONTINUED)

ETH ISS DIVERSE SOC  PHIL 235  3 CREDITS
Note: Meets U.S. diversity reqmt
4962005  A MFW 2:10-3:00
    MEETS: JAN 13-MAY 9

17TH CENTURY PHILOS  PHIL 314  3 CREDITS
Frereq: PHIL 201
Note: Available for nonmajor graduate credit
    Instructor permission required 1st week.
5831005  TR 11:00-12:20
    BUTLER A
    MEETS: JAN 13-MAY 9

20TH C ANGLO-AM PHI  PHIL 318  3 CREDITS
Frereq: PHIL 201
Note: Available for nonmajor graduate credit
1825005  W 3:10-5:40
    BIGGS S
    MEETS: JAN 13-MAY 9

PHILOSOPHY OF LAW  PHIL 332  3 CREDITS
Frereq: PHIL 201 OR PHIL 230
Note: Available for nonmajor graduate credit
5836005  MFW 11:00-11:50
    HOLMGREN M
    MEETS: JAN 13-MAY 9

SOC &POLITICAL PHILOS  PHIL 335  3 CREDITS
Frereq: PHIL 201 OR PHIL 230
Note: Available for nonmajor graduate credit
5837005  W 12:10-1:00
    DE LAPLANTE K
    MEETS: JAN 13-MAY 9

PHILOSOPHY OF TECHNOLOGY  PHIL 343  3 CREDITS
Frereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
Note: Available for nonmajor graduate credit
7343005  A MFW 2:10-3:00
    TSOU J
    MEETS: JAN 13-MAY 9

8110005  MF 12:10-1:00
    DE LAPLANTE K
    MEETS: JAN 13-MAY 9

METAPHYSICS:MINDS&M  PHIL 364  3 CREDITS
Frereq: 3 CREDITS IN PHILosophY
Note: Available for nonmajor graduate credit
5844005  TR 12:40-2:00
    MILLER D
    MEETS: JAN 13-MAY 9

PHILOSOPHY OF PHYSICS  PHIL 435  3 CREDITS
Frereq: 3 CREDITS IN PHYSICS OR PHYSICS
Note: Available for nonmajor graduate credit
5846005  W 2:10-3:30
    MILLER D
    MEETS: JAN 13-MAY 9

PHILOSOPHY OF PHYSICS  PHIL 435  3 CREDITS
Frereq: 3 CREDITS IN PHYSICS OR PHYSICS
Note: Available for nonmajor graduate credit
5848005  MF 1:10-2:00
    MILLER D
    MEETS: JAN 13-MAY 9

INDEPENDENT STUDY  PHIL 490  1- 4 CREDITS
Frereq: 6 CREDITS IN PHIL, PERMISSION OF INSTRUCTOR; APPROVAL OF CHAIR
Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT HONORS  PHIL 490H  1- 4 CREDITS
Frereq: 6 CREDITS IN PHIL, PERMISSION OF INSTRUCTOR; APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF PHIL 490H MAY BE APPLIED TOWARD GRADUATION, COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY
****** SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVEY  PHIL 492 R CREDIT
Note: Available for nonmajor graduate credit
3891005  ARRANGED
    MEETS: JAN 13-MAY 9

SPCL TOPC HISTORY P  PHIL 590A  2- 4 CREDITS
Frereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5850005  ARRANGED
    MEETS: JAN 13-MAY 9

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### PHYSICS

**PHYS FOR NON-SCIENT PHYS 101 3 CREDITS**

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**GENERAL PHYSICS PHYS 111 5 CREDITS**

**PHYS 111**

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Note: 2-PART COURSE. STUDENTS APPLY FOR LAB WAIVER ON BLACKBOARD IN 1ST WEEK OF CLASSES.

### GENERAL PHYSICS (CONTINUED)

**GENERAL PHYSICS PHYS 111 5 CREDITS**

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Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

### PHYSICS (CONTINUED)

**GEOGRAPHY GEOPHYS 103 3 CREDITS**

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Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.

**PHYSICS PHYS 112 5 CREDITS**

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Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
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Note: SEC 25 RESTRICTED TO PHYSICS MAJORS ONLY
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**Note:** SEC WW RESTRICTED TO PHYSICS MAJORS ONLY

**HONORS-CLASSIC PH I PHYS 221H 5 CREDITS**

**Frrreq:** CK OR ENROLLMENT IN MATH 166, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM

**Note:** 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION. Night exams scheduled. For dates go to [http://www.registrar.iastate.edu/students/exams/night-exams/](http://www.registrar.iastate.edu/students/exams/night-exams/)

**Note:** 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION. Night exams scheduled. For dates go to [http://www.registrar.iastate.edu/students/exams/night-exams/](http://www.registrar.iastate.edu/students/exams/night-exams/)
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Note: SEC LW RESTRICTED TO PHYSICS MAJORS ONLY
PHYSICS  (CONTINUED)  

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Prereq: PHYS 321  
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MEETS: JAN 13-MAY 9

INTR MOD PHYS LAB II  PHYS 322L  1 CREDIT  
Prereq: CREDIT OR ENROLLMENT IN PHYS 322  
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MEETS: JAN 13-MAY 9
5877010  2 T 2:10-4:00  
MEETS: JAN 13-MAY 9
5877015  3 W 2:10-4:00  
MEETS: JAN 13-MAY 9
5877020  4 R 2:10-4:00  
MEETS: JAN 13-MAY 9
5877025  5 T 4:10-6:00PM  
MEETS: JAN 13-MAY 9
5877030  6 W 4:10-6:00PM  
MEETS: JAN 13-MAY 9

CLASSICAL MECHANICS  PHYS 361  3 CREDITS  
Prereq: PHYS 222, MATH 265, MATH 266  
Note: Available for nonmajor graduate credit  
5880005  TR 12:40-2:00  
MEETS: JAN 13-MAY 9

INTERMED MECHANICS  PHYS 362  3 CREDITS  
Prereq: PHYS 361  
Note: Available for nonmajor graduate credit  
5881005  TR 12:40-2:00  
MEETS: JAN 13-MAY 9

ELECT & MAGNETISM II  PHYS 365  3 CREDITS  
Prereq: PHYS 364  
Note: Available for nonmajor graduate credit  
5883005  1 MWF 10:00-10:50  
MEETS: JAN 13-MAY 9

JUNIOR SEMINAR  PHYS 389  R CREDIT  
Satisfactory-Fail Only.  
3647005  F 9:00-9:50  
MEETS: JAN 13-MAY 9

SEM SEC SCHOOL PHYS  PHYS 399  1-2 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5886605  ARRANGED  
MEETS: JAN 13-MAY 9

MOLC & CELL BIOPHYS  PHYS 432  3 CREDITS  
Prereq: PHYS 304 OR CHEM 325  
Note: Available for nonmajor graduate credit  
8704005  1 MWF 10:00-10:50  
MEETS: JAN 13-MAY 9

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

UNDERGRAD RESEARCH  PHYS 450L  1-6 CREDITS  
Prereq: PHYS 311, PERMISSION OF INSTRUCTOR  
*******  SEE DEPT FOR REFERENCE NUMBERS

APPLIED PHYSICS LAB  PHYS 470L  2-5 CREDITS  
Prereq: PHYS 322 AND PERMISSION OF INSTRUCTOR  
3161005  ARRANGED  
MEETS: JAN 13-MAY 9

QUANTUM MECHANICS II  PHYS 481  3 CREDITS  
Prereq: PHYS 480  
Note: Available for nonmajor graduate credit  
5891005  MWF 12:10-1:10  
MEETS: JAN 13-MAY 9

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

INDEPENDENT STUDY HONORS  PHYS 490H  1-4 CREDITS  
Prereq: 6 CREDITS IN PHYS, PERMISSION OF INSTRUCTOR  
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM  
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.  
*******  SEE DEPT FOR REFERENCE NUMBERS

CONDENSED MATTER I  PHYS 511  3 CREDITS  
Prereq: PHYS 304, CREDIT OR ENROLLMENT IN PHYS 481  
5896005  TR 9:30-10:50  
MEETS: JAN 13-MAY 9

CONDENSED MATTER II  PHYS 512  3 CREDITS  
Prereq: PHYS 511  
5897005  TR 9:30-10:50  
MEETS: JAN 13-MAY 9

PHYSICS  (CONTINUED)  

PARTICLE&NUCLR PHYS  PHYS 526  4 CREDITS  
Prereq: CREDIT OR ENROLLMENT IN PHYS 481  
5905005  MWF 12:10-1:30  
MEETS: JAN 13-MAY 9

STATISTICAL MECHANI  PHYS 531  3 CREDITS  
Prereq: PHYS 304 AND CREDIT OR ENROLLMENT IN PHYS 481, MATH 465, CREDIT OR ENROLLMENT IN MATH 345 OR MATH 426  
5902005  TR 11:00-12:20  
MEETS: JAN 13-MAY 9

MOLC & CELL BIOPHYS  PHYS 532  3 CREDITS  
Prereq: PHYS 304 OR CHEM 325  
8708005  MWF 9:00-9:50  
MEETS: JAN 13-MAY 9

PHYS SEMICOND DEVIC  PHYS 536  3 CREDITS  
5904005  TR 11:40-1:20  
MEETS: JAN 13-MAY 9

COMPUTATIONAL PHYS  PHYS 551  2 CREDITS  
Prereq: PHYS 365, CREDIT OR ENROLLMENT IN PHYS 481  
7651005  R 2:10-4:00  
MEETS: JAN 13-MAY 9

ADV CLASSICL MECHAN  PHYS 564  3 CREDITS  
5907005  TR 12:10-2:30  
MEETS: JAN 13-MAY 9

ADV ELECT & MAGNET II  PHYS 572  3 CREDITS  
5910005  MF 11:00-11:50  
MEETS: JAN 13-MAY 9

SPCL TOPICS NUCLEAR PHYS  PHYS 590A  VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5911005  1 MWF 10:00-10:50  
MEETS: JAN 13-MAY 9

SPCL TOPS APPL PHYS  PHYS 590E  VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5912005  ARRANGED  
MEETS: JAN 13-MAY 9

SPCL TOPS APPL PHYS  PHYS 590F  VAR. CREDITS  
Prereq: PERMISSION OF INSTRUCTOR  
5913005  ARRANGED  
MEETS: JAN 13-MAY 9

QUANTUM PHYSICS II  PHYS 592  4 CREDITS  
Prereq: PHYS 591
5916005  MF 10:00-10:50  
W 9:00-10:50  
MEETS: JAN 13-MAY 9

QUANT THE C MATTER  PHYS 611  3 CREDITS  
Prereq: PHYS 512 AND PHYS 681 OR PERMISSION OF INSTRUCTOR  
5918005  TR 9:30-10:50  
MEETS: JAN 13-MAY 9

PH STRONG INTERACTN  PHYS 625  3 CREDITS  
3150005  ARRANGED  
MEETS: JAN 13-MAY 9

ELEMTRY PARTICLE I  PHYS 637  3 CREDITS  
Prereq: PHYS 526 AND PHYS 592
5921005  MWF 11:00-1:00  
MEETS: JAN 13-MAY 9

ELEMT PARTICLE II  PHYS 638  3 CREDITS  
5932005  MWF 11:00-1:00  
MEETS: JAN 13-MAY 9
PLANT PATHOLOGY

HONORS INDEP STUDY PL P 490H 1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
3155005 ARRANGED
MEETS: JAN 13-MAY 9

SEED PATHOLOGY PL P 494 3 CREDITS
Prereq: PL P 408
Note: CREDIT FOR EITHER PL P 494/594 OR STB/PL P 592, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
7927005 MN 11:00-11:50
P 9:00-11:50
MEETS: JAN 13-MAY 9

PLANT-PATH INTERACT PL P 506 2 CREDITS
Prereq: PL P 408 OR PL P 416, BIOL 313
9645005 TR 9:00-9:50
MEETS: JAN 13-MAY 9

PRIN OF PLANT PATH PL P 508 3 CREDITS
Prereq: 8 CREDITS IN LIFE SCI, INCLUDING BIOL 211
3902005 1 MN 11:00-11:50
W 12:10-3:00
MEETS: JAN 13-MAY 9
3902010 2 MN 11:00-11:50
W 3:10-6:00PM
MEETS: JAN 13-MAY 9

MGT DIS&PEST TGRASS PL P 552 3 CREDITS
Prereq: HORT 351
5950005 TR 11:00-12:20
MEETS: JAN 13-MAY 9

BACT-PLANT INTERACT PL P 577 3 CREDITS
Prereq: 1 CREDITS IN MICRO OR PLANT PATHOLOGY
5649005 MNF 1:10-2:00
MEETS: JAN 13-MAY 9

SPECIAL TOPICS PL P 590 1-3 CREDITS
Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
********** SEE DEPT FOR REFERENCE NUMBERS

SEED HEALTH MANAGMT PL P 592 2 CREDITS
Prereq: ADMISSION TO THE GRAD PROGRAM IN STB OR CONSENT OF INSTRUCTOR
Note: CREDIT FOR EITHER PL P 494/594 OR STB/PL P 592, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
7949005 ARRANGED
MEETS: JAN 13-MAY 9
7949600 XW ARRANGED
MUNKVOLD G
MEETS: JAN 13-MAY 9

COLLOQ IN PLANT PTH PL P 694 2 CREDITS
Prereq: PL P 408 OR PL P 416; PERMISSION OF INSTRUCTOR
5958005 ARRANGED
MEETS: JAN 13-MAY 9

SEMINAR PL P 698 1 CREDIT
********** SEE DEPT FOR REFERENCE NUMBERS

THESIS&DIS RESEARCH PL P 699 VAR. CREDITS
********** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

ORIENTATN POLIT SCI POL S 101 1 CREDIT
Prereq: POL S AND OPEN OPTION MAJORS ONLY OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO POL S MAJORS ONLY
Satisfactory-Fail Only
3912005 TR 11:00-11:50
MEETS: JAN 13-MARCH 7

INTR AMERIC GOVERNRM POL S 215 3 CREDITS
5961005 A MNF 11:00-11:50
MEETS: JAN 13-MAY 9
5961010 B TR 9:30-10:50
MEETS: JAN 13-MAY 9
5961015 C MNF 9:00-9:50
MEETS: JAN 13-MAY 9

INTRO ETHICS&POLITCS POL S 235 3 CREDITS
5715005 A MNF 10:00-10:50
MEETS: JAN 13-MAY 9
5715010 B MNF 10:00-10:50
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
INTR CMPAR GOVT & POL  POL S 241  3 CREDITS
Note: Meets international perspectives reqmt
5963005  A MWF 9:00-9:50
5963010  B TR 9:30-10:50
MEETS: JAN 13-MAY 9
INTRO INTERNATL POL  POL S 251  3 CREDITS
Note: Meets international perspectives reqmt
5964005  A MWF 10:00-10:50
5964010  B TR 11:00-12:20
MEETS: JAN 13-MAY 9
INTRO EMPIRCL RSRCH  POL S 301  3 CREDITS
Prereq: 3 CREDITS IN POL S, ONE STAT COURSE REQUIRED; SOPHOMORE CLASSIFICATION
9243005  A MWF 2:10-3:00
MEETS: JAN 13-MAY 9
POLITICAL BEHAVIOR  POL S 305  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
5965005  A TR 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
5965010  B TR 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO POL S MAJORS ONLY
LAWS AND POLITICS  POL S 319  3 CREDITS
Prereq: SOPHOMORE STANDING; POL S 215 RECOMMENDED
3865005  A TR 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO POL S MAJORS ONLY
3865010  B TR 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
AMER JUDICIAL PROC  POL S 320  3 CREDITS
Prereq: POL S 215
5970005  A TR 2:10-3:30
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
5970010  B TR 2:10-3:30
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
DMRCRYVRSTY IN US  POL S 333  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt
6471005  A TR 9:30-10:50
MEETS: JAN 13-MAY 9
6471010  B TR 9:30-10:50
MEETS: JAN 13-MAY 9
SCI, TEC & PUBLIC POLICY  POL S 335  3 CREDITS
Arranged
7987005  A R 6:10-9:00PM
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO POL S MAJORS ONLY
7987010  B R 6:10-9:00PM
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
LIBERTY & LAW IN AMER  POL S 339X  3 CREDITS
Prereq: SOPHOMORE STANDING
9454005  TR 12:40-2:00
MEETS: JAN 13-MAY 9
LATIN AM GOVT & POL  POL S 343  3 CREDITS
5974005  A 1W MWF 1:10-2:00
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO POL S MAJORS ONLY
5974010  B 1W MWF 1:10-2:00
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
PUBLIC POLICY  POL S 344  3 CREDITS
9243005  A MWF 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO POL S MAJORS ONLY
9243010  B MWF 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.

IMMIGRATION POLICY  POL S 345  3 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
8913005  A MWF 2:10-3:00
MEETS: JAN 13-MAY 9
8913010  B MWF 2:10-3:00
MEETS: JAN 13-MAY 9
EUROPEAN POLITICS  POL S 346  3 CREDITS
5976005  A TR 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
5976010  B TR 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
WAR & HUMNTRN POLITCS  POL S 354  3 CREDITS
Prereq: POL S 235 OR POL S 251 OR ANTHR 230
Note: Meets international perspectives reqmt
6464005  A MWF 3:10-4:00
MEETS: JAN 13-MAY 9
6464010  B MWF 3:10-4:00
MEETS: JAN 13-MAY 9
ISSUES FOREIGN POLICY  POL S 359  3 CREDITS
Prereq: POL S 215, POL S 251, OR POL S 358
1006005  A TR 2:10-3:30
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
1006010  B TR 2:10-3:30
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
AMER INSTI: CONGRESS  POL S 360  3 CREDITS
Prereq: POL S 215
5980005  A T 6:10-9:00PM
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
5980010  B T 6:10-9:00PM
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
THE JUDICIARY  POL S 362X  3 CREDITS
Prereq: POL S 215
9453005  TR 11:00-12:20
MEETS: JAN 13-MAY 9
RELIGION & POLITICS  POL S 370  3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Available for nonmajor graduate credit
3166005  A TR 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO POL S MAJORS Only.
3166010  B TR 12:40-2:00
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
INT'L POLIT ECONOMY  POL S 381  3 CREDITS
1000005  A MWF 10:00-10:50
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO POL S MAJORS.
1000010  B MWF 10:00-10:50
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
ADV WRITING POL SCI  POL S 395  R CREDIT
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS
COOPERATIVE EDUCATN  POL S 398  R CREDIT
Prereq: PERMISSION OF DEPT OF COOP EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4566005  ARRANGED
MEETS: JAN 13-MAY 9
CONSTITUTNL FREEDMS  POL S 421  3 CREDITS
Prereq: POL S 320 OR POL S 420
Note: Available for nonmajor graduate credit
5989005  MWF 2:10-3:00
MEETS: JAN 13-MAY 9
Note: SEC B FOR MAJORS OTHER THAN POL S.
COMP FOREIGN POLICY  POL S 452  3 CREDITS
Prereq: POL S 251
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
6000005  TR 9:30-10:50
MEETS: JAN 13-MAY 9
PUBLIC CHOICE  POL S 470  3 CREDITS
Prereq: ECON 101
Note: Available for nonmajor graduate credit
8904005  TR 2:10-3:30
MEETS: JAN 13-MAY 9
MGMT PUBLIC SECTOR  POL S 475  3 CREDITS  
Prereq: POL S 371  
Note: Available for nonmajor graduate credit  
6005005  M 6:10-9:00PM  
MEETS: JAN 13-MAY 9  
6005600  XW ARRANGED  JACKSON M  
Note: Section XW is off campus  

ELECTRONIC DEMOCRACY  POL S 487  3 CREDITS  
Prereq: SOPHOMORE STANDING OR INSTRUCTOR APPROVAL  
Note: Available for nonmajor graduate credit  
6140005  WW 11:00-1:10  
MEETS: JAN 13-MAY 9  

IND STUDY AMER GOVT  POL S 490A  VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: No more than 9 credits of POL S 490 may be applied toward graduation. Use of POL S 490 in POL S major and minor degree requirements is limited. See undergraduate study section of catalog for details.  
Instructor permission required 1st week.  

Ind study thri/medth  POL S 490B  VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: No more than 9 credits of POL S 490 may be applied toward graduation. Use of POL S 490 in POL S major and minor degree requirements is limited. See undergraduate study section of catalog for details.  
Instructor permission required 1st week.  

Ind study cre贷 credit  POL S 490C  1-2 CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: No more than 9 credits of POL S 490 may be applied toward graduation. Use of POL S 490 in POL S major and minor degree requirements is limited. See undergraduate study section of catalog for details.  
Instructor permission required 1st week.  

Ind study int'l rela  POL S 490D  VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: No more than 9 credits of POL S 490 may be applied toward graduation. Use of POL S 490 in POL S major and minor degree requirements is limited. See undergraduate study section of catalog for details.  
Instructor permission required 1st week.  

Ind study ext credit  POL S 490E  1-2 CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: No more than 9 credits of POL S 490 may be applied toward graduation. Use of POL S 490 in POL S major and minor degree requirements is limited. See undergraduate study section of catalog for details.  
Instructor permission required 1st week.  

Ind study catt cntr  POL S 490G  VAR. CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
Note: No more than 9 credits of POL S 490 may be applied toward graduation. Use of POL S 490 in POL S major and minor degree requirements is limited. See undergraduate study section of catalog for details.  
Instructor permission required 1st week.  

Indep study honors  POL S 490H  VAR. CREDITS  
Prereq: 6 CR IN POL S; MEMBERSHIP IN HONORS FROG  
Note: No more than 9 credits of POL S 490 may be applied toward graduation. Use of POL S 490 in POL S major and minor degree requirements is limited. See undergraduate study section of catalog for details.  
Instructor permission required 1st week.  

Senior thesis  POL S 491  3 CREDITS  
Prereq: 21 CREDITS OF POL S; SENIOR STATUS AND PERMISSION OF INSTRUCTOR  
Note: Instructor permission required.  

Teaching internship  POL S 496  3 CREDITS  
Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSION  
Satisfactory-Fail Only.  

Research internship  POL S 497  3 CREDITS  
Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSION  
Satisfactory-Fail Only.  

Undergraduate study section of catalog for details.  

Major and minor degree requirements is limited. See catalog for details.  

Note: Instructor permission required.  

PROSEM COMPAR POLIT  POL S 505  3 CREDITS  
Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING  
6438005  T 6:10-9:00PM  
MEETS: JAN 13-MAY 9  
7329005  A M 6:10-9:00PM  
MEETS: JAN 13-MAY 9  
7329600  WW ARRANGED  PETERS K  
Note: Section XW is off campus  
Course delivery is WWW  

PUBLIC FINANC&BUDGT  POL S 572  3 CREDITS  
6034600  M 6:10-9:00PM  
MEETS: JAN 13-MAY 9  
6034600  WX ARRANGED  SHAW K  
Note: Section WX is off campus  
Course delivery is WWW  

PUB PERSONNEL ADMIN  POL S 573  3 CREDITS  
6035005  W 6:10-9:00PM  
MEETS: JAN 13-MAY 9  
6035600  WX ARRANGED  COVEYOU M  
Note: Section WX is off campus  
Course delivery is WWW  

MGMT PUBLIC SECTOR  POL S 575  3 CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
6037005  R 6:10-9:00PM  
MEETS: JAN 13-MAY 9  
6037600  WX ARRANGED  JACKSON M  
Note: Section WX is off campus  
Course delivery is WWW  

INFAS 531  

INFO ASSUR LEGAL&ET  POL S 534  3 CREDITS  
Prereq: GRADUATE CLASSIFICATION, CPR E 531/INFAS 531  
9708600  XE ARRANGED  BROWN T  
Note: Section XE is off campus  
Course delivery is WWW  

MGMT PUBLIC SECTOR  POL S 475  3 CREDITS  
Prereq: 6 CREDITS IN POLITICAL SCIENCE  
6034005  M 6:10-9:00PM  
MEETS: JAN 13-MAY 9  
6034005  WX ARRANGED  JACKSON M  
Note: Section WX is off campus  
Course delivery is WWW  

ELECTRONIC DEMOCRACY  POL S 587  3 CREDITS  
Prereq: SOPHOMORE STANDING OR INSTRUCTOR PERMISSION  
3084005  WW 11:00-1:10  
MEETS: JAN 13-MAY 9  

SPL TOP US P INSTIT  POL S 590A  2-5 CREDITS  
Prereq: 15 CR IN POL S; WRITTEN INSTRUCTOR PERMISSION  
Note: Instructor permission required 1st week.  

SPL TOPC PUBLIC LAW  POL S 590B  2-5 CREDITS  
Prereq: 15 CR IN POL S; WRITTEN INSTRUCTOR PERMISSION  
Note: Instructor permission required 1st week.  

SP TOP POLIT THEORY  POL S 590C  2-5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMISSION  
Note: Instructor permission required 1st week.  

SPL TOP COMPAR GOVT  POL S 590D  2-5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMISSION  
Note: Instructor permission required 1st week.  

SPL TOP POLICY PROC  POL S 590F  2-5 CREDITS  
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTOR PERMISSION  
Note: Instructor permission required 1st week.
POLITICAL SCIENCE (CONTINUED)

SPL TOP PUB POLAADM POL S 590G 2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMIS
SEEM SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERNSHIP POL S 590I 2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMIS
Note: Instructor permission required 1st week.
SEEM SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TEACHG PREP POL S 590T 2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMIS
Note: Instructor permission required 1st week.
6050005 ARRANGED
MEETS: JAN 13-MAY 9
6050003 AS ARRANGED
MEETS: JAN 13-MAY 9

INTERNSHIP POL S 598 3-6 CREDITS
Prereq: 15 CRDTs IN POL S, INSTRUCTR PERMISSION
Note: Instructor permission required 1st week.
4540005 ARRANGED
MEETS: JAN 13-MAY 9

CREATIVE COMPONENT POL S 599 VAR. CREDITS
Note: Instructor permission required 1st week.
SEEM SEE DEPT FOR REFERENCE NUMBERS

SEM COMPARATIVE GOVT POL S 6100 3 CREDITS
Prereq: 15 CRDTs IN POLITICAL SCIENCE
Note: Instructor permission required 1st week.
6056005 W 6:10-9:00PM
MEETS: JAN 13-MAY 9

SEM INT'L RELATIONS POL S 610E 3 CREDITS
Prereq: 15 CRDTs IN POLITICAL SCIENCE
Note: Instructor permission required 1st week.
6057005 ARRANGED
MEETS: JAN 13-MAY 9

SEM POLICY PROCESS POL S 610F 3 CREDITS
Prereq: 15 CRDTs IN POLITICAL SCIENCE
Note: Instructor permission required 1st week.
6058005 ARRANGED
MEETS: JAN 13-MAY 9

SEM PUB ADMIN/POLICY POL S 610G 3 CREDITS
Prereq: 15 CRDTs IN POLITICAL SCIENCE
Note: Instructor permission required 1st week.
6059005 ARRANGED
MEETS: JAN 13-MAY 9

RESEARCH POL S 699 VAR. CREDITS
Note: Instructor permission required 1st week.
SEEM SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS
Night exams scheduled. For dates go to
http://www.registrar.iastate.edu/students/exams/night-exams.
6069005 A TR 9:30-10:50 MEISSNER C
MEETS: JAN 13-MAY 9
6069010 B TR 11:00-12:20 MEISSNER C
MEETS: JAN 13-MAY 9

LAB INTRODUC PSYCH PSYCH 102 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN PSYCH 101
Note: SEC A1,B1 ECT. RESTRICTED TO PSYCH MAJORS ONLY.
SEEM SEE A2,B2 ECT FOR MAJORS OTHER THAN PSYCH.
4786005 A1 T 1:10-3:00 MEETS: JAN 13-MAY 9
4786010 A2 T 1:10-3:00 MEETS: JAN 13-MAY 9
4786015 B1 W 8:00-9:50 MEETS: JAN 13-MAY 9
4786020 B2 W 8:00-9:50 MEETS: JAN 13-MAY 9
4786025 C1 T 3:10-5:00 MEETS: JAN 13-MAY 9
4786030 C2 T 3:10-5:00 MEETS: JAN 13-MAY 9

ORIENTATN TO PSYCH PSYCH 111 .5 CREDIT
Prereq: SEC A1,B1 ECT. RESTRICTED TO PSYCH MAJORS ONLY.
Satisfactory-Fail Only.
6068005 W 3:10-4:00 MITTLEIDER A
MEETS: JAN 15-MARCH 26

PSY LRN CMNTY SEMNR PSYCH 112 1 CREDIT
Prereq: PARTICIPATION IN FRESHMAN LEARNING
COMMUNITY Satisfactory-Fail Only.
9388005 1 W 3:10-4:00 CUTCURA C
MEETS: JAN 13-MAY 9
9388010 2 M W 3:10-4:00 SCHEEL K
MEETS: JAN 13-MAY 9

PSC MSNTRN TRNACTN PSYCH 131 1 CREDIT
Prereq: SEC A1,B1 ECT. RESTRICTED TO PSYCH MAJORS ONLY.
Note: Instructor permission required 1st week.
6071005 AA MM 11:00-11:50 MEETS: JAN 13-MAY 9
6071010 AB MM 12:10-1:00 MEETS: JAN 13-MAY 9
6071020 AC MM 1:10-2:00 MEETS: JAN 13-MAY 9
6071025 AD MM 2:10-3:00 MEETS: JAN 13-MAY 9

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS
Note: Section XW is off campus
Course delivery is WWW
6072005 A TR 8:00-9:20 PHILLIPS W
MEETS: JAN 13-MAY 9
6072010 B TR 9:30-10:50 PHILLIPS W
MEETS: JAN 13-MAY 9
6072600 XW ARRANGED JOHAR O
MEETS: JAN 13-MAY 9

DEVELOPMENTAL PSYCH PSYCH 230 3 CREDITS
Note: Instructor permission required 1st week.
Section info: http://www.dso.iastate.edu/asc/psych230/
6071050 BA TR 10:40-12:40 MEETS: JAN 13-MAY 9
6071100 CA TR 10:40-12:40 MEETS: MARCH 10-MAY 9
6071110 CC MM 10:40-12:40 MEETS: MARCH 10-MAY 9
6071120 CD TR 10:40-12:40 MEETS: MARCH 10-MAY 9
6071125 CE TR 10:40-12:40 MEETS: MARCH 10-MAY 9

INTRO RESRCH EXP/RCN PSYCH 291 1-4 CREDITS
Prereq: PSYCH 101, SOPHOMORE CLASSIFICATION,
INSTRUCTOR PERMISSION
Satisfactory-Fail Only
SEEM SEE DEPT FOR REFERENCE NUMBERS

RES DSGN & METHODOL PSYCH 301 3 CREDITS
Prereq: STAT 101; 1 COURSE IN PSYCHOLOGY
Note: COURSE RESTRICTED TO PSYCH MAJORS.
PSYCH MINORS ARE ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD
6075005 A TR 12:40-2:00 WELLS G
MEETS: JAN 13-MAY 9
6075010 B TR 1:20-3:20 WELLS G
MEETS: JAN 13-MAY 9
6075600 XW ARRANGED LAM C
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW

INTRO RESRCH METHODS PSYC PSYCH 302 3 CREDITS
Prereq: PSYCH 301, ENGL 250
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY.
1173005 A TR 9:00-10:50 CHAN C
MEETS: JAN 13-MAY 9
1173010 B TR 11:00-12:50 ACERBO M
MEETS: JAN 13-MAY 9
1173015 C M W 2:10-4:00 CARPENTER S
MEETS: JAN 13-MAY 9
PSYCHOLOGY

(Continued)

BRAIN & BEHAVIOR  PSYCH 310  3 CREDITS
Prereq: PSYCH 101
1515005  A1 TR 9:30-10:45  ACERBO M
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
MEETS: JAN 13 - MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.
MEETS: JAN 13 - MAY 9

SENSATION & PERCEPTN  PSYCH 312  3 CREDITS
Prereq: PSYCH 101
6079005  A1 TR 3:40-5:00  KELLY J
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
MEETS: JAN 13 - MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.
MEETS: JAN 13 - MAY 9

LEARNING & MEMORY  PSYCH 313  3 CREDITS
Prereq: PSYCH 101
6080005  A1 MF 10:00-10:50  CARPENTER S
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
MEETS: JAN 13 - MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.
MEETS: JAN 13 - MAY 9

MOTIVATION  PSYCH 314  3 CREDITS
Prereq: PSYCH 101
6081005  A1 MF 10:00-10:50  SCHEEL K
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
MEETS: JAN 13 - MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.
MEETS: JAN 13 - MAY 9

DRUGS & BEHAVIOR  PSYCH 315  3 CREDITS
Prereq: PSYCH 101
6082005  A1 MF 2:10-3:00  ACERBO M
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
MEETS: JAN 13 - MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.
MEETS: JAN 13 - MAY 9

COGNITIVE PSYCHOLOGY  PSYCH 316  3 CREDITS
Prereq: PSYCH 101
6083005  A1 TR 3:40-5:00  CHAN C
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
MEETS: JAN 13 - MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.
MEETS: JAN 13 - MAY 9

EDUCATIONAL PSYCH  PSYCH 333  3 CREDITS
Prereq: PSYCH 101 OR HD PS 101;
Major in Psychology or
Application to the Teacher Ed Program.
Note: Course Restricted to PSYCH, SEC ED Majors
4361005  MWF 11:00-12:00  MEETS: JAN 13 - MAY 9

ABNORM PSY CHD&ADOL  PSYCH 335  3 CREDITS
Prereq: PSYCH 101; PSYCH 230 OR HD PS 101
4299005  A1 TR 9:30-10:45  KONAR A
MEETS: JAN 13 - MAY 9
4299010  A2 TR 9:30-10:45  KONAR A
MEETS: JAN 13 - MAY 9

PSYCHOLOGY OF WOMEN  PSYCH 346  3 CREDITS
Prereq: 2 Courses in Psychology Including PSYCH 101
101
Note: Meets U.S. diversity reqmt.
6085005  A1 TR 12:40-2:00  SCHEEL K
MEETS: JAN 13 - MAY 9
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
6085010  A2 TR 12:40-2:00  SCHEEL K
MEETS: JAN 13 - MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

U.S. LATINO/AFRICAN AMERICAN  PSYCH 347  3 CREDITS
Prereq: Two Courses in Psychology Including PSYCH 101
Note: SEC A1,B1 RESTRICTED TO PSYCH MAJORS ONLY.
SEC A2,B2 FOR MAJORS OTHER THAN PSYCH.
1914005  A1 TR 11:00-12:15  PRIETO L
MEETS: JAN 13 - MAY 9
1914010  A2 TR 11:00-12:15  PRIETO L
MEETS: JAN 13 - MAY 9

PERSONALITY PSYCHOL  PSYCH 360  3 CREDITS
Prereq: PSYCH 201 OR SEC 305
6087005  A1 MF 1:10-2:00  KRIZAN Z
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
6087010  A2 MF 1:10-2:00  KRIZAN Z
MEETS: JAN 13 - MAY 9

PSYCHOL OF RELIGION  PSYCH 348  3 CREDITS
Prereq: NINE CREDITS IN PSYCHOLOGY
7034005  A1 TR 9:30-10:45  WADE N
MEETS: JAN 13 - MAY 9
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
7034010  A2 TR 9:30-10:45  WADE N
MEETS: JAN 13 - MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

PSYCHOLOGY AND LAW  PSYCH 383  3 CREDITS
Prereq: PSYCH 101 OR PSYCH 189
9080005  A1 MF 1:10-2:00  MADON S
MEETS: JAN 13 - MAY 9
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
9080010  A2 MF 1:10-2:00  MADON S
MEETS: JAN 13 - MAY 9
Note: SEC A2 RESTRICTED TO INDIS MAJORS ONLY.
9080015  A3 MF 1:10-2:00  MADON S
MEETS: JAN 13 - MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

HISTORY OF PSYCHOL  PSYCH 401  3 CREDITS
Prereq: 4 COURSES IN PSYCH
6089005  A1 TR 9:30-10:15  SCHEEL K
MEETS: JAN 13 - MAY 9
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
6089010  A2 TR 9:30-10:15  SCHEEL K
MEETS: JAN 13 - MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

EVOLUTIONARY PSYCH  PSYCH 411  3 CREDITS
Prereq: JUNIOR CLASSIFICATION; THREE COURSES
IN PSYCH; ONE COURSE IN BIOLOGY
6924005  A1 M 6:10-9:00PM  COOPER E
MEETS: JAN 13 - MAY 9
Note: Course delivery is WW
6924010  A2 M 6:10-9:00PM  COOPER E
Note: SEC A2 RESTRICTED TO PSYCH MAJORS ONLY.

PSYCH OF LANGUAGE  PSYCH 413  3 CREDITS
Prereq: Psyc 301 and 9 credits in psychology
6092005  A1 TR 12:40-2:00  MORRIS A
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
6092010  A2 TR 12:40-2:00  MORRIS A
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

INTEGRATIVE PSYCHOL  PSYCH 419  3 CREDITS
Prereq: 3 COURSES IN PSYCH
6284005  A1 TR 9:30-10:15  WEI M
MEETS: JAN 13 - MAY 9
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
6284010  A2 TR 9:30-10:15  WEI M
MEETS: JAN 13 - MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

ABNORM PSYCHOL  PSYCH 422L  1 CREDIT
Prereq: Credit or Enrollment in PSYCH 422,
MAJOR OR MINOR IN PSYCHOLOGY
2844005  T 1:10-2:30  HAMMER J

INTEGRATIVE PSYCHOL  PSYCH 440  3 CREDITS
Prereq: PSYCH 301 AND 9 CREDITS IN PSYCHOLOGY,
STAF 101
Note: Course Restricted to PSYCH MAJORS ONLY.
Available for nonmajor graduate credit
6090005  A  M 6:10-9:00PM  ARMSTRONG P
MEETS: JAN 13 - MAY 9
6090010  B  M 6:10-9:00PM  ARMSTRONG P
MEETS: JAN 13 - MAY 9
6090015  C  M 6:10-9:00PM  ARMSTRONG P
MEETS: JAN 13 - MAY 9
6090020  D  M 6:10-9:00PM  ARMSTRONG P
MEETS: JAN 13 - MAY 9

PSYCHOLOGY (CONTINUED)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 450</td>
<td>Industrial Psychology</td>
<td>3</td>
<td>Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101, STAT 101</td>
</tr>
<tr>
<td>PSYCH 460</td>
<td>Abnormal Psychology</td>
<td>3</td>
<td>Prereq: 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH 101</td>
</tr>
<tr>
<td>PSYCH 487</td>
<td>Human Aggression</td>
<td>3</td>
<td>Prereq: PSYCH 220, PSYCH 313, PSYCH 316 or PSYCH 380</td>
</tr>
<tr>
<td>PSYCH 490</td>
<td>Independent Study</td>
<td>1-3</td>
<td>Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSION, MEETS: JAN 13-MAY 9</td>
</tr>
<tr>
<td>PSYCH 491</td>
<td>Research Practicum</td>
<td>VAR.</td>
<td>Prereq: PSYCH 420, 12 CR IN PSYCH, PERMISSION OF INSTR, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 495A</td>
<td>Fieldwork Practicum</td>
<td>VAR.</td>
<td>Prereq: PSYCH 420, 12 CR IN PSYCH, PERMISSION OF INSTR, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 501</td>
<td>Res Method Appl Psych</td>
<td>3</td>
<td>Prereq: PSYCH 440 or PSYCH 501 or STAT 401</td>
</tr>
<tr>
<td>PSYCH 522</td>
<td>Methods-human &amp; Compu Psych</td>
<td>3</td>
<td>Prereq: PSYCH 521 and STAT 101 or EQUIVALENT</td>
</tr>
<tr>
<td>PSYCH 533</td>
<td>Educ Psych Learning</td>
<td>3</td>
<td>Prereq: C 133 OR TEACHER LICENSURE</td>
</tr>
<tr>
<td>PSYCH 561</td>
<td>Psychoph &amp; Beh Dev</td>
<td>3</td>
<td>Prereq: PSYCH 460, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 590A</td>
<td>SPC Top Counseling</td>
<td>VAR.</td>
<td>Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 590Q</td>
<td>Spect Topic Cognitive</td>
<td>VAR.</td>
<td>Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 595C</td>
<td>Special Topics Social</td>
<td>1-3</td>
<td>Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 597</td>
<td>Internship in Psych</td>
<td>R</td>
<td>Prereq: M.S. DEGREE CANDIDACY, PERMISSION OF INSTR, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 598F</td>
<td>Special Topic Sem Cogntiv: Lang</td>
<td>VAR.</td>
<td>Prereq: M.S. DEGREE CANDIDACY, PERMISSION OF INSTR, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 599</td>
<td>Creative Component</td>
<td>VAR.</td>
<td>Prereq: M.S. DEGREE CANDIDACY, PERMISSION OF INSTR, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 599Z</td>
<td>Special Top Gen</td>
<td>VAR.</td>
<td>Prereq: M.S. DEGREE CANDIDACY, PERMISSION OF INSTR, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 633</td>
<td>Teaching of Psych</td>
<td>3</td>
<td>Prereq: ENROLLMENT IN DOCTORAL DEGREE PROGRAM IN PSYCH, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 691A</td>
<td>PractCM Beg Counsel</td>
<td>VAR.</td>
<td>Prereq: PSYCH 491, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 691B</td>
<td>PractCM Intmd Counsel</td>
<td>VAR.</td>
<td>Prereq: PSYCH 491, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 691C</td>
<td>PractCM Adv Counsel</td>
<td>VAR.</td>
<td>Prereq: PSYCH 491, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 692Q</td>
<td>Ext Pract CM Adv CNSL</td>
<td>1-3</td>
<td>Prereq: PSYCH 491, SEE DEPT FOR NUMBERS</td>
</tr>
<tr>
<td>PSYCH 693</td>
<td>Practicum Teaching</td>
<td>VAR.</td>
<td>Prereq: PSYCH 491, SEE DEPT FOR NUMBERS</td>
</tr>
</tbody>
</table>

Satisfactory-Fail Only.
### RELIGIOUS STUDIES

**INTRO WRLD RELIGION**  RELIG 205  3 CREDITS  
Note: Meets international perspectives reqmt  
5466005  TR  9:00-11:20  CHASE C  
MEETS: JAN 13-MAY 9

**RELIGIONS OF AMERICA**  RELIG 210  3 CREDITS  
Note: Available for nonmajor graduate credit  
6195005  TR  11:00-1:50  AVALOS H  
MEETS: JAN 13-MAY 9

**CHRISTIANITY & SCIENCES**  RELIG 224  3 CREDITS  
Note: Available for nonmajor graduate credit  
6200005  TR  9:30-11:20  AVALOS H  
MEETS: JAN 13-MAY 9

**AFRI AMER RELIG EXP**  RELIG 334  3 CREDITS  
Note: Prior course work in RELIG or AP AM RECOMMENDED  
Note: Meets U.S. diversity reqmt  
8636005  TR  12:40-2:00  CHASE C  
MEETS: JAN 13-MAY 9

**RELIGION IN AMERICA**  RELIG 210  3 CREDITS  
Note: Available for nonmajor graduate credit  
5340005  M  1:40-3:40  AVALOS H  
MEETS: JAN 13-MAY 9

**PSYCHOL OF RELIGION**  RELIG 348  3 CREDITS  
Note: Available for nonmajor graduate credit  
7036005  A1 TR 11:00-1:50  WADE N  
MEETS: JAN 13-MAY 9  
Note: SEC A1 RESTRICTED TO PSYC MAJORS ONLY.

**INTRODUCTN TO ISLAM**  RELIG 358  3 CREDITS  
Note: Available for nonmajor graduate credit  
3332005  TR  11:00-1:50  BROUCKE J  
MEETS: JAN 13-MAY 9

**CHRISTIAN ROMAN EM**  RELIG 367  3 CREDITS  
Note: Available for nonmajor graduate credit  
7364005  MEETS: JAN 13-MAY 9

**RELIGION & POLITICS**  RELIG 370  3 CREDITS  
Note: Available for nonmajor graduate credit  
3165005  A TR 12:40-2:00 MEETS: JAN 13-MAY 9

**SPLENDOR OF RELIGION**  RELIG 380  3 CREDITS  
Note: Available for nonmajor graduate credit  
8994005  TR  12:40-2:00  CLIFFORD A  MEETS: JAN 13-MAY 9

**Buddhism**  RELIG 453  3 CREDITS  
Note: Meets international perspectives reqmt  
Available for nonmajor graduate credit  
Instructor permission required 1st week.  
6200005  TR  2:10-3:30  MEETS: JAN 13-MAY 9

**THEOLOGY & METHOD**  RELIG 485  3 CREDITS  
Prereq: 6 CREDITS IN RELIGIOUS STUDIES  
Note: Available for nonmajor graduate credit  
6259005  TR  12:10-2:00  BADO-FRALICK N  MEETS: JAN 13-MAY 9

**IND. STUDY**  RELIG 490H  1-3 CREDITS  
Prereq: 6 CR IN RELIGIOUS STUDIES; PERMISSION OF INSTRUCTOR; APPROVAL OF DEPT CHAIR  
Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE APPLIED TOWARD GRADUATION  
Instructor permission required 1st week.  
3617005  SD ARRANGED  MEETS: JAN 13-MAY 9

**SPLENDOR OF RELIGION**  RELIG 490  1-3 CREDITS  
Prereq: PERMISSION OF INSTRUCTOR; 9 CR IN RELIG  
3617005  SD ARRANGED  MEETS: JAN 13-MAY 9

**RESEARCH & EVALUATION**

**INTRO EDUC RESEARCH**  RESEV 550  3 CREDITS  
Note: Course restricted to graduate students only.  
6211005  M  4:30-6:20  MEETS: JAN 13-MAY 9

**INTMED EDUC STATIST**  RESEV 553  3 CREDITS  
Prereq: RESEV 552 OR EQUIVALENT  
Note: Course restricted to graduate students only.  
7684005  M  5:00-7:00  MEETS: JAN 13-MAY 9  
Note: SEC 1 RESTRICTED TO GRADUATE STUDENTS ONLY.  
MUST CONTACT DEPARTMENT AT 294-1241.

**SURVEY ED RESEARCH**  RESEV 570  3 CREDITS  
Prereq: RESEV 552 OR EQUIVALENT  
7684005  T  5:30-8:20  MEETS: JAN 13-MAY 9

**SPL TOP RELIG STUDI**  RELIG 590  1-3 CREDITS  
Prereq: Instructor permission required 1st week.  
3617030  SD ARRANGED  MEETS: JAN 13-MAY 9

**THEOLOGY & METHOD**  RELIG 590  1-3 CREDITS  
Prereq: Instructor permission required 1st week.  
3617030  SD ARRANGED  MEETS: JAN 13-MAY 9

**ADV SPECIAL TOPICS**  RELIG 690  1-3 CREDITS  
Prereq: Graduate standing  
6211005  M  4:30-6:20  MEETS: JAN 13-MAY 9

**PSYCHOL OF RELIGION**  RELIG 697  3 CREDITS  
Prereq: GRADUATE STANDING  
3064005  W  5:30-8:20  MEETS: JAN 13-MAY 9

**RELIGION & POLITICS**  RELIG 697  3 CREDITS  
Prereq: Course restricted to College of Human Sciences graduate students.  
6211005  M  4:30-6:20  MEETS: JAN 13-MAY 9

**THEOLOGY & METHOD**  RELIG 697  3 CREDITS  
Prereq: Course restricted to graduate students only.  
4564005  W  5:30-8:20  MEETS: JAN 13-MAY 9

**ADIV SPECIAL TOPICS**  RELIG 697  1-3 CREDITS  
Prereq: Graduate standing  
6211005  M  4:30-6:20  MEETS: JAN 13-MAY 9

**PROGRAM ASSESS & EVAL**  RESEV 597  3 CREDITS  
Prereq: RESEV 550  
Note: Course restricted to college of Human Sciences graduate students.  
6211005  M  4:30-6:20  MEETS: JAN 13-MAY 9

**CRIT ISSUQ LTV INQUI**  RESEV 680  3 CREDITS  
Prereq: RESEV 550  
4564005  W  5:30-8:20  MEETS: JAN 13-MAY 9

**RESEARCH & EVALUATION**

**SPECIAL TOPICS**  RESEV 590  1-3 CREDITS  
Prereq: Graduate standing  
6211005  M  4:30-6:20  MEETS: JAN 13-MAY 9

**PROGRAM ASSESS & EVAL**  RESEV 590  1-3 CREDITS  
Prereq: RESEV 550  
Note: Course restricted to College of Human Sciences graduate students.  
6211005  M  4:30-6:20  MEETS: JAN 13-MAY 9

**SURVEY ED RESEARCH**  RESEV 590  1-3 CREDITS  
Prereq: RESEV 550  
4564005  W  5:30-8:20  MEETS: JAN 13-MAY 9

**ADV SPECIAL TOPICS**  RELIG 690  1-3 CREDITS  
Prereq: Graduate standing  
6211005  M  4:30-6:20  MEETS: JAN 13-MAY 9
RESEARCH & EVALUATION (CONTINUED)

RUSSIAN

ELEM RUSSIAN II  RUS 102  4 CREDITS
Prereq: RUS 101
Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
SCHOOL RUS MAY NOT ENROLL IN 102. STUDENTS WHO HAVE
COMPLETED MORE THAN 1 YR OF RUS.
RUSSIAN ARE REQUIRED TO TAKE 1ST YEAR TESTOUT EXAM.
Meets international perspectives reqmt.

INTERMED RUSSIAN II  RUS 202  4 CREDITS
Prereq: RUS 201
Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
Meets international perspectives reqmt.

SEED TECHNOLOGY AND BUSINESS

SEED HEALTH MANAGMT  STB 592  2 CREDITS
Prereq: Admission to the grad program in STB or
Consent of instructor
Note: Credit for either PL F 494/594 or STB/PL F 592,
but not both, may be applied toward graduation

CREATIVE COMPONENT  STB 599  3- 4 CREDITS
Prereq: Admission to Seed Technology and Business
Master's degree program and permission of instructor

SOCIOLOGY

SOCIOLOGY ORIENTATN  SOC 115  R CREDIT
Prereq: SAT/ACT

RURAL INSTITUTIONS  SOC 130  3 CREDITS
Note: Credit for either SOC 130 or SOC 134, but not
both, may be applied toward graduation

INTRO TO SOCIOLOGY  SOC 134  3 CREDITS
Note: Credit for either SOC 130 or SOC 134, but not
both, may be applied toward graduation

INTIMATE RELATIONSHIP  SOC 219  3 CREDITS
Prereq: SOC 130 or SOC 134

GLOBALIZTNS & SUSTAINB  SOC 220  3 CREDITS
Note: Meets international perspectives reqmt.

SOCIAL PROBLEMS  SOC 235  3 CREDITS
Prereq: SOC 130 or SOC 134

YOUTH & CRIME  SOC 241  3 CREDITS
Prereq: SOC 130 or SOC 134

SOC SCI RSRCH MHDS  SOC 302  3 CREDITS
Prereq: SOC 130 or SOC 134; STAT 101; or
Concurrent enrollment in STAT 101
Note: Course restricted to SOC, P S A, C J ST Majors
Students who have previously taken SOC 202 will not
receive credit for SOC 302.

SOC PSYCH-SOC PERSP  SOC 305  3 CREDITS
Prereq: SOC 130 or SOC 134
Note: SEC A1, B1 restricted to SOC, P S A Majors
only. SEC A2, B2 etc for all other Majors.

COMMUNITY  SOC 310  3 CREDITS
Prereq: SOC 130 or SOC 134

TRANSITION IN AGRIC  SOC 325  3 CREDITS
Prereq: SOC 130 or SOC 134 or permission of
instructor

SEX & GENDER IN SOCIE  SOC 327  3 CREDITS
Prereq: SOC 130 or SOC 134
Note: SEC A1 restricted to SOC, P S A, M S.
SEC A2 for Majors other than SOC, P S A, M S.
Meets U.S. diversity reqmt.

MASCULINITY & MANHOOD  SOC 328  3 CREDITS
Prereq: SOC 130, SOC 134, or W S 201

ETHNIC RACE RELATNS  SOC 330  3 CREDITS
Prereq: SOC 130 or SOC 134
Note: SEC A1, B1 restricted to SOC, P S A Majors only.
SEC A2, B2 for Majors other than SOC, P S A.
Meets U.S. diversity reqmt.

SOC SCI RSRCH MTHDS  SOC 302  3 CREDITS
Prereq: SOC 130 or SOC 134; STAT 101; or
Concurrent enrollment in STAT 101
Note: Course restricted to SOC, P S A, C J ST Majors
Students who have previously taken SOC 202 will not
receive credit for SOC 302.

SOC SCI RSRCH MHDS  SOC 302  3 CREDITS
Prereq: SOC 130 or SOC 134; STAT 101; or
Concurrent enrollment in STAT 101
Note: Course restricted to SOC, P S A, C J ST Majors
Students who have previously taken SOC 202 will not
receive credit for SOC 302.
LATINO EXP IN U.S. SOC 332 3 CREDITS
Prereq: SOC 130 OR SOC 134
Not for the College of Agriculture: diversity reqmt
1669005 A TR 3:40-5:00 Maldonado M
MEETS: JAN 13-MAY 9

DEVANT & CRIM BEHAV SOC 340 3 CREDITS
Prereq: SOC 120 OR SOC 134
16358005 A TR 2:10-3:30 Behnken M
MEETS: JAN 13-MAY 9

CRIMINOLOGY SOC 341 3 CREDITS
Prereq: SOC 130 OR SOC 134
4718005 A MWF 10:00-10:50 Hochstetler A
MEETS: JAN 13-MAY 9

GLB PIV, RSC & SUS DEV SOC 348X 3 CREDITS
Prereq: SOC 130 OR SOC 134
Note: Meets international perspectives reqmt
9576005 A TR 1:00-12:20 Mazur R
MEETS: JAN 13-MAY 9

PNISH, CORECTN & SOCIE SOC 352 3 CREDITS
Prereq: SOC 241 OR CJ ST 240
7760005 A TR 8:00-9:20 Drury A
MEETS: JAN 13-MAY 9

SOC CHNGE DEV CNTRI SOC 411 3 CREDITS
Prereq: SOC 130 OR SOC 134 PLUS 3 CR IN SOC
MEETS: JAN 13-MAY 9
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
6323005 A TR 1:00-12:20 Mazur R
MEETS: JAN 13-MAY 9

CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS
Prereq: JR/SR CLASSIFICATN; PERMISSION OF THE CJ ST COORDINATOR, MAJOR OR MINOR IN SOC, OR CJ ST MINOR
Note: No more than 12 credits of field experience (SC 454 & 460) may be applied toward graduation. No credits in SOC 460 may be used to satisfy minimum sociological requirements for sociology majors.
Satisfactory-Fail Only.
6370005 A2 T 2:10-5:00 beress t
MEETS: JAN 13-MAY 9

INDEP STUDY GEN SOC SOC 490A 1-3 CREDITS
Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
Notes: 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

SOFTWARE ENGINEERING

SOFTWR ENGR CAREERS S E 166 R CREDIT
7290005 A 12:00-1:00 MEETS: JAN 13-MAY 9

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

SOFTWARE PROJECT MGT S E 329 3 CREDITS
Prereq: COM S 309
Note: Available for nonmajor graduate credit
7377005 A1 T 11:00-12:15 MEETS: JAN 13-MAY 9

SFTWR ARCHITC & DESIGN S E 339 3 CREDITS
Prereq: S E 119
Note: Available for nonmajor graduate credit
7259005 A TR 10:00-12:10 MEETS: JAN 13-MAY 9

SOFTWARE ENGR INTERN S E 397 R CREDIT
Prereq: PERMISSION OF DEPT AND CAREER SERVICES
7300005 A1 T 11:00-12:15

COOPERATIVE EDUCATN S E 398 R CREDIT
Prereq: S E 298, PERMISSION OF DEPT & CAREER SERVICES
*** SEE DEPT FOR REFERENCE NUMBERS

FORML ASPECTS VERIFC S E 412 3 CREDITS
Prereq: COM S 309, S E 319
Note: Available for nonmajor graduate credit
7257005 A T 12:00-2:00 MEETS: JAN 13-MAY 9

INDEP STUDY HONORS SOC 490H 1-3 CREDITS
Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION
Notes: 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
SPANISH

LATIN AM LIT TO 1900 SPAN 332 3 CREDITS
Prereq: SPAN 314
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
6487005 1 MW 11:00-11:50
MEETS: JAN 13-MAY 9

INTR SPAN/ENG TRNSL SPAN 351 3 CREDITS
Prereq: SPAN 301, SPAN 303 OR SPAN 304
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
5071600 XW ARRANGED LEONARD K
Note: Section XW is off campus
Course delivery is WWW
MEETS: JAN 13-MAY 9

INTR SPANISH PHONOLG SPAN 352 3 CREDITS
Prereq: SPAN 301, SPAN 303 OR SPAN 304
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
3382005 1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
3382600 XW ARRANGED LEONARD K
Note: Section XW is off campus
Course delivery is WWW
MEETS: JAN 13-MAY 9

SEM LIT&CULTR SPAIN SPAN 440 3 CREDITS
Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333
(RECOMMEND SPAN 330 & SPAN 331)
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
7688005 1F 11:00-11:50
MEETS: JAN 13-MAY 9

SEM LIT&CUL LATIN AM SPAN 445 3 CREDITS
Prereq: SPAN 330, SPAN 331, SPAN 332, OR SPAN 333
(RECOMMEND SPAN 330 & SPAN 331)
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
6496005 1A TR 9:30-10:50
MEETS: JAN 13-MAY 9
Note: SEC 1A RESTRICTED TO SPAN MAJORS ONLY.
6496010 1B TR 9:30-10:50
MEETS: JAN 13-MAY 9
Note: SEC 1B FOR MAJORS OTHER THAN SPAN.

HISPANIC DIALECTOLOGY SPAN 463 3 CREDITS
Prereq: SPAN 352
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
8900005 1 TR 10:00-10:50
MEETS: JAN 13-MAY 9

INDEPENDENT STUDY SPAN 490 1-6 CREDITS
Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED TOWARD GRADUATION.
Permission of department chair required.
****** SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1-3 CREDITS
Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
Note: NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED TOWARD GRADUATION. Department permission required.
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS

SEM LIT&CUL LATIN AM SPAN 545 3 CREDITS
Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT 400 LEVEL
Note: TOPIC: THE AFRICAN DIASPORA IN LATIN AMERICAN AND SPAN
7468005 1 TR 9:30-10:50
MEETS: JAN 13-MAY 9

SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CREDITS
Prereq: C I 204
Note: Meets U.S. diversity reqmt
Department permission required 1st week.
6452005 1 MF 9:00-9:50
MEETS: JAN 13-MAY 9

ASESS INCLUSV CLSRM SP ED 355 2 CREDITS
Prereq: C I 433, C I 439, C I 468I, CONCURRENT ENROLLMENT IN SP ED 455
Note: CONCURRENT ENROLLMENT IN C I 433, 439, 468I, SP ED 455, REGISTER FOR THE SAME SECTION NUMBERS.
4385005 1 MF 11:00-11:50
MEETS: JAN 13-MAY 9
Note: NO MEETINGS FEB 18-MARCH 15

SPECIAL TOPICS SP ED 590 1-5 CREDITS
Prereq: 15 CRS IN ED; PERMISSION OF DEPT CHAIR
****** SEE DEPT FOR REFERENCE NUMBERS
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**SPEECH COMMUNICATION**

LISTENING SP CM 110 3 CREDITS

6418005 A MF 12:10-1:00 RINGLEE C
MEETS: JAN 13-MAY 9

FUND PUBLIC SPEAKING SP CM 212 3 CREDITS

Note: ATTEND LECTURE THE FIRST DAY—LECTURE IS THE FUNDAMENTAL COMPONENT OF THE COURSE. LECTURE & DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY CLASS MEETS 3 HOURS EACH WEEK. LECTURE & DISCUSSION MEET SECONUMER TIME AND LOCATION LISTED ON SCHEDULE.

**SPEECH COMMUNICATION**

LISTENING SP CM 110 3 CREDITS

6418005 A MF 12:10-1:00 RINGLEE C
MEETS: JAN 13-MAY 9

FUND PUBLIC SPEAKING SP CM 212 3 CREDITS

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6418005 A MF 12:10-1:00 RINGLEE C
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6418005 A MF 12:10-1:00 RINGLEE C
MEETS: JAN 13-MAY 9

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**SPEECH COMMUNICATION**

LISTENING SP CM 110 3 CREDITS

6418005 A MF 12:10-1:00 RINGLEE C
MEETS: JAN 13-MAY 9

FUND PUBLIC SPEAKING SP CM 212 3 CREDITS

Note: ATTEND LECTURE THE FIRST DAY—LECTURE IS THE FUNDAMENTAL COMPONENT OF THE COURSE. LECTURE & DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY CLASS MEETS 3 HOURS EACH WEEK. LECTURE & DISCUSSION MEET SECONUMER TIME AND LOCATION LISTED ON SCHEDULE.

**SPEECH COMMUNICATION**

LISTENING SP CM 110 3 CREDITS

6418005 A MF 12:10-1:00 RINGLEE C
MEETS: JAN 13-MAY 9

FUND PUBLIC SPEAKING SP CM 212 3 CREDITS

Note: ATTEND LECTURE THE FIRST DAY—LECTURE IS THE FUNDAMENTAL COMPONENT OF THE COURSE. LECTURE & DISCUSSION MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY CLASS MEETS 3 HOURS EACH WEEK. LECTURE & DISCUSSION MEET SECONUMER TIME AND LOCATION LISTED ON SCHEDULE.
SPEECH COMMUNICATION (CONTINUED)

RHETORICAL TRADITIONS SP CM 350 3 CREDITS
Prereq: ENGL 250
3005005  A TR 2:10-3:30 MEETS: JAN 13-MAY 9
Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
3005010  A2 TR 2:10-3:30 MEETS: JAN 13-MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

HIST AM PBLC ADDRS SP CM 416 3 CREDITS
Prereq: SP CM 212
6440005  A1 TR 8:00-9:50 MEETS: JAN 13-MAY 9
Note: Available for nonmajor graduate credit.

INDEPENDENT STUDY SP CM 490 1-3 CREDITS
Prereq: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATION, PERMISSION OF DEPT. CHAIR
Note: NO CREDITS IN SP CM 490 MAY BE APPLIED TOWARD THE MINOR
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

DIRECT SPEECH ACTIV SP CM 495A 1 CREDIT
Prereq: C J 301; 9 CR IN SP CM; MINIMUM GPA OF 2.5 IN SP CM COURSES
6445005  ARRANGED MEETS: JAN 13-MAY 9
Note: Instructor permission required.

CAPSTONE SEMINAR SP CM 497 3 CREDITS
Prereq: 15 CR IN SP CM; JR OR SR CLASSIFICATION
Note: FOR IBC SENIORS ONLY
8572005  TR 2:10-3:30 CROSSBY R MEETS: JAN 13-MAY 9

COMMUNIC INTERNSHIP SP CM 499 1-3 CREDITS
Prereq: 18 CR IN SP CM COURSES, OTHER COURSES
ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0 IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE
Note: NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD THE MINOR
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

PROSEM: TCH FUND SPK SP CM 513 1 CREDIT
Prereq: PERMISSION OF PROGRAM CHAIR
2093005  ARRANGED MEETS: JAN 13-MAY 9

SPECIAL TOPICS SP CM 590 1-4 CREDITS
Prereq: PERMISSION OF PROGRAM CHAIR
Note: NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE MINOR
******* SEE DEPT FOR REFERENCE NUMBERS

STDI CULTURAL RHETRC SP CM 592D 3 CREDITS
Prereq: 12 CREDITS IN RHETORIC, LINGUISTICS, OR LITERATURE, EXCLUDING ENGL 150 AND ENGL 250
3319005  A TR 1:10-2:00 MEETS: JAN 13-MAY 9

STATISTICS

PRIN OF STATISTICS STAT 101 4 CREDITS
Prereq: ONE AND A HALF YRS OF H S ALGEBRA
Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226. COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
6502005  A MWF 9:00-9:50 MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6502010  B MWF 9:00-9:50 PM 2:10-4:00 MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6502015  C MWF 10:00-10:50 T 2:10-4:00 MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6502020  D MWF 10:00-10:50 T 4:10-6:00PM MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6502025  E MWF 11:00-11:50 W 12:10-2:00 MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6502030  F MWF 12:00-11:50 W 2:10-4:00 MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6502035  G MWF 3:10-4:00 MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6502040  H MWF 3:10-4:00 R 4:10-6:00PM MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.

PRIN OF STATISTICS STAT 201 4 CREDITS
6502045  J MWF 2:10-3:00 T 10:00-11:50 MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6502050  K MWF 2:10-3:00 T 12:10-2:00 MEETS: JAN 13-MAY 9
6502055  L MWF 1:10-2:00 W 8:00-9:50 MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6502060  M MWF 1:10-2:00 W 10:00-11:50 MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6502065  N MWF 8:00-8:50 T 8:00-9:50 MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.
6502070  P MWF 8:00-8:50 R 8:00-9:50 MEETS: JAN 13-MAY 9
Note: Instructor permission required 1st week.

INTRO TO STATISTICS STAT 104 3 CREDITS
Prereq: 1 & 1/2 YRS OF H S ALGEBRA
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 151, STAT 194, STAT 105, STAT 201, STAT 215, STAT 226. COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
6503005  A TR 1:10-2:00 F 12:10-2:00 MEETS: JAN 13-MAY 9
6503010  B TR 2:10-3:00 F 2:10-4:00 MEETS: JAN 13-MAY 9
6503015  C TR 3:30-5:30 F 8:00-9:50 MEETS: JAN 13-MAY 9
6503020  D TR 8:00-9:50 F 10:00-11:50 MEETS: JAN 13-MAY 9
6503025  E TR 6:00-8:00 R 12:10-2:00 MEETS: JAN 13-MAY 9
6503030  F TR 6:00-8:00 R 10:00-11:50 MEETS: JAN 13-MAY 9

INTRO STAT FOR ENGR STAT 105 3 CREDITS
Prereq: MATH 165 (OR MATH 166)
Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ANY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226.
6504005  A TR 9:30-10:50 MEETS: JAN 13-MAY 9
6504010  B TR 8:00-9:20 MEETS: JAN 13-MAY 9

INTR STAT CNCPNTMTH STAT 201 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 165
4709005  MWF 1:10-2:00 W 2:10-4:00 MEETS: JAN 13-MAY 9

INTR BUSINES STAT I STAT 226 3 CREDITS
Prereq: MATH 150 OR MATH 165
Note: COURSE RESTRICTED TO ACCT, AG B, BUS S, BUSAD, BUSEC, BUS U, ECON, FIN, I BUS, LOMIS, MGMT, MIS, MKT, P BUS, SCM MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101, STAT 104, STAT 105, STAT 201, STAT 226.
3975005  A TR 9:30-10:50 MEETS: JAN 13-MAY 9
3975010  B TR 9:30-10:50 MEETS: JAN 13-MAY 9
3975015  C TR 10:00-11:10 MEETS: JAN 13-MAY 9
3975020  D TR 10:00-11:50 MEETS: JAN 13-MAY 9
3975025  E TR 11:00-12:10 MEETS: JAN 13-MAY 9
3975030  F TR 8:00-9:20 MEETS: JAN 13-MAY 9
3975035  G TR 8:00-9:20 MEETS: JAN 13-MAY 9

PROB & INFERENCE ENGRS STAT 231 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 265
6507005  A TR 12:10-1:00 MEETS: JAN 13-MAY 9
6507010  B TR 12:10-1:00 MEETS: JAN 13-MAY 9
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<tr>
<td>Bayesian Statistics</td>
<td>STAT 544</td>
<td>3</td>
<td>Prerequisite: STAT 543</td>
</tr>
<tr>
<td>Applied Time Series</td>
<td>STAT 451</td>
<td>3</td>
<td>Prerequisite: STAT 301 OR STAT 326 OR STAT 401</td>
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<tr>
<td>INDEPENDENT STUDY</td>
<td>STAT 490</td>
<td>VAR.</td>
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<td>MultiVar Stat Methods</td>
<td>STAT 501</td>
<td>3</td>
<td>Prerequisite: STAT 500 OR STAT 402 OR STAT 447 OR STAT 542; STAT 579 or Equivalent; Knowledge of Matrix Algebra</td>
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<tr>
<td>St Mth Spatial Data</td>
<td>STAT 506</td>
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<tr>
<td>STATISTICAL METHODS II</td>
<td>STAT 510</td>
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<td>Prerequisite: STAT 500 OR STAT 447 OR CREDIT OR ENROLLMENT IN STAT 543</td>
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<td>STAT 521</td>
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<td>STAT 533</td>
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<td>STAT 544</td>
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<tr>
<td>THY&amp;APP SAMPLE SURV</td>
<td>STAT 521</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>RELIABILITY</td>
<td>STAT 533</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Bayesian Statistics</td>
<td>STAT 544</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>STATISTICS</td>
<td>(CONTINUED)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUNCTIONAL DATA ANALYSIS</td>
<td>STAT 547X</td>
<td>3</td>
<td>Prerequisite: STAT 543 OR STAT 511</td>
</tr>
<tr>
<td>ADV GENOME INFORMATIC</td>
<td>STAT 568</td>
<td>3</td>
<td>Prerequisite: BCB 567, BBMB 301, BIOL 315, STAT 430, CREDIT OR ENROLLMENT IN GEN 411</td>
</tr>
<tr>
<td>DATA TECHNOL ST ALNY</td>
<td>STAT 585X</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPECTRAL THEORY</td>
<td>STAT 590A</td>
<td>VAR.</td>
<td></td>
</tr>
<tr>
<td>STATISTICAL METHODS</td>
<td>STAT 601</td>
<td>3</td>
<td>Prerequisite: STAT 520, STAT 543 AND MATH 414 OR ENROLLMENT IN STAT 543</td>
</tr>
<tr>
<td>ADV EXPERIMENT DESIGN</td>
<td>STAT 612</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ADV PROBABILITY THEORY</td>
<td>STAT 642</td>
<td>3</td>
<td>Prerequisite: STAT 641 OR CREDIT OR STAT 543 AND MATH 515</td>
</tr>
<tr>
<td>ADV STOCHASTIC PROCESS</td>
<td>STAT 645</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SEMINAR THEORY &amp;PRB</td>
<td>STAT 648</td>
<td>VAR.</td>
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</tr>
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<td>STAT 547X</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ADV GENOME INFORMATIC</td>
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<td></td>
</tr>
<tr>
<td>SEMINAR THEORY &amp;PRB</td>
<td>STAT 648</td>
<td>VAR.</td>
<td></td>
</tr>
</tbody>
</table>
SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT  SCM  301  3 CREDITS
PreReq: ECON 101, STAT 226
Note: SEC A1,B1 RESTRICTED TO ACCT, AG B, AST, BUS S, BUS U, BUSSEC, I TEC, FIN, LSCM, MGMT, MIS, MRT, OSCM, PS A, STM. SEC A2,B2,ECT FOR COLLEGES OTHER THAN BUSINESS, AG B, AST. CONCURRENT ENROLLMENT OR PRIOR CREDIT IN FIN 301 IS RECOMMENDED FOR THIS BLOCK. NEXT SEMESTERS ENROLLMENT BLOCK INCLUDES MGMT 370 & MRT 340.

1629005  A1 MWF 8:00-8:50
MEETS: JAN 13-MAY 9
1629010  A2 MWF 8:00-8:50
MEETS: JAN 13-MAY 9
1629015  B1 MWF 9:00-9:50
MEETS: JAN 13-MAY 9
1629020  B2 MWF 9:00-9:50
MEETS: JAN 13-MAY 9
1629025  C1 MWF 10:00-10:50
MEETS: JAN 13-MAY 9
1629030  C2 MWF 10:00-10:50
MEETS: JAN 13-MAY 9
1629035  D1 MWF 11:00-11:50
MEETS: JAN 13-MAY 9
1629040  D2 MWF 11:00-11:50
MEETS: JAN 13-MAY 9
1629045  E1 TR 12:00-12:50
MEETS: JAN 13-MAY 9
1629050  E2 TR 12:00-12:50
MEETS: JAN 13-MAY 9
1629055  F1 W 6:30-7:25PM
MEETS: JAN 13-MAY 9
1629060  F2 W 6:30-7:25PM
MEETS: JAN 13-MAY 9
1629065  G1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
1629070  G2 TR 12:40-2:00
MEETS: JAN 13-MAY 9
1629075  J1 TR 5:10-6:25PM
MEETS: JAN 13-MAY 9
1629080  J2 TR 5:10-6:25PM
MEETS: JAN 13-MAY 9
1629085  K1 TR 6:40-7:55PM
MEETS: JAN 13-MAY 9
1629090  K2 TR 6:40-7:55PM
MEETS: JAN 13-MAY 9

MFG PLANNING&CONTROL  SCM  422  3 CREDITS
PreReq: SCM 301
Note: GRADUATE STUDENT SEE 1200 GERDIN FOR PERMISSION.

8120005  A1 MWF 8:00-8:50
MEETS: JAN 13-MAY 9
8120010  A2 MWF 8:00-8:50
MEETS: JAN 13-MAY 9
8120015  B1 MWF 9:00-9:50
MEETS: JAN 13-MAY 9
8120020  B2 MWF 9:00-9:50
MEETS: JAN 13-MAY 9
8120025  C1 MWF 10:00-10:50
MEETS: JAN 13-MAY 9
8120030  C2 MWF 10:00-10:50
MEETS: JAN 13-MAY 9
8120035  D1 MWF 11:00-11:50
MEETS: JAN 13-MAY 9
8120040  D2 MWF 11:00-11:50
MEETS: JAN 13-MAY 9
8120045  E1 TR 12:00-12:50
MEETS: JAN 13-MAY 9
8120050  E2 TR 12:00-12:50
MEETS: JAN 13-MAY 9
8120055  F1 W 6:30-7:25PM
MEETS: JAN 13-MAY 9
8120060  F2 W 6:30-7:25PM
MEETS: JAN 13-MAY 9
8120065  G1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
8120070  G2 TR 12:40-2:00
MEETS: JAN 13-MAY 9
8120075  J1 TR 5:10-6:25PM
MEETS: JAN 13-MAY 9
8120080  J2 TR 5:10-6:25PM
MEETS: JAN 13-MAY 9
8120085  K1 TR 6:40-7:55PM
MEETS: JAN 13-MAY 9
8120090  K2 TR 6:40-7:55PM
MEETS: JAN 13-MAY 9

PROJECT MANAGEMENT  SCM  437  3 CREDITS
Note: SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY
SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSSEC, FIN, LSCM, MGMT, MRT, OSCM, SCM MAJORS ONLY.

5244005  A1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
5244010  A2 TR 12:40-2:00
MEETS: JAN 13-MAY 9
5244015  B1 TR 3:40-5:00
MEETS: JAN 13-MAY 9
5244020  B2 TR 3:40-5:00
MEETS: JAN 13-MAY 9

ERP SY & SUPPLY CHAIN  SCM  450  3 CREDITS
PreReq: SCM 301, MIS 330 OR I E 148, I E 341
Note: Available for nonmajor graduate credit

8120025  A1 MWF 10:00-10:50
MEETS: JAN 13-MAY 9
8120030  A2 MWF 10:00-10:50
MEETS: JAN 13-MAY 9

DECISION TOOLS LOG&OP  SCM  460  3 CREDITS
Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
Available for nonmajor graduate credit

6790005  A1 MFN 9:00-9:50
MEETS: JAN 13-MAY 9
6790010  A2 MFN 9:00-9:50
MEETS: JAN 13-MAY 9

PROJECT MANAGEMENT  SCM  479  3 CREDITS
Note: SEC A1,B1 RESTRICTED TO SCM UNDERGRADS ONLY
SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSSEC, FIN, LSCM, MGMT, MRT AND OSCM MAJORS ONLY.

1069005  A1 TR 3:40-5:00
MEETS: JAN 13-MAY 9

PRIN TRANSPORTATION  SCM  461  3 CREDITS
PreReq: SCM 301
Note: GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.
Available for nonmajor graduate credit

6790030  B1 TR 12:40-2:00
MEETS: JAN 13-MAY 9
6790040  B2 TR 12:40-2:00
MEETS: JAN 13-MAY 9

DEMAND PLANNING&MGT  SCM  485  3 CREDITS
Note: COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY EXCEPT P BUS.
GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION
Available for nonmajor graduate credit

1069005  A1 TR 3:40-5:00
MEETS: JAN 13-MAY 9

PRIN PRCHS&SUPPLY MGT  SCM  486  3 CREDITS
PreReq: SCM 301
Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSSEC, FIN, I BUS, LSCM, MGMT, MIS, MRT, OSCM, SCM MAJORS ONLY. GRADUATE STUDENTS SEE 1200 GERDIN FOR PERMISSION.

4788005  A1 TR 9:30-10:15
MEETS: JAN 13-MAY 9
4788010  B TR 8:00-9:15
MEETS: JAN 13-MAY 9

SUPPLY CHAIN MANAGEMENT (CONTINUED)  200
Course delivery is WWW
Note: Section XW is off campus
MEETS: JAN 13-MAY 9
5626600  XW ARRANGED
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW

SOIL &WTR CONSERVATION TSM 324 3 CREDITS
Pre-req: MA 140 OR MA 142
1345005  A MW 8:00-8:50
T 12:10-1:10
MEETS: JAN 13-MAY 9

AG MACHINRY & POWER TSM 330 3 CREDITS
Pre-req: TSM 210; MATH 140 OR MATH 165
1347005  A MW 10:00-10:50
W 1:10-3:00
MEETS: JAN 13-MAY 9
1347010  B MW 10:00-10:50
W 3:10-5:00
MEETS: JAN 13-MAY 9

FLUID POWER SYSTEMS TSM 337 3 CREDITS
Pre-req: TSM 210
3335005  A MW 11:00-11:50
T 2:40-4:30
MEETS: JAN 13-MAY 9
3335010  B MW 11:00-11:50
T 12:40-2:30
MEETS: JAN 13-MAY 9
3335015  C MW 11:00-11:50
T 9:30-11:20
MEETS: JAN 13-MAY 9

ELECTRICITY FOR AG INDUSTRIES TSM 363 4 CREDITS
Pre-req: TSM 210, PHYS 112
Note: Course restricted to A E, AST, BSE & I TEC majors only.
6831005  A TR 8:00-9:20
T 12:10-3:00
MEETS: JAN 13-MAY 9
6831010  B TR 8:00-9:20
T 12:10-3:00
MEETS: JAN 13-MAY 9
6831015  C TR 8:00-9:20
M 2:10-5:00
MEETS: JAN 13-MAY 9
6831020  D TR 8:00-9:20
T 3:10-6:00PM
MEETS: JAN 13-MAY 9

Note: Department permission required.

OCCUPATIONAL SAFETY TSM 370 3 CREDITS
Pre-req: TSM 270, JUNIOR STANDING
7282005  ARRANGED
MEETS: JAN 13-MAY 9
Note: Course delivery is WWW
7282600  XH ARRANGED
MEETS: JAN 13-MAY 9
Note: Contact Lori Youngberg for permission to register at lyoun@iastate.edu.
Course delivery is WWW
Section XH is off-campus
Tuition Category: GPIDEA Consortium

OCCUPATIONAL SAFETY MANAGEMENT TSM 371 2 CREDITS
Pre-req: TSM 370
5626005  A TR 11:00-11:50
MEETS: JAN 13-MAY 9
5626600  XW ARRANGED
MEETS: JAN 13-MAY 9
Note: Contact Lori Youngberg for permission to register at lyoun@iastate.edu.
Course delivery is WWW
### TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

**INDEP STUDY HONORS TSM 490H 1-4 CREDITS**
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
Permission, completion of independent study contract and approval by department
Note: No more than 4 credits of TSM 490 may be used toward the total credits required for graduation. Course restricted to university honors students only.
Department permission required.

**INDUSTRY MACHIN SYS TSM 490M 1-4 CREDITS**
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
Permission, completion of independent study contract and approval by department
Note: No more than 4 credits of TSM 490 may be used toward the total credits required for graduation. Department permission required.

**INDUSTRY BIOMED MGT TSM 490J 1-4 CREDITS**
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
Permission, completion of independent study contract and approval by department
Note: No more than 4 credits of TSM 490 may be used toward the total credits required for graduation. Department permission required.

**WEEKLY OCCUP SAFETY TSM 493D 1-4 CREDITS**
Satisfactory-Fail Only.

**DOCTORAL TECH COMM TSM 698 1 CREDIT**
Satisfactory-Fail Only.

**RESEARCH TSM 699 1-6 CREDITS**

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### THEATRE

**INSTR PERFORMING ARTS THTRE 106 3 CREDITS**
**6729005 A MNF 2:10-3:00 COX J**
**MEETS: JAN 13-MAY 9**

**THEATRE AND SOCIETY THTRE 110 3 CREDITS**
**1130005 TR 9:30-10:50 TRENBERTH J**
**MEETS: JAN 13-MAY 9**

**CONCERT AND DANCE THTRE 224 .5-2 CREDITS**
Prereq: BY AUDITION ONLY
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.

**THEATRE PRACTICUM THTRE 250 1-2 CREDITS**
**6732005 M 5:10-6:00 PM TRENBERTH J**
**ARRANGED**
**MEETS: JAN 13-MAY 9**

**THEATRE AND SOCIETY THTRE 110 3 CREDITS**
**6733005 A MNF 11:00-11:50**
**MEETS: JAN 13-MAY 9**

**CONCERT AND DANCE THTRE 224 .5-2 CREDITS**
Prereq: BY AUDITION ONLY
Note: Instructor permission required 1st week.

**THEATRE PRACTICUM THTRE 250 1-2 CREDITS**
**6734005 A MNF 1:10-2:00 SUNDERMAN R**
**MEETS: JAN 13-MAY 9**

**THEATRE AND SOCIETY THTRE 110 3 CREDITS**
**6735005 C MNF 10:00-10:50**
**MEETS: JAN 13-MAY 9**

**SCRIPT ANALYSIS THTRE 263 3 CREDITS**
**6763005 TR 9:30-10:50 DELL B**
**MEETS: JAN 13-MAY 9**

**SPECIAL PROJECTS THTRE 290 1-3 CREDITS**
Prereq: 1 credit in theatre; permission of instructor; approval of written proposal
Note: Instructor permission required.

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THEATRE (CONTINUED)

MUSICAL THEATRE II THTRE 355 3 CREDITS
Prereq: THTRE 354
MTS: JAN 13-MAY 9
3132005 TR 10:30-11:50, ARRANGED DELL B

STAGECRAFT THTRE 360 4 CREDITS
Prereq: THTRE 255
6742005 TR 9:30-10:50 SUNDERMAN R
ARRANGED
MTS: JAN 13-MAY 9
THEATRICAL DESIGN II THTRE 366 3 CREDITS
Prereq: THTRE 254
7920005 TR 11:00-12:20 SCHAEFFER K
ARRANGED
MTS: JAN 13-MAY 9
DIRECTING II THTRE 456 3 CREDITS
Prereq: THTRE 455
1116005 MWF 12:10-1:30 DELL B
MTS: JAN 13-MAY 9
THEATRICAL DESIGN STD THTRE 461 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
6743005 MWF 10:00-10:50 SUNDERSRMAN R
F 11:00-11:50 SUNDERSRMAN R
ARRANGED
MTS: JAN 13-MAY 9
HIST OF THEATRE II THTRE 466 3 CREDITS
Prereq: THTRE 465
Note: Available for nonmajor graduate credit
6749005 TR 12:40-2:00 FOSS M
MTS: JAN 13-MAY 9
ADV THTRE PRACTICUM THTRE 469 1-4 CREDITS
Prereq: 9 CR IN THTRE COURSES, JR CLASSIFICATION
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1-3 CREDITS
Prereq: 9 CR IN THTRE COURSES, APPROVED WRITTEN PROPOSAL, JUNIOR CLASSIFICATION
Note: No more than 9 credits of THTRE 490 may be applied toward graduation
***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1-8 CREDITS
Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL AND 3.00 IN THTRE COURSES
***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THTRE 590 1-4 CREDITS
Prereq: APPROVED WRITTEN PROPOSAL
Note: Permission of department chair required.
***** SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY (CONTINUED)

FOODBORNE HAZARDS TOX 419 3 CREDITS
Prereq: MICRO 201 OR MICRO 302, A COURSE IN BIOCHEMISTRY
Note: Credit for either FS HN/TOX/MICRO 419 or FS HN/TOX/NUTRS 519, but not both, may be applied toward graduation.
8578005 MWF 11:00-11:50 HENDRICH S
MTS: JAN 13-MAY 9

TOXICOLOGY METHODS TOX 502 3 CREDITS
Prereq: TOX 501
6768005 TR 11:10-12:30 MONTGOMERY L
MTS: JAN 13-MAY 9

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
7126005 T 4:10-5:00 MONTGOMERY L
MTS: JAN 13-MAY 9

FOOD TOXICOLOGY TOX 519 3 CREDITS
Prereq: A COURSE IN BIOCHEMISTRY
Note: Credit for either FS HN/TOX/MICRO 419 or FS HN/TOX/NUTRS 519, but not both, may be applied toward graduation.
8270005 ARRANGED
MTS: JAN 13-MAY 9

VETERINARY TOXICOLOGY TOX 526 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
9010005 MTR 11:00-11:50 RUMBEIHA W
MTS: JAN 13-MAY 9

MEETS: JAN 13-MAY 9

THEATRE (CONTINUED)

MEETS: JAN 13-MAY 9

CLINICAL DIAGNOSIS TOX TOX 546 1-3 CREDITS
Prereq: D.V.M. DEGREE OR VDPAM 526
1231005 ARRANGED
RUMBEIHA W
MTS: JAN 13-MAY 9

PESTICIDES IN ENVIR TOX 550 2 CREDITS
Prereq: 9 CREDITS OF BIOLOGICAL SCIENCES
9666005 A TR 9:00-9:50 COATS J
MTS: JAN 13-MAY 9

GENERAL PHARMACOLOGY TOX 554 3 CREDITS
Prereq: 8 M S 549, 8 M S 552; BBMB 404, BBMB 405
4499005 MWF 1:10-2:00 T 11:00-11:50
MTS: JAN 13-MAY 9

SPECIAL TOPICS TOX 590 1-3 CREDITS
***** SEE DEPT FOR REFERENCE NUMBERS

RAPID MTH FD MICROB TOX 627 2 CREDITS
Prereq: FS HN 420 OR FS HN 421 OR FS HN 504
8340005 MN 11:00-12:00 BREHM-STECHER B
MTS: JAN 13-MAY 9

CURRENT TOPICS TOX TOX 689X 3 CREDITS
Prereq: GRAD COURSE IN BIOCHEM, GEN OR CELL BIOL
2305005 T 9:00-10:00 ACKERMANN M
R 9:00-9:50 ACKERMANN M
MTS: JAN 13-MAY 9

RESEARCH TOX 699 1-3 CREDITS
8671005 ARRANGED
MTS: JAN 13-MAY 9

RESEARCH TOX 699V 1-3 CREDITS
8678005 ARRANGED
MTS: JAN 13-MAY 9

TRANSPORTATION

TRANSP RSRCH MTHDS TRANS 555 3 CREDITS
Prereq: E 350 OR 355
1956005 ARRANGED
MTS: JAN 13-MAY 9

CREATIVE COMPONENT TRANS 599 1-3 CREDITS
4160005 ARRANGED
MTS: JAN 13-MAY 9

SEMINR TRANSP PLAN TRANS 691 1-3 CREDITS
6786005 ARRANGED
MTS: JAN 13-MAY 9

RESEARCH TRANS 699 1-3 CREDITS
8678005 ARRANGED
MTS: JAN 13-MAY 9

UNIVERSITY STUDIES

FIRST-YR SEM I:ATHLT U ST 101D 1 CREDIT
Prereq: ACCEPTANCE/PARTICIPATION IN APPROPRIATE LEARNING COMMUNITY OR SPECIAL PROGRAM
5713005 1 M 8:00-8:50 PARROTT M
MTS: JAN 13-MAY 9

FIRST-YR SEM II:MVP U ST 102A 1 CREDIT
Prereq: U ST 101 OR INSTRUCTOR PERMISSION
5713005 2 T 8:00-8:50 PARROTT M
MTS: JAN 13-MAY 9

FIRST-YR SEM II:SCI U ST 102B 1 CREDIT
Prereq: U ST 101 OR INSTRUCTOR PERMISSION
5713005 1 W 12:10-1:00 HARGRAVE C
MTS: JAN 13-MAY 9

MTS: JAN 13-MAY 9
UNIVERSITY STUDIES (CONTINUED)

PERSONAL CAREER DEV  U ST  104  2 CREDITS
6243005  1 TR  8:00-8:50  BECKER M
6243010  2 MW 11:00-11:50  BECKER M
MEETS: JAN 13-MAY 9
6243015  3 MW 1:10-2:00  BECKER M
MEETS: JAN 13-MAY 9
6243020  4 TR  10:10-11:00  BECKER M
MEETS: JAN 13-MAY 9

CARVER FRESHM SMNN  U ST  106  1 CREDIT
PreReq: ACCEPTANCE IN CARVER ACADEMY PROGRAM, GEORGE WASHINGTON CARVER SCHOLARSHIP RECIPIENT
Note: Meets U.S. diversity reqmt
Satisfactory-Fail Only.
4173005  1 M 10:00-11:50  LEIGH P
MEETS: JAN 13-MAY 9
4173010  2 T  10:00-11:50  LEIGH P
MEETS: JAN 13-MAY 9
4173015  3 R  10:00-11:50  LEIGH P
MEETS: JAN 13-MAY 9
4173020  4 W  10:00-11:50  LEIGH P
MEETS: JAN 13-MAY 9

MCNAIR: LIT & METHODOL  U ST  302  1 CREDIT
PreReq: U ST 301
Satisfactory-Fail Only.
6494005  1 M 6:10-8:00PM  HARDING T
MEETS: JAN 13-MAY 9

LEADERS SMNN I: HIXS  U ST  311A  1 CREDIT
PreReq: 101
Satisfactory-Fail Only.
7281005  1 W 5:10-6:00PM  SANBORN D
MEETS: JAN 13-MAY 9
Note: SEC 1 FOR HIXSON SCHOLARS ONLY.

LEADRS SMNN I: MYP  U ST  311B  1 CREDIT
PreReq: 101 Satisfactory-Fail Only.
8404005  1 W 4:10-5:00  LOZANO S
MEETS: JAN 13-MAY 9

CY AIDE LEADRS SMNN  U ST  315  2 CREDITS
PreReq: SELECTION AS A CYCLONE AIDE STUDENT
LEADER Satisfactory-Fail Only.
5284005  1 TR  8:00-9:20  KURT E
MEETS: JAN 13-MAY 9

MCNAIR: FINAL REPORT  U ST  402  1 CREDIT
PreReq: 401 Satisfactory-Fail Only.
6495005  1 T 6:10-8:00PM  HARDING T
MEETS: JAN 13-MAY 9

INDEPENDENT STUDY  U ST  490  VAR. CREDITS
PreReq: PERMISSION OF THE ASSOCIATE PROVOST
Note: PERMISSION OF THE CHAIR OF THE INTERNATIONAL STUDIES COMMITTEE & ASSOCIATE PROVOST ARE REQUIRED.
Department permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

VET DIAGNOSTIC & PRODUCTION AN MED

SPANISH FOR VETNRN  VDPAM 308  2 CREDITS
PreReq: BASIC KNOWLEDGE OF SPANISH
Note: COURSE RESTRICTED TO VM & VM NE MAJORS ONLY
9308005  W 3:10-4:00  RAMIREZ A
MEETS: JAN 13-MAY 9

INTR PROD INFRTMCS  VDPAM 309  1 CREDIT
8724005  M 12:10-1:00  HOLTKAMP D
MEETS: JAN 13-MAY 9

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

INTR PRODUCTION MED  VDPAM 310  2 CREDITS
PreReq: CLASSIFICATION AS SECOND OR THIRD YEAR VETERINARY STUDENT OR PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO COLLEGE OF VET MED STUDENTS ONLY
8463005  W 11:30-1:30  KARRIKER L
MEETS: JAN 13-MAY 9

INTRO ANIMAL WELFARE  VDPAM 312  1 CREDIT
PreReq: CLASSIFICATION AS A FIRST YEAR VETERINARY STUDENT
Note: COURSE RESTRICTED TO COLLEGE OF VET MED STUDENTS ONLY
1665005  F 9:00-9:50  MILLMAN S

CLINICAL FOUNDATNS  VDPAM 340  1 CREDIT
PreReq: CLASSIFICATION IN VET MED
4872005  ARRANGED  DEWELL R
MEETS: JAN 13-MAY 9

BOVIN EMBRYO TRANSFR  VDPAM 351  2 CREDITS
PreReq: CLASSIFICATION AS A SECOND OR THIRD YEAR VETERINARY STUDENT
9310005  ARRANGED  WEST J
MEETS: JAN 13-MAY 9

ADV DAIRY INFORMTCS  VDPAM 402  2 CREDITS
PreReq: VDPAM 399 OR PERMISSION OF INSTRUCTOR
Note: Available for nonmajor graduate credits
2057005  A ARRANGED  GORDEN P
MEETS: JAN 13-MAY 9
2057010  B ARRANGED  GORDEN P
MEETS: JAN 13-MAY 9
2057015  C ARRANGED  GORDEN P
MEETS: JAN 13-MAY 9
2057020  D ARRANGED  GORDEN P
MEETS: JAN 13-MAY 9
2057025  E ARRANGED  GORDEN P
MEETS: JAN 13-MAY 9

CLINICAL DECISION MAKING  VDPAM 407  1 CREDIT
PreReq: PERMISSION OF INSTRUCTOR
5440005  ARRANGED  RAMIREZ A
MEETS: JAN 13-MAY 9

VET PRAC ENTREPRENR  VDPAM 414  2 CREDITS
8766005  ARRANGED  BAKER R
MEETS: JAN 13-MAY 9

TECHNICAL ELECTIVE  VDPAM 415  1-6 CREDITS
PreReq: CLASSIFICATION AS A FOURTH YEAR STUDENT IN VETERINARY MEDICINE
2058005  A ARRANGED  THOMPSON J
MEETS: JAN 13-MAY 9

BOVIN REPROD EV LAB  VDPAM 416  1 CREDIT
PreReq: CLASSIFICATION AS A THIRD YEAR STUDENT IN VETERINARY MEDICINE; 10 STUDENTS PER SECTION
5110005  A M 1:10-5:00  PHILLIPS P
MEETS: JAN 13-MARCH 7
5110010  B F 1:10-5:00  PHILLIPS P
MEETS: JAN 13-MARCH 7
5110015  C F 1:10-5:00  PHILLIPS P
MEETS: MARCH 10-MAY 9
5110020  D F 1:10-5:00  PHILLIPS P
MEETS: MARCH 10-MAY 9

PRECPTR PROD AN MED  VDPAM 420  1-6 CREDITS
PreReq: CLASSIFICATION AS A SECOND OR THIRD YEAR VETERINARY STUDENT OR PERMISSION OF INSTRUCTOR
9072005  ARRANGED  THOMPSON J
MEETS: JAN 13-MAY 9

CALVING AT GPVEC  VDPAM 421A  1 CREDIT
PreReq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4419005  ARRANGED  DEWELL R

GPVEC: BULL BREEDING  VDPAM 421B  1 CREDIT
PreReq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4417005  ARRANGED  DEWELL R

GPVEC: CLINICAL  VDPAM 421C  1 CREDIT
PreReq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4422005  ARRANGED  DEWELL R

GPVEC: FEEDLOT MGMT  VDPAM 421D  1 CREDIT
PreReq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4423005  ARRANGED  DEWELL R

LAMING AT GPVEC  VDPAM 421J  1 CREDIT
PreReq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
4476005  ARRANGED  DEWELL R
### VETERINARY CLINICAL SCIENCES

**SHELTER MEDICINE**  
V C S 305  
1 CREDIT  
Prereq: FIRST-YEAR CLASSIFICATION IN VETERINARY MEDICINE OR WITH PERMISSION OF INSTRUCTOR  
6948005  
R 12:10-1:00  
VET IN SOCIETY V  
V C S 315  
1 CREDIT  
Prereq: THIRD-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
7785005  
1 RF 8:00-5:00  
ACKERMANN M  
MEETS: JAN-9-10  
**GRAND ROUNDS**  
V C S 385  
R CREDIT  
Prereq: CLASSIFICATION IN VETERINARY MEDICINE  
Satisfactory-Fail Only.  
7446005  
F 8:00-8:50  
CASTON S  
**SURGERY PRINCIP LAB**  
V C S 394  
1 CREDIT  
Prereq: 2ND-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
3831005  
1 W 1:10-3:00  
REINERTSON E  
3831010  
2 W 3:10-5:00  
REINERTSON E  
**SMALL ANIMAL SURGERY**  
V C S 395  
2 CREDITS  
Prereq: 394  
3873005  
TR 8:00-8:50  
TOOMBS J  
**EQUINE SURGERY**  
V C S 396  
2 CREDITS  
Prereq: 394  
3899005  
T 8:00-9:50  
CASTON S

**ANESTHESIOLOGY**  
V C S 398  
1 CREDIT  
Prereq: SECOND-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
3472005  
W 9:00-9:50  
RIEDESEL D  
MEETS: JAN-13-MAY-9  
**OPHTHALMOLOGY**  
V C S 399  
1 CREDIT  
Prereq: THIRD-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
3476005  
P 11:00-11:50  
WHITTLEY R  
**PET BIRD & EXOTIC SPEC**  
V C S 405  
2 CREDITS  
Prereq: THIRD-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
Note: COURSE RESTRICTED TO COLLEGE OF VETERINARY MEDICINE  
6874005  
R 1:10-3:00  
ZAFFARANO B  
MEETS: JAN-13-MARCH-7  
**ONCOLOGY**  
V C S 409  
1-2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
Note: COURSE OFFERED FOR 2 CREDITS SPRING 2014  
9213005  
MTWRF 8:00-5:00  
FOX L  
**COMPANION ANIMAL NUTRITION**  
V C S 414  
1 CREDIT  
Prereq: THIRD OR FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
7777005  
ARRANGED  
DEITZ K  
MEETS: JAN-13-MARCH-7  
**PRECEPTOR COMPANION ANIMAL MED**  
V C S 419  
2-6 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
PERMISSION OF DEPARTMENT CURRICULUM COMMITTEE  
1664005  
ARRANGED  
REINERTSON E  
Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.  
**PRACTICUM**  
V C S 420X  
R CREDIT  
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
6177005  
ARRANGED  
NOXON J  
MEETS: JAN-13-MAY-9  
**BLANK PK ZOO ROTATION**  
V C S 422  
4 CREDITS  
Prereq: V C S 405, FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
PERMISSION OF INSTRUCTOR  
1166005  
MTWRF 8:00-5:00  
OLDS J  
**SM ANIMAL SHEILFR MED**  
V C S 437  
2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
7944005  
MTWRF 8:00-5:00  
KAUFPPMN L  
MEETS: JAN-13-MAY-9  
**INTRO TO CLINICS**  
V C S 440  
R CREDIT  
Prereq: THIRD-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
6880005  
ARRANGED  
NOXON J  
**CANCER REHABILITATION**  
V C S 441  
2 CREDITS  
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
9232005  
MTWRF 8:00-5:00  
BERGH M  
**EQUINE LAMENESS**  
V C S 443  
2 CREDITS  
Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN VETERINARY MEDICINE  
6882005  
R 1:10-5:00, ARRANGED  
MCCLURE S  
MEETS: JAN-13-MARCH-7  
**CLINICAL NEUROLOGY**  
V C S 446  
2 CREDITS  
Prereq: 4TH-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
5112005  
MTWRF 8:00-5:00  
JEFFREY N  
**DIAGNOSTIC RADIOLOGY**  
V C S 448  
3 CREDITS  
Prereq: THIRD-YEAR CLASSIFICATION IN VETERINARY MEDICINE  
6886005  
1 TR 10:00-10:50  
MILES K  
T 1:10-3:00  
MILES K  
6886010  
2 TR 10:00-10:50  
RIEDESEL E  
T 3:10-5:00  
RIEDESEL E  
**ADV SURG NEUROSOCIETY**  
V C S 451A  
2 CREDITS  
5369005  
1 W 11:00-11:50  
TOOMBS J  
M 1:10-5:00  
TOOMBS J  
MEETS: MARCH-10-APRIL-9  
**ADV TRADIT SELLER**  
V C S 451B  
2 CREDITS  
Prereq: 449  
7005005  
1 W 11:00-11:50  
TOOMBS J  
M 1:10-5:00  
TOOMBS J  
MEETS: JAN-13-MARCH-7  
7005010  
2 W 11:00-11:50  
TOOMBS J  
F 1:10-3:00  
TOOMBS J  
MEETS: JAN-13-MARCH-7  
7005015  
3 W 11:00-11:50  
TOOMBS J  
M 1:10-5:00  
TOOMBS J  
MEETS: MARCH-10-APRIL-9
VETERINARY CLINICAL SCIENCES  (CONTINUED)

CLINICAL DERMATOLOGY  V C S 452  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY MEDICINE, MUST HAVE INSTRUCTOR PERMISSION TO REPEAT THIS COURSE.
1931005  MTWRF 8:00-5:00  NOXON J

SMALL ANIMAL MED I  V C S 453  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6889005  MTWRFs 8:00-5:00  MORRISON J

SMALL ANIMAL MED II  V C S 454  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6890005  MTWRFs 8:00-5:00  MORRISON J

SM AN SOFT TISS SUR  V C S 455  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6891005  MTWRFs 8:00-5:00  HEDLAND C

SM AN ORTHOPED SURG  V C S 456  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6892005  MTWRFs 8:00-5:00  KRAUS K

EQUINE MEDICINE  V C S 457  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6893005  MTWRFs 8:00-11:50  WONG D

EQUINE SURGERY  V C S 458  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6894005  MTWRFs 8:00-11:50  CASTON S

SM AN OVERPOP OMAHA  V C S 459A  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4050005  MTWRFs 8:00-5:00  POPELKA S Note: OMAHA

SM AN OVERPOP D.M.  V C S 459B  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4107005  MTWRFs 8:00-5:00  POPELKA S Note: DES MOINES

SM AN OVERPOP K.C.  V C S 459C  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4313005  ARRANGED  POPELKA S Note: KANSAS CITY

RADIOLOGY  V C S 460  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6896005  MTWRFs 8:00-5:00  MILES K

ADV SM AN INTRNL MD  V C S 461  1 CREDIT
Prereq: V C S 444 AND V C S 446
2491005  T: 5:10-6:00PM  MORRISON J

PRIMARY CARE  V C S 463  2 CREDITS
Prereq: FOURTH YEAR CLASSIFICATION IN V MED
2322005  MTWRF 8:00-5:00  ZAFFARANO B

EQUINE FIELD SERVIC  V C S 464  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
4247005  MTWRFs 8:00-5:00  HOWARD J

FARRIER  V C S 465  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
7756005  MTWRF 8:00-5:00  MCCLURE S

VET ANESTHESIOLOGY  V C S 466  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6898005  MTWRF 8:00-5:00  RIEDESEL D

PAIN MANAGEMENT  V C S 467  1-2 CREDITS
Prereq: FOURTH YEAR CLASSIFICATION IN V MED
9108005  MTWRF 8:00-5:00  KRAUS B Notes: JAN 13-MAY 9

INTENSIVE CARE  V C S 468  4 CREDITS
6900055  ARRANGED  CURTIS M

OPHTHALMOLOGY  V C S 469  2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6901005  MTWRFs 8:00-5:00  WHITLEY R

RADIOLOGY  V C S 470  VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,
460 RECOMMENDED Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.

EQUINE REPRODUCTION  V C S 471E  VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
****** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES  (CONTINUED)

FOOD ANIM REPRODCTN  V C S 471F  VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

SML ANM AN REPRODCTN  V C S 471S  VAR. CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
****** SEE DEPT FOR REFERENCE NUMBERS

SML ANM SURG ORTHO  V C S 473O  1 CREDIT
****** SEE DEPT FOR REFERENCE NUMBERS

EQUINE ANESTHESIOLOGY  V C S 476E  1-2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
****** SEE DEPT FOR REFERENCE NUMBERS

SM ANM AN REPRODCTN  V C S 476S  1-2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
****** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY  V C S 490  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
****** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS  V C S 490H  VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
****** SEE DEPT FOR REFERENCE NUMBERS

ORIENTN INT'L EXPER  V C S 492  1 CREDIT
Prereq: CLASSIFICATION IN VET MED
6148005  ARRANGED

GRAND RND S PRESENTN  V C S 495  R CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Satisfactory-Pass Only.
6914005  F 8:00-8:50

INT'L PRECEPTORSHIP  V C S 496  1-12 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
Satisfactory-Pass Only.
6094005  ARRANGED

SPL TOPICS MEDICINE  V C S 590A  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SURGERY  V C S 590B  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC RADIOLOGY  V C S 590D  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOGY  V C S 590E  1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OPHTHALMOLOGY  V C S 590F  1-3 CREDITS
Note: Instructor permission required.
****** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT  V C S 599  VAR. CREDITS
Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
6920005  ARRANGED
MEETS: JAN 13-MAY 9

SEMINAR  V C S 604  1 CREDIT
6251005  ARRANGED

ADV SPECIAL SURGERY  V C S 672  2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
6926005  ARRANGED

RESEARCH MEDICINE  V C S 699A  VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY  V C S 699B  VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS

RSRC ANESTHESIOLOGY  V C S 699E  VAR. CREDITS
****** SEE DEPT FOR REFERENCE NUMBERS
VETERINARY CLINICAL SCIENCES (CONTINUED)

RESEARCH OPHTHALMOLGY V C S 699F VAR. CREDITS

*SEE DEPT FOR REFERENCE NUMBERS*

VETERINARY MICROBIOLOGY & PREV MED

CASE STUDY IV V MPM 378 2 CREDITS
Prereq: 2ND-YEAR CLASSIFICATION IN VET MED
6740005
MEETS: JAN 13-MAY 9

VETERINARY IMMUNOLOGY V MPM 380 2 CREDITS
Prereq: FIRST-YEAR CLASSIFICATION IN V MED
6941010
MF 11:00-11:50
MEETS: JAN 13-MAY 9

VETERINARY VIROLOGY V MPM 387 3 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN V MED
6943010
1 TWR 9:00-9:50
MEETS: JAN 13-MAY 9

PUBLIC HEALTH & PROV V MPM 388 3 CREDITS
Prereq: SECOND-YEAR CLASSIFICATION IN V MED
6940005
1 MF 11:00-11:50
MEETS: JAN 13-MAY 9

INFECT DIS WILD ANIM V MPM 409 1 CREDIT
Prereq: SECOND YEAR CLASSIFICATION IN V MED
8783005
1 T 5:10-7:00
MEETS: JAN 13-MAY 9

INFECT DIS & PREV MED V MPM 437 3 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6949005
1 MF 10:00-10:50
MEETS: JAN 13-MAY 9

PUBLIC HEALTH LAB V MPM 486 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
6951005
MTWR 2:10-5:00

INDEPENDENT STUDY V MPM 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND DEPT DIRECTOR
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.

*SEE DEPT FOR REFERENCE NUMBERS*

ZOO PRECEPTORSHIP V MPM 494 1-8 CREDITS
Prereq: FOURTH YEAR CLASSIFICATION IN V MED

*SEE DEPT FOR REFERENCE NUMBERS*

PRIN OF EPIDEMIOLOGY V MPM 522 3 CREDITS
6957005
MTWR 10:00-11:50
O’CONNOR A
MEETS: JAN 13-MAY 9

LIVESTK IMMUNOGENET V MPM 540 2 CREDITS
Prereq: AN S 561 OR MICRO 575 OR V MPM 520
6745005
1 ARRANGED
MEETS: JAN 13-MAY 9

IMMUNOLOGY V MPM 575 3 CREDITS
Prereq: 310
Note: CREDIT FOR EITHER V MPM 520 OR MICRO/V MPM 575, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5606005
MWF 8:00-8:50
MEETS: JAN 13-MAY 9

ANIMAL ViroLOGY V MPM 587 4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7951005
ARRANGED
MEETS: JAN 13-MAY 9

SPECIAL TOPICS V MPM 590 1-5 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

*SEE DEPT FOR REFERENCE NUMBERS*

CREATIVE COMPONENT V MPM 599 VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
7307005
ARRANGED
MEETS: JAN 13-MAY 9
7307115 ET ARRANGED
MEETS: JAN 13-MAY 9
7307105 KY ARRANGED
MEETS: JAN 13-MAY 9
7307165 TF ARRANGED
MEETS: JAN 13-MAY 9

ADV TOPC CELL IMMUN V MPM 629 2 CREDITS
Prereq: 525, 575
6965005
ARRANGED
MEETS: JAN 13-MAY 9

CURR TOPICS IMMUNOL V MPM 690A 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

*SEE DEPT FOR REFERENCE NUMBERS*

VETERINARY MICROBIOLOGY & PREV MED (CONTINUED)

CURR TOP INFECT DIS V MPM 690B 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.

*SEE DEPT FOR REFERENCE NUMBERS*

SEMN MOLC, C, DV BIO V MPM 698 1-2 CREDITS
Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2014.
7082005
M TWR 5:30-9:00
MEETS: JAN 13-MAY 9

RESEARCH V MPM 699 VAR. CREDITS

*SEE DEPT FOR REFERENCE NUMBERS*

VETERINARY PATHOLOGY

ANATOMIC PATHOLOGY I V PTH 342 3 CREDITS
Prereq: FIRST-YEAR CLASSIFICATION IN VET MED*

7445005
1 M 1:10-2:00
FALES-WILLIAMS A
F 8:00-8:50
FALES-WILLIAMS A
W 1:10-3:00
FALES-WILLIAMS A
MEETS: JAN 13-MAY 9

7445010
2 M 1:10-2:00
FALES-WILLIAMS A
F 8:00-8:50
FALES-WILLIAMS A
W 3:10-5:00
FALES-WILLIAMS A
MEETS: JAN 13-MAY 9

GENOME PRSPECTIVE BIOLOGY V PTH 349X 2 CREDITS
Prereq: GEN 313 OR GEN 320
9693005
TR 9:30-10:50
MEETS: JAN 13-MAY 9

INTRO PARASITOLOGY V PTH 353 3 CREDITS
Prereq: BIOL 212
9209005
TR 9:30-10:50
JONES D
MEETS: JAN 13-MAY 9

INTRO TO PATHOLOGY V PTH 402X 3 CREDITS
Prereq: BIOL 211L, BIOL 211L, BIOL 212L
9538005
TR 9:30-10:50
HAYNES J
MEETS: JAN 13-MAY 9

VETERINARY PATHOLOGY

ANATOMIC PATHOLOGY I V PTH 534 3 CREDITS
Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS

7445005
1 M 1:10-2:00
FALES-WILLIAMS A
F 8:00-8:50
FALES-WILLIAMS A
W 1:10-3:00
FALES-WILLIAMS A
MEETS: JAN 13-MAY 9

7445010
2 M 1:10-2:00
FALES-WILLIAMS A
F 8:00-8:50
FALES-WILLIAMS A
W 3:10-5:00
FALES-WILLIAMS A
MEETS: JAN 13-MAY 9

ANATOMIC PATHOLOGY II V PTH 542 3 CREDITS
Prereq: GRAD CLASSIFICATION & BIOL 352 OR EQUIV FOR GRAD CREDIT, PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY

7007005
MTWR 11:00-1:00
WHITLEY E
S 10:00-11:50
WHITLEY E
MEETS: JAN 13-MAY 9

CLINIC PATH LAB PRACTICE V PTH 456 1 CREDIT
Prereq: 3RD YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO V MED STUDENTS ONLY

7004005
MF 10:00-10:50
HOSTETTER S
MEETS: JAN 13-MAY 9

CLINIC PATH LAB PRACTICE V PTH 457 1 CREDIT
Prereq: 3RD YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO V MED SENIORS

7004005
MF 11:00-11:50
HOSTETTER S
MEETS: JAN 13-MAY 9

CLINIC PATH LAB PRACTICE V PTH 458 1 CREDIT
Prereq: 3RD YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO V MED SENIORS

7004005
MF 12:00-12:50
HOSTETTER S
MEETS: JAN 13-MAY 9

NECROSIS LAB PRACTICE V PTH 546 1 CREDIT
Prereq: 3RD YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO V MED STUDENTS ONLY

7007005
M 11:00-13:00
FLAHERTY H
R 10:00-12:00
HOSTETTER S
MEETS: JAN 13-MAY 9

INDEPENDENT STUDY V PTH 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR & DEPT DIRECTOR
Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.

*SEE DEPT FOR REFERENCE NUMBERS*

PRINCIPLES PATHOLOGY V PTH 503X 3 CREDITS
Prereq: BIOL 212L

6610005
M 9:00-11:50
HAYNES J
MEETS: JAN 13-MAY 9

VETERINARY PATHOLOGY

ANATOMIC PATHOLOGY I V PTH 542 3 CREDITS
Prereq: GRAD CLASSIFICATION & BIOL 352 OR EQUIV FOR GRAD CREDIT, PERMISSION OF INSTRUCTOR
Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY

7015005
1 M 1:10-2:00
FALES-WILLIAMS A
F 8:00-8:50
FALES-WILLIAMS A
W 1:10-3:00
FALES-WILLIAMS A
MEETS: JAN 13-MAY 9

7015010
2 M 1:10-2:00
FALES-WILLIAMS A
F 8:00-8:50
FALES-WILLIAMS A
W 3:10-5:00
FALES-WILLIAMS A
MEETS: JAN 13-MAY 9

DIAGNOSTIC PARASITIC BIOLOGY V PTH 548 1-3 CREDITS
Prereq: 176 OR 575
9686005
ARRANGED
MEETS: JAN 13-MAY 9

*SEE DEPT FOR REFERENCE NUMBERS*
VETERINARY PATHOLOGY  (CONTINUED)

CLIN PATHOLOGY LAB  V PTH 549  1 CREDIT
Prereq: 457, PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
7037005  ARRANGED  FLAHERTY H
MEETS: JAN 13-MAY 9
Note: Instructor permission required.

SURGICAL PATHOL LAB  V PTH 550  1-3 CREDITS
Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
Satisfactory-Fail Only.
7479005  ARRANGED  HAYNES J
MEETS: JAN 13-MAY 9

POSTMORT PATHOL LAB  V PTH 551  1-3 CREDITS
Prereq: 542, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7038005  MTNRFR 1:10-5:00  FALES-WILLIAMS A
 MEETS: JAN 13-MAY 9

ETHICS IN SCI RSRCH  V PTH 554  1 CREDIT
Prereq: GRADUATE CLASSIFICATION
Satisfactory-Fail Only.
5755005  F 9:00-9:50  HOSTETTER J
MEETS: JAN 13-MAY 9

SPL TOPC VET PATHOL  V PTH 590A  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT  V PTH 590B  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SP TOP VET CLIN PTH  V PTH 590D  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS  V PTH 590E  1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PATHOL  V PTH 599A  VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASI  V PTH 599B  VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

PATHOL CASE SEMINAR  V PTH 604  1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7027005  R 12:10-1:00  MEETS: JAN 13-MAY 9

CURR TOPICS SEMINAR  V PTH 605  1 CREDIT
******* SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH  V PTH 606A  R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7029005  ARRANGED  ACKERMANN M
MEETS: JAN 13-MAY 9

DIAG INTERP V PARAS  V PTH 606B  R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7030005  ARRANGED  MEETS: JAN 13-MAY 9

DIAG INTERP VET TOX  V PTH 606C  R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
5787005  ARRANGED  MEETS: JAN 13-MAY 9

DIAG INTERP CLINPTH  V PTH 606D  R CREDIT
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
9694005  ARRANGED  HOSTETTER S
MEETS: JAN 13-MAY 9

CELL & MOLEC PATHO II  V PTH 656  3 CREDITS
Prereq: GRAD COURSE IN BIOCHEM, GENETICS OR CELL BIOLOGY
9674005  T 9:00-10:50  ACKERMANN M
 R 9:00-9:50  ACKERMANN M
 MEETS: JAN 13-MAY 9

VETERINARY PATHOLOGY  (CONTINUED)

VET PATHOLOGY RSRCH  V PTH 699A VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLOGY RSRCH  V PTH 699B VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH  V PTH 699C VAR. CREDITS
******* SEE DEPT FOR REFERENCE NUMBERS

WOMEN'S STUDIES

GENDER JUSTICE  W S 160  1 CREDIT
Note: CROSS-LISTED WITH U ST 160. SEE U ST FOR COURSE DESCRIPTION.
Meets U.S. diversity reqmt
2484005  1 M 9:00-10:50  TESHOME Y
 MEETS: MARCH 10-MAY 9

2484010  2 T 2:10-4:00  TESHOME Y
 MEETS: MARCH 10-MAY 9

2484015  3 F 10:00-11:50  TESHOME Y
 MEETS: MARCH 10-MAY 9

2484020  4 W 2:10-4:00  TESHOME Y
 MEETS: MARCH 10-MAY 9

2484025  5 R 2:10-4:00  TESHOME Y
 MEETS: MARCH 10-MAY 9

INTRO WOMEN'S STUDI  W S 201  3 CREDITS
Meets U.S. diversity reqmt
Instructor permission required 1st week.
7058005  A M 2:10-3:00  WP 2:10-3:00
 MEETS: JAN 13-MAY 9

7058010  B M 2:10-3:00  WP 2:10-3:00
 MEETS: JAN 13-MAY 9

7058015  C M 2:10-3:00  WP 10:00-11:50
 MEETS: JAN 13-MAY 9

7058020  D M 2:10-3:00  WP 11:00-11:50
 MEETS: JAN 13-MAY 9

7058025  E M 2:10-3:00  WP 12:10-1:50
 MEETS: JAN 13-MAY 9

7058030  F M 2:10-3:00  WP 1:10-2:00
 MEETS: JAN 13-MAY 9

7058035  G M 2:10-3:00  WP 3:10-4:00
 MEETS: JAN 13-MAY 9

7058615  XR ARRANGED  MEETS: JAN 13-MAY 9
Note: Section XR is off campus
Course delivery is WWW
7058610  XV ARRANGED  MEETS: MARCH 10-MAY 9
Note: Section XV is off campus
Course delivery is WWW
7058605  XV ARRANGED  MEETS: JAN 13-MARCH 7
Note: Section XV is off campus
Course delivery is WWW
7058600  XVW ARRANGED  MEETS: JAN 13-MARCH 7
Note: Section XV is off campus
Course delivery is WWW

INTRO LESBIAN STUDI  W S 203  3 CREDITS
Prereq: CREDIT IN OR EXEMPTION FROM ENGL 104
Note: Meets U.S. diversity reqmt
2184005  TR 2:10-3:30  JAEKEL K
 MEETS: JAN 13-MAY 9

HUMAN REPRODUCTION  W S 258  3 CREDITS
Prereq: BIO1 101, OR 155, OR 211
7059005  TR 11:00-12:20  BASTAWROS H
 MEETS: JAN 13-MAY 9

WOMEN & GENDER INT'L  W S 301  3 CREDITS
Prereq: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
Note: Meets international perspectives reqmt
Available for nonmajor graduate credit
7060005  TR 11:00-12:20  TESHOME Y
 MEETS: JAN 13-MAY 9

7060600  XVW ARRANGED  MEETS: MARCH 10-MAY 9
Note: Section XV is off campus
Course delivery is WWW

ECON OF DISCRIMINAT  W S 321  3 CREDITS
Prereq: ECON 101
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
7070005  1 MWF 1:10-2:00  ORAZEM P
 MEETS: JAN 13-MAY 9
WOMEN'S STUDIES (CONTINUED)

GENDER & COMMUNICATION W S 323 3 CREDITS
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
3533005 A MF 9:00-9:50
MEETS: JAN 13-MAY 9
3533010 B MF 10:00-10:50
MEETS: JAN 13-MAY 9
3533015 C MW 2:10-3:00
MEETS: MARCH 10-MAY 9

MEDIA PORTR GNDR&SEX W S 325 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: RESTRICTED TO SOPHOMORES AND ABOVE.
9115005 TR 2:10-3:30
MEETS: JAN 13-MAY 9

SEX & GENDER IN SOCIE W S 327 3 CREDITS
Prereq: SOC 130 OR 134
Note: SEC A1 RESTRICTED TO SOC, P S A, W S.
SEC A2 FOR MAJORS OTHER THAN SOC, P S A, W S.
Meets U.S. diversity reqmt
7061005 A T 4:10-7:00PM
MEETS: JAN 13-MAY 9
7061010 A2 T 4:10-7:00PM
MEETS: JAN 13-MAY 9

MASCULINIT &MANHOOD W S 328 3 CREDITS
Prereq: SOC 130, 134, OR W S 201
Note: Meets U.S. diversity reqmt
5672005 A1 MF 11:00-11:50
MEETS: JAN 13-MAY 9
Note: SEC A1 RESTRICTED TO SOC, W S MAJORS ONLY

AM INDIAN WMN WRITE W S 342 3 CREDITS
Prereq: ENGL 250 OR ENGL 105
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
1520600 XW ARRANGED
COPOCC J
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW

WOMEN & LIT TOPICS W S 345 3 CREDITS
Prereq: ENGL 250
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
7063005 A1 MF 12:10-1:00
MEETS: JAN 13-MAY 9
Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
7063010 A2 MF 12:10-1:00
MEETS: JAN 13-MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

PSYCHOLOGY OF WOMEN W S 346 3 CREDITS
Prereq: 2 COURSES IN PSYCHOLOGY INCLUDING PSYCH
101
Note: Meets U.S. diversity reqmt
7064005 A1 TR 12:40-2:00
SCHEEL K
MEETS: JAN 13-MAY 9
Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
7064010 A2 TR 12:40-2:00
SCHEEL K
MEETS: JAN 13-MAY 9
Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

FRENCH STUDY IN ENGL W S 370F 3 CREDITS
Note: Meets international perspectives reqmt
6727005 TR 11:00-12:20
MEETS: JAN 13-MAY 9

WM&MEN ANC MEDITRNN W S 374 3 CREDITS
Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR GREEK
Note: Meets international perspectives reqmt
2256005 MF 11:00-11:50
MEETS: JAN 13-MAY 9

HIST OF AMER WOMEN W S 386 3 CREDITS
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt
7068600 XW ARRANGED
BIX A
MEETS: JAN 13-MAY 9
Note: Section XW is off campus
Course delivery is WWW

WOMEN, MEN & ENGL LANG W S 422 3 CREDITS
Prereq: ENGL 219
Note: Meets U.S. diversity reqmt
Available for nonmajor graduate credit
1540005 A MF 2:10-3:00
MEETS: JAN 13-MAY 9

INTRSECT RACE, CLASS W S 425 3 CREDITS
Prereq: 201 AND ONE ADDITIONAL W S COURSE
7073005 MW 4:10-5:30
MEETS: JAN 13-MAY 9

WOMEN'S STUDIES (CONTINUED)

TOPICS WOMEN'S STDY W S 450 3 CREDITS
Prereq: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
Note: Instructor permission required
8910005 A TR 3:40-4:55
GOBEM M
MEETS: JAN 13-MAY 9
Note: SEC A RESTRICTED TO GENDER AND CONSUMER CULTURE
8910600 XW ARRANGED
SANDERS C
Note: Section XW is off campus
Course delivery is WWW

INTDSC RES WMN&LDR W S 488 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: Available for nonmajor graduate credit

WORLD LANGUAGES AND CULTURES

AMER SIGN LANGUA II WLC 106X 4 CREDITS
Prereq: WLC 105X
9548005 1 MWF 11:00-11:50
MEETS: JAN 13-MAY 9
9548010 2 MWF 10:00-10:50
MEETS: JAN 13-MAY 9

INTRO WORLD LANGUAE WLC 119 3 CREDITS
Note: Meets international perspectives reqmt
5865005 IA MF 3:10-4:00
MEETS: JAN 13-MAY 9
Note: SEC IA RESTRICTED TO LNG MAJORS ONLY
5865010 IB MF 3:10-4:00
MEETS: JAN 13-MAY 9

INTM AM SIGN LANG II WLC 206X 4 CREDITS
Prereq: WLC 205X OR EQUIVALENT
8837005 MTWR 9:00-9:50
MEETS: JAN 13-MAY 9

CULTURS IN TRANSITN WLC 270 3 CREDITS
Note: TOPIC: RUSSIAN CULTURE OF THE 20TH & 21ST CENTURIES
4016005 1 TR 12:40-2:00
MEETS: JAN 13-MAY 9

TOPICS WRLD LANG&CUL WLC 370X 3 CREDITS
Note: TOPIC: PRESENT AND FUTURE CHALLENGES IN THE WORLD
Meets international perspectives reqmt
Available for nonmajor graduate credit
5368005 TR 12:40-2:00
MEETS: JAN 13-MAY 9

STTD TCH WORLD LANG WLC 417G VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUCATION, APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
8139005 1 ARRANGED
MEETS: 1ST 14 WKS
Note: SEC 1 OFFERED FOR 14 CREDITS
8139010 2 ARRANGED
MEETS: LAST 14 WKS
Note: SEC 2 OFFERED FOR 12 CREDITS
STDT TCH WORLD LANG  WLC  417G  VAR.  CREDITS  8139015  3  ARRANGED
MEETS: JAN 13-MARCH 7
Note: SEC 3 OFFERED FOR 8 CREDITS.
Instructor permission required.
8139020  4  ARRANGED
MEETS: MARCH 10-MAY 9
Note: SEC 4 OFFERED FOR 8 CREDITS.
Instructor permission required.

THINK GLOBALLY  WLC  491  1  CREDIT
Prereq: MINIMUM OF 3 CREDITS OF STUDY ABROAD AND/OR INTERNSHIP ABROAD
Note: TOPIC: EXPERIENCES ABROAD: LEARNING TO THINK GLOBALLY
Satisfactory-Fail Only.
7493005  1  TR 2:10-3:30
MEETS: JAN 13-MARCH 7

YOUTH

ADOLES&THEIR FAMILI  YTH  510X  3  CREDITS
7924600  XF  ARRANGED
MEETS: JAN 21-MAY 2
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
Instructor permission required.
Section XF is off campus
Instructor permission required.
Tuition Category: GPIDEA Consortium
Course delivery is WWW

COMMUNITY YOUTH DEVEL  YTH  520X  3  CREDITS
9482600  XG  ARRANGED  GILLETTE M
MEETS: JAN 21-MAY 2
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
Tuition Category: GPIDEA Consortium
Section XG is off campus
Instructor permission required.
Course delivery is WWW

YOUTH IN CULTR CNTX  YTH  530X  3  CREDITS
7732600  XG  ARRANGED
MEETS: JAN 21-MAY 2
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
Tuition Category: GPIDEA Consortium
Section XG is off campus
Instructor permission required.
Course delivery is WWW

YOUTH PRO:RSCH CNSMCR  YTH  540X  3  CREDITS
7258600  XF  ARRANGED  DAS A
MEETS: JAN 21-MAY 2
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
Tuition Category: GPIDEA Consortium
Section XF is off campus
Instructor permission required.
Course delivery is WWW

7258605  XF  ARRANGED  DAS A
MEETS: JAN 21-MAY 2
Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT KSMIDT@IASTATE.EDU. STUDENTS ACCEPTED INTO THE GPIDEA-YOUTH DEVELOPMENT PROGRAM WILL RECEIVE PRIORITY REGISTRATION. ALL OTHER STUDENTS WILL HAVE TO WAIT UNTIL DECEMBER 4 TO REGISTER, GIVEN THERE ARE STILL SEATS AVAILABLE IN THE CLASS.
Tuition Category: GPIDEA Consortium
Section XF is off campus
Instructor permission required.
Course delivery is WWW