

Fall Semester 2009

| | |
|--------------------|-----------------------------|
| Classes Begin | August 24 |
| University Holiday | September 7 |
| Thanksgiving Break | November 23-27 |
| Final Exams | December 14-18 |
| Commencement | December 19 (undergraduate) |

Registration Start Dates for Fall 2009

| | |
|-------------------------------|---|
| Veterinary Medicine students: | Monday, March 23 |
| Graduate students: | Monday, March 23 - Wednesday, March 25 |
| All seniors: | Tuesday, March 24 - Monday, March 30 |
| Projected juniors: | Tuesday, March 31 - Monday, April 6 |
| Projected sophomores: | Tuesday, April 7 - Monday, April 13 |
| Continuing freshmen: | Tuesday, April 14 - Wednesday, April 22 |

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

Page

| | |
|----|---|
| 2 | Table of Contents for Courses |
| 3 | Key Dates, Deadlines, Information |
| 4 | University Calendar |
| 6 | Resources |
| 7 | Admission- New & Reentering Students |
| 9 | General Information about Registering for Classes |
| 10 | Schedule of Classes, Schedule Planner, AccessPlus |
| 11 | Schedule Changes |
| 12 | Fall 2009 Fee Schedule |
| 13 | Tuition and Fees |
| 16 | Graduation |
| 17 | Student Records |
| 19 | Services for Students |
| 20 | Course Information and Program Information |
| 21 | Course Information |
| 23 | Night Examinations |
| 23 | Credit by Examination |
| 24 | Tentative Final Exam Schedule |
| 25 | Registration Worksheet |
| 26 | Time Grid |
| 27 | Campus Buildings |
| 28 | Fall 2009 Courses |

“Iowa State University does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, gender identity, sex, marital status, disability, or status as a U.S. veteran. Inquiries can be directed to the Director of Equal Opportunity and Diversity, 3680 Beardshear Hall, (515) 294-7612.”

Table of Contents for Courses

Fall Semester Courses

| Page | | Page | | Page | |
|-------------|--|-------------|--|-------------|--|
| 29 | Accounting (ACCT) | 85 | Economics (ECON) | 131 | Management (MGMT) |
| 29 | Advertising (ADVRT) | 87 | Educational Administration (EDADM) | 132 | Management Information Systems (MIS) |
| 30 | Aerospace Engineering (AER E) | 87 | Educational Leadership & Policy Studies (EL PS) | 133 | Marketing (MKT) |
| 32 | African American Studies (AF AM) | 87 | Electrical Engineering (E E) | 133 | Materials Engineering (MAT E) |
| 32 | Agricultural Education & Studies (AGEDS) | 90 | Engineering (ENGR) | 134 | Materials Science & Engineering (M S E) |
| 34 | Agricultural Engineering (A E) | 90 | Engineering Mechanics (E M) | 134 | Mathematics (MATH) |
| 35 | Agronomy (AGRON) | 91 | Engineering Studies (E S) | 139 | Mechanical Engineering (M E) |
| 38 | Air Force Aerospace Studies (AFAS) | 91 | English (ENGL) | 141 | Meteorology (MTEOR) |
| 38 | American Indian Studies (AM IN) | 98 | Entomology (ENT) | 143 | Microbiology (MICRO) |
| 39 | Animal Ecology (A ECL) | 99 | Environmental Science (ENSCI) | 144 | Military Science (M S) |
| 39 | Animal Science (AN S) | 100 | Environmental Studies (ENV S) | 144 | Molecular, Cellular, Developmental Biology (MCDB) |
| 42 | Anthropology (ANTHR) | 101 | Exercise and Sport Science (EX SP) | 144 | Music (MUSIC) |
| 43 | Apparel, Ed Studies, & Hospitality Mgmt (AESHM) | 103 | Family & Consumer Sciences Education & Studies (FCEDS) | 148 | Natural Resource Ecology & Management (NREM) |
| 43 | Arabic (ARABIC) | 104 | Finance (FIN) | 149 | Naval Science (N S) |
| 43 | Architecture (ARCH) | 105 | Food Science & Human Nutrition (FS HN) | 149 | Neuroscience (NEURO) |
| 45 | Art & Design (ART) | 107 | Forestry (FOR) | 149 | Nutritional Sciences (NUTRS) |
| 45 | Art Education (ARTED) | 108 | French (FRNCH) | 150 | Operations & Supply Chain Management (OSCM) |
| 45 | Art History (ART H) | 108 | Genetics (GEN) | 150 | Organization for Tropical Studies (OTS) |
| 46 | Art: Graphic Design (ARTGR) | 109 | Genetics - Interdisciplinary (GENET) | 150 | Performing Arts (PERF) |
| 47 | Art: Integrated Studio Arts Design (ARTIS) | 109 | Genetics, Development & Cell Biology (GDCB) | 150 | Philosophy (PHIL) |
| 50 | Art: Interior Design (ARTID) | 109 | Geology (GEOL) | 151 | Physics (PHYS) |
| 51 | Astronomy & Astrophysics (ASTRO) | 111 | German (GER) | 153 | Plant Pathology (PL P) |
| 52 | Athletics (ATH) | 111 | Gerontology (GERON) | 154 | Plant Physiology (P PHY) |
| 52 | Biochemistry, Biophysics, & Molecular Biology (BBMB) | 112 | Graduate Studies (GR ST) | 154 | Political Science (POL S) |
| 53 | Bioinformatics & Computational Biology (BCB) | 112 | Greek (GREEK) | 156 | Portuguese (PORT) |
| 53 | Biological/Pre-Medical Illustration (BPM I) | 112 | Health & Human Performance (HHP) | 156 | Psychology (PSYCH) |
| 54 | Biology (BIOL) | 112 | Health Studies (H S) | 158 | Religious Studies (RELIG) |
| 56 | Biomedical Sciences (B M S) | 113 | Higher Education (HG ED) | 158 | Research & Evaluation (RESEV) |
| 57 | Biorenewable Resources & Technology (BRT) | 114 | Historical, Philosophical, & Comparative Education (H P C) | 158 | Russian (RUS) |
| 57 | Business Administration (BUSAD) | 114 | History (HIST) | 159 | Sociology (SOC) |
| 58 | Chemical Engineering (CH E) | 115 | Honors (HON) | 160 | Software Engineering (S E) |
| 59 | Chemistry (CHEM) | 116 | Horticulture (HORT) | 161 | Spanish (SPAN) |
| 66 | Chinese (CHIN) | 117 | Hotel, Restaurant, & Institution Management (HRI) | 162 | Special Education (SP ED) |
| 67 | Civil Engineering (C E) | 119 | Human Computer Interaction (HCI) | 163 | Speech Communication (SP CM) |
| 68 | Classical Studies (CL ST) | 119 | Human Development & Family Studies (HD FS) | 164 | Statistics (STAT) |
| 69 | Communication Disorders (CMDIS) | 122 | Human Sciences (H SCI) | 166 | Supply Chain Management (SCM) |
| 69 | Communication Studies (COMST) | 122 | Immunobiology (IMBIO) | 166 | Sustainable Agriculture (SUSAG) |
| 69 | Community & Regional Planning (C R P) | 122 | Industrial Engineering (I E) | 167 | Technology & Social Change (T SC) |
| 70 | Computer Engineering (CPR E) | 124 | Information Assurance (INFAS) | 167 | Technology Systems Management (TSM) |
| 72 | Computer Science (COM S) | 124 | Interdisciplinary Graduate Studies (IGS) | 169 | Textiles & Clothing (T C) |
| 75 | Construction Engineering (CON E) | 124 | International Studies (INTST) | 171 | Theatre (THTRE) |
| 76 | Criminal Justice Studies (CJ ST) | 124 | Journalism & Mass Communication (JL MC) | 172 | Toxicology (TOX) |
| 76 | Curriculum & Instruction (C I) | 126 | Landscape Architecture (L A) | 172 | Transportation (TRANS) |
| 82 | Dance (DANCE) | 127 | Latin (LATIN) | 172 | University Studies (U ST) |
| 82 | Design Studies (DSN S) | 127 | Liberal Arts & Sciences (LAS) | 173 | Veterinary Diagnostic & Production Animal Medicine (VDPAM) |
| 84 | Ecology & Evolutionary Biology (EEB) | 129 | Library (LIB) | 175 | Veterinary Clinical Sciences (V C S) |
| 84 | Ecology, Evolution & Organismal Biology (EEOB) | 129 | Linguistics (LING) | 177 | Veterinary Microbiology & Preventive Medicine (V MPM) |
| | | 130 | Logistics & Supply Chain Management (LSCM) | 177 | Veterinary Pathology (V PTH) |
| | | | | 178 | Women's Studies (W S) |
| | | | | 179 | World Languages & Cultures (WLC) |

Key Dates, Deadlines & Information

AccessPlus Registration

Hours: 7 a.m.- 10 p.m., Monday-Saturday.

Academic Probation

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

Auditing Courses

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

Fee Payment Deadlines

Fee payment deadlines for Fall 2009 are August 20, September 20, and October 20 for deferred billing. A \$20 deferred billing charge is assessed. Contact Accounts Receivables for information.

Graduation Information

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

ISU ALERT

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

Registration Start Dates

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

Registration Start Dates for Fall 2009

Refer to page 1 for registration start dates.

Room Assignments

Room assignments will be show on their AccessPlus class schedule on Monday, July 27. To find a map of class room locations go to the ISU index under Classroom abbreviations.

Schedule Changes

Students can make schedule changes using AccessPlus Registration through Friday, August 28. For additional schedule change deadlines and information go to the ISU index under Schedule Changes.

Student Answer Center

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

University Calendar Fall 2009

- | | | | |
|---------------|--|---|---|
| Aug. 1, Sat. | <ul style="list-style-type: none"> • University bills with Fall 2009 tuition and fees charges available on AccessPlus, http://accessplus.iastate.edu. | Sep. 7, Mon. | <ul style="list-style-type: none"> • University holiday—offices closed, classes recessed. • 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 course for fall. The instructor of the course must approve an audit. |
| Aug. 20, Thu. | <ul style="list-style-type: none"> • First fee payment deadline for fall. Minimum due or payment in full. | Sep. 20, Sun. | <ul style="list-style-type: none"> • Second fee payment deadline for fall semester, minimum due. |
| Aug. 21, Fri. | <ul style="list-style-type: none"> • 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 10 p.m. Aug 23, without a late registration fee. | Sep. 23, Wed. | <ul style="list-style-type: none"> • Last day to change degree audit information for fall semester. |
| Aug. 23, Sun. | <ul style="list-style-type: none"> • Last day to initiate registration through AccessPlus without a late registration fee. Registration must be completed by 10p.m. • Last day to cancel registration on AccessPlus for fall to avoid tuition assessment. All courses must be dropped on AccessPlus by 10 p.m. | Sep. 25, Fri. | <ul style="list-style-type: none"> • Last day to add/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 Sept 4 count toward total allowable P/NP credits used for graduation. |
| Aug. 24, Mon. | <ul style="list-style-type: none"> • Class work begins. • Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center. | Sep. 25, Fri. | <ul style="list-style-type: none"> • Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat. |
| Aug. 28, Fri. | <ul style="list-style-type: none"> • Last day to initiate registration through AccessPlus. A late registration fee applies. • 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 fall through AccessPlus registration. • Last day to change a course from audit to credit basis. • Graduate College applications for graduation for Fall 2009 are due in the Graduate College, 1137 Pearson Hall. | Oct. 3, Sat. | <ul style="list-style-type: none"> • Schedule of Classes for Spring 2010 available for viewing on the Web at http://classes.iastate.edu/ • First half-semester courses end. • Midterm grade reports due from all departments on WebCT and AccessPlus. |
| Sep. 4, Fri. | <ul style="list-style-type: none"> • Last day to receive a tuition and fee adjustment for full-semester courses when dropping below full-time status. No refunds for full-semester courses after day 10 of the semester. • Last day to return textbooks for refund to University Book Store. Exclusions apply. See www.isubookstore.com for details. | Oct. 16, Fri. Oct. 16, Fri., 2:15 p.m. | <ul style="list-style-type: none"> • Advising period for Spring 2010 registration begins. • Second half-semester courses begin. • Final fee payment deadline for fall. • Registration period for Spring 2010 begins. Hours for AccessPlus registration are 7 a.m. to 10 p.m., Monday—Saturday. • First day of assigned Spring 2010 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 10 p.m., Monday—Saturday. • Seniors graduating Spring 2010 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 |
| | | Oct. 19, Mon. | |
| | | Oct. 20, Tue. Oct. 21, Wed. | |

University Calendar Fall 2009

| | | | |
|---------------|--|---------------------------|---|
| Oct. 22, Thu. | <ul style="list-style-type: none"> • First day of assigned Spring 2010 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 10 p.m., Monday—Saturday. | Nov. 18, Wed. | <ul style="list-style-type: none"> • Last day of assigned registration start dates for Spring 2010 registration. |
| Oct. 23, Fri. | <ul style="list-style-type: none"> • 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. | Nov. 20, Fri. | <ul style="list-style-type: none"> • 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. Second half-semester courses changed to graded basis after Oct. 23 count toward total allowable P/NP credits used for graduation. |
| Oct. 29, Thu. | <ul style="list-style-type: none"> • First day of assigned Spring 2010 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 10 p.m., Monday—Saturday. | Nov. 23-27 | <ul style="list-style-type: none"> • Thanksgiving break, classes recessed. |
| Oct. 30, Fri. | <ul style="list-style-type: none"> • 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. Full-semester courses changed to graded basis after Sept 25 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. | Nov. 25, Wed. | <ul style="list-style-type: none"> • Graduate College: last day for final oral examinations. |
| Nov. 4, Wed. | <ul style="list-style-type: none"> • Graduate College: last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee. | Nov. 26-27, Thu-Fri | <ul style="list-style-type: none"> • University holidays—offices closed. |
| Nov. 5, Thu. | <ul style="list-style-type: none"> • First day of assigned Spring 2010 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 10 p.m., Monday—Saturday. | Dec. 1, Tue. | <ul style="list-style-type: none"> • Graduate College: last day to submit signed Thesis/Dissertation Submission Form for electronic thesis or dissertation. |
| Nov. 12, Thu. | <ul style="list-style-type: none"> • First day of assigned Spring 2010 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 10 p.m., Monday—Saturday. | Dec. 3, Thu. | <ul style="list-style-type: none"> • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review. |
| | | Dec. 4, Fri. | <ul style="list-style-type: none"> • Graduate College: last day for final submission of graduate student graduation approval slip. |
| | | Dec. 5, Sat. | <ul style="list-style-type: none"> • Spring 2010 room assignments for courses displayed in the online Schedule of Classes. |
| | | Dec. 14-18, Mon-Fri | <ul style="list-style-type: none"> • Final examinations. |
| | | Dec. 18, Fri. | <ul style="list-style-type: none"> • Fall semester ends. • Undergraduate graduation applications for Spring 2010 are due in the Registrar's Graduation Office, 210 Enrollment Services Center. |
| | | Dec. 19, Sat. | <ul style="list-style-type: none"> • Graduate College Commencement: www.iastate.edu/~registrar/graduation • Undergraduate Commencement: www.iastate.edu/~registrar/graduation |
| | | Dec. 22, Tues., 2:15 p.m. | <ul style="list-style-type: none"> • Electronic grades (WebCT and AccessPlus) due. |
| | | Dec. 23, Wed. | <ul style="list-style-type: none"> • Grade reports available on AccessPlus. |
| | | Dec. 24-25, Thu-Fri | <ul style="list-style-type: none"> • University holidays—offices closed. |

Resources

Admissions www.admissions.iastate.edu

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

College Student Services Offices

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

Financial Aid Office www.financialaid.iastate.edu

General Information 0210 Beardshear 294-2223

ISUCard Office www.isucard.iastate.edu

ISUCard Office 0530 Beardshear 294-2727

Office of the Registrar www.iastate.edu/~registrar/

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

Registration Hold Contacts

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

Student Answer Center www.answer.iastate.edu/

Student Answer Center Ground Floor Beardshear 294-4469

Voter Registration

To learn how to register to vote, or to find out more about voting in Iowa, go to www.sos.state.ia.us/.

Voter registration forms are available in the Office of the Registrar, 214 Enrollment Services Center, and the Student Answer Center, Ground Floor, Beardshear.

Admission

New Students Prospective students should contact the Office of Admissions for information concerning admission procedures. Refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2007-2009* catalog for specific requirements for admission. Applications are available through the Iowa State University home page, just click on Apply under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

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

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

Summer Trial Enrollment

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

Reentering Students

Undergraduate students, both nondegree and degree seeking:

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

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

Questions about the registration process, contact:

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

College student services offices:

Agriculture and Life Sciences
23 Curtiss
294-8653

Business
1200 Gerdin
294-8430

Design
297 College of Design
294-6983

Engineering
110 Marston
294-3900

Graduate College
1137 Pearson
294-4531

Human Sciences
0131 MacKay
294-6466

Liberal Arts and Sciences
141 Carrie Chapman Catt Hall
294-1522

Veterinary Medicine
2540 Vet Med

Returning Students

- International Students* All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Tuition and Fees area at 0460 Beardshear Hall. Return all parts of the completed reentry form and related documentation to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degree-seeking Students who have attended another college Degree-seeking Students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work to the Office of Admissions, 100 Enrollment Services Center. Once reentry has been approved, the reentry form will be forwarded to the Office of International Students and Scholars for financial certification and visa eligibility. Questions related to financial certification or visas should be directed to the Office of International Students and Scholars, 3248 Memorial Union, at 515-294-1120, or by e-mail: intlerv@iastate.edu.
- Academically Dismissed* A student who was academically dismissed must submit (1) a reentry form to the Office of the Registrar and (2) a petition for reinstatement to the college in which they wish to enroll at least 45 days before the beginning of the term. Students who have been academically dropped twice and wish to return to the College of Liberal Arts and Sciences must submit their petition at least 70 days before the beginning of the term.
- Approving Reentry* All reentry forms should be submitted to the Office of the Registrar, Tuition and Fees area, 0460 Beardshear Hall; or faxed to 515-294-6773 well in advance of the beginning of the term for which reentry is sought. The Office of the Registrar will process the form, or refer the reentry form to the college to which a student plans to return if the student (a) desires to change curriculum; (b) has a previous Iowa State University cumulative grade point average below 2.00 or had a last term average below 2.00; (c) was dropped from Iowa State for unsatisfactory academic progress or was not otherwise in good standing; or (d) since leaving Iowa State, has completed additional college study with less than a 2.00 grade point average. Once approved, they will receive a letter from the Office of the Registrar with information about registration.
- How to Register* Reentering students should contact their adviser or departmental office to select courses and begin the registration process. New and reentering students are encouraged to register during the web registration period, and will be assigned registration start dates according to their year-in-school classification using the same general guidelines as currently enrolled students. Since courses begin to fill on the first day of the registration period, students should register as early as their start date and time allow

Returning Students

- Undergraduate and Nondegree Students* Non-international undergraduate and non-degree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, (not including summer) may contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.
- Academically Dismissed* Returning students who have been academically dismissed should contact their college student services office regarding procedures for reinstatement. Students who want to change colleges should contact the student services office of their prospective college.
- Graduate Students* All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail: reentry@iastate.edu to have students record and address information updated prior to meeting with major professor to discuss course selection. International graduate students must file a student financial statement for visa purposes. The form is available from International Students and Scholars, 3428 Memorial Union, 515-294-1120, or e-mail: intlerv@iastate.edu.

Registration

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

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

To register, follow these steps:

1 Students meet with their academic adviser, who will provide the following:

- a. degree audit
- b. guidance in course selection
- c. registration authorization card, with RAN, if applicable.

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

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

4 Register for courses using the AccessPlus registration system. Room locations for courses will be available on AccessPlus beginning Monday, July, 20.

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

Initiating Registration

The last day to initiate a new registration through AccessPlus registration for Fall 2009 is Sunday, August 23 or the Student Scheduling Office in 10 Enrollment Services Center is Friday, August 21. 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, August 21, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m. Sunday, August 23 to avoid tuition assessment. For information and a cancellation form, go to the ISU index under Cancelling Registration.

RAN

The registration access number (RAN) is a confidential, personal number required by some colleges to use the registration system. Colleges that do not require a RAN are Business, Vet. Med., and the Graduate College. Students will be held accountable for all changes made to the schedule through AccessPlus, therefore this number should not be shared. A new RAN will be assigned each registration period.

Registration System Abuse

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

AccessPlus Registration Tips

Hours for the system: Monday-Saturday, 7 a.m. - 10 p.m.

- Review schedule for time conflicts.
- If students need to register for a course that currently has no space available, please attempt to add the course anyway. Requesting a closed course will help departments determine what course demands are still unmet.
- When making a section change within a course, try to add the new section first. If the requested section is open, the previous section will automatically be dropped from their schedule.
- Entering the Registration Access Number (RAN) is no longer required once courses exist on their schedule. If they are already registered, they won't need to enter the RAN again to change their schedule.
- If they get the message "You have requested a restricted section for which you are not eligible," click on the Details button on the Search page to view course section restrictions.
- If students are in a learning community, they must add the learning community reference number first before other courses exist on their schedule. They cannot drop a LTM without dropping all associated courses.

Schedule of Classes

<http://classes.iastate.edu/>

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

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

Schedule Planner

<http://planner.iastate.edu/>

The Class Schedule Planner allows schedule planning using courses displayed in the Schedule of Classes at www.iastate.edu.

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

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

AccessPlus

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

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

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

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

ISU Alert

<http://isualert.iastate.edu/update.shtml>.

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>.

Schedule changes

Dropping and Adding Courses

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

Schedule change periods are as follows:

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

Period 2 ends the Friday of week 10 in the fall and spring semesters. During this period, schedule changes require signatures of adviser and instructor and are processed on a Schedule Change/Restriction Waiver form. Completed forms are processed in 10 Enrollment Services Center. A schedule change fee is assessed for adds, drops, and section changes during this period. Course drops after period 1 count toward a student's ISU drop limit and appear as an X on the permanent record.

A section change does not require a drop.

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

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

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

R-Credit Courses (required courses)

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

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

Drop Limit

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

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

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

Fall 2009 Fee Schedule

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

Tuition Schedule Per Semester

In effect for Fall 2009. Subject to change without notice.

| Full Time Rates | Resident | Nonresident |
|---|----------|-------------|
| Undergraduate (12 or more credits) | \$2,878 | \$8,488 |
| Business Juniors and Seniors (Includes \$250 differential tuition) | \$3,128 | \$8,738 |
| Engineering Juniors and Seniors | \$3,815 | \$9,406 |
| Graduate (9 or more credits) | \$3,358 | \$8,908 |
| Engineering Graduate: | \$3,869 | \$9,414 |
| Veterinary Medicine (12+ credits) | \$7,841 | \$18,630 |

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

Additional information:

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

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

Continuous registration fee for graduate students: \$70.

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

Saturday MBA/Des Moines MBA classes: MBA students are assessed the graduate rate plus \$113 per credit supplemental tuition fee (supplemental tuition fee subject to change without notice).

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: 2009-2010

- **Des Moines MBA program** courses are assessed at the graduate rate in the current fee schedule plus a \$113 per credit supplemental tuition fee. Non-residents taking less than 4.5 credits are assessed at the resident rate.
- **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 - \$468
 - Chem 50 - \$350
 - Engl 99L - \$240
 - Engl 99R - \$160
 - Frnch 97, Ger 97 and Span 97 - \$294
- **Distance education courses** are assessed at the resident rate and the 2 credit tuition minimum does not apply, with the exception of graduate level research courses. Engineering students will pay the engineering differential tuition of the resident rate for distance education courses.
- **Engineering Differential Tuition** – Juniors, seniors and graduate students enrolled in the College of Engineering will pay an additional tuition increment for all credits including distance education credits.
- **Interim** (partial-semester, between-terms), **audit** (zero-credit), and **in absentia** (research, away from campus study) courses are assessed fees as listed in the current fee schedule.
- **One-half credits** are assessed at the next larger whole number; e.g. 3 1/2 credits are assessed at the 4-credit rate.
- **R-credit** (Required credit) coursework is assessed minimum tuition and fees equal to the 2 credit rate when it is the only course in which a student is registered. No tuition and fees will be assessed to a R-credit course when a student is enrolled in other credits in the same term or if the R-credit course is a co-op, internship or other practical experience.
- **Saturday MBA program** courses are assessed at the graduate rate in the current fee schedule plus a \$113 per credit supplemental tuition fee. Fees are subject to change without notice.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is \$240 for undergraduate students and \$374 for graduate students.
- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.

Tuition and Fees

Tuition and fees are subject to change without notice.

Payment of Fees

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

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

Deferred Billing

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

Monthly Payment Plan

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

Past Due Accounts

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

Cancelling Registration

A cancellation is processed when a student notifies the Office of the Registrar of their decision not to attend classes for the current semester prior to the day class work begins. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 4:30 p.m. Friday, August 21; or drop all of your classes through AccessPlus by 10 p.m. Sunday, August 23.

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

Withdrawing Registration

Beginning the first day of class (Monday, August 24), students who decide not to continue attending classes must process a withdrawal form.

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

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

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

Glossary of Fees

Tuition Adjustment Schedule

This tuition adjustment schedule is subject to change.

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

| Withdrawal Date | Student Pays |
|-----------------|--------------|
| Aug. 24-28 | 10% |
| Aug. 29-Sept. 4 | 25% |
| Sept. 5-14 | 50% |
| Sept. 15-21 | 75% |
| After Sept. 21 | 100% |

The Tuition Adjustment Schedule will be pro-rated when partial term courses are involved. See the Tuition Adjustment Schedule on the web for the most common session deadlines. Contact the Tuition and Fees area of the Office of the Registrar at 515-294-1889 or registrar@iastate.edu for questions or deadlines for courses offered during sessions that are not specifically listed on the Tuition Adjustment Schedule.

The tuition adjustment schedule for a schedule change is based on the effective date of the change. Fees are assessed based on the student's total credit hours as of the set fee assessment date. During the summer term the set fee date will depend upon the length of the individual course in which the student is enrolled. Students who drop below full-time before the set fee assessment date will receive a credit adjustment of 100%, with no adjustment after the set fee assessment date. Students who add courses at any time during the semester will be assessed tuition and fees if applicable according to the fee schedule. Contact the Tuition and Fees area of the Office of the Registrar for deadline related to specific courses.

Tuition Adjustment Schedule for Workshops and Short Courses

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

Appealing Tuition Assessments

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

10 calendar days after receiving the original decision. A final appeal of the Tuition Appeals Review Committee decision can be made by submitting a request in writing to the Office of the Provost.

Past Due Accounts

Students having past due receivable charges may be dropped from enrollment for fall if these past due charges are not paid by the Friday before the first day of classes. A statement indicating past due charges will be shown on the July 30 billing statement.

GLOSSARY OF FEES

Activity, Services, Building and Recreation Fee

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

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

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.

Computer Fee

All students will be charged a computer fee each semester. Full-time graduate and undergraduate students enrolled in the College of Engineering (including Systems Engineering) or students majoring in Agricultural Systems Technology or Industrial Technology are charged \$223 per semester. Full-time graduate and undergraduate students majoring in Computer Science, or Pre-Computer Science are charged \$223. Full-time undergraduate students enrolled in the College of Business except students in Pre-Business are charged \$135 per semester, while full-time graduate students are charge \$112 per semester. All other full-time undergraduate students will be charged the standard computer fee of \$115

per semester. Full-time graduate students will be assessed \$92. Graduate students with graduate assistant appointments will be assessed \$111.50 for those in the Engineering college and for those in the Computer Science department; \$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 computer fee.

Computer fee adjustment will be made according to the schedule for a reduction in credits. Refunds for credit reductions below a full time load are 100 percent through the second week (September 4), with no refunds after the second week. The tuition adjustment schedule also applies to computer fees for students who withdraw. Students who change their major will be charged the applicable computer fee for the major into which they transfer if the change occurs before the end of the second week. If the change occurs after the second week, then no change in the computer fee assessment will occur. Students who are double majors will be assessed the computer fee rate for the major having the higher rate.

Health Facility Fee

All students are assessed an \$8 health facility fee, except for students exclusively registered for the following: distance education courses, (courses with sections beginning with an X); courses for which no tuition is assessed; continuous registration status courses; graduate students enrolled in GR ST 600, 601, Psych 597, 697; or high school students enrolled under the Postsecondary Enrollment Options Act. (Note: The health facility fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an 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 (September 4) with no adjustment after that time. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

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

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

Late Registration Fee

Sunday, August 23 is the last day to initiate a registration for full semester courses for Fall 2009 without a late registration fee. Beginning Monday, August 24, undergraduate students are assessed a late registration fee of \$20. Graduate students are assessed a late registration fee of \$20 the first week of classes, \$50 the second week, and \$100 the third week or later.

New Student Programs/Matriculation Fee

A \$190 fee is assessed to all new degree-seeking students prior to admission. This fee does not apply to nondegree seeking students, veterinary medicine students, graduate students, or students enrolled exclusively in distance education courses.

Special Course Fees

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

Delivery Fees

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

Graduation

Undergraduate Students

Fall 2009 graduating seniors are encouraged to submit applications for graduation after registering for their final semester. Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 210 Enrollment Services Center by May 8, 2009. Applicants will be assessed a \$40 nonrefundable graduation fee the tenth day of classes.

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

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

Undergraduate university commencement ceremony will be held Saturday, December 19, 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 student's name from the graduation list for Fall 2009.

- An "Application for Graduation" (diploma slip) should be obtained from the students department or the Graduate College website and filed in the Graduate College by Friday, August 28.
- Last day for graduate students to cancel graduation is November 4. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.
- A Request for "Final Oral Examination" form should be obtained from the students department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Wednesday, November 25.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, December 1. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, December 3.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Friday, December 4. This form will be sent to their major professor or department when their "Request for Final Examination" is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.
- Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

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

The Graduate College commencement ceremony will be held at 8 p.m., Friday, December 18 in C.Y. Stephens Auditorium.

Final grade checks will be made approximately two weeks after the end of the semester and diplomas will be mailed to all successful degree candidates. For more information, contact the Graduate College, 1137 Pearson, (515)294-4531.

Student Records

Degree Audits

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

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

Freshman Year Report to High Schools

Board of Regents, State of Iowa universities participate with Iowa high schools in an analysis of freshman year academic performance at the end of their freshman year.

A report of all ISU freshmen is sent to the respective high school principals. This report shows how they and their high school classmates perform in comparison to the entire ISU freshman class. For further information, contact the Office of the Registrar, 214 Enrollment Services Center.

Transcripts

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

Grade Reports

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

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

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

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

Personal and Academic Information

Veterans Educational Assistance

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

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

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

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

Information Disclosure for Students

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

Policy on Student Names

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

Release of Student Records

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

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

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

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

Changing an Address on AccessPlus

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

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

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

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

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

ISU ALERT

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

Third Party Access

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

Services for Students

Campus Parking

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

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

Child Care

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

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

Child care programs located on campus include:

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

Student Disability Resources

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

Identification Card (ISUCard)

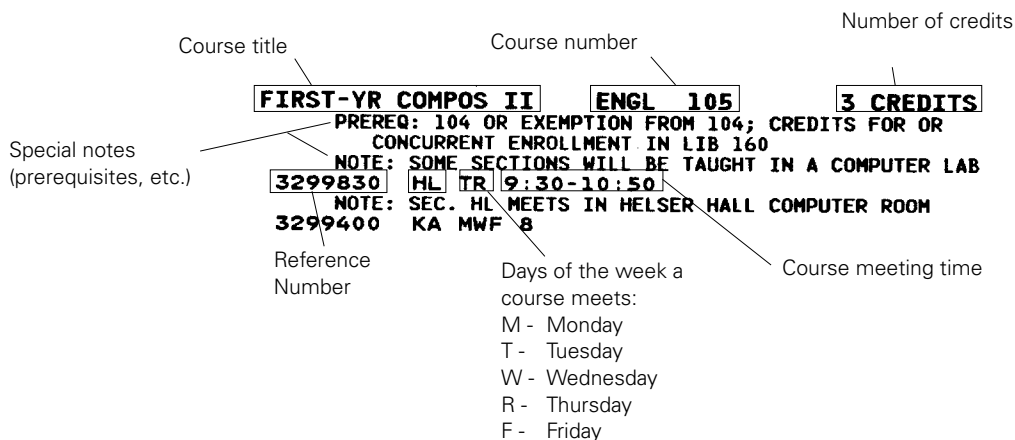
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where 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 license, joint insurance cards, joint tax return, etc.) to the Student Answer Center, ground floor Beardshear Hall. The Spouse Activity card is valid for one academic year (fall through summer).

To use the services of the Lied Recreation Center, CyCash, Parks Library, or Thielen Student Health Center (spouses/domestic partners must pay the Health Facility and Health Fee), students may apply for the Spouse/Domestic Partner Card. The spouse/domestic partner must bring a photo ID, the student's University ID number, and proof of marriage or relationship (marriage certificate, joint insurance cards or joint tax returns) to the ISUCard Office in 0530 Beardshear. The cost is \$10 per card, payable by cash or check, and the cards expire on June 30 each year.

Course Information



Course Listing Information

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

Course Numbering System

Courses are numbered from 1 to 699, as follows:

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

Meeting Days and Times for Classes

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

Course Prerequisites

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

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

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

Auditing Courses

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

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

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

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

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

Audit Deadlines

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

• Full semester courses:

Adding an audit—day 10 deadline:

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

Changing status, from credit to audit—day 10 deadline:

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

Changing status from audit to credit—day 5 deadline:

- Through day 5 of classes: instructor approval required.
- After day 5: instructor, adviser, college approval required; schedule change fee applies.

• Partial semester or summer courses:

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

Canceled Courses

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

Class Attendance

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

Courses Requiring Permission

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

Course Descriptions

Course descriptions can be found in the *Iowa State University Undergraduate and Graduate Courses and Programs 2007-2009* 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.

Course Information

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 2009-2011* catalog. Course descriptions for experimental courses can be found through the ISU index under Experimental Course Descriptions.

Late Registration

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

Linked Courses

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

On-Campus Saturday and Evening Courses

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

Partial-Semester Courses

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

Pass-Not Pass

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

section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services Center. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2009-2011* catalog.

Registration Holds

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

Restricted Sections of Courses

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

Room Assignments

Beginning Monday, July 27, students may find room assignments by viewing their schedule on *AccessPlus*.

Time Conflicts

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

Validation of Enrollment

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

Videotaping/Audiotaping Classes

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

Night Examinations

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

Whenever a night exam is administered, a regular class meeting during that week will be omitted. Students who are unable to take a night exam at a scheduled time because

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

Night Exams for Fall 2009

Updates are posted on the web under Night Exams.

Credit by Examination

General Information

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

Students should take a test-out exam the semester before planning to take the course. In some courses, students who plan to take the test-out exam may not be allowed to register for the course in the same semester. For more information, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2007-2009* catalog.

Departmental Test-out Exams

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

CLEP Exams

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

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

| CLEP Exam | ISU Courses | Sem. Cr. Awarded |
|--|---|------------------|
| Financial Accounting* | Acct 284 | 3 |
| American Gov't. | Pol S 215 | 3 |
| Biology** | Biol 101 | 3 |
| Calculus | Math 165 | 4 |
| Humanities* | Fine Arts Literature | 2 4 |
| Principles of Macroeconomics | Econ 102 | 3 |
| Principles of Microeconomics | Econ 101 | 3 |
| Natural Science* | Biological Science Physical Science | 3 3 |
| Introductory Psychology | Psych 101 | 3 |
| Social Sciences and History* | Social Science History | 4 2 |
| Introductory Sociology | Soc 134 | 3 |
| French Language | Frnch 101, 102 Frnch 101, 102, 201 Frnch 101, 102, 201, 202 | 8 12 16 |
| Spanish Language | Span 101, 102 Span 101, 102, 201 Span 101, 102, 201, 202 | 8 12 16 |
| * Excludes Engineering majors | | |
| ** Excludes biology and engineering majors | | |

Tentative Final Exam Schedule

All class work will close on Saturday, December 13 at 5 p.m..

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

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

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

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

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

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

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

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

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

Combined Group Exams

The following courses are most likely to have *combined group exams* scheduled for Fall 2009. (This list of group exam courses may change due to departmental preference and/or time and room scheduling difficulties.) For the list of exam days and times go to the ISU index under Final Exams.

Acct 215, 284, 285
Aer E 160
Agron 114
Astro 120
C E 332
Chem 155, 163, 167, 177, 331
Com S 207, 227, 228
E M 274, 324, 345, 378
Engr 160
Fin 301
Frnch 101, 201
Geol 100
Math 140, 142, 151, 165, 166, 195, 265
Phys 111, 221, 221H, 222, 222H
Psych 101 (Sec. A, B, C only), 230, 280
Soc 134
Span 101, 201

Tentative Exams Based on First Contact

| First Contact | Exam Day | Exam Time |
|----------------|---|------------------|
| Mon., 8 a.m. | Tues., Dec. 15 | 7:30-9:30 a.m. |
| Mon., 9 a.m. | Fri., Dec. 18 | 7:30-9:30 a.m. |
| Mon., 10 a.m. | Thurs., Dec. 17 | 9:45-11:45 a.m. |
| Mon., 11 a.m. | Wed, Dec. 16 | 9:45-11:45 a.m. |
| Mon., 12 p.m. | Tues, Dec. 15 | 12:00-2:00 p.m.. |
| Mon., 1 p.m. | Mon, Dec. 14 | 12:00-2:00 p.m.. |
| Mon., 2 p.m. | Wed., Dec. 16 | 2:15-4:15 p.m.. |
| Mon., 3 p.m. | Thurs., Dec. 17 | 2:15-4:15 p.m.. |
| Mon., 4 p.m. | Wed., Dec. 16 | 7:30-9:30 a.m. |
| | | |
| Tues., 8 a.m. | Tues., Dec. 14 | 7:30-9:30 a.m. |
| Tues., 9 a.m. | Thurs., Dec. 17 | 7:30-9:30 a.m. |
| Tues., 10 a.m. | Tues., Dec. 15 | 9:45-11:45 a.m. |
| Tues., 11 a.m. | Mon., Dec. 14 | 9:45-11:45 a.m. |
| Tues., 12 p.m. | Exam time to be announced by instructor | |
| Tues., 1 p.m. | Thurs., Dec. 17 | 12:00-2:00 p.m. |
| Tues., 2 p.m. | Fri., Dec. 18 | 9:45-11:45 a.m. |
| Tues., 3 p.m. | Fri., Dec. 18 | 12:00-2:00 p.m.. |
| Tues., 4 p.m. | Mon, Dec. 14 | 2:15-4:15 p.m. |

Name (please print) _____
(Last) (First) (Middle) Term

Please provide your **university ID** _____

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

- A. **View the Online Schedule of Classes at <http://classes.iastate.edu/>** for the list of classes offered for the term. Use the spaces provided below to plan the courses you want on your schedule.
- B. **Meet with your adviser** to discuss your courses and to obtain your registration access number (RAN), if required by your college.
- C. **Register via AccessPlus at <http://accessplus.iastate.edu/>**. Follow the instructions and prompts on the screens. It is your responsibility to check for schedule conflicts. Attempt to add a course you need even if the section is closed. This action helps the University monitor and determine when it's feasible to respond to unmet course demand.

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

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

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

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

Alternative courses

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ |

Notes

Adviser signature: _____ Date approved: _____

Registration Trial Schedule Grid

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

Campus Buildings and Abbreviations

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

*Residence Hall

Other Campus Buildings

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



ACCOUNTING

LEGAL ENVIRONMT BUS ACCT 215 3 CR.

PREREQ: SOPH CLASSIFICATION
 5277005 A MWF 8:00-8:50
 5277010 B MWF 10:00-10:50

FINANCIAL ACCOUNTNG ACCT 284 3 CR.

PREREQ: SOPHOMORE STANDING OF PERMISSION OF ADVISER
 COURSE NOT OPEN TO FRESHMEN OR GRADUATE STUDENTS
 1110005 A MWF 10:00-10:50
 1110010 B TR 12:40-2:00
 1110015 C TR 11:00-12:20
 1110020 D MWF 11:00-11:50

MANAGERIAL ACCOUNTG ACCT 285 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 284
 COURSE NOT OPEN TO FRESHMEN OR GRADUATE STUDENTS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
 1112005 A MWF 11:00-11:50
 1112010 B TR 11:00-12:20
 1112015 C TR 12:40-2:00
 1112020 D TR 9:30-10:50
 1112025 E TR 2:10-3:30
 1112030 F MWF 12:10-1:00
 1112035 G MWF 1:10-2:00

BUSINESS LAW ACCT 316 3 CR.

PREREQ: 215
 COURSE RESTRICTED TO COLLEGE OF BUSINESS ONLY.
 NOT OPEN TO P BUS MAJORS OR GRADUATE STUDENTS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
 5278005 A MWF 11:00-11:50

INTMD MANAGERL ACCT ACCT 383 3 CR.

PREREQ: 285 OR 508
 SECTIONS A1,B1,C1 RESTRICTED TO ACCT MAJORS.
 SECTIONS A2,B2,C2 FOR OTHER BUSINESS COLLEGE MAJORS
 AND AG B. NOT OPEN TO P BUS MAJORS OR GRAD STUDENTS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
 1117005 A1 MWF 9:00-9:50
 1117010 A2 MWF 9:00-9:50
 1117015 B1 MWF 10:00-10:50
 1117020 B2 MWF 10:00-10:50
 1117025 C1 MWF 12:10-1:00
 1117030 C2 MWF 12:10-1:00

ACCT INFO SYSTEMS ACCT 384 3 CR.

PREREQ: 285
 COURSE RESTRICTED TO ACCT MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
 1123010 A MWF 1:10-2:00
 1123005 B MWF 2:10-3:00
 1123015 C MWF 11:00-11:50

INTMED ACCOUNTING I ACCT 386 3 CR.

PREREQ: 285 OR 508
 SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY.
 SEC A2,B2,C2 FOR OTHER BUSINESS COLLEGE MAJORS
 AND AG B. NOT OPEN TO P BUS MAJORS OR GRAD STUDENTS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN

ACCOUNTING

1118005 A1 TR 9:30-10:50
 1118010 A2 TR 9:30-10:50
 1118015 B1 TR 11:00-12:20
 1118020 B2 TR 11:00-12:20
 1118025 C1 TR 2:10-3:30
 1118030 C2 TR 2:10-3:30

INTMD ACCOUNTING II ACCT 387 3 CR.

PREREQ: 386
 SEC A1,B1 RESTRICTED TO ACCT MAJORS YR 1-4 ONLY.
 SEC A2,B2 FOR BUS S, BUS U, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
 1119005 A1 TR 8:00-9:20
 1119010 A2 TR 8:00-9:20
 1119015 B1 TR 9:30-10:50
 1119020 B2 TR 9:30-10:50
 1119025 C1 TR 12:40-2:00
 1119030 C2 TR 12:40-2:00

PRIN FED INCOME TAX ACCT 485 3 CR.

PREREQ: 285 OR 508
 SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2,C2 FOR BUS S, BUS U, FIN, LSCM, MGMT, MIS, MKT,
 OSCM MAJORS ONLY. NOT OPEN TO P BUS OR GRAD STUDENTS.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
 1121005 A1 MWF 9:00-9:50
 1121010 A2 MWF 9:00-9:50
 1121015 B1 TR 9:30-10:50
 1121020 B2 TR 9:30-10:50
 1121025 C1 TR 12:40-2:00
 1121030 C2 TR 12:40-2:00

NONPROFIT INST ACCT ACCT 488 3 CR.

PREREQ: 387
 COURSE RESTRICTED TO COLLEGE OF BUSINESS ONLY.
 NOT OPEN TO P BUS MAJORS OR GRADUATE STUDENTS.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
 1120005 A MWF 10:00-10:50

INDEPENDENT STUDY ACCT 490 1- 3 CR.

PREREQ: 285, SR CLASSIFICATION, INSTR PERMISSN DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ACCT PROBLEMS ACCT 495 3 CR.

PREREQ: 387
 COURSE RESTRICTED TO ACCT MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
 7148005 A MWF 9:00-9:50

INTRO TO AUDITING ACCT 497 3 CR.

PREREQ: 384, 387, STAT 326
 COURSE RESTRICTED TO ACCT MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING 1ST WEEK; GO TO 1200 GERDIN
 1126005 A MW 3:40-5:00
 1126010 B MWF 1:10-2:00

ACCOUNTING

SURVEY FINANCL ACCT ACCT 508 2 CR.
 PREREQ: GRADUATE CLASSIFICATION
 COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9129005 R M 8:30-11:50
 SECT R:SEPT 28-NOV 16
 9129600 XA M 5:45-9:15PM
 SECT XA:SEPT 28-NOV 16
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

AC FOR DECISION MAK ACCT 581 3 CR.
 PREREQ: 508 OR EQUIVALENT
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 9116005 A MWF 12:10-1:00

ADV FEDERAL TAXATN ACCT 586 3 CR.
 PREREQ: 485
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7001005 A MWF 11:00-11:50

GOV'T&NON-PRFT ACCT ACCT 588 3 CR.
 PREREQ: 387 OR 592
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2909005 A MWF 10:00-10:50

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

FRAUD EXAM & PREVNT ACCT 591 3 CR.
 PREREQ: 497 OR 508
 7436005 A M 6:00-9:30PM
 SECT A:AUG 24-NOV 16

FIN STATEMNT ANALYS ACCT 592 3 CR.
 PREREQ: 284 OR 508
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1357005 S S 1:00-4:30
 SECT S:SEPT 5-NOV 21

ADV ACCNTNG PROBLMS ACCT 595 3 CR.
 PREREQ: 387
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1011005 A MWF 9:00-9:50

INTERNATIONAL ACCT ACCT 596 3 CR.
 PREREQ: 386 OR 508
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2892005 A T 6:00-9:30PM
 SECT A:SEPT 1-NOV 17

FIN ACCT:THRY & ISS ACCT 598 3 CR.
 PREREQ: 387 OR 594
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 5338005 A W 6:00-9:30PM
 SECT A:SEPT 2-NOV 18

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

ADVERTISING

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

STRATEG PLAN AD&P R ADVRT 301 3 CR.
 PREREQ: 230 OR JL MC 220; SOPHOMORE CLASSIFICATN
 SEC 1A,2A,ETC. RESTRICTED TO ADVRT, JL MC, P ADV,
 P JMC MAJORS. SEC 1B,2B,ETC. RESTRICTED TO MAJORS
 OTHER THAN ADVRT, JL MC, P ADV, P JMC.
 4439005 1A TR 12:40-2:00 SAR S
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4439010 1B TR 12:40-2:00 SAR S
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4439015 2A MW 9:30-10:45 MONAHAN L
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4439020 2B MW 9:30-10:45 MONAHAN L
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4439025 3A TR 9:30-10:45 LEE S
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4439030 3B TR 9:30-10:45 LEE S
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4439035 4A MW 3:10-4:30
 4439040 4B MW 3:10-4:30
 4439045 5A TR 11:00-12:15
 4439050 5B TR 11:00-12:15

ADVERTSNG CREATIVTY ADVRT 334 3 CR.
 PREREQ: 301; C+ OR BETTER IN JL MC 201
 COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY
 4669005 1 TR 3:10-4:40, ARRANGED THOMAS J
 4669010 2 TR 1:10-2:40, ARRANGED THOMAS J

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

SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4670010 1B MWF 2:10-3:00 NEWELL J
 SEC 1B FOR MAJORS OTHER THAN JL MC,
 ADVRT, P JMC, P ADV
 SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

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

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

SPL TOPICS COMMUNIC ADVRT 497 1- 3 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 2240005 1A TR 11:00-12:15 MONAHAN L
 SECTION 1A TOPIC: INTERACTIVE MEDIA.

RESTRICTED
 TO JL MC, ADVRT, P JMC, P ADV
 JUNIORS AND SENIORS.
 2240010 1B TR 11:00-12:15 MONAHAN L
 SECTION 1B TOPIC: INTERACTIVE MEDIA.

RESTRICTED
 TO MAJORS OTHER THAN ADVRT, JL MC,
 P ADV, P JMC.
 2240015 2A TR 9:30-10:45
 SECTION 2A TOPIC: MEDIA, MINDS AND
 MESSAGES.

RESTRICTED TO JL MC, ADVRT, P JMC,
 P ADV JUNIORS AND SENIORS. FALL 2009

ADVERTISING

SPL TOPICS COMMUNIC ADVRT 497 1- 3 CR.
 2240020 2B TR 9:30-10:45
 SECTION 2B TOPIC: MEDIA, MINDS AND
 MESSAGES.
 RESTRICTED TO MAJORS OTHER THAN
 ADVRT, JL MC, P ADV,
 P JMC.

AEROSPACE ENGINEERING

ENGR HONORS ORIENTA AER E 101H 1 CR.
 PREREQ: MEMBERSHIP IN THE FRESHMAN HONORS PROGRAM
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 1172005 1 W 10:00-11:20
 1172010 2 T 2:10-3:30

ORIEN LEARNING&TEAM AER E 112 2 CR.
 1544005 A T 12:10-2:00
 1544010 B W 4:10-6:00PM

AEROSPAC ENG PROBLM AER E 160 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: SATISFACTORY SCORES ON MATH PLACEMENT
 EXAM; CREDIT OR ENROLLMENT IN MATH 142, 165
 COURSE RESTRICTED TO AER E MAJORS ONLY
 6215005 1 TR 11:00-11:50
 M 2:10-4:00
 6215010 2 TR 11:00-11:50
 T 2:10-4:00
 6215015 3 TR 11:00-11:50
 W 2:10-4:00
 6215025 4 TR 11:00-11:50
 M 12:10-2:00

HONORS AER ENG PROB AER E 160H 3 CR.
 COURSE RESTRICTED TO AER E MAJORS ONLY
 7571005 1 TR 11:00-11:50
 M 10:00-11:50
 7571010 2 TR 11:00-11:50
 R 2:10-4:00

NUM&GRAPHIC&LAB TCNQ AER E 161 4 CR.
 PREREQ: 160 OR EQUIVALENT COURSE
 COURSE RESTRICTED TO AER E MAJORS ONLY
 7834005 1 TR 9:30-10:50
 W 10:00-11:50

AERODYNAMICS I AER E 243 3 CR.
 PREREQ: GRADE OF C- OR BETTER IN 261, MATH 265,
 ENROLLMENT IN 243L
 COURSE RESTRICTED TO AER E MAJORS ONLY
 1175005 A TR 11:00-12:15

AERODYNAMICS LAB I AER E 243L .5 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 243
 COURSE RESTRICTED TO AER E MAJORS ONLY
 1177005 1 R 1:10-3:00
 SECT 1:2ND HALF
 1177010 2 T 3:10-5:00
 SECT 2:2ND HALF

AEROSPACE ENGINEERING

INTRO AEROSPAC ENGR AER E 261 4 CR.
 PREREQ: 161, MATH 166, PHYS 221
 COURSE RESTRICTED TO AER E MAJORS ONLY
 6021005 1 MTRF 1:10-2:00

SCI BALLOON ENGR&OP AER E 265 1 CR.
 2679005 R 4:10-5:00

INDEPENDENT STUDY AER E 290C 1- 2 CR.
 PREREQ: SOPHOMORE CLASSIFICATION, DEPT APPROVAL
 2651005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

AEROSPACE SEMINAR AER E 291 R CR.
 SATISFACTORY-FAIL ONLY.
 COURSE RESTRICTED TO AER E MAJORS ONLY
 1086005 1 M 3:10-4:00
 1086010 2 M 5:10-6:00PM

HONORS AEROSP SEMNR AER E 291H R CR.
 SATISFACTORY-FAIL ONLY.
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM STUDENTS ONLY
 1209005 1 M 3:10-4:00
 1209010 2 M 5:10-6:00PM

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

FLIGHT EXPERIENCE AER E 301 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR ENROLLMENT IN 355
 COURSE RESTRICTED TO AER E MAJORS ONLY
 MATERIALS AND PROFESSIONAL SUPPORT FEE
 \$246.00-\$325.00
 1160005 1 W 3:10-4:00, ARRANGED
 THE WEDNESDAY 3:10-4:00 IS A ONE-TIME
 ONLY
 MTG ON AUG 27. ALL OTHER TIMES ARE
 TO BE ARRANGED.
 1160010 2 W 5:10-6:00PM
 ARRANGED
 THE WEDNESDAY 5:10-6:00 P.M. IS A
 ONE-TIME ONLY MTG ON AUG 27. ALL OTHER TIMES ARE TO BE
 ARRANGED.

FLIGHT STRUCT ANALY AER E 321 3 CR.
 PREREQ: E M 324
 COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7164005 1 MWF 12:10-1:00
 R 10:00-10:50
 LAB MEETS ALTERNATE WEEKS. SEE

SYLLABUS FOR DATES
 7164010 2 MWF 12:10-1:00
 R 10:00-10:50
 LAB MEETS ALTERNATE WEEKS. SEE

SYLLABUS FOR DATES
 7164015 3 MWF 12:10-1:00
 F 9:00-9:50
 LAB MEETS ALTERNATE WEEKS. SEE

SYLLABUS FOR DATES
 7164020 4 MWF 12:10-1:00
 F 10:00-10:50
 LAB MEETS ALTERNATE WEEKS. SEE

SYLLABUS FOR DATES
 7164025 5 MWF 12:10-1:00
 F 11:00-11:50
 LAB MEETS ALTERNATE WEEKS. SEE
 SYLLABUS FOR DATES

AEROSPACE ENGINEERING

AEROSPACE ENGINEERING

FLIGHT STRUCT ANALY AER E 321 3 CR.
 7164030 6 MWF 12:10-1:00
 F 11:00-11:50
 LAB MEETS ALTERNATE WEEKS. SEE
 SYLLABUS FOR DATES

ASTRODYNAMICS I AER E 351 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: E M 345, AER E 261, CREDIT OR ENROLLMENT
 IN AER E 243
 COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1168005 1 MWF 9:00-9:50
 1168010 2 MWF 9:00-9:50

HONORS ASTRODYNAM I AER E 351H 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2665005 MWF 10:00-10:50

AIRCRAFT FLI DYN&CTL AER E 355 3 CR.
 PREREQ: 261, MATH 267, E M 345
 COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1056005 1 MWF 1:10-2:00
 1056010 2 MWF 1:10-2:00

COMP TECHNQ AER DSN AER E 361 3 CR.
 PREREQ: 243, MATH 267, E M 324, E M 345
 COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1170010 1 TR 11:00-11:50
 T 12:10-2:00
 1170015 2 TR 11:00-11:50
 R 12:10-2:00

AEROSPACE SEMINAR AER E 391 R CR.
 SATISFACTORY-FAIL ONLY.
 COURSE RESTRICTED TO AER E MAJORS ONLY
 1129005 1 W 3:10-4:00
 1129010 2 W 5:10-6:00PM

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

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

AERO VEHIC PROPUL I AER E 411 3 CR.
 PREREQ: 311
 COURSE RESTRICTED TO AER E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6028005 MWF 2:10-3:00

AEROELASTICITY AER E 422 3 CR.
 PREREQ: 421 OR E M/M E 450
 COURSE RESTRICTED TO AER E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1178005 1 MWF 3:10-4:00

COMPOSITE FLT STRUC AER E 423 3 CR.
 PREREQ: E M 324, MAT E 272
 COURSE RESTRICTED TO AER E MAJORS ONLY
 MATERIALS FEE \$36.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4615005 1 MW 9:00-9:50
 T 8:00-9:50
 4615010 2 MW 9:00-9:50
 T 2:10-4:00
 4615015 3 MW 9:00-9:50
 R 2:10-4:00
 4615020 4 MW 9:00-9:50
 R 8:00-9:50

COMPUT FLUID DYNAM AER E 446 3 CR.
 PREREQ: 343
 COURSE RESTRICTED TO AER E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8091005 MWF 10:00-10:50

ASTRODYNAMICS II AER E 451 3 CR.
 PREREQ: 351
 COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1184005 1 MWF 12:10-1:00

MOD DESIGN METHODOL AER E 461 3 CR.
 PREREQ: 361,311,321,351,355
 COURSE RESTRICTED TO AER E SENIORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1186005 1 TR 10:00-10:50
 T 4:10-6:00PM
 1186010 2 TR 10:00-10:50
 W 4:10-6:00PM

DESIGN AEROSPAC SYS AER E 462 3 CR.
 PREREQ: 461
 COURSE RESTRICTED TO AER E SENIORS ONLY
 1187005 1 T 9:00-9:50
 TR 10:00-11:50

MULTIDISC ENGR DSGN AER E 466 3 CR.
 PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 8778005 1 T 11:00-11:50
 ARRANGED
 8778010 2 T 11:00-11:50
 ARRANGED
 8778015 3 T 11:00-11:50
 ARRANGED
 8778020 4 T 11:00-11:50
 ARRANGED

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

AEROSPACE ENGINEERING

AEROSPACE ENGINEERING

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

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

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

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

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

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

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

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

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

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

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

INDEPENDENT STUDY AER E 4900 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 COURSE ONLY OFFERED FOR 1-3 CREDITS FALL 2009
 1343050 DH ARRANGED

AEROSPACE SEMINAR AER E 491 R CR.
 SATISFACTORY-FAIL ONLY.
 COURSE RESTRICTED TO AER E MAJORS ONLY
 1198005 1 R 12:40-1:30

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

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

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

ADV MECH OF MATERLS AER E 514 3 CR.
 PREREQ: E M 324
 7680600 XE ARRANGED SCHMERR L
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDITION
 TO TUITION AND FEES. ONLINE
 REGISTRATION RESTRICTED TO DISTANCE STUDENTS. ALL
 OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION TO
 REGISTER.

SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

INCOMPRSS FLOW AERO AER E 541 3 CR.
 PREREQ: 343 OR M E 335
 1208005 A MWF 1:10-2:00
 1208600 XE ARRANGED ROTHMAYER A
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDITION
 TO TUITION AND FEES. ONLINE
 REGISTRATION RESTRICTED TO DISTANCE STUDENTS. ALL
 OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION TO
 REGISTER.

SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

FLUI MECH&HEAT TR I AER E 546 3 CR.
 PREREQ: CR OR ENROLLMT IN M E 538 OR AER E 541
 1212005 A MWF 10:00-10:50
 1212600 XE MWF 10:00-10:50
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO

TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE
 REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

ORBITAL MECHANICS AER E 551 3 CR.
 PREREQ: 351
 1214005 MWF 12:10-1:00

GUIDANCE AER VEHICL AER E 556 3 CR.
 PREREQ: 331
 8722005 MWF 3:10-4:00

SYST ENGR &ANALYSIS AER E 565 3 CR.
 PREREQ: COURSEWORK IN BASIC STATISTICS
 I E MAJORS MAY NOT APPLY CREDIT IN I E/E E/AER E
 565 TOWARD DEGREE REQUIREMENTS
 8933005 A TR 8:00-9:15
 8933600 XE TR 8:00-9:15 GEMMILL D
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION. COURSE DELIVERY IS VIDEOSTREAMING. ONLINE
 REGISTRATION IS RESTRICTED TO DISTANCE STUDENTS.
 ALL OTHERS CONTACT EDE AT 515-294-7470 FOR
 PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.

AEROSPACE ENGINEERING

SYST ENGR & ANALYSIS AER E 565 3 CR.
 DELIVERY IS VIDEOSTREAMING

LINEAR SYSTEMS AER E 577 3 CR.
 PREREQ: E E 324 OR AER E 331 OR M E 414 OR
 MATH 415; AND MATH 307
 8190005 A TR 2:10-3:30

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

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

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

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

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

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

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

SPECL TOPICS DESIGN AER E 590I 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

ADV HI CMPUT FL DYN AER E 647 3 CR.
 PREREQ: 547
 7969005 MWF 9:00-9:50

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

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

AEROSPACE ENGINEERING

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

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

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

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

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

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

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

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

ENGINEERG INTERNSHP AER E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DOGE, GRADUATE CLASSIFICATN
 8131005 ARRANGED

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

AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST AF AM 201 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8310005 A MW 2:10-3:25

ETHNIC&RACE RELATNS AF AM 330 3 CR.
 PREREQ: SOC 130 OR 134
 MEETS U.S. DIVERSITY REQMT.
 8638005 A1 MWF 11:00-11:50
 SECTION A1 FOR SOC, P S A MAJORS ONLY
 8638010 A2 MWF 11:00-11:50
 SEC A2 FOR MAJORS OTHER THAN SOC, P S
 A

AFRIC AM LIT TO1960 AF AM 347 3 CR.
 PREREQ: ENGL 250
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8631005 A1 TR 12:40-2:00
 SEC A1 RESTRICTED TO ENGL, TCOMM
 MAJORS ONLY
 8631010 A2 TR 12:40-2:00
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL,
 TCOMM

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

AGRICULTURAL EDUCATION & STUDIES

AGRICULTURAL EDUCATION & STUDIES

ORIENTATION AGRI ED AGEDS 110A .5 CR.
1268005 1 TR 2:10-3:00
SECT 1:1ST HALF

ORIENTATION AGRI ST AGEDS 110B .5 CR.
1383005 1 TR 2:10-3:00
SECT 1:1ST HALF
1383010 2 TR 2:10-3:00
SECT 2:1ST HALF

ORIENT GENERAL AGRI AGEDS 110C .5 CR.
8358005 TR 2:10-3:00, 1ST HALF

ORIENT AG SCHOLARS AGEDS 111 1 CR.
PREREQ: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR
1334005 T 1:10-2:00

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

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

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

CAREER SEMINAR AGEDS 215 1 CR.
PREREQ: SOPHOMORE CLASSIFICATION
1385005 1 TR 11:00-11:50
SECT 1:1ST HALF
1385010 2 TR 11:00-11:50
SECT 2:2ND HALF

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

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

FOUND AG ED PROGRMS AGEDS 310 2 CR.
8790005 TR 9:00-9:50

PRESENTN STRATEGIES AGEDS 311 3 CR.
1272005 1 MWF 11:00-11:50
1272010 2 MWF 9:00-9:50
1272015 3 TR 9:30-10:50
1272020 4 R 6:00-9:00PM
S 9:00-3:00
SECT 4:2ND HALF
ONE SATURDAY MEETING
1272610 XC ARRANGED MARTIN R
SECT XC:OCT 8-DEC 18
DELIVERY FEE OF \$156.00 IN ADDITION

TO TUITION.

PROCESS

DEPARTMENT PERMISSION REQUIRED;

PRESENTN STRATEGIES AGEDS 311 3 CR.
SECTION XC IS OFF CAMPUS.
DELIVERY IS CDROM
SECTION INFO:

http://agde.iastate.edu/computer.htm
1272605 XH ARRANGED MARTIN R
SECT XH:OCT 8-DEC 18
FOR PERMISSION TO REGISTER CONTACT

LORI YOUNGBERG
AT 515-294-7656 OR
LYOUNG@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED;

PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XH IS OFF CAMPUS.
DELIVERY IS CDROM

SCI WITH PRACTICE AGEDS 312 2 CR.
PREREQ: MAJOR IN THE COLLEGE OF AG LS
8006005 W 5:30-7:30PM

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

COOPERATIVE EDUCATN AGEDS 398 R CR.
PREREQ: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
1356005 ARRANGED
PERMISSION OF DEPARTMENT CHAIR

REQUIRED;
PROCESS APPROVED ADD SLIP IN 10
ALUMNI HALL

PLAN AG ED PROGRAMS AGEDS 401 3 CR.
PREREQ: 310
1275005 1 TR 9:30-10:50

METHODS TEACHING AG AGEDS 402 3 CR.
PREREQ: CONCURRENT ENROLLMENT IN 401
1276005 1 TR 11:00-12:20

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CR.
PREREQ: 211, JR CLASSIF IN AGEDS, INSTR PERMISSN
PROFESSIONAL SUPPORT FEE \$50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

SEE DEPT FOR REFERENCE NUMBERS

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

SUPRV TEACHNG IN AG AGEDS 417 1-16 CR.
PREREQ: 211, 402 & ADMISSION TO TEACHER EDUC PROG
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$20.50-\$287.00
1281005 1 ARRANGED

SUPRV EXTENSXN EXPER AGEDS 418 2- 8 CR.
PREREQ: 211, JR CLASSIFICTN, INSTRUCTOR PERMISSN
PROFESSIONAL SUPPORT FEE \$50.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1282005 1 ARRANGED
INSTRUCTOR PERMISSION REQUIRED;

PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

AGRICULTURAL EDUCATION & STUDIES

FARM MGMT&OPERATION AGEDS 450 3 CR.
 PREREQ: ECON 235, 330, JUNIOR CLASSIFICATION
 MATERIALS AND EQUIPMENT USE FEE \$100.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1386005 T 1:10-2:00
 TR 2:10-5:00

MTHDS TCHG AG MECHN AGEDS 488 3 CR.
 PREREQ: 211
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5124005 M 1:10-3:00
 W 1:10-4:00

IND STU PHIL,CURRIC AGEDS 490A 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU LDRSHP,EVAL AGEDS 490B 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU BUS,PROD AG AGEDS 490C 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU EXTEN,INT'L AGEDS 490D 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU INSTR TCHNL AGEDS 490E 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENVIR ISSU AGEDS 490F 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

IND STU COMMUNICATN AGEDS 490I 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7499005 ARRANGED

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

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

PLAN AG ED PROGRAMS AGEDS 501 3 CR.
 PREREQ: 310
 7850005 1 TR 9:30-10:50
 7850010 2 TR 9:30-10:50

METHODS OF TEACH AG AGEDS 502 3 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 501
 7851005 1 TR 11:00-12:20

ORGNIZ INFO FOR MTG AGEDS 514 2 CR.
 PREREQ: GRADUATE CLASSIFICATION IN AGRICULTURE
 1298005 F 2:10-5:00

INSTRUCTIONL METHDS AGEDS 520 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 1299600 XH ARRANGED MILLER W
 SECT XH:AUG 24-DEC 18
 CONTACT LORI YOUNGBERG AT 515-294-
 7656 OR EMAIL AT LYOUNG@IASTATE.EDU FOR PERMISSION TO
 REGISTER.
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
<http://agde.iastate.edu/computer.htm>
 1299605 XW ARRANGED MILLER W
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$99.00 IN ADDITION TO
 TUITION.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
<http://aged.iastate.edu/computer.htm>

PROG DEVEL AG&EXTEN AGEDS 524 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 1301600 XH ARRANGED GRUDENS-SCHUCK
 N
 SECT XH:AUG 24-DEC 18
 FOR PERMISSION TO ADD CONTACT LORI
 YOUNGBERG AT 515-294-7656 OR E-MAIL LYOUNG@IASTATE.EDU
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW
 1301605 XW ARRANGED GRUDENS-SCHUCK
 N
 SECT XW:AUG 24-DEC 18

AGRICULTURAL EDUCATION & STUDIES

AGRICULTURAL EDUCATION & STUDIES

PROG DEVEL AG&EXTEN AGEDS 524 3 CR.
 DELIVERY FEE OF \$99.00 IN ADDITION TO
 TUITION.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

FOUNDATIONS AG EDUC AGEDS 550 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2931605 XH ARRANGED RETALICK M
 SECT XH:AUG 24-DEC 18
 CONTACT LORI YOUNGBERG AT 515-294-

7656 OR
 EMAIL AT LYOUNG@IASTATE.EDU FOR
 PERMISSION TO
 REGISTER.
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:

<http://agde.iastate.edu/computer.htm>
 2931600 XW ARRANGED RETALICK M
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$99.00 IN ADDITION TO
 TUITION. CO

NTACT LORI YOUNGBERG AT 515-294-
 7656 OR EMAIL AT LYOU
 NG@IASTATE.EDU FOR PERMISSION TO
 REGISTER.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:

<http://agde.iastate.edu/computer.htm>
 DATA ANALY&INTERPRT AGEDS 552 2 CR.
 PREREQ: 510
 2935005 ARRANGED
 DELIVERY IS WWW

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

AGRICULTURAL ENGINEERING

AGRICULTURAL EDUCATION & STUDIES

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

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

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

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

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

SEMINAR CAREER PLAN AGEDS 615D 1 CR.
 SATISFACTORY-FAIL ONLY.
 2949005 F 8:00-9:50, 2ND HALF

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

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

AGRICULTURAL ENGINEERING

ENTREPRN&INTERN SEM A E 201 1 CR.
 PREREQ: SOPH CLASSIF IN A E, AST, BSE OR I TEC
 1373005 MW 4:10-5:00, 1ST HALF

PARAM SLD MODEL ENG A E 271 1 CR.
 PREREQ: ENGR 170 OR TSM 116 OR EQUIVALENT
 9153005 A M 9:00-9:50
 W 8:00-9:50
 SECT A:1ST HALF
 SECTN A RESTRICTED TO ENGINEERING

COLLEGE MAJORS
 9153010 B M 9:00-9:50
 W 8:00-9:50
 SECT B:1ST HALF
 SECTION B RESTRICTED TO A E, AST, I

TEC MAJORS

PRO/ENG MOD&ASSEMBL A E 272 1 CR.
 PREREQ: ENGR 170 OR TSM 116 OR EQUIVALENT
 2650005 A M 9:00-9:50
 W 8:00-9:50
 SECT A:2ND HALF
 2650010 B M 9:00-9:50
 W 8:00-9:50
 SECT B:2ND HALF
 SECTION B RESTRICTED TO A E, AST, I

TEC MAJORS

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

LEADRSHP& ETHCS SEM A E 301 1 CR.
 PREREQ: 201
 1375005 MW 4:10-5:00, 1ST HALF

APPLD NUMRCL METHDS A E 316 3 CR.
 PREREQ: ENGR 160, MATH 266
 8355005 A TR 9:00-9:50
 T 1:10-3:00
 8355010 B TR 9:00-9:50
 R 1:10-3:00

BIORENEWABLE SYSTMS A E 325 3 CR.
 PREREQ: ECON 101, CHEM 155 OR HIGHER, MATH 140
 OR HIGHER
 4769005 A TR 2:10-3:30
 4769010 B TR 2:10-3:30
 SECTION B RESTRICTED TO AST MAJORS

ONLY
 4769605 XH ARRANGED BRUMM T
 SECT XH:AUG 24-DEC 18
 FOR PERMISSION TO REGISTER CONTACT

LORI
 YOUNGBERG AT 515-294-7656 OR
 LYOUNG@IASTATE.EDU
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
<http://www.aged.iastate.edu/computer.htm>
 4769600 XW ARRANGED
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$149.00 IN ADDITION

TO TUITION.
 FOR PERMISSION TO REGISTER CONTACT

LORI
 YOUNGBERG AT 515-294-7656 OR
 LYOUNG@IASTATE.EDU
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
[HTTP://WWW.AGDE.IASTATE.EDU/COMPUTER.HTM](http://www.agde.iastate.edu/computer.htm)

ANALY&DS FIELD MACH A E 340 3 CR.
 PREREQ: 110, 203, 216
 1525005 A TR 10:00-10:50
 M 1:10-3:00
 1525010 B TR 10:00-10:50
 W 1:10-3:00

ELEC POWR&ELECTRONC A E 363 4 CR.
 PREREQ: PHYS 222
 MATERIALS FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1019005 A TR 11:00-12:30
 T 3:10-5:00
 1019010 B TR 11:00-12:30
 R 3:10-5:00

AGRICULTURAL ENGINEERING

SUSTNBL E&INT'L DEV A E 388 3 CR.
 PREREQ: JUNIOR CLASSIFICATION IN ENGINEERING
 MEETS INTERNATIONAL PERSPECTIVES REQMT.

8107005 A1 MW 3:10-4:00
 T 4:10-6:00PM

SECTION A1 RESTRICTED TO A E, ABE A,

A B E MAJORS

8107010 A2 MW 3:10-4:00
 T 4:10-6:00PM

SECTION A2 RESTRICTED TO C E, C C E,

CCE E, CON E

MAJORS ONLY

8107015 A3 MW 3:10-4:00
 T 4:10-6:00PM

SECTION A3 RESTRICTED TO CPR E, E E,

E CPE MAJORS

8107020 A4 MW 3:10-4:00
 T 4:10-6:00PM

SECTION A4 RESTRICTED TO M E MAJORS

ONLY

ENGR INTERNSHIP A E 397 R CR.

SATISFACTORY-FAIL ONLY.

PREREQ: PERMISSION OF DEPT & ENGR CAREER SERVICES

***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC A E 398 R CR.

SATISFACTORY-FAIL ONLY.

PREREQ: 298, PERMISSION OF DEPARTMENT AND ENGR

CAREER SERVICES

***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONLSM SEMNR A E 401 1 CR.

PREREQ: 301

COURSE RESTRICTED TO A E, AST, I TEC MAJORS ONLY

1013010 A MW 4:10-5:00

SECT A:1ST HALF

A B E INSTRUMENTATN A E 404 3 CR.

PREREQ: 363 OR CPR E 210

2661005 A TR 8:00-8:50
 T 1:10-3:00

2661010 B TR 8:00-8:50
 R 1:10-3:00

GIS &NAT RESRCE MGT A E 408 3 CR.

PREREQ: WORKING KNOWLEDGE OF CPTR & WINDOWS ENVIR

2254005 R 2:10-4:00

T 2:10-4:00

FLUID POWER ENGR A E 413 3 CR.

PREREQ: CR OR ENROLLMENT IN E M 378 OR M E 335,
 A E 216 OR M E 270

MATERIALS AND FIELD TRIPS & TRAVEL FEE \$12.00

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

7961005 A MW 9:00-9:50
 W 4:10-6:00PM

7961010 B MW 9:00-9:50
 W 12:10-2:00

AGRIC ENGR DESIGN I A E 415 2 CR.

PREREQ: 271 OR 272, E M 324

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

8253005 A M 1:10-2:00, ARRANGED

AGRICULTURAL ENGINEERING

AG ENGR DESIGN II A E 416 2 CR.

PREREQ: 415

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

7302005 ARRANGED

SOIL&WTR CONSRVSY A E 431 3 CR.

PREREQ: E M 378 OR CH E 356

9418005 MW 11:00-11:50

T 3:10-6:00PM

FOOD&BIOPROCES ENGR A E 451 3 CR.

PREREQ: 216 AND M E 436 OR OR CH E 357, OR

FS HN 351 AND MATH 266 OR 267

5188005 MWF 2:10-3:00

MULTIDISC ENGR DSGN A E 466 3 CR.

PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF

GRADUATION, PERMISSION OF INSTRUCTOR

8891005 1 T 11:00-11:50

ARRANGED

8891010 2 T 11:00-11:50

ARRANGED

8891015 3 T 11:00-11:50

ARRANGED

8891020 4 T 11:00-11:50

ARRANGED

IND STU BIOSYS ENGR A E 490B 1- 4 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CPTR-A DSGN A E 490C 1- 4 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

IND STU ENVIR SYSTS A E 490E 1- 4 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY FOOD ENGR A E 490F 1- 4 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS A E 490H 1- 4 CR.

PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM

***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY POWER ENGR A E 490P 1- 4 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY STRUCTURES A E 490Q 1- 4 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY PROCES ENG A E 490R 1- 4 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

IND STU ENVIR&N RES A E 490S 1- 4 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY WASTE MGT A E 490U 1- 4 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN A E 498 R CR.

PREREQ: 398, PERMISSION OF THE DEPARTMENT AND

ENGINEERING CAREER SERVICES

***** SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL ENGINEERING

AGRICULTURAL ENGINEERING

INSTRUMNTN FOR ABSE A E 504 3 CR.
 PREREQ: 363 OR CPR E 210
 9225005 A TR 8:00-8:50
 T 1:10-3:00
 9225010 B TR 8:00-8:50
 R 1:10-3:00

GIS&NAT RESOURC MGT A E 508 3 CR.
 PREREQ: WORKING KNOWLEDGE OF CMPTRS & WINDOWS ENV
 6253005 R 2:10-4:00
 T 2:10-4:00

INTEG CROP&LVSTK SY A E 515 3 CR.
 PREREQ: SUSAG 509
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$60.00
 2255005 TR 9:30-10:50

SOIL&WTR CONSERV SY A E 531 3 CR.
 PREREQ: E M 378 OR CH E 356
 1577005 MW 11:00-11:50
 T 3:10-6:00PM

FOOD&BIOPROCES ENGR A E 551 3 CR.
 PREREQ: 216 AND M E 436 OR CH E 357, OR
 FS HN 351 AND MATH 266 OR 267
 5194005 MWF 2:10-3:00

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

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

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

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

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

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

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

MASTER'S TECH COMM A E 598 1 CR.
 SATISFACTORY-FAIL ONLY.
 8332005 ARRANGED

CREATIVE COMPONENT A E 599 VAR. CR.
 1044005 ARRANGED

GRADUATE SEMINAR A E 601 1 CR.
 1046005 W 4:10-5:00

FOUND SUSTAINBLE AG A E 610 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 7426005 TR 11:00-12:20

ADVANCED TOPICS A E 690 VAR. CR.
 1048005 ARRANGED

TEACHING PRACTICUM A E 694 1- 3 CR.
 PREREQ: GRADUATE CLASSIFICATION AND PERMISSION OF
 INSTRUCTOR
 6457005 ARRANGED

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

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

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

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

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

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

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

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

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

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

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

AGRONOMY

PRO DEVEL:ORIENTATN AGRON 110 .5 CR.
 DOES NOT MEET EVERY WEEK
 1390005 1 R 2:10-3:00 WIEDENHOEFT M
 1390010 LT T 2:10-3:00 WIEDENHOEFT M
 SECTION LT FOR LEARNING COMMUNITY
 STUDENTS ONLY

PRINCIP OF AGRONOMY AGRON 114 3 CR.
 2-4 HRS COMPUTER ASSISTED INSTRUCTION TUTORIAL
 IN ADDITION TO SCHEDULED CLASS PERIODS
 1391010 1 MW 4:10-5:00 MULLEN R
 R 9:00-9:50, ARRANGED MULLEN R
 SECTION INFO:
<http://www.agron.iastate.edu/courses/agron114/default.html>
 1391015 2 MW 4:10-5:00 MULLEN R
 R 11:00-11:50 MULLEN R
 ARRANGED MULLEN R
 SECTION INFO:
<http://www.agron.iastate.edu/courses/agron114/default.html>

AGRONOMY

AGRONOMY

PRINCIP OF AGRONOMY AGRON 114 3 CR.
 1391020 3 MW 4:10-5:00 MULLEN R
 F 9:00-9:50, ARRANGED MULLEN R
 SECTION INFO: <http://www.agron.iastate.edu/courses/agron/114/default.html>
 1391025 4 MW 4:10-5:00 MULLEN R
 F 2:10-3:00, ARRANGED MULLEN R

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

FUND OF SOIL SCIENC AGRON 154 3 CR.
 PREREQ: CHEM 163 2-4 HRS AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155, OR AGRON 156.
 1395015 1 M 12:10-1:00 MANU A
 T 10:00-10:50
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>
 1395020 2 M 12:10-1:00 MANU A
 T 11:00-11:50
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>
 1395025 3 M 12:10-1:00 MANU A
 T 12:10-1:00
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>
 1395030 4 M 12:10-1:00 MANU A
 W 9:00-9:50
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>
 1395035 5 M 4:10-5:00 MANU A
 R 10:00-10:50
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>
 1395040 6 M 4:10-5:00 MANU A
 R 11:00-11:50
 ARRANGED HASSELMAN E
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>
 1395045 7 M 4:10-5:00 MANU A
 R 1:10-2:00
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>
 1395050 8 M 4:10-5:00 MANU A
 R 2:10-3:00
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>
 1395055 9 M 4:10-5:00 MANU A
 W 12:10-1:00
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>

SOILS HORT SCIENTST AGRON 155 3 CR.
 PREREQ: CHEM 163, RESTRICTED TO STUDENTS IN HORT 2-4 HOURS AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS. COURSE RESTRICTED TO HORT MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155, OR AGRON 156.
 6154005 1 M 12:10-1:00 MANU A
 T 1:10-2:00
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>

SOILS HORT SCIENTST AGRON 155 3 CR.
 6154010 2 M 12:10-1:00 MANU A
 T 2:10-3:00
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>

SOILS FOR URBAN USE AGRON 156 3 CR.
 2-4 HOURS AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIOD. COURSE RESTRICTED TO DESIGN COLLEGE MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:
 AGRON 154, AGRON 155, OR AGRON 156.
 FIELD TRIPS & TRAVEL FEE \$5.00
 1396005 1 M 4:10-5:00 MANU A
 W 10:00-11:50
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>
 1396010 2 M 4:10-5:00 MANU A
 W 1:10-3:00
 ARRANGED MANU A
 SECTION INFO:
<http://www.agron.iastate.edu/soils/>

INTRO METEOROLOGY AGRON 206 3 CR.
 1397005 1 MWF 2:10-3:00 ARRITT R

AGRON CAREER PLANNG AGRON 210 1 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 1398005 T 3:10-4:00 BURRAS C

CROP GWRTH,PROD&MGT AGRON 212 4 CR.
 PREREQ: 114
 1399015 1 MWF 11:00-11:50
 T 10:00-11:50
 SECTION INFO:
<http://www.agron.iastate.edu/courses/agron212/default.htm>
 1399020 2 MWF 11:00-11:50
 T 12:10-2:00
 SECTION INFO:
<http://www.agron.iastate.edu/courses/agron212/default.htm>
 1399025 3 MWF 11:00-11:50
 W 2:10-4:00
 SECTION INFO:
<http://www.agron.iastate.edu/courses/agron212/default.htm>
 1399035 4 MWF 11:00-11:50
 R 12:10-2:00
 SECTION INFO:
<http://www.agron.iastate.edu/courses/agron212/default.htm>

SOILS&ENVIR QUALITY AGRON 260 3 CR.
 FIELD TRIPS & TRAVEL FEE \$10.00
 3973005 1 MWF 9:00-9:50

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

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

AGRONOMY

AGRONOMY

PROFESNL INTERNSHIP AGRON 311 1 CR.
 PREREQ: AGRON 110, MAJOR IN AGRONOMY, PERMISSION OF
 INSTRUCTOR BEFORE INTERNSHIP BEGINS
 8173005 R 3:10-4:00 WIEDENHOEFT M

CROP STRUC-FUNC REL AGRON 316 3 CR.
 PREREQ: BIOL 212 RECOMMENDED
 1406005 MWF 10:00-10:50 KNAPP A

PRIN OF WEED SCIENC AGRON 317 3 CR.
 PREREQ: BIOL 211 AND 212
 1405010 1 MWF 10:00-10:50 HARTZLER R

PRINCP WEED SCI LAB AGRON 317L 1 CR.
 PREREQ: ENROLLMENT IN 317
 2652005 R 2:10-5:00 HARTZLER R

GENET,AGRI&BIOTECHN AGRON 320 3 CR.
 PREREQ: BIOL 212
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL
 313/301 AND 313L/301L, GEN/AGRON 320
 1418005 TR 11:00-12:15 LEE M

BIORENEWABLE SYSTMS AGRON 325 3 CR.
 PREREQ: ECON 101, CHEM 155 OR HIGHER, MATH 140
 OR HIGHER
 3038005 A TR 2:10-3:30
 3038010 B TR 2:10-3:30
 SECTION B RESTRICTED TO AST MAJORS

ONLY
 3038605 XH ARRANGED BRUMM T
 SECT XH:AUG 24-DEC 18
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:

<http://www.aged.iastate.edu/computer.htm>
 3038600 XW ARRANGED BRUMM T
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$149.00 IN ADDITION

TO TUITION.
 FOR PERMISSION TO REGISTER CONTACT
 LORI YOUNGBERG AT 515-294-7656 OR LYOUNG@IASTATE.EDU
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
[HTTP://WWW.AGDE.IASTATE.EDU/COMPUTER.HTM](http://WWW.AGDE.IASTATE.EDU/COMPUTER.HTM)

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

SEED SCIENCE&TECHNL AGRON 338 3 CR.
 PREREQ: 114 OR HORT 221, BIOL 211/201
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$5.00-\$15.00
 1410005 1 TR 9:30-10:45 GOGGI S
 R 3:10-6:00PM GOGGI S

WORLD FOOD ISSUES AGRON 342 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 PROFESSIONAL SUPPORT FEE \$0.00-\$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1402005 1 MWF 11:00-11:50 FORD C
 SECTION 1 RESTRICTED TO AGRON, DIETA,
 DIETH, FS A, FS H, NS A, NS H, PDEXA, PDEXH MAJORS
 ONLY
 1402010 2 MWF 1:10-2:00 FORD C

WORLD FOOD ISSUES AGRON 342 3 CR.
 1402600 XW ARRANGED FORD C
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE \$99.00 IN ADDITION TO
 TUITION.

FOR PERMISSION TO ADD CONTACT LORI
 YOUNGBERG AT
 515-294-7656 OR EMAIL
 LYOUNG@IASTATE.EDU
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
<http://agde.iastate.edu/computer.htm>

TURFGRASS ESTAB&MGMT AGRON 351 3 CR.
 PREREQ: HORT 221 OR AGRON 114 OR BIOL 211
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1412005 MWF 9:00-9:50

TURFGR ESTB&MGMT LAB AGRON 351L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 351. THOSE
 ENROLLED IN HORT CURRICULUM ARE REQUIRED TO TAKE
 351L
 IN CONJUNCTION WITH 351 EXCEPT BY INSTR
 PERMISSION.
 FIELD TRIPS & TRAVEL FEE \$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1413005 A M 2:10-5:00
 1413010 B W 2:10-5:00

SOILS &PLANT GROWTH AGRON 354 3 CR.
 PREREQ: 154 AND BIOL 101 OR 212
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1414015 1 MWF 8:00-8:50 LOYNACHAN T
 SECTION INFO:
<http://www.public.iastate.edu/~teloynac/354o>

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

SITE CROP &SOIL MGT AGRON 356 4 CR.
 PREREQ: 114, 354
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9431005 1 MWF 8:00-8:50 POLITO T
 W 12:10-3:00 POLITO T

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

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

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

AGRONOMY

AGRONOMY

WATERSHED HYDROLOGY AGRON 402 4 CR.
 PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4722005 1 MWF 12:10-1:00
 R 3:10-6:00PM

WORLD CLIMATES AGRON 406 3 CR.
 PREREQ: 206
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1427005 MWF 10:00-10:50 ARRITT R

PRO DEVELP SR FORUM AGRON 410 1 CR.
 PREREQ: SENIOR CLASSIFICATION
 1428005 A T 2:10-3:00 LAMKEY K
 SECTION INFO:
<http://www.agron.iastate.edu/courses/agron410/index.asp>

INTRO PLANT BREEDNG AGRON 421 3 CR.
 PREREQ: GEN 320 OR BIOL 313
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1431005 1 TR 8:00-9:15 FEHR W

ISSUES SUSTAIN AGRI AGRON 450 3 CR.
 PROFESSIONAL SUPPORT FEE \$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 9430005 1 MWF 11:00-11:50 ZDORKOWSKI G
 9430010 2 MWF 2:10-3:00 ZDORKOWSKI G

GIS FOR GEOSCIENTST AGRON 452 3 CR.
 PREREQ: GEOL 100, 201 OR EQUIVALENT
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1425005 TR 9:00-9:50
 TR 10:00-10:50

ENVIR SOIL&WTR CHEM AGRON 459 4 CR.
 PREREQ: 354 OR ENSCI 360; CHEM 164, 165, OR 178; MATH 140. RECOMMEND CHEM 211 OR 231.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4370005 1 MWF 11:00-11:50 THOMPSON M
 T 3:10-6:00PM THOMPSON M

SOIL&ENVIR MICROBIO AGRON 485 3 CR.
 PREREQ: 154 OR 402, MICRO 201; MICRO 203
 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1437005 1 TR 1:10-2:00 LOYNACHAN T
 W 12:10-3:00 LOYNACHAN T
 1437010 2 TR 1:10-2:00 LOYNACHAN T
 W 3:10-6:00PM LOYNACHAN T

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

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

SEED SCI INTERNSHIP AGRON 491 1- 2 CR.
 PREREQ: 338, ADVANCED APPROVAL AND PARTICIPATION
 OF EMPLOYER AND INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1440005 1 ARRANGED KNAPP A
 1440010 2 ARRANGED MULLEN R
 1440015 3 ARRANGED

AGRONOMY WORKSHOP AGRON 493 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6804005 ARRANGED

AGROECOLOGY FLD CRS AGRON 497 3 CR.
 PREREQ: JR/SR CLASSIFICATN, 8 CREDITS IN AGRONOMY
 8311010 ARRANGED, JUL 31-OCT 2 WIEDENHOEFT M
 REQUIRED FIELD TRIP JULY 31-AUG 7

COOPERATIVE EDUCATN AGRON 498 R CR.
 PREREQ: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 1416005 ARRANGED

ORIENTATION SEMINAR AGRON 500 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: INTERNATNL AGRON GRAD STUDENTS ONLY
 1441005 1 F 4:10-6:00PM LOYNACHAN T

CROP GROWTH &DEVELP AGRON 501 3 CR.
 PREREQ: 114, MATH 140, CHEM 163, BIOL 101
 6438600 XW ARRANGED KNAPP A
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$150.00 IN ADDITION

TO TUITION.
 FOR PERMISSION TO ADD CONTACT JESSE
 DREW AT 515-204-2999 OR E-MAIL
 JDREW@IASTATE.EDU.

SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 CHEM,PHYS&BIOL SOIL AGRON 502 3 CR.
 PREREQ: 114, 154, BIOL 101, CHEM 163, & MATH 140
 6442600 XW ARRANGED DOBILL D
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$150.00 IN ADDITION

TO TUITION.
 FOR PERMISSION TO ADD CONTACT JESSE
 DREW AT 515-204-2999 OR E-MAIL
 JDREW@IASTATE.EDU.

SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

CLIMATE &CROP GRWTH AGRON 503 3 CR.
 PREREQ: 114 AND MATH 140
 CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 6453600 XW ARRANGED TAYLOR S
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$150.00 IN ADDITION

TO TUITION.
 FOR PERMISSION TO ADD CONTACT JESSE
 DREW AT 515-204-2999 OR E-MAIL
 JDREW@IASTATE.EDU.

SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

AGRONOMY

AGRONOMY

BIOPHYSCL CROP ECOL AGRON 508 3 CR.
 PREREQ: 505
 1443005 ARRANGED

AGROECOSYSTM ANALYS AGRON 509 4 CR.
 PREREQ: SENIOR OR ABOVE CLASSIFICATION
 PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$300.00
 7812005 1 ARRANGED
 SECT 1: DATES TO BE ANN.
 TWO-WEEK FIELD TRIP IN AUGUST. ONLY A FEW MTGS DURING FALL SEMESTER.

INTEG CROP&LVSTK SY AGRON 515 3 CR.
 PREREQ: 509
 PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$60.00
 2179005 TR 9:30-10:50

PRIN CULTIVAR DEVEL AGRON 521 3 CR.
 PREREQ: 421; STAT 401
 1447005 1 MW 9:00-10:15 FEHR W

CROP ECOLOGY & MGMT AGRON 531 3 CR.
 PREREQ: 501, 502, 503; RECOMMENDED: 512, 514
 2016600 XW ARRANGED SLEUGH B
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$150.00 IN ADDITION TO TUITION.
 FOR PERMISSION TO ADD CONTACT JESSE DREW AT 515-204-2999 OR E-MAIL JDREW@IASTATE.EDU.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

SOIL MANAGEMENT AGRON 532 3 CR.
 PREREQ: 501, 503, 512; RECOMMENDED: 513
 2027600 XW ARRANGED CRUSE R
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$150.00 IN ADDITION TO TUITION.
 FOR PERMISSION TO ADD CONTACT JESSE DREW AT 515-204-2999 OR E-MAIL JDREW@IASTATE.EDU.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

CROP PROTECTION AGRON 533 3 CR.
 PREREQ: 514
 2029600 XW ARRANGED CIHA A
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$150.00 IN ADDITION TO TUITION.
 FOR PERMISSION TO ADD CONTACT JESSE DREW AT 515-204-2999 OR E-MAIL JDREW@IASTATE.EDU.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

APPLD AG METEOROLGY AGRON 541 2- 3 CR.
 PREREQ: 206 OR UPPER DIVISION BIOLOGICAL SCIENCE CREDIT FOR EITHER AGRON 503 OR AGRON 541, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1454005 1 MW 1:10-2:30 TAYLOR S
 SECTION 1 OFFERED FOR 2 CREDITS
 1454010 2 MW 1:10-2:30 TAYLOR S
 ARRANGED
 SECTION 2 OFFERED FOR 3 CREDITS
 1454605 XV ARRANGED TAYLOR S
 SECT XV:AUG 24-DEC 18
 DELIVERY FEE OF \$73 IN ADDITION TO TUITION
 SECTION XV IS OFF CAMPUS.
 DELIVERY IS WWW

APPLD AG METEOROLGY AGRON 541 2- 3 CR.
 1454600 XW ARRANGED TAYLOR S
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$73 IN ADDITION TO TUITION
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

GIS FOR GEOSCIENTST AGRON 552 3 CR.
 PREREQ: GEOL 100, 201 OR EQUIVALENT
 1490005 TR 9:00-9:50
 TR 10:00-10:50

SOIL-PLANT RELATION AGRON 553 3 CR.
 PREREQ: 354
 1459005 MWF 9:00-9:50 KILLORN R

ADV SOIL MANAGEMENT AGRON 554 2 CR.
 PREREQ: 354; MATH 165
 1460005 MW 8:00-8:50 CRUSE R

ENVIR SOIL&WTR CHEM AGRON 559 4 CR.
 PREREQ: AGRON 354 OR ENSCI 360; CHEM 164, 165, OR 178; MATH 140. RECOMMEND CHEM 211 OR 231.
 4371010 1 MWF 11:00-11:50 THOMPSON M
 T 3:10-6:00PM THOMPSON M

POP&QUANT GEN BREED AGRON 561 4 CR.
 PREREQ: STAT 401
 6460005 TR 9:00-10:50

AG&VET RISK ASESMNT AGRON 570 3 CR.
 PREREQ: STAT 104 OR PERMISSION OF INSTRUCTORS
 8557005 TR 12:40-2:00 WOLT J

SOIL&ENVIR MICROBIO AGRON 585 3 CR.
 PREREQ: 154 OR 402, MICRO 201; RECOMMEND MICRO 203
 1466005 1 TR 1:10-2:00 LOYNACHAN T
 W 12:10-3:00 LOYNACHAN T
 1466010 2 TR 1:10-2:00 LOYNACHAN T
 W 3:10-6:00PM LOYNACHAN T

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

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

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

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

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

AGRONOMY

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

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

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

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

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

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

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

CREATV COMPON AGRON AGRON 599M VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 6508600 XA ARRANGED BRUS C
 SECT XA:AUG 24-DEC 18
 PERMISSION TO ADD CONTACT JESSE DREW
 AT
 515-294-2999 OR E-MAIL
 JDREW@IASTATE.EDU
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS INDEPENDENT STUDY

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

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

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

FOUND SUSTAINBLE AG AGRON 610 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 3264005 TR 11:00-12:20

FOOD,ENERGY IN IOWA AGRON 620X 4 CR.
 PREREQ: SUSAG 509 AND 610, PERMISSION OF
 INSTRUCTORS
 8862005 M 6:30-8:30PM
 ARRANGED

RESEARCH SEMINAR AGRON 696 1 CR.
 SATISFACTORY-FAIL ONLY.
 8829005 W 4:10-5:30

AGRONOMY

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

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

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

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

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

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

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

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

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

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

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

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

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

AIR FORCE AEROSPACE STUDIES

LEADERSHIP LAB I AFAS 101 1 CR.
 SATISFACTORY-FAIL ONLY.
 OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS
 DETERMINED
 BY THE AFAS PROFESSOR
 8729005 1 T 6:30-7:50
 A THURSDAY MTG WILL BE SUBSTITUTED
 THE FIRST WEEK
 TIMES LISTED ARE MORNING/A.M.

FOUND U S AIR FORCE AFAS 141 1 CR.
 1260005 A T 8:00-8:50 WENDELN B
 1260010 B W 1:10-2:00 WENDELN B

AIR FRC PHYS TRAINI AFAS 151 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT AS A CADET IN AN AFAS CLASS
 7736005 MWF 6:30-7:30
 TIMES LISTED ARE MORNING/A.M.

AIR FORCE AEROSPACE STUDIES

LEADERSHIP LAB II AFAS 201 1 CR.
 SATISFACTORY-FAIL ONLY.

OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS
 DETERMINED
 BY THE AFAS PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8731005 1 T 6:30-7:50
 A THURSDAY MTG WILL BE SUBSTITUTED
 THE FIRST WEEK
 TIMES LISTED ARE MORNING/A.M.

EVOL USAF AIR POWER AFAS 241 1 CR.
 1262005 A W 9:00-9:50
 1262010 B R 8:00-8:50

LEADERSHIP LAB III AFAS 301 1 CR.
 SATISFACTORY-FAIL ONLY.

OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS
 DETERMINED
 BY THE AFAS PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8733005 1 T 6:30-7:50
 A THURSDAY MTG WILL BE SUBSTITUTED
 THE FIRST WEEK
 TIMES LISTED ARE MORNING/A.M.

AIR F LEADERSHP STU AFAS 341 3 CR.
 PREREQ: 241 AND 201 OR INSTRUCTOR PERMISSION
 1264005 A TR 11:00-12:20
 1264010 B TR 2:10-3:30

LEADERSHIP LAB IV AFAS 401 1 CR.
 SATISFACTORY-FAIL ONLY.

OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS
 DETERMINED
 BY THE AFAS PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8735005 1 T 6:30-7:50
 A THURSDAY MTG WILL BE SUBSTITUTED
 THE FIRST WEEK
 TIMES LISTED ARE MORNING/A.M.

NATIONAL SECURITY AFAS 441 3 CR.
 PREREQ: 341 AND 301 OR INSTRUCTOR PERMISSION
 1266005 A TR 12:40-2:00

AMERICAN INDIAN STUDIES

INTR AM INDIAN STDI AM IN 210 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 1506005 A MWF 10:00-10:50
 1506010 B MWF 11:00-11:50
 1506015 C MWF 1:10-2:00
 1506020 D MWF 3:10-4:00

INTRO AM INDIAN LIT AM IN 240 3 CR.
 PREREQ: CREDIT IN OR EXEMPTION FROM ENGL 150
 MEETS U.S. DIVERSITY REQMT.
 5612005 A TR 9:30-10:50

AMERICAN INDIAN STUDIES

TOPICS AMERI INDIAN AM IN 310 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 9438005 A TR 12:40-2:00

ARCHAEOL OF N AMERI AM IN 315 3 CR.
 PREREQ: ANTHR 202 OR 308
 MEETS U.S. DIVERSITY REQMT.
 7276005 MWF 12:10-1:00

TOPCS NATIVE AM ARC AM IN 426 3 CR.
 NO MORE THAN 6 CREDITS OF ARCH/AM IN/DSN S 426
 MAY BE APPLIED TO THE ARCHITECTURE DEGREE PROGRAM
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$30.00-
 \$90.00
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1774005 1 T 7:00-10:00PM

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

ANIMAL ECOLOGY

ECOLOGY A ECL 312 4 CR.

PREREQ: BIOL 211L AND 212L
 1061005 1 TR 8:00-9:15
 M 12:10-3:00
 1061010 2 TR 8:00-9:15
 M 3:10-6:00PM
 1061015 3 TR 8:00-9:15
 T 9:25-12:15
 1061020 4 TR 8:00-9:15
 T 12:15-3:00
 1061025 5 TR 8:00-9:15
 T 3:10-6:00PM
 1061030 6 TR 8:00-9:15
 W 12:10-3:00
 1061040 7 TR 8:00-9:15
 W 3:10-6:00PM
 1061045 8 TR 8:00-9:15
 R 9:25-12:15
 1061050 9 TR 8:00-9:15
 R 12:15-3:00
 1061055 10 TR 8:00-9:15
 R 3:10-6:00PM

VERTEBRATE BIOLOGY A ECL 365 4 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: BIOL 212, 212L
 MATERIALS FEE \$15.00
 1062005 1 MWF 9:00-9:50
 T 10:00-11:50
 1062010 2 MWF 9:00-9:50
 T 12:10-2:00
 1062015 3 MWF 9:00-9:50
 T 3:10-5:00
 1062020 4 MWF 9:00-9:50
 W 10:00-11:50
 1062025 5 MWF 9:00-9:50
 W 1:10-3:00
 1062030 6 MWF 9:00-9:50
 W 3:10-5:00
 1062035 7 MWF 9:00-9:50
 R 10:00-11:50

ANIMAL ECOLOGY

ECOLOGICAL METHODS A ECL 371 3 CR.
 PREREQ: 312; STAT 101 OR 104
 MATERIALS FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1073005 1 MW 12:10-1:00
 T 9:00-11:50
 1073010 2 MW 12:10-1:00
 W 9:00-11:50

STREAM ECOLOGY A ECL 418 3 CR.
 PREREQ: 486
 FIELD TRIPS & TRAVEL FEE \$30.00
 2731005 TR 1:10-2:00
 T 2:10-5:00

FISHERY MANAGEMENT A ECL 440 3 CR.
 PREREQ: 312, 321; CREDIT OR ENROLLMENT IN 441 AND
 486; STAT 101 OR 104
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$40.00
 1076005 MW 9:00-9:50
 W 2:10-5:00

FISHERIES TECHNIQUES A ECL 441 3 CR.
 PREREQ: 321, STAT 104
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$50.00
 6022005 MW 10:00-10:50
 M 2:10-5:00

WILDLIFE ECOL &MGMT A ECL 451 3 CR.
 PREREQ: 371
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$35.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1081010 1 MW 10:00-10:50
 W 12:10-3:00
 1081015 2 MW 10:00-10:50
 R 12:10-3:00

HERPETOLOGY A ECL 457 3 CR.
 PREREQ: A ECL 365 OR BIOL 351
 2751005 1 MW 11:00-11:50
 T 2:10-5:00

AQUATIC ECOLOGY A ECL 486 3 CR.
 PREREQ: BIOL 312 OR ENSCI 381 OR 402 OR NREM 301
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1074005 TR 9:30-10:50

AQUATIC ECOLOGY LAB A ECL 486L 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 486
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1512005 1 T 12:10-3:00
 1512010 2 T 3:10-6:00PM

STREAM ECOLOGY A ECL 518 3 CR.
 PREREQ: 486
 FIELD TRIPS & TRAVEL FEE \$30.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8126005 TR 1:10-2:00
 T 2:10-5:00

ANIMAL ECOLOGY

FISHERY MANAGEMENT A ECL 540 3 CR.
 PREREQ: 312, 321; CREDIT OR ENROLLMENT IN 441
 AND 486; STAT 101 OR 104
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$40.00
 1101005 MW 9:00-9:50
 W 2:10-5:00

FISHERI TECHNIQUES A ECL 541 3 CR.
 PREREQ: 321, STAT 104
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$50.00
 6077005 MW 10:00-10:50
 M 2:10-5:00

QNT TCHNQ FIELD ECO A ECL 575X 3 CR.
 PREREQ: STAT 401
 8886005 TR 2:10-3:30

POPULATION ECOLOGY A ECL 589 3 CR.
 PREREQ: 312; STAT 101 OR 104; A CALCULUS COURSE;
 OR GRADUATE STANDING
 1087005 1 MW 12:10-1:00
 T 9:00-10:50

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

SEMINAR A ECL 600 1 CR.
 1107005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

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

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

ANIMAL SCIENCE

WORKNG WITH ANIMALS AN S 101 2 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
 1527005 1 R 3:40-5:00
 F 8:00-9:50
 1527010 2 R 3:40-5:00
 F 10:00-11:50
 1527015 3 R 3:40-5:00
 F 12:10-2:00
 1527020 4 R 3:40-5:00
 F 2:10-4:00

ORIENTATION IN AN S AN S 110 R CR.
 1518005 1 R 2:10-3:00
 SECTION 1 FOR AN S MAJORS
 1518015 2 R 2:10-3:00
 SECTION 2 FOR DY S MAJORS
 1518020 3 R 2:10-3:00
 SECTION 3 FOR AGRICULTURE PRE VET

MAJORS

ANIMAL SCIENCE

ANIMAL SCIENCE

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

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

DOMEST ANIM PHYSIOL AN S 214 3 CR.
PREREQ: BIOL 212/202, CHEM 163 OR 177
1521010 1 MWF 9:00-9:50

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

EQUINE SCIENCE AN S 216 3 CR.
PREREQ: 101 OR 114; ONE COURSE IN BIOLOGY
4825005 1 TR 9:00-9:50
M 10:00-11:50
4825010 2 TR 9:00-9:50
M 12:10-2:00

EQUINE FARM PRACTCM AN S 217 2 CR.
PREREQ: AN S MAJOR, AN S 115 OR RIDING EXPERIENC,
CREDIT OR ENROLLMENT IN AN S 216
1690005 1 T 11:00-12:15
R 11:00-12:15
INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SWINE SCIENCE AN S 225 3 CR.
PREREQ: 114, 101
SEC 1A,2A,ETC. RESTRICTED TO AN S, DY S MAJORS.
SEC 1B,2B,ETC. RESTRICTED TO MAJORS OTHER THAN AN

S,
DY S.
1725005 1A MF 10:00-10:50
W 8:00-9:50
1725010 1B MF 10:00-10:50
W 8:00-9:50
1725015 2A MF 10:00-10:50
W 10:00-11:50
1725020 2B MF 10:00-10:50
W 10:00-11:50
1725025 3A MF 10:00-10:50
W 12:10-2:00
1725030 3B MF 10:00-10:50
W 12:10-2:00
1725035 4A MF 10:00-10:50
W 2:10-4:00
1725040 4B MF 10:00-10:50
W 2:10-4:00

BEEF CATTLE SCIENCE AN S 226 3 CR.
PREREQ: 114, 101
SEC A1,B1,ETC. RESTRICTED TO AN S, DY S MAJORS.
SEC A2,B2,ETC. RESTRICTED TO MAJORS OTHER THAN AN

S,
DY S.
1726005 1A MW 9:00-9:50
R 8:00-9:50
1726010 1B MW 9:00-9:50
R 8:00-9:50

BEEF CATTLE SCIENCE AN S 226 3 CR.
1726015 2A MW 9:00-9:50
R 10:00-11:50
1726020 2B MW 9:00-9:50
R 10:00-11:50
1726025 3A MW 9:00-9:50
R 12:10-2:00
1726030 3B MW 9:00-9:50
R 12:10-2:00
1726035 4A MW 9:00-9:50
R 2:10-4:00
1726040 4B MW 9:00-9:50
R 2:10-4:00

DAIRY CATTLE SCIENC AN S 235 3 CR.
PREREQ: 101, 114
1523005 1 TR 1:10-2:00
W 8:00-9:50
1523010 2 TR 1:10-2:00
W 10:00-11:50
1523015 3 TR 1:10-2:00
W 12:10-2:00

FOODS ANIMAL ORIGIN AN S 270 3 CR.
PREREQ: BIOL 212/202, CHEM 163 OR 177
1524010 1 TR 8:00-8:50
W 10:00-11:50
1524015 2 TR 8:00-8:50
W 12:10-2:00
1524020 3 TR 8:00-8:50
W 2:10-4:00

LIVESTOCK EVALUATN AN S 305 3 CR.
PREREQ: JUNIOR CLASSIFICATION; 270 RECOMMENDED
1526005 A TR 2:10-5:00

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

TRAINING THE HORSE AN S 316 3 CR.
PREREQ: 115 OR ABILITY TO WALK, TROT AND CANTER
8928005 A MWF 2:10-4:00
INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

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

LIVSTCK FEED PRGM DS AN S 320 2 CR.
PREREQ: 319
1635005 1 MW 8:00-9:50

ANIMAL SCIENCE

ANIMAL SCIENCE

BIORENEWABLE SYSTMS AN S 325 3 CR.
 PREREQ: ECON 101, CHEM 155 OR HIGHER, MATH 140
 OR HIGHER
 4804005 A TR 2:10-3:30
 4804010 B TR 2:10-3:30
 SECTION B RESTRICTED TO AST MAJORS
 ONLY
 4804605 XH ARRANGED BRUMM T
 SECT XH:AUG 24-DEC 18
 FOR PERMISSION TO REGISTER CONTACT
 LORI
 YOUNGBERG AT 515-294-7656 OR
 LYOUNG@IASTATE.EDU
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
<http://www.aged.iastate.edu/computer.htm>
 4804600 XW ARRANGED BRUMM T
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$149.00 IN ADDITION
 TO TUITION.
 FOR PERMISSION TO REGISTER CONTACT
 LORI
 YOUNGBERG AT 515-294-7656 OR
 LYOUNG@IASTATE.EDU
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
<HTTP://WWW.AGDE.IASTATE.EDU/COMPUTER.HTM>
 DOMSTC ANIM REPRODU AN S 331 3 CR.
 PREREQ: COURSE IN PHYSIOLOGY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1531005 MWF 1:10-2:00
 ANIM REPROD LAB MTH AN S 332 2 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 331
 1532005 1 MW 2:10-4:00
 1532010 2 TR 2:10-4:00
 EMBRYO TRANSFER&TCH AN S 333 2 CR.
 PREREQ: 331 OR 332
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4617005 1 TR 1:10-2:00
 EMBRYO TRANSFER LAB AN S 334 1 CR.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 333;
 332 OR VDPAM 416; PERMISSION OF INSTRUCTOR
 MATERIALS FEE \$0.00-\$400.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5088005 1 F 9:00-11:50
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 DOMESTC ANIM BEHAVR AN S 336 3 CR.
 PREREQ: ONE COURSE IN PHYSIOLOGY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
 1938005 1 TR 9:00-9:50
 W 8:00-9:50
 1938010 2 TR 9:00-9:50
 W 10:00-11:50
 GENET IMPRV DOM ANI AN S 352 3 CR.
 PREREQ: ONE COURSE IN STATISTICS, BIOL 211/201,
 COURSE IN GENETICS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1534010 1 MW 10:00-10:50
 T 8:00-9:50
 1534015 2 MW 10:00-10:50
 T 10:00-11:50
 1534005 3 MW 10:00-10:50
 T 12:10-2:00

FRESH MEATS AN S 360 3 CR.
 PREREQ: 270; COURSE IN ORGANIC OR BIOCHEMISTRY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1536010 1 TR 1:10-2:00
 R 8:00-9:50
 ANIM SCI INTERNSHIP AN S 399A 2- 6 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 1538005 ARRANGED
 SUPERV'D INTERNSHIP AN S 399B R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INTERNSHIP COORDINATOR
 2258005 ARRANGED
 ISSUES ANIMAL SCIEN AN S 411 1 CR.
 PREREQ: SENIOR CLASSIFICATION IN AN S
 1713005 1 T 4:10-6:00PM
 ADV ANIML NUTRITION AN S 419 2 CR.
 PREREQ: 214, 319
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1756005 A TR 3:10-4:00
 SWINE SYSTEMS MGMT AN S 425 3 CR.
 PREREQ: 225; 270; 319; 331; 352; ECON 330 OR
 EQUIVALENT RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1549005 1 MF 1:10-2:00
 W 12:10-2:00
 BF CATTLE SYSTS MGT AN S 426 3 CR.
 PREREQ: 226; 270; 319; 331; 352; ECON 330 OR
 EQUIVALENT RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1550010 1 MW 3:10-4:00
 R 12:10-2:00
 DAIRY SYSTEMS MGMT AN S 434 3 CR.
 PREREQ: 235, 319, 331, 337, 352; ECON 330 OR
 EQUIVALENT RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1552005 MW 8:00-8:50
 T 8:00-9:50
 JUDGING MEAT ANIMAL AN S 475A 1- 2 CR.
 PREREQ: ADMISSION BY INVITATION
 NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 1556005 ARRANGED
 JUDGNG DAIRY CATTLE AN S 475B 1- 2 CR.
 PREREQ: ADMISSION BY INVITATION
 NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 1557005 ARRANGED
 JUDGING MEATS AN S 475C 1- 2 CR.
 PREREQ: ADMISSION BY INVITATION
 NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 1558005 1 ARRANGED
 1558010 2 R 2:10-5:00
 SECTION 2: NOVICE. OFFERED FOR 1
 CREDIT ONLY.

ANIMAL SCIENCE

ANIMAL SCIENCE

JUDGING HORSES AN S 475E 1- 2 CR.
 PREREQ: ADMISSION BY INVITATION
 NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 4470005 1 F 12:10-2:00

BEEF INDU LDR FELLW AN S 480A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 226, INSTRUCTOR PERMISSION
 8710005 1 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PORK INDU LDR FELLW AN S 480C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 225, INSTRUCTOR PERMISSION
 4509005 ARRANGED

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

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

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

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

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

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

AG TRAVEL CRSE PREP AN S 495 R CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1539010 NZ ARRANGED

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

UNIX&SAS BIOL RSRCH AN S 500A 1 CR.
 1566005 TR 11:00-11:50
 W 4:10-5:00, 1ST HALF

SURVEY ANIM DISCIPL AN S 501 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: REQUIRED FOR ANIMAL SCIENCE GRAD STUDENTS
 1678005 1 M 1:10-2:00

SEMINAR AN PRODUCTN AN S 503 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1567005 W 12:10-1:00

INTEG CROP&LVSTK SY AN S 515 3 CR.
 PREREQ: SUSAG 509
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$60.00
 2263005 TR 9:30-10:50

TOP FARM AN STRESSR AN S 537D 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR; M.S. OR PH.D.
 STUDENT
 2459600 XW ARRANGED BUTTERS-
 JOHNSON

SECT XW:AUG 24-DEC 18
 DELIVERY FEE \$99.00 IN ADDITION TO
 TUITION.
 FOR PERMISSION TO REGISTER CONTACT
 ANNA BUTTERS-
 JOHNSON AT 515-294-2098 OR
 JOHNSONA@IASTATE.EDU.
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

ADV VERTB PHYSIOL I AN S 549 3 CR.
 PREREQ: BIOL 335, CREDIT OR ENROLLMENT IN
 BBMB 420 OR 404
 7196005 MWF 9:00-9:50

POP&QUANT GEN BREED AN S 561 4 CR.
 PREREQ: STAT 401
 6459005 TR 9:00-10:50

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

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

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

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

ANIMAL SCIENCE

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SEMNR ANIMAL REPROD AN S 633 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1596005 ARRANGED

ANIMAL SCIENCE

BEEF&DAIRY BREEDING AN S 653B 2 CR.
 PREREQ: 561 RECOMMENDED
 2526005 1 ARRANGED

COMPUT&PREDCT BREED AN S 655A 2 CR.
 PREREQ: 500, 562, COM S 207
 6386005 1 ARRANGED

COMPUTN&GENET ESTIM AN S 655B 2 CR.
 PREREQ: 500, 562, COM S 207
 6393005 1 ARRANGED

SEM AN BREEDG&GENET AN S 658 1 CR.
 7083005 T 2:10-3:00

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

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

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

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

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

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

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

ANTHROPOLOGY

INTRO CULTURL ANTHR ANTHR 201 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.

| | | | |
|---------|----|---------------|-----------|
| 1615005 | 1 | MW 9:00-9:50 | VIATORI M |
| | | M 10:00-10:50 | VIATORI M |
| 1615010 | 2 | MW 9:00-9:50 | VIATORI M |
| | | M 11:00-11:50 | VIATORI M |
| 1615015 | 3 | MW 9:00-9:50 | VIATORI M |
| | | M 12:10-1:00 | VIATORI M |
| 1615020 | 4 | MW 9:00-9:50 | VIATORI M |
| | | M 1:10-2:00 | VIATORI M |
| 1615025 | 5 | MW 9:00-9:50 | VIATORI M |
| | | M 2:10-3:00 | VIATORI M |
| 1615030 | 6 | MW 9:00-9:50 | VIATORI M |
| | | M 3:10-4:00 | VIATORI M |
| 1615035 | 7 | MW 9:00-9:50 | VIATORI M |
| | | M 4:10-5:00 | VIATORI M |
| 1615040 | 8 | MW 9:00-9:50 | VIATORI M |
| | | T 8:00-8:50 | VIATORI M |
| 1615045 | 9 | MW 9:00-9:50 | VIATORI M |
| | | T 9:00-9:50 | VIATORI M |
| 1615050 | 10 | MW 9:00-9:50 | VIATORI M |
| | | T 10:00-10:50 | VIATORI M |
| 1615055 | 11 | MW 9:00-9:50 | VIATORI M |
| | | T 11:00-11:50 | VIATORI M |
| 1615060 | 12 | MW 9:00-9:50 | VIATORI M |
| | | T 12:10-1:00 | VIATORI M |
| 1615065 | 13 | MW 9:00-9:50 | VIATORI M |
| | | T 1:10-2:00 | VIATORI M |

ANTHROPOLOGY

ANTHROPOLOGY

INTRO CULTURL ANTHR ANTHR 201 3 CR.
 1615070 14 MW 9:00-9:50 VIATORI M
 T 2:10-3:00 VIATORI M
 1615075 15 MW 9:00-9:50 VIATORI M
 T 3:10-4:00 VIATORI M

INTR BIOL AN&ARCHEO ANTHR 202 3 CR.
 1616005 1 MW 1:10-2:00 FOLINSBEE K
 R 9:00-9:50 FOLINSBEE K
 1616010 2 MW 1:10-2:00 FOLINSBEE K
 R 10:00-10:50 FOLINSBEE K
 1616015 3 MW 1:10-2:00 FOLINSBEE K
 R 11:00-11:50 FOLINSBEE K
 1616020 4 MW 1:10-2:00 FOLINSBEE K
 R 12:10-1:00 FOLINSBEE K
 1616025 5 MW 1:10-2:00 FOLINSBEE K
 R 1:10-2:00 FOLINSBEE K
 1616030 6 MW 1:10-2:00 FOLINSBEE K
 R 2:10-3:00 FOLINSBEE K
 1616035 7 TR 9:30-10:50 COINMAN N

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

ARCHAEOLOGY ANTHR 308 3 CR.
 PREREQ: 202
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1619005 1 MW 10:00-10:50 HILL M
 F 8:00-9:50
 1619010 2 MW 10:00-10:50 HILL M
 F 10:00-11:50 HILL M
 1619015 3 MW 10:00-10:50 HILL M
 F 1:10-3:00 HILL M

LINGUISTIC ANTHROPO ANTHR 309 3 CR.
 PREREQ: 201
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1620005 1 TR 3:40-4:30 VIATORI M
 W 8:00-9:50 VIATORI M
 1620010 2 TR 3:40-4:30 VIATORI M
 W 10:00-11:50 VIATORI M
 1620015 3 TR 3:40-4:30 VIATORI M
 W 1:10-3:00 VIATORI M
 1620020 4 TR 3:40-4:30 VIATORI M
 W 3:10-5:00 VIATORI M

ARCHAEOLOG OF N AMERI ANTHR 315 3 CR.
 PREREQ: 308
 MEETS U.S. DIVERSITY REQMT.
 1636005 MWF 12:10-1:00 HILL M

SKELETAL BIOLOGY ANTHR 319 3 CR.
 PREREQ: 307 OR COLLEGE LEVEL BIOL REQUIRED
 2754005 1 MW 11:00-11:50 FOLINSBEE K
 T 4:10-6:00PM FOLINSBEE K
 2754010 2 MW 11:00-11:50 FOLINSBEE K
 R 4:10-6:00PM FOLINSBEE K

CULTURE MIDDLE EAST ANTHR 335 3 CR.
 PREREQ: 201 OR 306 RECOMMENDED
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7385005 TR 9:30-10:50

SOUTHWEST ARCHAEOLOG ANTHR 414 3 CR.
 PREREQ: 308 OR 315 OR 321
 1632005 TR 2:10-3:30 COINMAN N

INTERNSHIP ARCHAEOLOG ANTHR 434A 2- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JUNIOR OR SENIOR STANDING
 NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
 MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR
 434
 MAY BE USED TO SATISFY ANTHR CORE COURSE
 REQUIREMENTS
 FOR THE MAJOR OR FOR THE ANTHR MINOR.
 7718001 ARRANGED

SEX&GENDER X-CULTUR ANTHR 444 3 CR.
 PREREQ: 201; 306 RECOMMENDED
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7703005 MWF 2:10-3:00 MOUTSATSOS C

HISTORIC&THEORETICL ANTHR 450 3 CR.
 PREREQ: 306
 6249005 MWF 9:00-9:50 ILAHIANE H

PRACTICUM ARCHAEOLOG ANTHR 451A 1- 3 CR.
 PREREQ: 201 OR 202 OR 308
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4780015 MH ARRANGED
 4780010 NC ARRANGED

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

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

PRACTICUM LINGUIST A ANTHR 451D 1- 3 CR.
 PREREQ: 201 OR 202 OR 308
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1167005 MV ARRANGED

BIOL ANTH:POP CONSV ANTHR 482C 3 CR.
 PREREQ: 307
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7694005 TR 9:30-10:50

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

ANTHROPOLOGY

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

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

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

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

BIOLOGICAL ANTHROPO ANTHR 503 3 CR.
 PREREQ: 307
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1646005 W 5:10-8:00PM PRUETZ J

SOUTHWEST ARCHAEOLO ANTHR 514 3 CR.
 PREREQ: 308 OR 315 OR 321
 1655005 TR 2:10-3:30 COINMAN N

ARCHAEOLO OF N AMERI ANTHR 515 3 CR.
 PREREQ: 202 OR 308
 7527005 MWF 12:10-1:00 HILL M

SKELTAL BIOLOGY ANTHR 519 3 CR.
 PREREQ: 307 OR COLLEGE LEVEL BIOLOGY RECOMMENDED
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 2760005 1 MW 11:00-11:50 FOLINSBEE K
 T 4:10-6:00PM FOLINSBEE K
 2760010 2 MW 11:00-11:50 FOLINSBEE K
 R 4:10-6:00PM FOLINSBEE K

CULTURE MIDDLE EAST ANTHR 535 3 CR.
 PREREQ: 201 OR 306 RECOMMENDED
 7386005 TR 9:30-10:50

ANTHROPOLOGY

SEX&GENDER X-CULTUR ANTHR 544 3 CR.
 PREREQ: 201; 306 RECOMMENDED
 7704005 MWF 2:10-3:00 MOUTSATSOS C

BIOL ANTH:POP CONSV ANTHR 582C 3 CR.
 PREREQ: 307
 7723005 TR 9:30-10:50

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

ANTHROPOLOGY ORIENT ANTHR 591 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADMISSION TO THE ANTHROPOLOGY GRADUATE
 PROGRAM
 COURSE RESTRICTED TO ANTHR GRAD MAJORS ONLY
 8044005 A M 5:10-7:00PM
 SECT A:1ST HALF

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

APPAREL, ED STUDIES, & HOSPITALITY MGMT

PRO DEVEL FOR AESHM AESHM 111 3 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
 5099005 1 M 8:00-8:50, ARRANGED
 W 10:00-11:50
 5099010 2 M 8:00-8:50, ARRANGED
 W 10:00-11:50
 5099015 3 M 8:00-8:50, ARRANGED
 W 8:00-9:50
 SECTION 3 RESTRICTED TO AMDP

SOPHOMORES ONLY
 5099020 4 M 8:00-8:50, ARRANGED
 W 10:00-11:50
 5099025 5 M 8:00-8:50, ARRANGED
 F 8:00-9:50
 5099030 6 M 8:00-8:50, ARRANGED
 F 10:00-11:50

P R & EVENT MGMT I AESHM 271 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR. COURSE MUST
 BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN
 BE REPEATED FOR 1 CREDIT.
 COURSE MUST BE TAKEN FOR 3 CREDITS FIRST TIME,
 CAN BE REPEATED FOR 1 CREDIT. ONLY OFFERED FOR
 3 CREDITS FALL 2009.
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$65.00
 4556005 1 W 6:00-9:00PM

MERCHANDISING AESHM 275 3 CR.
 PREREQ: 3 CREDITS IN MATH
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$20.00-\$40.00
 2853005 1A MWF 1:10-2:00
 SECTION 1A RESTRICTED TO T C, AMDP

MAJORS ONLY
 2853010 1B MWF 1:10-2:00
 SEC 1B RESTRICTED TO HRI MAJORS ONLY
 2853015 1C MWF 1:10-2:00
 SEC 1C RESTRICTED TO MAJORS OTHER

THAN T C, AMDP, HRI

APPAREL, ED STUDIES, & HOSPITALITY MGMT

PRIN MGMT HUMAN SCI AESHM 287 3 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
 4608005 1A MWF 11:00-11:50
 SECTION 1A RESTRICTED TO HRI MAJORS

ONLY
 4608010 1B MWF 11:00-11:50
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN HRI

SEM CAREERS&INTERNS AESHM 311 1 CR.
 PREREQ: SOPHOMORE CLASSIFICATION, GOOD ACADEMIC
 STANDING
 FIELD TRIPS & TRAVEL FEE \$40.00-\$60.00
 2920005 1 T 4:10-6:00PM
 SECT 1:1ST HALF
 SECTION 1 RESTRICTED TO T C, AMDP

MAJORS ONLY
 2920010 2 T 4:10-6:00PM
 SECT 2:1ST HALF
 SECTION 2 RESTRICTED TO HRI MAJORS

ONLY

HSPTY&APPARL MARKTG AESHM 340 3 CR.
 PREREQ: ECON 101
 2921005 1A TR 3:40-5:00
 SECTION 1A RESTRICTED TO HRI MAJORS

ONLY
 2921010 1B TR 3:40-5:00
 SEC 1B RESTRICTED TO AMDP, T C MAJORS

ONLY
 2921015 1C TR 3:40-5:00
 SEC 1C RESTRICTED TO MAJORS OTHER
 THAN AMDP,
 HRI, T C

AESTHETC OF EVERYDY AESHM 342 3 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
 MEETS U.S. DIVERSITY REQMT.

4609005 1A MWF 2:10-3:00
 SECTION 1A RESTRICTED TO FCEDS, HRI

MAJORS ONLY
 4609010 1B MWF 2:10-3:00
 SECTION 1B RESTRICTED TO AMDP, T C

MAJORS ONLY
 4609015 1C MWF 2:10-3:00
 SECTION 1C RESTRICTED TO MAJORS OTHER
 THAN
 AMDP, FCEDS, HRI, T C

COMMUNITY LEADERSHP AESHM 379 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 4610005 MWF 3:10-4:00

P R & EVENT MGMT II AESHM 471 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR. COURSE MUST
 BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN
 BE REPEATED FOR 1 CREDIT.
 COURSE MUST BE TAKEN FOR 3 CREDITS FIRST TIME,
 CAN BE REPEATED FOR 1 CREDIT. ONLY OFFERED FOR
 3 CREDITS FALL 2009.
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$65.00
 4612005 1 W 6:00-9:00PM

MLTI-CHANNL RETAILI AESHM 477 3 CR.
 PREREQ: 3 CREDITS IN MARKETING OR AESHM 275
 OR 287
 4776005 1 ARRANGED
 DELIVERY IS WWW

E-COMMRC APPARL&HSP AESHM 577 3 CR.
 PREREQ: COURSE IN MARKETING OR INSTRUCTOR PERMISN
 4904005 1 MW 2:10-3:30

ARABIC

ELEMENTARY ARABIC I ARABC 101 4 CR.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 7437005 1 MTWR 9:00-9:50
 7437010 2 MTWR 10:00-10:50

ARCHITECTURE

ARCHITCTRL DESIGN I ARCH 201 6 CR.
 PREREQ: COMPLETION OF THE PREPROFESSIONAL
 PROGRAM & ADMISSION INTO PROFESSIONAL PROGRAM
 COURSE RESTRICTED TO ARC MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$50.00-\$200.00
 1673005 1 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50

HIST WESTERN ARCH I ARCH 221 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1675005 1 MW 9:00-9:50
 F 9:00-9:50
 1675010 2 MW 9:00-9:50
 F 9:00-9:50
 1675015 3 MW 9:00-9:50
 F 9:00-9:50
 1675020 4 MW 9:00-9:50
 F 9:00-9:50
 1675025 5 MW 9:00-9:50
 F 10:00-10:50
 1675030 6 MW 9:00-9:50
 F 10:00-10:50
 1675035 7 MW 9:00-9:50
 F 10:00-10:50
 1675040 8 MW 9:00-9:50
 F 10:00-10:50

DSGN COMMUNICATNS I ARCH 230 3 CR.
 PREREQ: ADMISSION TO THE PROFESSIONAL PROGRAM
 COURSE RESTRICTED TO ARC MAJORS ONLY
 8980005 A TR 12:40-2:00
 TR 2:10-3:25

MTRLS&ASSEMBLIES I ARCH 240 3 CR.
 PREREQ: COMPLETION OF THE PREPROFESSIONAL PROGRAM
 AND ADMISSION INTO THE PROFESSIONAL PROGRAM
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$5.00-\$15.00
 9439005 1 TR 9:30-10:50

HUM BEHAV&ENVIR THY ARCH 271 3 CR.
 PREREQ: COMPLETION OF THE PREPROFESSIONAL
 PROGRAM & ADMISSION INTO THE PROFESSIONAL PROGRAM
 1679005 1 TR 3:40-5:00

ARCHITEC DESIGN III ARCH 301 6 CR.
 PREREQ: 202
 COURSE RESTRICTED TO ARC MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$25.00-\$500.00
 1681005 1 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50

ARCHITECTURE

PRACTICAL EXPERIENC ARCH 310 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 2544005 1 ARRANGED

COMPUTER APPLICATNS ARCH 334 3 CR.
 PREREQ: 201, 230
 1685005 1 TR 3:40-5:00

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

ARCH STRUCTURES II ARCH 344 3 CR.
 PREREQ: 242
 2272005 1 TR 8:00-9:20

ARCHITECTU DESIGN V ARCH 401 6 CR.
 PREREQ: 302
 COURSE RESTRICTED TO ARC, ARCH MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$25.00-\$750.00
 1691005 1 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50

ARCHITEC DESIGN VII ARCH 403 6 CR.
 PREREQ: 402
 COURSE RESTRICTED TO ARC, ARCH MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$40.00-\$750.00
 1693005 1 MW 1:10-5:20
 F 1:10-3:50
 F 4:10-5:20

HIST AMERICAN ARCH ARCH 420 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF ARCH 420 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8270005 1 MWF 11:00-11:50
 SECTION 1 TOPIC: LATIN AMERICAN

URBANISM

TOPICS MEDIEVAL ARC ARCH 422 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF ARCH 422 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1696005 MWF 11:00-11:50

TOPCS NATIVE AM ARC ARCH 426 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF ARCH/AM IN/DSN S 426
 MAY BE APPLIED TO THE ARCHITECTURE DEGREE PROGRAM
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$30.00-
 \$90.00
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1295005 1 T 7:00-10:00PM

ARCHITECTURE

HIST&THRY CHINESE A ARCH 427 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1701005 1 MWF 9:00-9:50

CMPTR ARC&ENV DSIGN ARCH 434 3 CR.
 PREREQ: 334
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1705005 1 TR 11:00-12:20

ARCHITC PHOTOGRAPHY ARCH 437 3 CR.
 PREREQ: 202
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1706005 1 T 7:00-10:00PM

ENVIRO CONTROL SYST ARCH 458 3 CR.
 PREREQ: 357
 FIELD TRIPS & TRAVEL FEE \$2.00-\$15.00
 1934005 1 TR 2:10-3:30

PROFESSNAL PRACTICE ARCH 482 3 CR.
 PREREQ: 202
 1712005 1 MWF 10:00-10:50

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

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

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

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

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

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

ARCHITECTURE

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

ARCHITECTU DESIGN I ARCH 505 5 CR.
 PREREQ: ADMISSION TO THE M.ARCH. PROGRAM.
 CONCURRENT ENROLLMENT REQUIRED IN 595 AND 541.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$50.00-\$600.00
 7757005 1 MW 1:10-5:20

HIST,THY CHINESE AR ARCH 527 3 CR.
 PREREQ: SENIOR OR GRAD CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1724005 1 MWF 9:00-9:50

TOP STDI ARCH&CULTR ARCH 528A 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 FIELD TRIPS & TRAVEL FEE \$5.00-\$820.00
 1731005 1 T 6:30-9:00PM
 SECTION 1 TOPIC: FLW AND THE PRAIRIE

SCHOOL
 1731010 2 TR 9:30-10:50
 SECTION 2 TOPIC: HISTORIC

PRESERVATION
 1731015 3 TR 9:30-10:50
 SECTION 3 TOPIC - CRAFT AND CRAFTY:

RELATIONSHIP
 BETWEEN CREATIVITY AND MISCHIEF
 1731020 4 MWF 9:00-9:50
 SECTION 4 TOPIC - ITALIAN ART AND

ARCHITECTURE:
 ROME, FLORENCE & VENICE
 1731025 5 TR 12:40-2:00
 SECTION 5 TOPIC: LANDSCAPE URBANISM

TOPCL STDI TECHNOLG ARCH 528B 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 FIELD TRIPS & TRAVEL FEE \$5.00-\$250.00
 1304005 1 TR 5:10-6:30PM
 SECTION 1 TOPIC: ADVANCED COMPUTER

LIGHTING
 AND RENDERING

TOPCL STDI CMMUNCAT ARCH 528C 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 FIELD TRIPS & TRAVEL FEE \$5.00-\$250.00
 1326005 1 W 6:00-9:00PM
 SEC 1 TOPIC - SOLAR DECATHLON:

LEADERSHIP SEMINAR

TOPCL STDI DESIGN ARCH 528D 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009.
 FIELD TRIPS & TRAVEL FEE \$5.00-\$250.00
 1329005 1 T 7:00-10:00PM
 SECTION 1 TOPIC: COLLAGE. RESTRICTED

TO COLLEGE
 OF DESIGN MAJORS.

ARCHITECTURE

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

SCI&TECH FOR ARCH I ARCH 541 5 CR.
 PREREQ: ADMISSION TO THE M.ARCH I PROGRAM.
 CONCURRENT ENROLLMENT REQUIRED IN 505 AND 595.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$50.00-\$200.00
 7739005 1 TR 2:10-3:40
 F 9:30-11:50

SUSTAINBT&GREEN ARC ARCH 558 3 CR.
 PREREQ: GRADUATE STANDING
 1747005 1 R 7:00-9:40PM

DSGN FOR ALL PEOPLE ARCH 571 3 CR.
 PREREQ: SR CLASSIFICATION OR GRADUATE STANDING
 MEETS U.S. DIVERSITY REQMT.
 4714005 1 TR 11:00-12:30

PROFESSNAL PRACTICE ARCH 582 3 CR.
 PREREQ: GRADUATE STANDING
 1755005 1 MWF 10:00-10:50

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

SEMNR BUILT ENVIR I ARCH 595 5 CR.
 PREREQ: ADMISSION TO THE M.ARCH I PROGRAM.
 CONCURRENT ENROLLMENT REQUIRED IN 505 AND 541.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$50.00-\$300.00
 7773005 1 T 10:30-1:10
 R 10:30-12:00

ARCH&LANDSCP DESIGN ARCH 601 6 CR.
 PREREQ: 507; 542; 596. CONCURRENT ENROLLMENT
 IN 643.
 COURSE RESTRICTED TO ARCH MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$125.00-\$500.00
 1759005 1 F 1:10-2:50
 MW 1:10-5:20

COMPREHENSIV DESIGN ARCH 603 6 CR.
 PREREQ: 601
 COURSE RESTRICTED TO ARCH MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$50.00-\$750.00
 1761005 1 F 1:10-2:50
 MW 1:10-5:20

SCI&TEC FOR ARC III ARCH 643 3 CR.
 PREREQ: 507,542,596,581 OR GRADUATE STANDING.
 CONCURRENT ENROLLMENT IN 601.
 1722005 1 MW 11:00-11:50
 F 10:30-11:50

ARCHITECTURE

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

GRADUATE SEMINAR ARCH 698 R CR.
 PREREQ: GRADUATE STANDING
 1749005 1 F 3:10-5:20

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

ART & DESIGN

DRAWING II ART 230 3 CR.
 PREREQ: DSN S 131
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1779005 1 MWF 12:10-2:00
 SECTION 1 RESTRICTED TO ARTFA, ARTIS

MAJORS
 1779010 2 TR 2:10-5:00
 SECTION 2 RESTRICTED TO ARTDN, ARTGR,
 ARTID, BPM I, PBPMI MAJORS
 1779015 3 MWF 10:00-11:50
 SECTION 3 RESTRICTED TO ARTDN, ARTGR,
 ARTID, BPM I, PBPMI MAJORS
 1779020 4 MWF 12:10-2:00
 SECTION 4 RESTRICTED TO ARTDN, ARTGR,
 ARTID, BPM I, PBPMI MAJORS

ART HIST IN EUROPE ART 495N 3 CR.
 PREREQ: 494, PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO ARTDN, ARTFA, ARTGR, ARTID,
 ARTIS MAJORS
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7552800 IT ARRANGED SCHNEIDER P
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.

'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD
 EXPERIENCE.

ART&DSGN FIELD STDY ART 496 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN AN ART & DESIGN STUDIO
 OR ART HISTORY COURSE, PERMISSION OF INSTRUCTOR
 5630800 IT ARRANGED SCHNEIDER P
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.

'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD
 EXPERIENCE.

STUDIO INTERNSHIP ART 497 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCED CLASSIFICATION IN A DEPT CURR,
 WRITTEN APPROVAL OF SUPERVISING INSTR AND DEPT
 CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9444005 RB ARRANGED
 9444010 SH ARRANGED

ART & DESIGN

INTRNSHP MUSEUM/GAL ART 498 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCED CLASSIFICATION IN A DEPT CURR,
 WRITTEN APPROVAL OF SUPERVISING INSTR ON REQUIRED
 FORM IN ADVANCE OF SEM OF ENROLLMENT
 7821005 JC ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ART HIST IN EUROPE ART 595N 3 CR.
 PREREQ: GRAD CLASSIF, 494 OR EQUIV, INSTR PERMSSN
 7560800 IT ARRANGED SCHNEIDER P
 SECT IT:SEPT 3-DEC 18

MUSEUM/GALLRY INTRN ART 598 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRAD CLASSIFICATION & INSTRUCTOR PERMISN
 WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 FOR GRADUATE STUDENTS IN ART
 9445020 BJ ARRANGED
 9445005 JC ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDIO INTERNSHIP ART 697 VAR. CR.
 PREREQ: GRAD CLASSIF & APPROVAL OF POS COMMITTEE
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8371010 SH ARRANGED

THESIS RESEARCH ART 699A VAR. CR.
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 1949005 1 ARRANGED

THESIS RES--EXHIBIT ART 699B VAR. CR.
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 1950005 1 ARRANGED

ART EDUCATION

INTRO TO ART EDUC ARTED 211 3 CR.
 MATERIALS FEE \$15.00
 1773005 A1 TR 11:00-1:50
 SECTION A1 RESTRICTED TO ART MAJORS
 1773010 A2 TR 11:00-1:50
 SECTION A2 RESTRICTED TO EL ED, ECE
 MAJORS

ART HISTORY

HISTORY OF ART I ART H 280 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1790005 A1 TR 12:40-2:00
 SECTION A1 RESTRICTED TO ART, ARTDN,
 ARTFA,
 ARTGR, ARTID, ARTIS, DSGN, DSGNS
 MAJORS
 1790010 A2 TR 12:40-2:00

HONORS ART HISTRY I ART H 280H 4 CR.
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 6392005 TR 12:40-2:00
 T 3:10-4:00

ART HISTORY

ART OF ISLAM ART H 384 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2613005 TR 4:10-5:30

MOD&CNTM ART&THRY I ART H 488 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1831005 A TR 11:00-12:20

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

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

HIST OF PHOTOGRAPHY ART H 496 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8166005 A MWF 12:10-1:00

TOPICS IN ART HIST ART H 498 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1738005 1 MWF 9:00-9:50
 SECTION 1 TOPIC - SEQUENTIAL ART:

COMIC STRIPS, BOOKS AND GRAPHIC NOVELS
 1738010 2 MWF 9:00-9:50
 SECTION 2 TOPIC: FINE ART CERAMICS
 AND PORCELAIN IN EUROPE AND AMERICA

MOD&CNTM ART&THRY I ART H 588 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1930005 A TR 11:00-12:20

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

HIST OF PHOTOGRAPHY ART H 596 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 8234005 A MWF 12:10-1:00

ART HISTORY

TOPICS IN ART HIST ART H 598 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTR PERMISSION
 RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 1792005 1 MWF 9:00-9:50
 SECTION 1 TOPIC - SEQUENTIAL ART:

COMIC STRIPS, BOOKS AND GRAPHIC NOVELS
 1792010 2 MWF 9:00-9:50
 SECTION 2 TOPIC: FINE ART CERAMICS
 AND PORCELAIN IN EUROPE AND AMERICA

ART:GRAPHIC DESIGN

GRAPH DSGN STUDIO I ARTGR 270 3 CR.
 PREREQ: DSN S 102 AND 131, ENROLLMENT IN 275;
 ADMISSN TO GRAPHIC DESIGN PROGRAM THROUGH DEPT
 REVIEW

COURSE FOR ARTGR MAJORS ONLY. STUDENTS ARE
 PLACED INTO SECTIONS BY THE DEPARTMENT.
 1785005 A MWF 8:00-9:50
 1785010 B MWF 8:00-9:50
 1785015 C MWF 8:00-9:50
 1785020 D MWF 8:00-9:50

GRAPHIC TECHNOLOGY I ARTGR 275 2 CR.
 PREREQ: ENROLLMENT IN 270

COURSE FOR ARTGR MAJORS ONLY. STUDENTS ARE
 PLACED INTO SECTIONS BY THE DEPARTMENT.
 5281005 A TR 8:00-9:50
 5281010 B TR 8:00-9:50
 5281015 C TR 8:00-9:50
 5281020 D TR 8:00-9:50

THEOR&PRIN GRPH DSN ARTGR 291 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 270
 COURSE RESTRICTED TO ARTGR MAJORS
 8503005 R 11:00-11:50

GRAPHIC DSN STDO III ARTGR 370 3 CR.
 PREREQ: 271, 276, ENROLLMENT IN A 2-CREDIT
 OPTION; CREDIT OR ENROLLMENT IN 387
 COURSE RESTRICTED TO ARTGR MAJORS
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1819005 A MWF 10:00-11:50
 1819010 B MWF 10:00-11:50
 1819015 C MWF 10:00-11:50
 1819020 D MWF 10:00-11:50

GR DSN HIST, THY, C I ARTGR 387 3 CR.
 PREREQ: ART H 280, 281, DSN S 183
 COURSE RESTRICTED TO ARTGR MAJORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1833005 A MWF 1:10-2:00

GRPHIC DSN FIELD STU ARTGR 391 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN 300 OR 400 LEVEL GRAPHIC
 DESIGN STUDIO COURSE
 FIELD TRIPS & TRAVEL FEE \$1,000.00
 7522005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ART:GRAPHIC DESIGN

ART:GRAPHIC DESIGN

GRAPH DSGN STUDIO V ARTGR 470 3 CR.
 PREREQ: 371, ENROLLMENT IN A 2-CREDIT OPTION
 STUDENTS ARE PLACED INTO SECTIONS BY THE DEPARTMENT
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 1854005 A TR 11:00-2:00
 SECTION A RESTRICTED TO ARTGR MAJORS
 1854010 B TR 11:00-2:00
 SECTION B RESTRICTED TO ARTGR MAJORS
 1854800 IT ARRANGED URE C
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.
 'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD
 EXPERIENCE.

PHOTO ART DIRECTION ARTGR 472 3 CR.
 PREREQ: 471, 482, ENROLLMENT IN 370 OR 371, OR 470
 COURSE RESTRICTED TO ARTGR MAJORS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 1869005 A TR 8:00-10:50

TIME BASE MLTIMEDIA ARTGR 473 3 CR.
 PREREQ: ENROLLMENT IN 370 OR 371, OR 470 OR 482
 COURSE RESTRICTED TO ARTGR MAJORS
 1894005 A MW 2:10-5:00

ADVANCED TYPOGRAPHY ARTGR 475 3 CR.
 PREREQ: ENROLLMENT IN 370 OR 371 OR 470 OR 482
 COURSE RESTRICTED TO ARTGR MAJORS
 1888005 A MW 2:10-5:00
 1888800 IT ARRANGED URE C
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.
 'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD
 EXPERIENCE.

GRAPH DSN PRACTICUM ARTGR 477 3 CR.
 PREREQ: ENROLLMENT IN 370 OR 371 OR 470 OR 482,
 PORTFOLIO REVIEW AND PERMISSION OF INSTRUCTOR
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 7886005 A MWF 8:00-9:50
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

WAYFINDING DESIGN ARTGR 479 3 CR.
 PREREQ: ENROLLMENT IN 370 OR 371 OR 470 OR 482
 COURSE RESTRICTED TO ARTGR MAJORS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$25.00
 1891005 TR 2:10-5:00

STUDIES IN GRPH DSN ARTGR 484 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 2 CREDITS FALL 2009.
 RESTRICTED TO ARTGR MAJORS.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 8261005 1 TR 8:00-10:50 ABEL T
 8261800 IT ARRANGED URE C
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.
 'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD
 EXPERIENCE.

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

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

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

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

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

PUBLCATN DSGN:BOOKS ARTGR 492 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 370 OR 371
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$235.00
 1994005 1 MW 2:10-5:00

ADV STU VISUAL COMM ARTGR 570 3 CR.
 PREREQ: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 1909015 A MWF 10:00-11:50

PHOTOGR ART DIRECTN ARTGR 572 3 CR.
 PREREQ: GRAD ENROLLMENT IN COLLEGE OF DESIGN
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 2045005 A TR 8:00-10:50

TIME-BASE MLTIMEDIA ARTGR 573 3 CR.
 PREREQ: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 2046005 A MW 2:10-5:00

ADVANCED TYPOGRAPHY ARTGR 575 3 CR.
 PREREQ: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 2113005 A MW 2:10-5:00
 2113800 IT ARRANGED
 SECT IT:SEPT 3-DEC 18

WAYFINDING DESIGN ARTGR 579 3 CR.
 PREREQ: GRAD ENROLLMENT IN COLLEGE OF DESIGN
 FIELD TRIPS & TRAVEL FEE \$0.00-\$25.00
 2123005 TR 2:10-5:00

ART:GRAPHIC DESIGN

STUDIES IN GRPH DSN ARTGR 584 VAR. CR.

PREREQ: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8262005 1 TR 8:00-10:50
 8262800 IT ARRANGED URE C
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.

'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD EXPERIENCE.

GRPH DSN HIST/THY I ARTGR 587 3 CR.

PREREQ: GRAD CLASSIFICATION
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7561005 A MWF 1:10-2:00

SPL TOPCS THRY,CRIT ARTGR 590A VAR. CR.

PREREQ: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
 EVIDENCE OF SATISFACTORY EQUIVALENCY IN
 SPECIALIZED
 AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR

ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 2-DIMEN DSN ARTGR 590B VAR. CR.

PREREQ: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
 EVIDENCE OF SATISFACTORY EQUIVALENCY IN
 SPECIALIZED

AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMT.

COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 3-DIMEN DSN ARTGR 590C VAR. CR.

PREREQ: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
 EVIDENCE OF SATISFACTORY EQUIVALENCY IN
 SPECIALIZED

AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMT.

COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 ***** SEE DEPT FOR REFERENCE NUMBERS

PUBLICATN DSGN:BOOKS ARTGR 592 3 CR.

PREREQ: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$235.00
 2158005 MW 2:10-5:00

GRPHC DSGN&USABILTY ARTGR 672A 3 CR.

PREREQ: 570, 571, GRADUATE ENROLLMENT IN THE
 COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4072005 TR 11:00-2:00

ADVANCED TOPICS ARTGR 690 VAR. CR.

PREREQ: MFA CLASSIFICATION, INSTRUCTOR PERMISSION
 RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART:GRAPHIC DESIGN

RESEARCH: THESIS ARTGR 699A VAR. CR.

RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS
 8382005 ARRANGED

RESRCH:CREATV CMPON ARTGR 699B VAR. CR.

RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS
 8383005 ARRANGED

ART:INTEGRATED STUDIO ARTS

FND VISUAL LITERACY ARTIS 201 3 CR.

PREREQ: DSN S 102 AND 131
 COURSE RESTRICTED TO ART, ARTDN, ARTGR, ARTID,
 MAJORS.
 7938005 A ARRANGED
 DELIVERY IS WWW

STUDIO FUNDAMNTLS I ARTIS 205 3 CR.

PREREQ: ACCEPTANCE INTO THE BFA ISA PROGRAM
 COURSE RESTRICTED TO ARTFA, ARTIS MAJORS
 MATERIALS FEE \$43.00
 8010005 A TR 8:00-10:50
 SECTION A: CERAMICS
 8010010 B TR 8:00-10:50
 SECTION B: FIBER

STUDIO FUNDAMNTLS II ARTIS 207 3 CR.

PREREQ: ACCEPTANCE INTO THE BFA ISA PROGRAM
 COURSE RESTRICTED TO ARTFA, ARTIS MAJORS
 MATERIALS FEE \$35.00
 8003005 A MW 2:10-5:00
 SECTION A: METAL
 8003010 B MW 2:10-5:00
 SECTION B: PHOTO

COLOR ARTIS 208 3 CR.

PREREQ: DSN S 102, 131, 183
 MATERIALS FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1766005 A MWF 12:10-2:00
 SECTION A RESTRICTED TO ARTFA, ARTIS
 MAJORS
 1766010 B TR 9:30-12:30
 SECTION B RESTRICTED TO ARTFA, ARTIS
 MAJORS
 1766015 C TR 2:10-5:00
 SECTION C RESTRICTED TO ART, ARTDN,
 ARTED, ARTFA,
 ARTGR, ARTID, ARTIS, BPM I, PBPMI
 MAJORS

STUDIO FUNDMNTS III ARTIS 209 3 CR.

PREREQ: ACCEPTANCE INTO THE BFA ISA PROGRAM
 COURSE RESTRICTED TO ARTFA, ARTIS MAJORS
 MATERIALS FEE \$100.00
 8002005 A TR 2:10-5:00
 SECTION A: WOOD
 8002010 B TR 2:10-5:00
 SECTION B: PRINTMAKING

STUDIO FUNDMNTLS IV ARTIS 211 3 CR.

PREREQ: ACCEPTANCE INTO THE BFA ISA PROGRAM
 COURSE RESTRICTED TO ARTFA, ARTIS MAJORS
 MATERIALS FEE \$5.00
 7998005 A MW 8:00-10:50
 SECTION A: PAINTING
 7998010 B MW 8:00-10:50
 SECTION B: COMPUTER ART

ART:INTEGRATED STUDIO ARTS

ART:INTEGRATED STUDIO ARTS

INTR CRTV DGT PHOTO ARTIS 227 3 CR.
 PREREQ: DSN S 102, 183, 131
 1983010 B MW 2:10-5:00
 SECTION B RESTRICTED TO ARTGR MAJORS
 1983015 C TR 11:00-2:00
 SECTION C RESTRICTED TO ARTFA, ARTIS
 MAJORS
 1983800 IT ARRANGED
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.
 'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD
 EXPERIENCE.

INTRO DARKRM PHOTOG ARTIS 229 3 CR.
 PREREQ: DSN S 102, 183, 131
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1778005 A TR 2:10-5:00
 SECTION A RESTRICTED TO ART, ARTDN,
 ARTFA, ARTGR,
 ARTID, ARTIS, BPM I, PBPMI MAJORS
 1778010 B MW 11:00-2:00
 SECTION B RESTRICTED TO ART, ARTDN,
 ARTFA, ARTID,
 ARTIS, BPM I, PBPMI MAJORS
 1778015 C TR 8:00-11:00
 SECTION C RESTRICTED TO ART, ARTDN,
 ARTFA, ARTGR,
 ARTID, ARTIS, BPM I, PBPMI MAJORS

WATERCOLOR PAINTING ARTIS 233 3 CR.
 PREREQ: ART 230
 COURSE RESTRICTED TO ARTFA, ARTDN, ART, ARTGR,
 ARTID, ARTIS, BPM I, PBPMI MAJORS
 MATERIALS FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1780005 A TR 11:00-2:00

PAINTING I ARTIS 238 3 CR.
 PREREQ: ART 230
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS, BPM I, PBPMI MAJORS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$20.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7828005 A TR 8:00-10:50
 7828800 IT ARRANGED JONES B
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.
 'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD
 EXPERIENCE.

INTEGRATIVE MEDIA ARTIS 305 3 CR.
 PREREQ: DSN S 102, 131 AND 183 AND 6 CREDITS
 OF ADDITIONAL ISA STUDIO AT 200+ LEVEL
 MATERIALS FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1771800 IT ARRANGED JONES B
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.
 'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD
 EXPERIENCE.

CPTR MODL&VIR PHOTO ARTIS 308 3 CR.
 PREREQ: ART 230 OR PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED COLLEGE OF DESIGN MAJORS
 6423005 A TR 12:40-3:00
 6423010 B TR 5:10-8:00PM

SOURCES VISUAL DSGN ARTIS 310 3 CR.
 PREREQ: ART 230. REQ'D OF ALL ISA BFA STUDENTS.
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS MAJORS
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$230.00
 6432005 A TR 8:00-10:50

INTRO FURNITUR DSGN ARTIS 320 3 CR.
 PREREQ: 209 OR PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS MAJORS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$120.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1798005 A MW 8:00-10:50

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

SCI ILLUSTR PRIN&TEC ARTIS 323 3 CR.
 PREREQ: 6 CREDITS IN ART AND DESIGN AND
 3 CREDITS IN BIOLOGICAL SCIENCES
 6579005 TR 2:10-5:00

JEWELR/METALSMTH II ARTIS 324 3 CR.
 PREREQ: 207 OR PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS MAJORS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7237005 A MW 9:00-11:50
 7237010 B TR 2:10-5:00

ILLUSTR AS COMMUNIC ARTIS 327 3 CR.
 PREREQ: 326
 7239005 TR 2:10-5:00

CREATVTY PHOTOGRPHY ARTIS 329 3 CR.
 PREREQ: 207 OR 229
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTIS MAJORS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1801005 A TR 2:10-5:00

DRAW III:LIFE DRWNG ARTIS 330 3 CR.
 PREREQ: ART 230
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS, BPM I, PBPMI MAJORS
 PROFESSIONAL SUPPORT FEE \$80.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1802005 A TR 11:00-1:50

ART:INTEGRATED STUDIO ARTS

ART:INTEGRATED STUDIO ARTS

DRAW III:LIFE DRWNG ARTIS 330 3 CR.
1802010 B TR 2:10-5:00

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

PAINTING II ARTIS 338 3 CR.
PREREQ: 238
MATERIALS FEE \$5.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7832005 A MW 11:00-2:00
SEC A RESTRICTED TO ART, ARTDN,

ARTFA, ARTID,
ARTIS, BPM I MAJORS
7832800 IT ARRANGED JONES B
SECT IT:SEPT 3-DEC 18
SEC IT TAUGHT IN ROME, ITALY.
'COLLEGE OF DESIGN
IN ROME: ART & DESIGN, FALL 2009'
STUDY ABROAD
EXPERIENCE.

WOVEN STRUCTURES ARTIS 345 3 CR.
PREREQ: DSN S 102,131,183, ARTIS 205, OR EQUIV
MATERIALS FEE \$40.00
1832005 A TR 11:00-2:00

TEXTLE SURFACE DSGN ARTIS 346 3 CR.
PREREQ: DSN S 102, 131, 183, ARTIS 205, OR
EQUIVALENT
MATERIALS FEE \$90.00
1835005 TR 2:10-5:00

RELIEF PRINTMAKING ARTIS 356 3 CR.
PREREQ: ART 230
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR
ARTID, ARTIS MAJORS
MATERIALS AND PROFESSIONAL SUPPORT FEE \$180.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8869005 A MW 2:10-5:00

LITHOGRAPHY ARTIS 358 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN ART 230
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
ARTIS MAJORS
MATERIALS AND PROFESSIONAL SUPPORT FEE \$160.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1810005 1 MW 9:00-11:50

BFA PRO PRACTICE ARTIS 399 2 CR.
PREREQ: JR CLASSIF IN ART & DESIGN BFA CURRICULUM
REQUIRED OF ALL ISA BFA STUDENTS
2076005 R 6:00-9:00PM

PRIN 3D CHAR ANIMAT ARTIS 407 3 CR.
PREREQ: ARTIS 308
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2092005 MWF 10:00-11:50

PRIN 3D ANIMATION ARTIS 408 3 CR.
PREREQ: 308
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1834005 1 MW 5:10-8:00PM

ADV FURNITURE DSIGN ARTIS 420 3 CR.
PREREQ: 320
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTID,
ARTIS MAJORS
MATERIALS AND PROFESSIONAL SUPPORT FEE \$120.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1838005 1 MW 9:00-11:50

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

JEWELR/METLSMTH III ARTIS 424 3 CR.
PREREQ: 324 OR PERMISSION OF INSTRUCTOR
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTID,
ARTIS MAJORS
MATERIALS AND PROFESSIONAL SUPPORT FEE \$60.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7250005 A TR 2:10-5:00

DRAWING ARTIS 430 3 CR.
PREREQ: 330
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
ARTIS, BPM I MAJORS
MATERIALS FEE \$5.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1841005 MW 2:10-5:00

PAINTING III ARTIS 438 3 CR.
PREREQ: 338
COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
ARTID, ARTIS, BPM I, DSGNS, PBPMI MAJORS
MATERIALS FEE \$5.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7833005 A TR 2:10-5:00
7833800 IT ARRANGED JONES B
SECT IT:SEPT 3-DEC 18
SEC IT TAUGHT IN ROME, ITALY.

'COLLEGE OF DESIGN
IN ROME: ART & DESIGN, FALL 2009'
STUDY ABROAD
EXPERIENCE.

ART:INTEGRATED STUDIO ARTS

ART:INTEGRATED STUDIO ARTS

ADVANC'D PRINTMAKING ARTIS 458 3 CR.
 PREREQ: 356, 357, OR 358; INSTRUCTOR PERMISSION
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR, ARTIS
 MAJORS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$110.00
 1840005 MW 9:00-11:50

TOPICS STUDIO ART ARTIS 482 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 MATERIALS FEE \$5.00
 1855005 A1 TR 2:10-5:00
 SECTION A1 TOPIC: DIGITAL DRAWING.
 RESTRICTED TO ARTGR, BPM I, PBPMI JUNIORS AND SENIORS.
 1855010 A2 TR 2:10-5:00
 SECTION A2 TOPIC: DIGITAL DRAWING.
 RESTRICTED TO ARTFA, ARTIS, BPM I, PBPMI JUNIORS AND
 SENIORS.

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

IND ST COMPUTER A&D ARTIS 490C 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

IND ST ILLUSTRATION ARTIS 490F 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY METALS ARTIS 490G 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 MATERIALS FEE \$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

IND STU PHOTOGRAPHY ARTIS 490J 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$25.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

BFA EXHIBITION ARTIS 499 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 399, SENIOR CLASSIFICATION IN THE ART
 AND DESIGN BFA CURRICULUM
 INSTRUCTOR PERMISSION REQUIRED TO ADD. PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL. RESTRICTED
 TO ARTFA STUDENTS.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$35.00
 1708005 TR 6:00-9:00PM

INTEGRATIVE MEDIA ARTIS 505 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 MATERIALS FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7553800 IT ARRANGED JONES B
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.
 'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD EXPERIENCE.

PRIN 3D CHAR ANIMAT ARTIS 507 3 CR.
 PREREQ: 308
 2057005 1 MWF 10:00-11:50

CPTR AID ANIMAT&VIS ARTIS 508 3 CR.
 PREREQ: 408 OR GRADUATE STATUS & INSTR PERMISSION
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8265005 A MW 5:10-8:00PM

ART:INTEGRATED STUDIO ARTS

ART:INTEGRATED STUDIO ARTS

ADV FURNITURE DSIGN ARTIS 520 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTR PERMISSION
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$120.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1895005 1 MW 9:00-11:50

CERAMICS STUDIO ARTIS 522 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTR PERMISSION
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$70.00
 1896005 A MW 1:10-5:00

JEWEL&DEC METAL III ARTIS 524 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTR PERMISSION
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7255005 A TR 2:10-5:00

ADVANC'D PHOTOGRAPHY ARTIS 529 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$25.00
 7399005 TR 2:10-5:00

DRAWING ARTIS 530 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 MATERIALS FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7747005 MW 2:10-5:00

ADVANCED PAINTING ARTIS 538 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 MATERIALS FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7826005 A TR 2:10-5:00
 7826800 IT ARRANGED JONES B
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.
 'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD
 EXPERIENCE.

RELIEF PRINTMAKING ARTIS 556 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTR PERMISSION
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$180.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8870005 A MW 2:10-5:00

LITHOGRAPHY ARTIS 558 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTR PERMISSION
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$160.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7750005 1 TR 9:00-11:50

TOPICS STUDIO ART ARTIS 582 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009.
 RESTRICTED TO GRADUATE STUDENTS IN ART.
 MATERIALS FEE \$5.00
 1870005 TR 2:10-5:00
 TOPIC: DIGITAL DRAWING

SPL TOPICS CERAMICS ARTIS 590B VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$70.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

SPCL TOPCS TEXTILES ARTIS 590E VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 MATERIALS FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SPECL TOPICS METALS ARTIS 590G VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 MATERIALS FEE \$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART:INTERIOR DESIGN

ART:INTEGRATED STUDIO ARTS

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

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$25.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

SPL TOP MIXED MEDIA ARTIS 590M VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART:INTERIOR DESIGN

FUND INTERIOR DSIGN ARTID 250 2 CR.
 6589005 1A MW 8:00-8:50
 SECTION 1A RESTRICTED TO ARTID MAJORS
 6589010 1B MW 8:00-8:50
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN ARTID

SOPHOMOR FIELD STDY ARTID 259 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN INTERIOR DESIGN STUDIO
 COURSE
 FIELD TRIPS & TRAVEL FEE \$375.00
 2162005 ARRANGED

GRAPH COM INT DSN I ARTID 261 2 CR.
 PREREQ: ADMISSION TO THE INTERIOR DESIGN PROGRAM
 THROUGH PROGRAM REVIEW AND ENROLLMENT IN 265
 COURSE RESTRICTED TO ARTID MAJORS ONLY
 7885005 A MW 9:00-1:00
 SECT A:2ND HALF
 7885010 B MW 9:00-1:00
 SECT B:2ND HALF

GRPH COM INT DSN II ARTID 262 2 CR.
 PREREQ: ADMISSION TO THE INTERIOR DESIGN PROGRAM
 THROUGH PROGRAM REVIEW AND ENROLLMENT IN 265
 COURSE RESTRICTED TO ARTID MAJORS ONLY
 7887005 A MW 9:00-1:00
 SECT A:1ST HALF
 7887010 B MW 9:00-1:00
 SECT B:1ST HALF

INT DESIGN STUDIO I ARTID 265 4 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 250, 261, 262,
 AND 350; ADMISSION TO THE INTERIOR DESIGN PROGRAM
 THROUGH PROGRAM REVIEW
 COURSE RESTRICTED TO ARTID MAJORS ONLY.
 STUDENTS ARE PLACED INTO SECTIONS BY THE
 DEPARTMENT.
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$10.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1784015 A T 11:00-11:50
 TR 12:10-3:00
 1784020 B T 11:00-11:50
 TR 12:10-3:00

MATERLS SYS&DETAI I ARTID 350 3 CR.
 PREREQ: ADMISSION TO THE INTERIOR DESIGN PROG
 THROUGH PROGRAM REVIEW
 FIELD TRIPS & TRAVEL FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1859005 TR 3:10-5:00

INT DSN HIST/THRY I ARTID 355 3 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1689005 TR 2:10-3:30

MADE IN ITALY ARTID 357 2 CR.
 PREREQ: ENROLLED IN STUDY IN ROME PROGRAM
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7449800 IT ARRANGED SCHNEIDER P
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.
 'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD EXPERIENCE.

JUNIOR FIELD STUDY ARTID 359 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN THIRD YEAR INTERIOR DESIGN
 STUDIO COURSE
 COURSE RESTRICTED TO ARTID MAJORS
 FIELD TRIPS & TRAVEL FEE \$500.00
 1814005 A ARRANGED

ART:INTERIOR DESIGN

ART:INTERIOR DESIGN

INT DSGN STUDIO III ARTID 365 4 CR.

PREREQ: 263,267,351, CREDIT OR ENROLLMENT IN 353

COURSE RESTRICTED TO ARTID MAJORS

PROFESSIONAL SUPPORT AND FIELD TRIPS &

TRAVEL FEE \$10.00

INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

1815005 A M 9:00-9:50

MW 10:00-1:00

1815010 B M 9:00-9:50

MW 10:00-1:00

SENIOR FIELD STUDY ARTID 459 R CR.

SATISFACTORY-FAIL ONLY.

PREREQ: ENROLLMENT IN FOURTH YEAR INTERIOR DESIGN

STUDIO COURSE

COURSE RESTRICTED TO ARTID MAJORS

FIELD TRIPS & TRAVEL FEE \$1,000.00

1816005 A ARRANGED

1816805 CA ARRANGED

BRUNNER L

SECT CA:OCT 7-11

SEC CA TAUGHT IN TORONTO, CANADA

TOPIC: INTERIOR DESIGN TORONTO

TRIP. FALL 2009

1816800 IT ARRANGED

SCHNEIDER P

SECT IT:SEPT 3-DEC 18

SEC IT TAUGHT IN ROME, ITALY.

'COLLEGE OF DESIGN

IN ROME: ART & DESIGN, FALL 2009'

STUDY ABROAD

EXPERIENCE.

INT DESIGN STUDIO V ARTID 465 4 CR.

PREREQ: 460

COURSE RESTRICTED TO ARTID MAJORS

PROFESSIONAL SUPPORT AND FIELD TRIPS &

TRAVEL FEE \$10.00

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

1851005 1 W 12:10-1:00

MW 9:00-11:50

1851800 IT ARRANGED

SCHNEIDER P

SECT IT:SEPT 3-DEC 18

SEC IT TAUGHT IN ROME, ITALY.

'COLLEGE OF DESIGN

IN ROME: ART & DESIGN, FALL 2009'

STUDY ABROAD

EXPERIENCE.

ADV STUDI INT DSIGN ARTID 469 3 CR.

PREREQ: 12 CR IN INTERIOR DESIGN RELATED COURSES

OR PERMISSION OF INSTRUCTOR

COURSE RESTRICTED TO ARCH, ARTGR, ARTID MAJORS

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

1850020 A TR 9:30-10:50

INDEPENDENT STUDY ARTID 490 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR

ON REQUIRED FORM IN ADVANCE OF SEMESTER OF

ENROLLMENT

COURSE RESTRICTED TO ARTID MAJORS

***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTID 490H 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR

ON REQUIRED FORM IN ADVANCE OF SEMESTER OF

ENROLLMENT

MEMBERSHIP IN UNIV HONORS PROGRAM

COURSE RESTRICTED TO ARTID MAJORS WHO ARE

IN THE UNIVERSITY HONORS PROGRAM

***** SEE DEPT FOR REFERENCE NUMBERS

MACRO DSGN HUMANICS ARTID 551C 3 CR.

PREREQ: INSTRUCTOR PERMISSION

8264005 MWF 8:00-8:50

DSGN MTHDS:CMMUNCAT ARTID 552C 2 CR.

PREREQ: PERMISSION OF INSTRUCTOR

1811015 TR 4:10-5:00

ID TEACHNG PRACTICM ARTID 554 1- 6 CR.

PREREQ: COMPLETION OF GRAD LEVEL STUDIO OR

PERMISSION OF INSTRUCTOR

4283005 ARRANGED

INTERR DSN STUDIO V ARTID 565 4 CR.

PREREQ: GRADUATE CLASSIFICATION, CONCURRENT

ENROLLMENT IN 598

PROFESSIONAL SUPPORT AND FIELD TRIPS &

TRAVEL FEE \$10.00

INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

1906005 1 W 12:10-1:00

MW 9:00-11:50

ADV STUDI INT DSIGN ARTID 569 3 CR.

PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN

COURSE FOR ARTID GRADUATE STUDENTS ONLY

7179005 A TR 9:30-10:50

SPECIAL TOPICS ARTID 590 VAR. CR.

PREREQ: BACHELOR'S DEGREE IN INTERIOR DSGN

OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD

AREA. WRITTEN APPROVAL OF INSTR & DEPT CHAIR

ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.

COURSE RESTRICTED TO GRADUATE STUDENTS IN ART

***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH FORUM ARTID 598 1 CR.

PREREQ: CONCURRENT ENROLLMENT IN 565, 567, 665,

OR PERMISSION OF INSTRUCTOR

8254005 M 12:10-1:00

RESEARCH METHODS ARTID 660 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR

2067005 TR 8:00-9:20

EXPERMTL INTER DSGN ARTID 667 3 CR.

PREREQ: CONCURRENT ENROLLMENT IN 598, PERMISSION

OF INSTRUCTOR

8248005 MW 1:10-4:00

ADVANCED TOPICS ARTID 690 VAR. CR.

PREREQ: MFA CLASSIFICATION, PERMISSION OF INSTR

COURSE RESTRICTED TO GRADUATE STUDENTS IN ART

***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTID 699A VAR. CR.

COURSE RESTRICTED TO GRADUATE STUDENTS IN ART

8389005 1 ARRANGED

8389010 2 ARRANGED

ART:INTERIOR DESIGN

RESEARCH:THESIS-EXH ARTID 699B VAR. CR.
 COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 8390005 ARRANGED

ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONMY ASTRO 102 1 CR.
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
 8059005 ARRANGED
 DELIVERY IS WWW

EVENING STAR ASTRO 103 1 CR.
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
 8260005 ARRANGED
 DELIVERY IS WWW

SKY & SOLAR SYSTEM ASTRO 120 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 2-PART COURSE. REGISTER FOR NUMBERED SECTION 1ST
 AND THEN LETTERED SECTN (W OR Z). STUDENTS WHO
 DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD
 GRADUATION.

- 1951005 1 F 8:00-8:50
- 1951010 2 F 9:00-9:50
- 1951015 3 F 10:00-10:50
- 1951020 4 F 11:00-11:50
- 1951025 5 F 12:10-1:00
- 1951030 6 F 1:10-2:00
- 1951035 7 F 2:10-3:00
- 1951040 8 F 3:10-4:00
- 1951045 9 M 8:00-8:50
- 1951050 10 M 9:00-9:50
- 1951055 11 M 10:00-10:50
- 1951060 12 M 11:00-11:50
- 1951065 13 M 12:10-1:00
- 1951070 14 M 1:10-2:00
- 1951075 15 M 2:10-3:00
- 1951080 16 M 3:10-4:00
- 1951085 17 M 4:10-5:00
- 1951115 W TR 12:10-1:00
- 1951120 Z TR 1:10-2:00

SKY & SOLAR SYST LAB ASTRO 125L 1 CR.
 PREREQ: CONCURRENT OR PREVIOUS ENROLLMENT IN 120

- 2522005 A M 8:00-10:00PM
- 2522010 B T 8:00-10:00PM
- 2522015 C W 8:00-10:00PM
- 2522020 D R 8:00-10:00PM

STARS,GALAXIES&COSM ASTRO 150 3 CR.

- 1952005 1 TR 11:00-11:50
W 9:00-9:50
- 1952010 2 TR 11:00-11:50
W 10:00-10:50
- 1952015 3 TR 11:00-11:50
W 11:00-11:50
- 1952020 4 TR 11:00-11:50
W 12:10-1:00
- 1952025 5 TR 11:00-11:50
W 1:10-2:00
- 1952030 6 TR 11:00-11:50
W 2:10-3:00

ASTRONOMY & ASTROPHYSICS

STARS,GALAXIES&COSM ASTRO 150 3 CR.

- 1952035 7 TR 11:00-11:50
W 3:10-4:00
- 1952040 8 TR 11:00-11:50
R 8:00-8:50
- 1952045 9 TR 11:00-11:50
R 9:00-9:50
- 1952050 10 TR 11:00-11:50
R 10:00-10:50

INDEPENDENT STUDY ASTRO 290 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTR SOLAR SYS ASTR ASTRO 342 3 CR.
 PREREQ: PHYS 222
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8739005 MWF 2:10-3:00

ASTRONOMY LAB ASTRO 344L 3 CR.
 PREREQ: PHYS 222
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1955005 A R 1:10-2:00, ARRANGED

ASTROPHYSCL PROCESS ASTRO 405 3 CR.
 PREREQ: 346 OR PERMISSION OF INSTRUCTOR
 8791005 MWF 3:10-4:00

UNDERGRAD RESEARCH ASTRO 450 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

ASTROPHYSCL PROCESS ASTRO 505 3 CR.
 PREREQ: 346 OR INSTRUCTOR PERMISSION
 1961005 MWF 3:10-4:00

EXTRAGALACTC ASTRON ASTRO 586 3 CR.
 PREREQ: 405 OR 505
 1969005 TR 2:10-3:30

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

ASTRONOMY & ASTROPHYSICS

CREATIVE COMPONENT ASTRO 599 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED SEMINAR ASTRO 650 1 CR.
 SATISFACTORY-FAIL ONLY.
 1970005 F 4:10-5:00

ADV TOPIC ASTROPHYS ASTRO 660 1- 3 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 1971005 A TR 2:10-3:30

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

ATHLETICS

INTERCOL CROSS CTRY ATH 101D 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1976005 ARRANGED

INTERCOL CROSS CTRY ATH 101E 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1977005 ARRANGED

INTERCOLL FOOTBALL ATH 101F 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1978005 ARRANGED

INTERCOL VOLLEYBALL ATH 101R 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1989005 ARRANGED

ATHLETICS

INTERCOLLEGIAT GOLF ATH 101T 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1991005 ARRANGED

INTERCOLLEG SOCCER ATH 101U 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM
 OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL
 TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3628005 ARRANGED

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

INTRO BIOCHEMISTRY BBMB 101 1 CR.
 1996005 F 2:10-3:00
 1996010 2 ARRANGED

BIOCHEMCL PROCESSES BBMB 221 3 CR.
 PREREQ: CHEM 163, 167, OR 177
 CREDIT FOR EITHER BBMB 221 OR CHEM 231, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION.
 BIOCHEMISTRY
 AND BIOPHYSICS MAJORS MAY NOT COUNT CREDIT FOR
 BBMB 221 TOWARD THE MAJOR BUT IT IS ACCEPTABLE AS
 AN
 ELECTIVE.
 1998005 MWF 10:00-10:50

SURVEY OF BIOCHEM BBMB 301 3 CR.
 PREREQ: CHEM 231 OR 331
 BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY
 MAJORS MAY NOT APPLY CREDIT FOR BBMB 301 TOWARD
 DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS
 ACCEPTABLE AS AN ELECTIVE
 1999005 MWF 12:10-1:00

BIOCHEMISTRY I BBMB 404 3 CR.
 PREREQ: CHEM 332
 CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405
 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2002005 MWF 11:00-11:50
 2002605 XC ARRANGED DISPIRITO A
 SECT XC:AUG 24-DEC 18
 DELIVERY FEE OF \$99 IN ADDITION TO
 TUITION.

FOR PERMISSION TO ADD CONTACT ALAN
 DISPIRITO AT 515-294-2944 OR ALAND@IASTATE.EDU
 SECTION XC IS OFF CAMPUS.
 DELIVERY IS CD
 SECTION INFO:
<http://www/agde.iastate.edu/computer.htm>

2002600 XW ARRANGED DISPIRITO A
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$99 IN ADDITION TO
 TUITION.

FOR PERMISSION TO ADD CONTACT ALAN
 DISPIRITO AT 515-294-2944 OR ALAND@IASTATE.EDU
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

BIOCHEMISTRY I BBMB 404 3 CR.
SECTION INFO:
<http://agde.iastate.edu/computer.htm>

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

BIOCHEMISTRY II BBMB 405 3 CR.
PREREQ: 404
CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405
SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2003600 XC ARRANGED BEITZ D
SECT XC:AUG 24-DEC 18
SECTION XC IS OFF CAMPUS.
DELIVERY IS CDROM
SECTION INFO:
<http://agde.iastate.edu/computer.htm>

COMPRHNSV BIOCHEM I BBMB 501 4 CR.
PREREQ: CHEM 210 OR 211; 332; 322; A PREVIOUS
COURSE IN BIOCHEMISTRY IS STRONGLY RECOMMENDED
2010005 MTRF 1:10-2:00

BIOCHEMCL RES TCHNQ BBMB 411 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 404 OR 501,
CHEM 210 OR 211
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2004005 A W 1:10-2:00
MW 2:10-6:00PM
2004010 B W 1:10-2:00
TF 2:10-6:00PM

STRUC&REACTV BIOMOL BBMB 531 1 CR.
PREREQ: CHEM 332
2017005 A MWF 4:10-5:00
SECT A:OCT 5-NOV 6

PHYSIOLOGICAL CHEM BBMB 420 3 CR.
PREREQ: CHEM 332, BBMB 301 OR BIOL 314
CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405
SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION. AG BIOCHEMISTRY, BIOCHEMISTRY AND
BIOPHYSICS MAJORS MAY NOT APPLY CREDIT FOR BBMB
420 TOWARD THE MAJOR BUT IT IS ACCEPTABLE AS AN
ELECTIVE.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2005005 A MWF 1:10-2:00

COMPUTATIONAL BIOCH BBMB 541 1 CR.
PREREQ: A PREVIOUS COURSE IN BIOCHEM RECOMMENDED
COURSE RESTRICTED TO BBMBA, BBMS MAJORS ONLY
2018005 1 TR 11:00-11:50
SECT 1:AUG 25-OCT 29

LAB MICR PHYSL,DVRS BBMB 440 3 CR.
PREREQ: MICRO 302,302L, CHEM 332, BIOL 301L/313L
2090005 TR 1:10-5:00

INTRO DNA TECHNIQS BBMB 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7099005 1 TR 1:10-2:00
TR 2:10-4:00
SECT 1:AUG 25-SEPT 24

PHYSICAL BIOCHEMIST BBMB 451 2 CR.
PREREQ: CHEM 331, PHYS 112 OR 222, A PREVIOUS
COURSE IN CALCULUS IS HELPFUL BUT NOT REQUIRED
BIOCHEMISTRY AND BIOPHYSICS MAJORS MAY NOT
APPLY CREDIT FOR BBMB 451 TOWARD DEGREE
REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN
ELECTIVE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2006005 TR 10:00-10:50

INTRO CELL TECHNIQS BBMB 542C 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7101005 1 TR 1:10-2:00
TR 2:10-4:00
SECT 1:NOV 3-DEC 10

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

INTR PROTEOMCS TCNQ BBMB 542E 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7166005 1 TR 1:10-2:00
TR 2:10-4:00
SECT 1:SEPT 29-OCT 29

INDEP STUDY HONORS BBMB 490H VAR. CR.
PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM
INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE:
JUNIOR OR SENIOR CLASSIFICATION
STUDENTS IN THE COLLEGE OF AGRICULTURE MAY APPLY
NO MORE THAN 6 CREDITS OF 490 TOWARD GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE
THAN 9 CREDITS OF 490 TOWARD GRADUATION. COURSE
RESTRICTED
TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM
ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

MOLECULAR BIOPHYS BBMB 551 3 CR.
PREREQ: CHEM 322
2019005 MWF 9:00-9:50

STRUC GENOM INFRMTC BBMB 569 3 CR.
PREREQ: BCB 567, GEN 411, STAT 430
7456005 TR 2:10-3:30

SEMINAR BBMB 581 1 CR.
PREREQ: PERMISSION OF INSTRUCTOR
2020005 T 2:10-3:00

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

PLANT BIOCHEMISTRY BBMB 607 2 CR.
PREREQ: 405 OR 502
8273005 MWF 12:10-1:00
AUG 24-NOV 6

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

MCHNSM ENZY CATALYS BBMB 642 1 CR.
 PREREQ: 404, 420, OR 501
 7188005 TR 11:00-11:50
 1ST HALF

MOLECUL BIOL MUSCLE BBMB 670 3 CR.
 PREREQ: 405, 420, OR 502
 5805005 TR 9:30-10:50

NUC ACID STRUC&FUNC BBMB 675 2 CR.
 PREREQ: 405 OR 502
 2033005 TR 9:00-9:50

ADVANCED SEMINAR BBMB 681 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2034005 T 3:10-5:00

DEPARTMENT SEMINAR BBMB 682 R CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2035005 R 4:10-6:00PM

RESEARCH SEMINAR BBMB 696 1 CR.
 SATISFACTORY-FAIL ONLY.
 8831005 W 4:10-5:30

SEMN MOLEC,C,DV BIO BBMB 698 1- 2 CR.
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 2037005 1 M 3:10-4:00

RESEARCH BBMB 699 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOENGINEERING

INTRO BIOENGNEER II BIOE 202 3 CR.
 PREREQ: 201
 5297005 TR 9:30-10:45

BIOINFORMATICS & COMPUTATIONAL BIOL-UG

BIOINFRMTC&CB ORIEN BCBIO 110 .5 CR.
 SATISFACTORY-FAIL ONLY.
 5587005 1 W 12:10-1:00
 SECT 1:1ST HALF

INDEPENDENT STUDY BCBIO 490 1- 5 CR.
 PREREQ: BCBIO 211, JUNIOR OR SENIOR CLASSIFICATN,
 PERMISSION OF INSTRUCTOR
 STUDENTS IN THE LAS COLLEGE MAY USE NO MORE
 THAN 9 CREDITS OF BCBIO 490 OR 491 TOWARD
 GRADUATION
 8777005 ARRANGED

BIOINFORMATICS AND COMPUTATIONAL BIOL

INTRO BIOINFORMATCS BCB 444 4 CR.
 PREREQ: MATH 165 OR STAT 401 OR EQUIVALENT
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8543005 MWF 10:00-10:50
 R 1:10-3:00

BIOINFORMATICS AND COMPUTATIONAL BIOL

INDEPENDENT STUDY BCB 490 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRO DNA TECHNIQS BCB 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 1828005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:AUG 25-SEPT 24

INTRO CELL TECHNIQS BCB 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 1830005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:NOV 3-DEC 10

INTR PROTEOMCS TCNQ BCB 542E 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 1872005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:SEPT 29-OCT 29

INTRO BIOINFORMATCS BCB 544 4 CR.
 PREREQ: MATH 165 OR STAT 401 OR EQUIVALENT
 8548005 MWF 10:00-10:50
 R 1:10-3:00

FUND GENOME INFRMTC BCB 567 3 CR.
 PREREQ: COM S 208; COM S 330; STAT 341; CREDIT
 OR ENROLLMENT IN BIOL 315, STAT 430
 2070005 TR 11:00-12:30

STRUC GENOM INFRMTC BCB 569 3 CR.
 PREREQ: BCB 567, GEN 411, STAT 430
 2105005 TR 2:10-3:30

CREATIVE COMPONENT BCB 599 VAR. CR.
 1342005 ARRANGED

FACULT SEM BIOINFRM BCB 691H 1 CR.
 7825005 F 2:10-3:00

GRAD RESEARCH ROTAT BCB 697 VAR. CR.
 7827005 ARRANGED

RESEARCH BCB 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGICAL SYSTEMS ENGINEERING

ENTREPRN&INTERN SEM BSE 201 1 CR.
 PREREQ: SOPH CLASSIF IN A E, AST, BSE OR I TEC
 1676005 MW 4:10-5:00, 1ST HALF

LEADRSHIP& ETHCS SEM BSE 301 1 CR.
 PREREQ: 201
 1754005 MW 4:10-5:00, 1ST HALF

BIOLOGICAL SYSTEMS ENGINEERING

APPLD NUMRCL METHDS BSE 316 3 CR.
 PREREQ: ENGR 160, MATH 266
 8473005 A TR 9:00-9:50
 T 1:10-3:00
 8473010 B TR 9:00-9:50
 R 1:10-3:00

PROFESSIONLSM SEMNR BSE 401 1 CR.
 PREREQ: 301
 1796005 A MW 4:10-5:00
 SECT A:1ST HALF

AGRIC ENGR DESIGN I BSE 415 2 CR.
 PREREQ: A E 271 OR 272, E M 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1821005 A M 1:10-2:00, ARRANGED

AG ENGR DESIGN II BSE 416 2 CR.
 PREREQ: 415
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1853005 ARRANGED

ENGR ANALY BIOL SYS BSE 480 3 CR.
 PREREQ: 216; MATH 266; BIOL 211 OR 212; M E 330
 4864005 MW 10:00-10:50
 F 10:00-11:50

ENGR ANALY BIOL SYS BSE 580 3 CR.
 PREREQ: 216; MATH 266; BIOL 211 OR 212; M E 330
 4865005 MW 10:00-10:50
 F 10:00-11:50

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

SCI ILLUST PRIN&TEC BPM I 323 3 CR.
 PREREQ: 6 CREDITS IN ART AND DESIGN AND
 3 CREDITS IN BIOLOGICAL SCIENCES
 6580005 TR 2:10-5:00

ILLUSTR AS COMMUNIC BPM I 327 3 CR.
 PREREQ: 326
 1748005 TR 2:10-5:00

INDEPENDENT STUDY BPM I 490 1- 3 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR & ADVISORY COMM
 CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF
 ENROLMT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ILLUSTRATION INTERN BPM I 497 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR OR SR CLASSIFICATION IN BPM I. WRITTEN
 APPROVAL OF SUPERVISING INSTR & ADVISORY COMM
 CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

INTRODUCTORY BIOL BIOL 101 3 CR.
 CREDIT FOR EITHER BIOL 101 OR BIOL 211/201, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 2064005 1 MWF 10:00-10:50
 2064010 2 ARRANGED
 DELIVERY IS WWW
 SECTION INFO:
<http://project.bio.iastate.edu>

BIOLOGY

INTRO TO BIOLOGY BIOL 110 .5 CR.
 SATISFACTORY-FAIL ONLY.

2063005 1 R 2:10-3:00
 SECT 1:1ST HALF
 SECTION 1 RESTRICTED TO BIOL, BIOLA
 MAJORS ENTERING ISU SUMMER 2009 OR FALL 2009
 2063010 2 ARRANGED
 SEC 2 RESTRICTED TO NEW BIOL, BIOLA
 TRANSFER STUDENTS

DELIVERY IS WWW
 2063015 3 ARRANGED
 SECTION 3 RESTRICTED TO BIOL, BIOLA
 MAJORS ENTERING ISU SUMMER 2009 OR FALL 2009

2063020 4 F 10:00-10:50
 SECT 4:1ST HALF
 SECTION 4 RESTRICTED TO BIOL, BIOLA
 MAJORS ENTERING ISU SUMMER 2009 OR FALL 2009

2063025 5 T 2:10-3:00
 SECT 5:1ST HALF
 SECTION 5 RESTRICTED TO BIOL, BIOLA
 MAJORS ENTERING ISU SUMMER 2009 OR FALL 2009

2063030 6 W 11:00-11:50
 SECT 6:1ST HALF
 SECTION 6 RESTRICTED TO BIOL, BIOLA
 MAJORS ENTERING ISU SUMMER 2009 OR FALL 2009

HUMAN BIOLOGY BIOL 155 3 CR.

PREREQ: HS BIOLOGY & CHEMISTRY OR BIOL 101

7079005 A TR 3:40-5:00
 7079010 B ARRANGED
 DELIVERY IS WWW
 7079600 XW ARRANGED
 SECT XW:MAY 18-AUG 7
 DELIVERY FEE \$73.00
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

FIELD BOTANY BIOL 165 2 CR.

2077005 1 MW 3:10-6:00PM
 SECT 1:1ST HALF
 2077010 2 TR 9:00-11:50
 SECT 2:1ST HALF
 2077015 3 TR 12:10-3:00
 SECT 3:1ST HALF
 2077020 4 WF 12:10-3:00
 SECT 4:1ST HALF

ENVIRONMNTL BIOLOGY BIOL 173 3 CR.

2015005 1 ARRANGED
 DELIVERY IS WWW
 SECTION INFO:
<http://project.bio.iastate.edu>

PRIN OF BIOLOGY I BIOL 211 3 CR.

PREREQ: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
 CREDIT OR ENROLLMENT IN CHEM 163 OR 177

CREDIT FOR EITHER BIOL 101 OR BIOL 211/201, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

9468005 1 MWF 9:00-9:50
 9468010 2 MWF 2:10-3:00
 9468015 3 TR 12:40-2:00

SEC 3 RESTRICTED TO BIOL, BIOLA, GEN, GEN S MAJORS
 ONLY

9468020 4 MWF 3:10-4:00
 9468025 5 TR 8:00-9:15
 9468030 6 ARRANGED
 DELIVERY IS WWW
 SECTION INFO:

<http://project.bio.iastate.edu>

BIOLOGY

BIOLOGY

PRIN BIOLOGY LAB I BIOL 211L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 211

| | | | |
|---------|----|---|-------------|
| 9470005 | 1 | M | 9:00-11:50 |
| 9470010 | 2 | M | 9:00-11:50 |
| 9470015 | 3 | M | 12:10-3:00 |
| 9470020 | 4 | M | 12:10-3:00 |
| 9470025 | 5 | M | 3:10-6:00PM |
| 9470030 | 6 | M | 3:10-6:00PM |
| 9470035 | 7 | M | 6:10-9:00PM |
| 9470040 | 8 | M | 6:10-9:00PM |
| 9470045 | 9 | T | 9:00-11:50 |
| 9470050 | 10 | T | 9:00-11:50 |
| 9470055 | 11 | T | 12:10-3:00 |
| 9470060 | 12 | T | 12:10-3:00 |
| 9470065 | 13 | T | 3:10-6:00PM |
| 9470070 | 14 | T | 3:10-6:00PM |
| 9470075 | 15 | T | 6:10-9:00PM |
| 9470080 | 16 | T | 6:10-9:00PM |
| 9470085 | 17 | W | 9:00-11:50 |
| 9470090 | 18 | W | 9:00-11:50 |
| 9470095 | 19 | W | 12:10-3:00 |
| 9470100 | 20 | W | 12:10-3:00 |
| 9470105 | 21 | W | 3:10-6:00PM |
| 9470110 | 22 | W | 3:10-6:00PM |
| 9470115 | 23 | W | 6:10-9:00PM |
| 9470120 | 24 | W | 6:10-9:00PM |
| 9470063 | 25 | R | 9:00-11:50 |
| 9470130 | 26 | R | 9:00-11:50 |
| 9470016 | 27 | R | 12:10-3:00 |
| 9470041 | 28 | R | 12:10-3:00 |
| 9470031 | 29 | R | 3:10-6:00PM |
| 9470135 | 30 | R | 3:10-6:00PM |
| 9470140 | 31 | R | 6:10-9:00PM |
| 9470145 | 32 | R | 6:10-9:00PM |
| 9470150 | 33 | F | 9:00-11:50 |
| 9470155 | 34 | F | 12:10-3:00 |

PRIN OF BIOLOGY II BIOL 212 3 CR.
 PREREQ: 211

| | | | |
|---------|---|-----|------------|
| 9469005 | 1 | MWF | 1:10-2:00 |
| 9469010 | 2 | TR | 9:30-10:45 |

PRIN BIOLOGY LAB II BIOL 212L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 212

| | | | |
|---------|----|---|-------------|
| 9471005 | 1 | T | 9:00-11:50 |
| 9471010 | 2 | T | 12:10-3:00 |
| 9471015 | 3 | T | 3:10-6:00PM |
| 9471020 | 4 | T | 6:10-9:00PM |
| 9471025 | 5 | W | 9:00-11:50 |
| 9471030 | 6 | W | 12:10-3:00 |
| 9471035 | 7 | W | 3:10-6:00PM |
| 9471040 | 8 | W | 6:10-9:00PM |
| 9471045 | 9 | R | 9:00-11:50 |
| 9471050 | 10 | R | 12:10-3:00 |
| 9471055 | 11 | R | 3:10-6:00PM |

FUND HUMAN ANATOMY BIOL 255 3 CR.
 7205005 A MWF 8:00-8:50

FUND HUMAN ANAT LAB BIOL 255L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 255

| | | | |
|---------|---|---|-------------|
| 6342005 | 1 | T | 9:00-11:50 |
| 6342010 | 2 | T | 9:00-11:50 |
| 6342015 | 3 | T | 12:10-3:00 |
| 6342020 | 4 | T | 12:10-3:00 |
| 6342025 | 5 | T | 3:10-6:00PM |

FUND HUMAN ANAT LAB BIOL 255L 1 CR.

| | | | |
|---------|----|---|-------------|
| 6342030 | 6 | T | 3:10-6:00PM |
| 6342035 | 7 | T | 6:10-9:00PM |
| 6342040 | 8 | T | 6:10-9:00PM |
| 6342045 | 9 | W | 9:00-11:50 |
| 6342050 | 10 | W | 9:00-11:50 |
| 6342055 | 11 | W | 12:10-3:00 |
| 6342060 | 12 | W | 12:10-3:00 |
| 6342065 | 13 | W | 3:10-6:00PM |
| 6342070 | 14 | W | 3:10-6:00PM |
| 6342075 | 15 | R | 9:00-11:50 |
| 6342080 | 16 | R | 12:10-3:00 |
| 6342085 | 17 | R | 3:10-6:00PM |
| 6342090 | 18 | W | 6:10-9:00PM |
| 6342095 | 19 | R | 9:00-11:50 |
| 6342100 | 20 | R | 12:10-3:00 |
| 6342105 | 21 | W | 6:10-9:00PM |
| 6342110 | 22 | R | 3:10-6:00PM |

WOMEN IN SCI & ENGR BIOL 307 3 CR.
 PREREQ: A 200-LEVEL COURSE IN SCIENCE OR ENGR OR
 WOMEN'S STUDIES; ENGL 250
 MEETS U.S. DIVERSITY REQMT.
 1099005 TR 11:00-12:15

ECOLOGY BIOL 312 4 CR.
 PREREQ: 211L AND 212L

| | | | |
|---------|----|----|---------------|
| 2069005 | 1 | TR | 8:00-9:15 |
| | | | M 12:10-3:00 |
| 2069010 | 2 | TR | 8:00-9:15 |
| | | | M 3:10-6:00PM |
| 2069015 | 3 | TR | 8:00-9:15 |
| | | | T 9:25-12:15 |
| 2069020 | 4 | TR | 8:00-9:15 |
| | | | T 12:15-3:00 |
| 2069025 | 5 | TR | 8:00-9:15 |
| | | | T 3:10-6:00PM |
| 2069030 | 6 | TR | 8:00-9:15 |
| | | | W 12:10-3:00 |
| 2069040 | 7 | TR | 8:00-9:15 |
| | | | W 3:10-6:00PM |
| 2069045 | 8 | TR | 8:00-9:15 |
| | | | R 9:25-12:15 |
| 2069050 | 9 | TR | 8:00-9:15 |
| | | | R 12:15-3:00 |
| 2069055 | 10 | TR | 8:00-9:15 |
| | | | R 3:10-6:00PM |

PRINCIP OF GENETICS BIOL 313 3 CR.
 PREREQ: 211, 212
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIO
 313/301
 AND 313L/301L, GEN/AGRON 320
 9472005 1 MWF 8:00-8:50

GENETICS LABORATORY BIOL 313L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 313
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIO
 313/301
 AND 313L/301L, GEN/AGRON 320

| | | | |
|---------|---|----|-------------|
| 9473005 | 1 | MW | 1:10-2:30 |
| 9473010 | 2 | MW | 2:40-4:00 |
| 9473015 | 3 | MW | 5:10-6:30PM |
| 9473020 | 4 | MW | 6:30-7:50PM |
| 9473025 | 5 | TR | 9:00-10:20 |
| 9473030 | 6 | TR | 10:30-11:50 |

BIOLOGY

GENETICS LABORATORY BIOL 313L 1 CR.
 9473035 7 TR 1:10-2:30
 9473040 8 TR 2:40-4:00
 9473045 9 TR 5:10-6:30PM
 9473050 10 TR 6:40-8:00PM

PRIN MOLEC CELL BIO BIOL 314 3 CR.
 PREREQ: 313
 9474005 1 TR 8:00-9:15

MOLEC CELL BIOL LAB BIOL 314L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 314
 CREDIT FOR EITHER BBMB 311 OR BIOL 302L/314L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 9475005 1 T 10:00-1:00
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9475010 2 T 2:10-5:00
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9475015 3 T 6:10-9:00PM
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9475020 4 W 11:00-2:00
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9475025 5 W 3:10-6:00PM
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9475030 6 R 10:00-1:00
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9475035 7 R 2:10-5:00
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9475040 8 R 6:10-9:00PM
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

BIOLOGICAL EVOLUTN BIOL 315 3 CR.
 PREREQ: 313
 5604005 1 MWF 1:10-2:00

PRIN ANIM PHYSIOLGY BIOL 335 4 CR.
 PREREQ: 314
 CREDIT FOR EITHER BIOL 335 OR BIOL 306X,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

7095005 1 MWF 11:00-11:50
 T 12:10-3:00
 7095010 2 MWF 11:00-11:50
 W 12:10-3:00
 7095015 3 MWF 11:00-11:50
 W 3:10-6:00PM

ECO&EVOL ANIM PHYSL BIOL 336 3 CR.
 PREREQ: 211,212
 8850005 TR 11:00-12:15

ANIMAL BEHAVIOR BIOL 354 3 CR.
 PREREQ: 212
 7087005 1 MWF 10:00-10:50

BIOLOGY

LAB IN ANIML BEHAVR BIOL 354L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN BIOL 354
 5676005 1 T 1:10-4:00
 5676010 2 R 9:00-11:50

DENDROLOGY BIOL 356 4 CR.
 PREREQ: BIOL 211
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2079010 1 TR 11:00-11:50
 TR 12:10-2:00
 2079015 2 TR 11:00-11:50
 TR 3:10-5:00

BIOLOGY OF INVERTEB BIOL 364 3- 4 CR.
 PREREQ: 212
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 7097005 A MWF 9:00-9:50

VERTEBRATE BIOLOGY BIOL 365 4 CR.
 PREREQ: 212, 212L
 MATERIALS FEE \$15.00

1537005 1 MWF 9:00-9:50
 T 10:00-11:50
 1537010 2 MWF 9:00-9:50
 T 12:10-2:00
 1537015 3 MWF 9:00-9:50
 T 3:10-5:00
 1537020 4 MWF 9:00-9:50
 W 10:00-11:50
 1537025 5 MWF 9:00-9:50
 W 1:10-3:00
 1537030 6 MWF 9:00-9:50
 W 3:10-5:00
 1537035 7 MWF 9:00-9:50
 R 10:00-11:50

ECOLOGICAL METHODS BIOL 371 3 CR.
 PREREQ: A ECL 312; STAT 101 OR 104
 MATERIALS FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

1541005 1 MW 12:10-1:00
 T 9:00-11:50
 1541010 2 MW 12:10-1:00
 W 9:00-11:50

INTRO ENVIRNMTL SYS BIOL 381 4 CR.
 PREREQ: BIOL 211 OR MICRO 201, CHEM 164, 165,
 167, 178 OR 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

1093005 1 MWF 1:10-3:00
 SECTION 1 RESTRICTED TO ENSCA, ENSCS
 MAJORS
 1093010 2 MWF 1:10-3:00

INTL FIELD TRIP SEM BIOL 394A 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: TWO COURSES IN THE BIOLOGICAL SCIENCES
 AND BY APPROVAL OF APPLICATION
 FOR STUDENTS PARTICIPATING IN SPONSORED TRIPS
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3167010 AQ W 4:10-6:00PM
 ANTARCTICA
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

BIOLOGY

NEUROBIOLOGY BIOL 436 3- 4 CR.
 PREREQ: BIOL 335 OR PSYCH 310; RECOMMEND PHYSICS;
 PERMISSION OF INSTRUCTOR TO ENROLL IN LAB
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7107005 A TR 11:00-12:30

INTRO BIOINFORMATCS BIOL 444 4 CR.
 PREREQ: MATH 165 OR STAT 401 OR EQUIVALENT
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8544005 MWF 10:00-10:50
 R 1:10-3:00

PRINCIP OF MYCOLOGY BIOL 456 3 CR.
 PREREQ: 10 CREDITS IN BIOLOGICAL SCIENCES
 MATERIALS FEE \$35.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2096005 1 MW 11:00-11:50
 F 12:10-3:00

HERPETOLOGY BIOL 457 3 CR.
 PREREQ: A ECL 365 OR BIOL 351
 2128005 1 MW 11:00-11:50
 T 2:10-5:00

AQUATIC ECOLOGY BIOL 486 3 CR.
 PREREQ: 312 OR ENSCI 381 OR ENSCI 402 OR NREM 301
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1737005 TR 9:30-10:50

AQUATIC ECOLOGY LAB BIOL 486L 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 486
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1741005 1 T 12:10-3:00
 1741010 2 T 3:10-6:00PM

ID AQUATIC ORGANSMS BIOL 488 1 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4644005 1 ARRANGED
 DELIVERY IS WWW

IND STU BIOL RESRCH BIOL 490R 1- 6 CR.
 PREREQ: 8 CR IN BIOL & PERMISSION OF INSTRUCTOR
 NO MORE THAN 9 CREDITS IN BIOL 490 MAY BE APPLIED
 TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY
 BE
 APPLIED TO THE MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAB TEACHNG EXPERNC BIOL 491 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF SUPERVISING STAFF
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP BIOL 494 1- 3 CR.
 PREREQ: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCE;
 PERMISSION OF INSTRUCTOR
 FOR JUNIORS AND SENIORS MAJORING IN BIOLOGY ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

COOPERATIVE EDUC BIOL 498 R CR.
 PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
 4546005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

BIOMEDICAL SCIENCES

PRIN OF MORPHOLGY I B M S 330 5 CR.
 PREREQ: FIRST-YEAR CLASSIFICATION IN V MED
 7450005 M 2:10-3:00
 TR 1:10-2:00
 M 3:10-5:00
 TR 2:10-4:00

BIOMEDICAL SCIENC I B M S 333 6 CR.
 PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
 1927005 1 MTR 8:00-8:50
 W 9:00-9:50
 F 10:00-10:50
 T 9:00-12:00
 1927010 2 MTR 8:00-8:50
 W 9:00-9:50
 F 10:00-10:50
 R 9:00-12:00

CLINICL FOUNDATNS I B M S 339 1 CR.
 PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
 8112005 1 F 11:00-11:50
 T 9:00-10:50
 8112010 2 F 11:00-11:50
 R 9:00-10:50

CASE STUDY I B M S 345 1 CR.
 PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
 6018005 W 10:00-11:50

PHARMACOL&THERAPEUT B M S 443 3 CR.
 PREREQ: 354
 3521005 MTF 11:00-11:50

INDEPENDENT STUDY B M S 490 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS B M S 490H 1- 5 CR.
 PREREQ: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MTHD BIOMED SCI B M S 501 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF A
 B M S FACULTY MEMBER
 6978005 ARRANGED

PRIN MORPHOLOGY I B M S 530 5 CR.
 PREREQ: 10 CR IN BIOL SCIENCE & INSTR PERMISSION
 COURSE RESTRICTED TO COLLEGE OF VET MED GRAD
 STUDENTS
 6462005 M 2:10-3:00
 TR 1:10-2:00
 M 3:10-5:00
 TR 2:10-4:00

BIOMEDICAL SCIENCES

INTRO DNA TECHNIQS B M S 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7133005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:AUG 25-SEPT 24

INTRO CELL TECHNIQS B M S 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7135005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:NOV 3-DEC 10

INTR PROTEOMCS TCNQ B M S 542E 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7220005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:SEPT 29-OCT 29

PHARMACOL&THERAPEUT B M S 543 3 CR.
 PREREQ: 554
 3523005 MTF 11:00-11:50

ADV VERTB PHYSIOL I B M S 549 3 CR.
 PREREQ: BIOL 335, CREDIT OR ENROLLMENT IN
 BMB 420 OR 404
 7194005 MWF 9:00-9:50

CELL, M&DEV NEUROSCI B M S 556 3- 4 CR.
 PREREQ: BIOL 335 OR BIOL 436; PHYSICS RECOMMENDED
 MATERIALS FEE \$0.00-\$65.00
 1992015 A TR 2:10-3:30
 SECTION A OFFERED FOR 3 CREDITS
 1992020 B TR 2:10-3:30, ARRANGED
 SECTION B OFFERED FOR 4 CREDITS
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

CELL BIOLOGY B M S 575 3 CR.
 PREREQ: 10 CREDITS IN BIOLOGICAL SCIENCE AND
 PERMISSION OF INSTRUCTOR
 8534005 MW 1:10-2:25

SPCL TOPICS ANATOMY B M S 590A 1- 7 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PHYSIOLOGY B M S 590B 1- 7 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC PHARMACOL B M S 590C 1- 7 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS CELL BIOL B M S 590D 1- 7 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

CREATIVE COMPONENT B M S 599 1- 3 CR.
 PREREQ: ENROLLMENT IN B M S GRADUATE PROGRAM,
 PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH REVIEW B M S 688 1 CR.
 PREREQ: ENROLLMENT IN B M S GRADUATE PROGRAM
 8961005 ARRANGED

ADV TOPICS ANATOMY B M S 690A 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC PHYSIOLOGY B M S 690B 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC PHARMACOL B M S 690C 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPCS CELL BIOL B M S 690D 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR B M S 698A R CR.
 PREREQ: ENROLLMENT IN B M S GRADUATE PROGRAM
 5776005 R 12:10-1:00

SEMINAR B M S 698B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN B M S GRADUATE PROGRAM
 6995005 R 12:10-1:00

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

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

RESRCH PHARMACOLOGY B M S 699C VAR. CR.
 PREREQ: ENROLLMENT IN B M S GRADUATE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

BIORENEWABLE RESOURCES & TECHNOLOGY

BIOBASE PROD SEMINR BRT 506A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: UG TRAINING IN AN ENGR OR PHYSICAL OR
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR
 ECONOMICS
 6476005 ARRANGED

BIOBASE PROD SEMINR BRT 506B R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: UG TRAINING IN AN ENGR OR PHYSICAL OR
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR
 ECONOMICS
 6505005 ARRANGED

BIORENEWABLE RESOURCES & TECHNOLOGY

PRODUC&USE BIOFUELS BRT 545X 3 CR.
 PREREQ: 501 OR ONE COURSE IN ORGANIC CHEMISTRY
 9013005 TR 9:30-10:50

SPECIAL TOPICS BRT 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR OR MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIORENEW RSOURC LAB BRT 591L 1 CR.
 PREREQ: PERMISSION OF STUDENT'S MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD,ENERGY IN IOWA BRT 620X 4 CR.
 PREREQ: SUSAG 509 AND 610, PERMISSION OF
 INSTRUCTORS
 8863005 M 6:30-8:30PM
 ARRANGED

RESEARCH BRT 699 VAR. CR.
 PREREQ: PERMISSION OF STUDENT'S MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION

ORIENTATION BUSAD 101 .5 CR.
 SATISFACTORY-FAIL ONLY.
 CREDIT FOR EITHER BUSAD 101/101H OR BUSAD 102,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6144005 1 W 11:00-11:50
 SECT 1:1ST HALF
 6144010 2 M 8:00-8:50
 SECT 2:1ST HALF
 6144015 3 M 11:00-11:50
 SECT 3:1ST HALF
 6144020 4 W 8:00-8:50
 SECT 4:1ST HALF
 6144025 5 W 1:10-2:00
 SECT 5:1ST HALF
 6144030 6 M 10:00-10:50
 SECT 6:1ST HALF
 6144035 7 W 10:00-10:50
 SECT 7:1ST HALF
 6144040 8 M 1:10-2:00
 SECT 8:1ST HALF
 6144045 9 F 1:10-2:00
 SECT 9:1ST HALF
 6144050 10 F 10:00-10:50
 SECT 10:1ST HALF
 6144055 11 F 11:00-11:50
 SECT 11:1ST HALF
 6144060 12 W 11:00-11:50
 SECT 12:1ST HALF
 SECTION 12 RESTRICTED TO TRANSFER

STUDENTS ONLY

EXPANDED ORIENTATN BUSAD 102 1 CR.
 SATISFACTORY-FAIL ONLY.
 CREDIT FOR EITHER BUSAD 101/101H OR BUSAD 102,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 6245005 A M 11:00-11:50
 6245010 B F 8:00-8:50
 SECTION B FOR HONORS PROGRAM STUDENTS

ONLY

BUSINESS ADMINISTRATION

EXP DOMESTIC INTERN BUSAD 291A 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 PRIOR TO THE LEARNING EXPERIENCE
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6723010 MB ARRANGED
 6723015 RP ARRANGED
 6723005 TC ARRANGED

ENTREPRENSHP SEMINR BUSAD 292 1 CR.
 PREREQ: MEMBERSHIP OR APPLIED FOR MEMBERSHIP
 TO ENTREPRENEURSHIP AND INNOVATION LEARNING
 COMMUNITY
 8304005 T 9:30-10:45

PRO EMPLOYMENT PREP BUSAD 301 .5 CR.
 SATISFACTORY-FAIL ONLY.
 COURSE NOT OPEN TO GRADUATE STUDENTS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5618005 1 W 1:10-2:00

BIORENEWABLE SYSTMS BUSAD 325 3 CR.
 PREREQ: ECON 101, CHEM 155 OR HIGHER, MATH 140
 OR HIGHER
 4890005 A TR 2:10-3:30
 4890010 B TR 2:10-3:30
 SECTION B RESTRICTED TO AST MAJORS

ONLY 4890605 XH ARRANGED BRUMM T
 SECT XH:AUG 24-DEC 18
 FOR PERMISSION TO REGISTER CONTACT

LORI YOUNGBERG AT 515-294-7656 OR
 LYOUNG@IASTATE.EDU
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
<http://www.aged.iastate.edu/computer.htm>
 4890600 XW ARRANGED BRUMM T
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$149.00 IN ADDITION
 TO TUITION.
 FOR PERMISSION TO REGISTER CONTACT

LORI YOUNGBERG AT 515-294-7656 OR
 LYOUNG@IASTATE.EDU
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
[HTTP://WWW.AGDE.IASTATE.EDU/COMPUTER.HTM](http://www.agde.iastate.edu/computer.htm)

COOPERATIVE EDUC BUSAD 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 6147005 A ARRANGED
 PERMISSION OF COORDINATOR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10
 ALUMNI HALL

IND STUDY INT'L BUS BUSAD 490A 1- 3 CR.
 PREREQ: MGMT 414, MKT 448, TRLOG/LSCM 466 OR
 FIN 380; SENIOR CLASSIFICATION, INSTRUCTOR
 PERMISSION
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3097018 1 ARRANGED

IND STDY ENTREPRENR BUSAD 490E 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3635005 ARRANGED

BUSINESS ADMINISTRATION

BUSINESS ADMINISTRATION

SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

INDEPENDENT STUDY BUSAD 490G 1- 3 CR.
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3634005 ARRANGED

PRO EXPERIENTL LRNG BUSAD 591 1- 3 CR.
PREREQ: GRADUATE STANDING; WRITTEN APPROVAL OF
SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON
REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
7533015 DK ARRANGED
SECTION DK RESTRICTED TO BUSINESS

INDEP STUDY HONORS BUSAD 490H 1- 3 CR.
PREREQ: ADMISSION TO THE BUSINESS HONORS PROGRAM
COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
HONORS PROGRAM ONLY
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

COLLEGE GRADUATE STUDENTS
7533005 FD ARRANGED
SEC FD OFFERED FOR 1 CREDIT
DEPARTMENT PERMISSION REQUIRED;

EXP DOMESTC INTERNS BUSAD 491A 1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PROFESSIONAL PROGRAM, 12 CREDITS FROM
COLLEGE OF BUSINESS. WRITTEN APPROVAL OF
SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON
REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
6722010 MB ARRANGED
6722015 RP ARRANGED
6722020 TC ARRANGED

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
7533010 MP ARRANGED
DEPARTMENT PERMISSION REQUIRED;

EXP INT'L INTERNSHP BUSAD 491B 1- 3 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PROFESSIONAL PROGRAM, 12 CREDITS FROM
COLLEGE OF BUSINESS. WRITTEN APPROVAL OF
SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON
REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7512005 MB ARRANGED
7512010 RP ARRANGED
7512015 TC ARRANGED

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

MBA PRO SKILLS DEVE BUSAD 592 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ADMISSION TO FULL-TIME MBA PROGRAM
7958005 R T 9:30-10:45

STRATEGY & PLANNING BUSAD 501 2 CR.
PREREQ: ADMISSION TO MS IN SEED TECHNOLOGY AND
BUSINESS PROGRAM OR BY SPECIAL ARRANGEMENT WITH
INSTR
2234600 XW ARRANGED SHRADER B
SECT XW:AUG 24-DEC 18
DELIVERY FEE OF \$582 IN ADDITION TO
TUITION.
FOR PERMISSION TO REGISTER CONTACT
BRAD SHRADER AT 515-294-3050 OR CSHRADER@IASTATE.EDU
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

COOPERATIVE EDUCATN BUSAD 598 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7906005 ARRANGED

ORGANIZTNL BEHAVIOR BUSAD 507 2 CR.
PREREQ: ADMISSION TO MS IN SEED TECHNOLOGY AND
BUSINESS PROGRAM OR BY SPECIAL ARRANGEMENT WITH
INSTR
2323600 XW ARRANGED MULLEN E
SECT XW:AUG 24-DEC 18
DELIVERY FEE OF \$582 IN ADDITION TO
TUITION.
FOR PERMISSION TO REGISTER CONTACT
JIM WERVEL AT 515-294-8423 OR JWERBEL@IASTATE.EDU
SECTION XW IS OFF CAMPUS.
DELIVERY IS WWW

CREATIV COMP ACCNTG BUSAD 599A 3 CR.
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
***** SEE DEPT FOR REFERENCE NUMBERS

ACCOUNTING & FINANCE BUSAD 508 3 CR.
PREREQ: ADMISSION TO MS IN SEED TECHNOLOGY AND
BUSINESS PROGRAM OR BY SPECIAL ARRANGEMENT WITH
INSTR
2337600 XW ARRANGED CLEM A
SECT XW:AUG 24-DEC 18
DELIVERY FEE OF \$873 IN ADDITION TO
TUITION.
FOR PERMISSION TO REGISTER CONTACT
ANNE CLEM AT 515-294-9408 OR ACLEM@IASTATE.EDU

CREATIV COMP FINANC BUSAD 599C 3 CR.
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
***** SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MANAGMT BUSAD 599E 3 CR.
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
***** SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MARKTNG BUSAD 599F 3 CR.
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP LOGIST&SCM BUSAD 599H 3 CR.
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP MGT INF SY BUSAD 599K 3 CR.
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
***** SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER&SCM BUSAD 599L 3 CR.
PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION

RESEARCH BUSAD 699 3- 6 CR.
 PREREQ: GRAD CLASSIF, PERMISSION OF MAJOR PROF
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING

LEARNING COMMUNITY CH E 104 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN CH E LEARNING TEAM
 3630005 A W 3:10-4:00
 3630010 B R 2:10-3:00

MATRL &ENERGY BALNC CH E 210 3 CR.
 PREREQ: CHEM 178, MATH 166
 2429005 A MWF 10:00-10:50
 2429010 B MWF 1:10-2:00

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

SEMINAR CH E 302 1 CR.
 PREREQ: JUNIOR CLASSIFICATION IN CH E
 2432005 R 3:40-4:30

COMPUT MTHDS CHEM E CH E 310 3 CR.
 PREREQ: 210 AND ENGR 160
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2104005 A TR 8:00-9:15

CHEMICAL ENGR LAB I CH E 325 2 CR.
 PREREQ: 357, CREDIT OR ENROLLMENT IN 381
 MATERIALS FEE \$65.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5699005 A TR 10:00-11:50
 5699010 B TR 12:10-2:00

TRANSPRT PHENOMEN I CH E 356 3 CR.
 PREREQ: 210, PHYS 221, CR OR ENR IN MATH 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2435005 A MWF 8:00-8:50

TRANSPRT PHENOMN II CH E 357 3 CR.
 PREREQ: 356, CREDIT OR ENROLLMENT IN 310
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2436005 A MWF 2:10-3:00
 2436010 B MWF 2:10-3:00

SEPARATIONS CH E 358 3 CR.
 PREREQ: 310, 357
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2437005 A MWF 1:10-2:00

CH E THERMODYNAMICS CH E 381 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 310, MATH 267,
 PHYS 222, CHEM 325
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2438005 A MWF 9:00-9:50
 2438010 B MWF 9:00-9:50

CHEMICAL ENGINEERING

CHEMICAL REACTN ENGR CH E 382 3 CR.
 PREREQ: CR IN 310, 381, CR OR ENROLLMENT IN 357
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2439005 A MWF 3:10-4:00

ENGINEER INTERNSHIP CH E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT EACH TIME TAKEN
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC CH E 398 R CR.
 PREREQ: 298, PERMISSN OF DEPARTMT EACH TIME TAKEN
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIR CHEMODYNAMICS CH E 406 3 CR.
 PREREQ: 381, CREDIT OR ENROLLMENT IN 358
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4532005 A TR 12:40-2:00

SURFAC&COLLOID CHEM CH E 408 3 CR.
 PREREQ: 381 OR EQUIVALENT
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2106005 MWF 11:00-11:50

PROCESS CONTROL CH E 421 3 CR.
 PREREQ: CREDIT OR ENROLLMNT IN 358, 382, MATH 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2447005 A MWF 12:10-1:00

CHEMICAL ENGR LAB II CH E 426 2 CR.
 PREREQ: 325, 358, 382
 COURSE RESTRICTED TO CH E SENIORS GRADUATING F'09
 CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT
 BOTH,
 MAY BE APPLIED TOWARD GRADUATION
 MATERIALS FEE \$70.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2448005 A T 2:10-6:00PM
 2448010 B R 2:10-6:00PM

PROCES&PLANT DESIGN CH E 430 4 CR.
 PREREQ: 358,382
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2449005 A TR 9:00-9:50
 TR 10:00-11:50

INDEPENDENT STUDY CH E 490 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS CH E 490H 1- 6 CR.
 PREREQ: MEMBERSHIP IN THE HONORS PROGRAM
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

CHEMICAL ENGINEERING

UNDERGRAD RESEARCH CH E 499 3 CR.
 PREREQ: PERMISSION OF DEPARTMENT
 NO MORE THAN 6 CREDITS OF CH E 499 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SURFAC&COLLOID CHEM CH E 508 3 CR.
 2135005 MWF 11:00-11:50

ANALYT&NUMERC METHD CH E 545 3 CR.
 PREREQ: 358, MATH 267
 2463005 A MWF 10:00-10:50

TRANSPORT PHENOMENA CH E 554 4 CR.
 PREREQ: 357, 381, MATH 267, CR OR ENR IN CH E 545
 8238005 MTWF 9:00-9:50

ADV THERMODYNAMICS CH E 583 3 CR.
 PREREQ: 381
 2467005 A TR 2:10-3:30

CREATIVE COMPONENT CH E 599 VAR. CR.
 2478005 A ARRANGED

SEMINAR CH E 601 R CR.
 SATISFACTORY-FAIL ONLY.
 2479005 A R 11:00-11:50

ENGINEER INTERNSHIP CH E 697 R CR.
 PREREQ: PERMISSION OF MAJOR PROF, GRAD CLASSIF
 2116005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

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

CHEMISTRY

COLLEGE CHEM PREP CHEM 50 0 CR.
 PREREQ: ONE YEAR OF HIGH SCHOOL ALGEBRA
 DEVELOPMENTAL CHEM FEE APPLIES. SEE FEES INFO AT
[HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/OTHFEE.SHTML](http://www.iastate.edu/~registrar/fees/othfee.shtml)
 CREDIT FOR CHEM 50 DOES NOT APPLY TOWARD
 GRADUATION.
 4523005 1 TR 10:00-10:50
 W 9:00-9:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem50/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem50/syllabus>
 4523010 2 TR 10:00-10:50
 W 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem50/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem50/syllabus>
 4523015 3 TR 10:00-10:50
 W 11:00-11:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem50/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem50/syllabus>
 4523020 4 TR 10:00-10:50
 W 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem50/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem50/syllabus>

CHEMISTRY

FOUNDTNS FOR ENGR I CHEM 155 3 CR.
 NIGHT EXAMINATIONS SCHEDULED. PREREQ: MATH 140 OR THE HIGH
 SCHOOL EQUIVALENT COURSE RESTRICTED TO ENGR COLLEGE
 MAJORS. CHEM 155 MAY NOT BE COUNTED FOR CREDIT TOWARD
 GRADUATION IN ANY ENGINEERING CURRICULUM. CREDIT FOR ONLY
 ONE OF CHEM 155, 163, 167, 177, 201 (AND ACCOMPANYING
 LABS) MAY BE APPLIED TOWARD GRADUATION.
 4049005 1 MW 12:10-1:00
 T 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem155/syllabu>
 4049010 2 MW 12:10-1:00
 T 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155/syllabus>
 4049015 3 MW 12:10-1:00
 T 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155>
 /syllabu
 4049020 4 MW 12:10-1:00
 T 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155>
 /syllabu
 4049025 5 MW 12:10-1:00
 T 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155>
 /syllabu
 4049030 6 MW 12:10-1:00
 T 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155>
 /syllabu
 4049035 7 MW 12:10-1:00
 T 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155>
 /syllabu
 4049040 8 MW 2:10-3:00
 T 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155/syllabu>
 4049045 9 MW 2:10-3:00
 T 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155>
 /syllabu
 4049050 10 MW 2:10-3:00
 T 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155/syllabu>
 4049055 11 MW 2:10-3:00
 T 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155>
 /syllabu
 4049060 12 MW 2:10-3:00
 T 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155>
 /syllabu
 4049065 13 MW 2:10-3:00
 T 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155/syllabu>
 4049070 14 MW 2:10-3:00
 T 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155/syllabu>
 4049075 15 MW 2:10-3:00
 T 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>

CHEMISTRY

FOUNDNS FOR ENGR I CHEM 155 3 CR.
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155/syllabu>
 4049080 16 MW 2:10-3:00
 T 4:10-5:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155/syllabu>
 4049085 17 MW 2:10-3:00
 T 4:10-5:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem155>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem155/syllabu>

COLLEGE CHEMISTRY I CHEM 163 4 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 1 YR H.S. ALGEBRA AND GEOMETRY AND EITHER
 CHEM 50 OR 155 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR
 ENROLLMENT IN 163L
 CREDIT FOR ONLY ONE OF CHEM 155,163,167,177,201
 (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD
 GRADUATION. ONLY ONE OF CHEM 163,165,167,177,201
 (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD
 GRADUATION. TESTOUT NOT AVAILABLE TO STUDENTS
 ALSO REGISTERED. DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 2489015 1 MWF 8:00-8:50
 W 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489020 2 MWF 8:00-8:50
 W 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489025 3 MWF 8:00-8:50
 W 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489030 4 MWF 8:00-8:50
 W 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489035 5 MWF 8:00-8:50
 W 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489040 6 MWF 8:00-8:50
 W 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489045 7 MWF 8:00-8:50
 W 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489050 8 MWF 8:00-8:50
 W 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489055 9 MWF 8:00-8:50
 W 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489060 10 MWF 8:00-8:50
 W 4:10-5:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489065 11 TR 9:30-10:45
 W 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>

CHEMISTRY

COLLEGE CHEMISTRY I CHEM 163 4 CR.
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489070 12 TR 9:30-10:45
 W 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489075 13 TR 9:30-10:45
 W 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>

W 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489085 15 TR 9:30-10:45
 W 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489090 16 TR 9:30-10:45
 W 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>
 2489095 17 TR 9:30-10:45
 W 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163/syllabu>

GENERAL CHEM LAB I CHEM 163L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 163
 MUST BE ACCOMPANIED BY CHEM 163 UNLESS STUDENT
 ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF
 THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION:
 CHEM 163L, CHEM 167L, CHEM 177L.
 MATERIALS FEE \$33.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2490005 1 M 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490010 2 M 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490015 3 M 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490020 4 M 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490025 5 T 9:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490030 6 T 12:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490035 7 T 12:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490040 8 T 3:10-6:00PM
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

CHEMISTRY

GENERAL CHEM LAB I CHEM 163L 1 CR.
 /syllabus.html
 2490045 9 T 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490050 10 W 9:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490055 11 W 9:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490060 12 W 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490065 13 W 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490070 14 W 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490075 15 W 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490080 16 R 9:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490085 17 R 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490090 18 R 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490095 19 R 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

ENGNRS GENERAL CHEM CHEM 167 4 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: MATH 140 OR THE HIGH SCHOOL EQUIV AND ONE
 YEAR OF TRADITIONAL COLLEGE PREP CHEM OR CHEM 50
 COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY.
 CREDIT FOR ONLY ONE OF CHEM 163,165,167,177,201
 (AND LABS) MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY
 ONE OF CHEM 155,163,167,177,201 (AND LABS)
 MAY BE APPLIED TOWARD GRADUATION. TESTOUT NOT AVAILABLE TO
 STUDENTS ALSO REGISTERED.
 2493005 1 MW 12:10-1:00
 TR 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493030 2 MW 12:10-1:00
 TR 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>

CHEMISTRY

ENGNRS GENERAL CHEM CHEM 167 4 CR.
 2493035 3 MW 12:10-1:00
 TR 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493040 4 MW 12:10-1:00
 TR 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493045 5 MW 12:10-1:00
 TR 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493050 6 MW 12:10-1:00
 TR 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493055 7 MW 12:10-1:00
 TR 12:10-1:00
 SEC 7 RESTRICTED TO HONORS PROGRAM STUDENTS
 ONLY
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493060 8 MW 12:10-1:00
 TR 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493065 9 MW 12:10-1:00
 TR 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493070 10 MW 12:10-1:00
 TR 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493075 11 MW 12:10-1:00
 TR 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493080 12 MW 12:10-1:00
 TR 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493085 13 MW 3:10-4:00
 TR 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493090 14 MW 3:10-4:00
 TR 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493095 15 MW 3:10-4:00
 TR 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493100 16 MW 3:10-4:00
 TR 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493105 17 MW 3:10-4:00
 TR 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493110 18 MW 3:10-4:00
 TR 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>

CHEMISTRY

ENGNRS GENERAL CHEM CHEM 167 4 CR.
 2493115 19 MW 3:10-4:00
 TR 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167/syllabu>
 2493120 20 MW 3:10-4:00
 TR 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem167/syllabu>
 2493125 21 MW 3:10-4:00
 TR 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem167/syllabu>

ENGINR GEN CHEM LAB CHEM 167L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 167 OR 165
 COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY.
 CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY
 BE APPLIED TOWARD GRADUATION: CHEM 163L, 167L, 177L.
 MATERIALS FEE \$33.00
 2494005 1 T 9:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494010 2 T 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494015 3 T 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494020 4 W 9:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494025 5 W 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494030 6 R 9:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494035 7 R 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494040 8 R 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494045 9 F 9:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

GENERAL CHEMISTRY I CHEM 177 4 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: MATH 140 OR H.S. EQUIVALENT AND CHEM 50,
 155 OR 1 YR H.S. CHEM AND CR OR ENROLLMENT IN 177L.
 CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
 CREDIT FOR ONLY ONE OF CHEM 163,165,167,177,201
 (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD
 GRADUATION. ONLY ONE OF CHEM 155,163,167,177,201 (AND
 ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION.
 TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.

CHEMISTRY

DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2495015 1 MWF 9:00-9:50
 R 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495020 2 MWF 9:00-9:50
 R 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495025 3 MWF 9:00-9:50
 R 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495030 4 MWF 9:00-9:50
 R 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495035 5 MWF 9:00-9:50
 R 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495040 6 MWF 9:00-9:50
 R 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495045 7 MWF 9:00-9:50
 R 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495050 8 MWF 9:00-9:50
 R 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495055 9 MWF 9:00-9:50
 R 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495060 10 MWF 9:00-9:50
 R 4:10-5:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495065 11 MWF 9:00-9:50
 R 5:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495070 12 MWF 1:10-2:00
 R 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495075 13 MWF 1:10-2:00
 R 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495080 14 MWF 1:10-2:00
 R 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495085 15 MWF 1:10-2:00
 R 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495090 16 MWF 1:10-2:00
 R 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>

CHEMISTRY

GENERAL CHEMISTRY I CHEM 177 4 CR.
 2495095 17 MWF 1:10-2:00
 R 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495046 18 MWF 1:10-2:00
 R 12:10-1:00
 SEC 18 RESTRICTED TO HONORS PROGRAM STUDENTS

ONLY
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495096 19 MWF 1:10-2:00
 R 1:10-2:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495041 20 MWF 1:10-2:00
 R 1:10-2:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495042 21 MWF 1:10-2:00
 R 2:10-3:00
 SEC 21 RESTRICTED TO HONORS PROGRAM STUDENTS

ONLY
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495100 22 MWF 1:10-2:00
 R 3:10-4:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495105 23 MWF 1:10-2:00
 R 4:10-5:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495110 24 MW 4:10-5:30
 R 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495115 25 MW 4:10-5:30
 R 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495120 26 MW 4:10-5:30
 R 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495125 27 MW 4:10-5:30
 R 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495130 28 MW 4:10-5:30
 R 12:10-1:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495135 29 MW 4:10-5:30
 R 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495140 30 MW 4:10-5:30
 R 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495145 31 MW 4:10-5:30
 R 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495150 32 MW 4:10-5:30
 R 4:10-5:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>

CHEMISTRY

GENERAL CHEMISTRY I CHEM 177 4 CR.
 2495155 33 MW 4:10-5:30
 R 4:10-5:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495160 34 MW 4:10-5:30
 R 5:10-6:00PM
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495165 35 MW 4:10-5:30
 R 5:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495170 36 MWF 11:00-11:50
 R 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495175 37 MWF 11:00-11:50
 R 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495180 38 MWF 11:00-11:50
 R 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495185 39 MWF 11:00-11:50
 R 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495190 40 MWF 11:00-11:50
 R 5:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabu>

LAB GENERAL CHEM I CHEM 177L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 177
 CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS
 STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY
 ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD
 GRADUATION: CHEM 163L,167L,177L.
 MATERIALS FEE \$33.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2496005 1 M 9:00-11:50
 SEC 1 RESTRICTED TO HONORS PROGRAM STUDENTS

ONLY
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496010 2 M 9:00-11:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496015 3 M 12:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496020 4 M 12:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496025 5 M 12:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496030 6 M 3:10-6:00PM
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

CHEMISTRY

LAB GENERAL CHEM I CHEM 177L 1 CR.
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496165 40 R 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496170 41 W 9:00-11:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496175 42 M 9:00-11:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496180 43 M 12:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496185 44 W 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496190 45 R 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496195 46 R 3:10-6:00PM
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

GENERAL CHEM LAB CHEM 177N 1 CR.
 PREREQ: FOR CHEMISTRY AND BIOCHEMISTRY MAJORS.
 CREDIT OR ENROLLMENT FOR CREDIT IN 177.
 CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: CHEM 163L,
 CHEM 167L, CHEM 177L77N.
 MATERIALS FEE \$33.00
 2498005 1 R 9:00-11:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177n/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177n/syllabus.html>
 2498010 2 R 3:10-6:00PM
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem177n/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem177n/syllabus.html>

GENERAL CHEMISTRY II CHEM 178 3 CR.
 PREREQ: 177, 177L
 TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED
 CREDIT FOR EITHER CHEM 164 (AND 164L) OR 178 (AND
 178L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 2499005 1 TR 9:00-9:50
 F 8:00-8:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499010 2 TR 9:00-9:50
 F 9:00-9:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499015 3 TR 9:00-9:50
 F 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>

CHEMISTRY

GENERAL CHEMISTRY II CHEM 178 3 CR.
 2499016 4 TR 9:00-9:50
 F 10:00-10:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499017 5 TR 9:00-9:50
 F 10:00-10:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499013 6 TR 9:00-9:50
 F 11:00-11:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499020 7 TR 9:00-9:50
 F 11:00-11:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499025 8 TR 9:00-9:50
 F 12:10-1:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499030 9 TR 9:00-9:50
 F 12:10-1:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499035 10 TR 9:00-9:50
 F 8:00-8:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178/syllabus.html>

LAB GENERAL CHEMIST CHEM 178L 1 CR.
 PREREQ: 177L AND CREDIT OR ENROLLMENT IN 178.
 178L IS NOT A NECESSARY COREQUISITE WITH 178.
 CREDIT FOR EITHER CHEM 164L OR CHEM 178L, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 MATERIALS FEE \$33.00
 2500005 1 M 3:10-6:00PM
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 2500010 2 T 12:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 2500015 3 T 3:10-6:00PM
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 2500020 4 W 12:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 2500025 5 W 3:10-6:00PM
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 2500030 6 R 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 2500035 7 R 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>

CHEMISTRY

ADV GENERAL CHEM CHEM 201 5 CR.
 PREREQ: MATH 140 OR HIGH SCHOOL EQUIVALENT, ONE YEAR HIGH SCHOOL CHEM. CONCURRENT ENROLLMENT IN 201L.
 FOR CHEMISTRY MAJORS - OTHERS BY PERMISSION OF INSTRUCTOR. CREDIT FOR ONLY ONE OF CHEM 163,165,167, 201 (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF CHEM 155,163,167, 177,201 (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION.
 2353005 1 MTWR 1:10-2:00
 F 1:10-2:00
 SECTION 1: MUST ALSO ENROLL IN SECTION 1 OF CHEM 201L
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem201/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem201/syllabu>
 2353010 2 MTWR 1:10-2:00
 F 1:10-2:00
 SECTION 2: MUST ALSO ENROLL IN SECTION 2 OF CHEM 201L
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem201/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem201/syllabus.html>

LAB ADV GENRL CHEM CHEM 201L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT FOR CREDIT IN 201 MATERIALS FEE \$40.00
 7733005 1 M 9:00-11:50
 SECTION 1: MUST ALSO ENROLL IN SECTION 1 OF CHEM 201
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem2011/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem2011/syllabus.html>
 7733010 2 W 9:00-11:50
 SECTION 2: MUST ALSO ENROLL IN SECTION 2 OF CHEM 201
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem2011/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem2011/syllabus.html>

QUANT&ENVIRO ANALYS CHEM 211 2 CR.
 PREREQ: 164 AND 164L, CREDIT OR ENROLLMENT IN 178, OR 201 AND 201L; AND CONCURRENT ENROLLMENT IN 211L
 2503005 1 MW 11:00-11:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem211/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem211/syllabu>

QNT&ENVIRO ANALY LAB CHEM 211L 2 CR.
 PREREQ: 164, 164L, CREDIT OR ENROLLMENT IN 178, OR 201 AND 177N; CONCURRENT ENROLLMENT IN 211L MATERIALS FEE \$40.00
 3678005 1 MW 12:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem2111/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem2111/syllabus.html>
 3678010 2 TR 9:00-11:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem2111/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem2111/syllabus.html>
 3678015 3 TR 12:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem2111/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem2111/syllabus.html>

ELEM ORGANIC CHEM CHEM 231 3 CR.
 PREREQ: 163,163L, OR 177,177L; CR OR ENR IN 231L CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231 (AND 231L) OR CHEM 331 (AND 331L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2504005 MWF 9:00-9:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem231>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem231/syllabu>

ELEM ORGNC CHEM LAB CHEM 231L 1 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CREDIT OR ENROLLMENT FOR CREDIT IN 231; 163L OR 177L
 CREDIT FOR EITHER CHEM 331L OR CHEM 231L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION MATERIALS FEE \$40.00
 7900005 1 M 3:10-4:00
 M 4:10-6:00PM
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem2311/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>
 7900010 2 T 9:00-9:50
 T 10:00-11:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem2311/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem2311/syllabus.html>
 7900015 3 T 12:10-1:00
 T 1:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem2311/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>
 7900020 4 W 3:10-4:00
 W 4:10-6:00PM
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem2311/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>
 7900025 5 R 9:00-9:50
 R 10:00-11:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem2311/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>
 7900030 6 R 12:10-1:00
 R 1:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem2311/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem2311/syllabus.html>

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

INSTRUMTL MTH ANALY CHEM 316 2 CR.
 PREREQ: 211, 211L, MATH 166, AND CONCURRENT ENROLLMENT IN 316L; PHYS 222 RECOMMENDED AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2509005 1 MW 9:00-9:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem316/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem316/syllaus>

CHEMISTRY

INSTRUMN ANALYS LAB CHEM 316L 2 CR.
 PREREQ: CREDIT OR ENROLLMENT IN CHEM 316
 MATERIALS FEE \$48.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3686005 1 MW 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem3161/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem3161/syllabus.html>

3686010 2 TR 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem3161/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem3161/syllabus.html>

3686015 3 TR 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem3161/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem3161/syllabus.html>

INTR QUANTUM MECHAN CHEM 324 3 CR.
 PREREQ: 178, MATH 166, PHYS 222 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5202005 1 MWF 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem324/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem324/syllabu>

CHEMICL THERMODYNAM CHEM 325 3 CR.
 PREREQ: 178, MATH 166, PHYS 222 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5224005 1 MWF 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem325/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem325/syllabu>

ORGANIC CHEMISTRY I CHEM 331 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 178 OR 201, ENROLLMENT IN 331L HIGHLY
 RECOMMENDED CREDIT FOR EITHER CHEM 331 (AND 331L) OR
 CHEM 231 (AND 231L), BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2516005 1 MWF 10:00-10:50
 F 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabu>

2516015 2 MWF 10:00-10:50
 F 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabu>

2516020 3 MWF 10:00-10:50
 F 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabu>

2516025 4 MWF 10:00-10:50
 M 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabu>

2516030 5 MWF 10:00-10:50
 M 1:10-2:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem331/syllabus.html>

2516035 6 MWF 10:00-10:50
 M 4:10-5:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem331/syllabus.html>

2516040 7 MWF 10:00-10:50
 T 9:00-9:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem331/syllabus.html>

CHEMISTRY

ORGANIC CHEMISTRY I CHEM 331 3 CR.
 2516045 8 MWF 10:00-10:50
 T 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabu>

2516050 9 MWF 10:00-10:50
 T 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabu>

2516055 10 TR 2:10-3:30
 F 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabu>

2516060 11 TR 2:10-3:30
 F 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabu>

2516065 12 TR 2:10-3:30
 M 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabu>

2516070 13 TR 2:10-3:30
 M 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabu>

2516075 14 TR 2:10-3:30
 T 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabu>

LAB ORGANIC CHEM I CHEM 331L 1 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CREDIT OR ENROLLMENT FOR CREDIT IN 331,
 177L
 CREDIT FOR EITHER CHEM 331L OR CHEM 231L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 MATERIALS FEE \$48.00
 5270005 1 M 12:10-1:00
 M 1:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

5270010 2 M 3:10-4:00
 M 4:10-6:00PM
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

5270015 3 T 9:00-9:50
 T 10:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

5270020 4 T 12:10-1:00
 T 1:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

5270025 5 W 3:10-4:00
 W 4:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

5270030 6 W 6:00-6:50PM
 W 7:00-9:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

CHEMISTRY

LAB ORGANIC CHEM I CHEM 331L 1 CR.
5270035 7 R 9:00-9:50
R 10:00-11:50
SECTION INFO:
<http://avogadro.chem.iastate.edu/chem3311/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem3311/syllabus.html>

5270040 8 R 12:10-1:00
R 1:10-3:00
SECTION INFO:
<http://avogadro.chem.iastate.edu/chem3311/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem3311/syllabus.html>

5270045 9 R 3:10-4:00
R 4:10-6:00PM
SECTION INFO: <http://avogadro.chem.iastate.edu/chem3311/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem3311/syllabus.html>

5270050 10 R 6:00-7:00PM
R 7:00-9:00PM
SECTION INFO: <http://avogadro.chem.iastate.edu/chem3311/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem3311/syllabus.html>

5270055 11 W 9:00-9:50
W 10:00-11:50
SECTION INFO: <http://avogadro.chem.iastate.edu/chem3311/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem3311/syllabus.html>

5270060 12 T 6:00-7:00PM
T 7:00-9:00PM
SECTION INFO: <http://avogadro.chem.iastate.edu/chem3311/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem3311/syllabus.html>

ORGANIC CHEMISTRY II CHEM 332 3 CR.
PREREQ: 331, ENROLLMNT IN 332L HIGHLY RECOMMENDED
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2517005 1 MWF 11:00-11:50
M 2:10-3:00
SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem332/syllabus.html>

2517010 2 MWF 11:00-11:50
M 4:10-5:00
SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem332/syllabus.html>

2517015 3 MWF 11:00-11:50
T 9:00-9:50
SECTION INFO:
<http://avogadro.chem.iastate.edu/chem332/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem332/syllabus.html>

2517020 4 MWF 11:00-11:50
T 11:00-11:50
SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem332/syllabus.html>

2517025 5 MWF 11:00-11:50
T 12:10-1:00
SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem332/syllabus.html>

LAB ORGANIC CHEM II CHEM 332L 1 CR.
NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 331L, CREDIT OR ENROLLMENT FOR CREDIT IN 332
MATERIALS FEE \$48.00
5272005 1 T 3:10-4:00
T 4:10-6:00PM
SECTION INFO:
<http://avogadro.chem.iastate.edu/chem332l/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>

CHEMISTRY

LAB ORGANIC CHEM II CHEM 332L 1 CR.
5272010 2 W 12:10-1:00
W 1:10-3:00
SECTION INFO: <http://avogadro.chem.iastate.edu/chem332l/>
SYLLABUS:
<http://avogadro.chem.iastate.edu/chem332l/syllabus.html>

LAB ORGANIC CHEM II CHEM 333L 2 CR.
PREREQ: CREDIT OR ENROLLMENT FOR CREDIT IN 331
RESTRICTED TO CHEM, BIOCH, BIOPH, AGBIO MAJORS
MATERIALS FEE \$48.00
5271005 1 MW 12:10-1:00
MW 1:10-3:00
SECTION INFO: <http://avogadro.chem.iastate.edu/chem333l/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem333l/syllabus.html>

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

INORGANIC CHEM LAB CHEM 401L 1 CR.
PREREQ: 301
MATERIALS FEE \$48.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2524005 1 T 3:10-7:00PM
SECTION INFO: <http://avogadro.chem.iastate.edu/chem401l/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem401l/syllabus.html>

2524010 2 R 3:10-7:00PM
SECTION INFO:
<http://avogadro.chem.iastate.edu/chem401l/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem401l/syllabus.html>

2524015 3 F 1:10-5:00
SECTION INFO: <http://avogadro.chem.iastate.edu/chem401l/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem401l/syllabus.html>

ADV INORGANIC CHEM CHEM 402 3 CR.
PREREQ: 301; 331 RECOMMENDED
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2525005 1 TR 9:30-10:50
SECTION INFO:
<http://avogadro.chem.iastate.edu/chem402/>
SYLLABUS:
<http://avogadro.chem.iastate.edu/chem402/syllabus.html>

INDEPENDENT STUDY CHEM 490 VAR. CR.
PREREQ: COMPLETION OF 6 CREDITS IN CHEM AT THE
300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION
NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE
APPLIED TOWARD GRADUATION
2527005 ARRANGED

COOPERATIVE EDUCATION CHEM 498 R CR.
PREREQ: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4841005 ARRANGED

CHEMISTRY

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

INORGANC PREPARATNS CHEM 501L 1 CR.
 PREREQ: 402
 2530005 1 T 3:10-7:00PM
 2530010 2 R 3:10-7:00PM

ADV INORGANIC CHEM CHEM 502 3 CR.
 PREREQ: 301; 331 RECOMMENDED
 8155005 1 TR 9:30-10:50

ADV QUANT ANALYSIS CHEM 511 3 CR.
 PREREQ: 316 AND 316L
 2536005 MWF 8:00-8:50

ANALYTIC SEPARATION CHEM 516 3 CR.
 PREREQ: 316, 316L, 324, 322L
 2539005 MWF 10:00-10:50

ORGANIC SYNTHESI II CHEM 532 2 CR.
 PREREQ: 531
 9501005 MF 9:00-9:50

PHYS ORGANIC CHEM I CHEM 537 3 CR.
 PREREQ: 332
 2542005 A MW 1:30-3:00

FUND QUANTM MECHANC CHEM 561 4 CR.
 PREREQ: 324
 2548005 MW 10:00-11:50

SPECTRO ID ORG CMPD CHEM 572 3 CR.
 PREREQ: 332
 2555005 TR 2:10-3:00
 S 10:00-11:50

INTRO TO CHEM RSRCH CHEM 579 R CR.
 8083005 TR 8:00-8:50
 F 12:10-1:00

INTRO COMPU QUANTUM CHEM 580 3 CR.
 PREREQ: 324
 8438050 TR 9:30-10:50

CHEMICAL GROUP THRY CHEM 583 1 CR.
 PREREQ: 324
 5657005 A T 11:00-11:50

CURRENT TOPICS CHEM CHEM 589 R CR.
 3778005 R 8:00-8:50PM

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

CHEMISTRY

SEMINR INORGNC CHEM CHEM 600 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2563005 W 4:10-5:30

SEL TOPC INORG CHEM CHEM 601 1- 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 2564005 TR 11:00-11:50
 1ST HALF

SEMNR ANALYTIC CHEM CHEM 611 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2565005 F 2:30-4:00

SEMINR ORGANIC CHEM CHEM 631 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2566005 F 1:10-2:30

SELECT TOP ORG CHEM CHEM 632 1- 2 CR.
 PREREQ: 537
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 2567005 A T 4:30-5:30

SEMNR PHYSICAL CHEM CHEM 660 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2568005 F 4:10-5:30

RESEARCH CHEM 699 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHINESE

ELEM MAND CHINESE I CHIN 101 5 CR.
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 7373005 1 MTWRF 9:00-9:50
 7373010 2 MTWRF 10:00-10:50
 7373015 3 MTWRF 11:00-11:50
 7373020 4 MTWRF 1:10-2:00
 7373025 5 MTWRF 3:10-4:00

INTMD MAND CHINES I CHIN 201 5 CR.
 PREREQ: 102
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7767005 1 MTWRF 9:00-9:50
 7767010 2 MTWRF 3:10-4:00

ADV CHINESE READ I CHIN 301 3 CR.
 PREREQ: 202 OR EQUIVALENT
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 6636005 1 TR 2:10-3:30

CHINESE LIT IN ENGL CHIN 370 3 CR.
 PREREQ: ENGL 105 OR EQUIVALENT
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8179005 MW 3:10-4:30
 TOPIC: CHINESE CINEMA AND FICTION

CHINESE

INDEPENDENT STUDY CHIN 490 1- 6 CR.
 PREREQ: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING

TECHNICAL LECTURE C E 101 R CR.
 SATISFACTORY-FAIL ONLY.
 2904005 1 ARRANGED

FUND OF SURVEYING I C E 111 3 CR.
 PREREQ: 160, CR OR ENR IN ENGR 170 OR C E 170,
 MATH 165, CREDIT OR ENR IN C E 105 FOR C E MAJORS
 COURSE RESTRICTED TO C E, CON E MAJORS ONLY
 7242005 1 MF 2:10-3:00
 T 12:10-3:00
 7242010 2 MF 2:10-3:00
 W 12:10-3:00
 7242015 3 MF 2:10-3:00
 T 8:00-10:50
 7242020 4 MF 2:10-3:00
 R 3:10-6:00PM
 7242025 5 MF 2:10-3:00
 R 8:00-10:50

CIVIL ENGR LRN COMM C E 120 R CR.
 SATISFACTORY-FAIL ONLY.
 8518005 1 R 4:10-6:00PM

ENGR PROB CMPUT LAB C E 160 3 CR.
 PREREQ: MATH 141, 142 OR SATISFACTORY SCORES
 ON MATH PLACEMENT EXAMS; CR OR ENRLMT IN MATH 165
 COURSE RESTRICTED TO C E, CON E MAJORS ONLY
 2911005 1 MW 10:00-11:50
 2911010 2 TR 3:10-5:00
 2911015 3 MW 12:10-2:00
 2911020 4 MW 3:10-5:00

CIVIL ENGR GRAPHICS C E 170 2 CR.
 PREREQ: MATH 165, CREDIT OR ENROLLMENT IN C E 105
 COURSE RESTRICTED TO C E, CON E MAJORS ONLY
 3515005 1 TR 8:00-9:50
 3515010 2 TR 12:10-2:00

COOPERATIVE EDUC C E 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT & ENGR CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRIN ENVIRONMT ENGR C E 326 3 CR.
 PREREQ: CHEM 167 OR 178, MATH 166, CREDIT OR
 ENROLLMENT IN E M 378
 COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2284005 1 MF 10:00-10:50
 W 2:10-4:00
 2284010 2 MF 10:00-10:50
 W 10:00-11:50
 2284600 XE ARRANGED ELLIS T
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDTION TO

TUITION. COURSE DELIVERY IS VIDEOSTREAMING.
 ONLINE REGISTRATION IS RESTRICTED TO
 DISTANCE STUDENTS. ALL OTHERS CONTACT EDE AT 515-294-
 7470 FOR

CIVIL ENGINEERING

PRIN ENVIRONMT ENGR C E 326 3 CR.
 PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

STRUCTURAL ANALYS I C E 332 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: E M 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2285005 1 MWF 1:10-2:00
 W 2:10-3:00
 2285010 2 MWF 1:10-2:00
 F 2:10-3:00
 2285015 3 MWF 8:00-8:50
 W 9:00-9:50
 2285020 4 MWF 8:00-8:50
 F 9:00-9:50

STRUCT STEEL DSGN I C E 333 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 332, E M 327
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2286005 1 MW 8:00-8:50
 R 8:00-9:50
 2286010 2 MW 8:00-8:50
 R 8:00-9:50

REIN CONCRETE DSN I C E 334 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 332, E M 327
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2287005 1 MF 1:10-2:00
 W 12:10-2:00
 2287010 2 MF 1:10-2:00
 W 12:10-2:00

PRIN TRANSPORTN ENG C E 355 2 CR.
 PREREQ: 111, 205, PHYS 221, COURSE IN STAT FROM
 THE APPROVED DEPARTMENTAL LIST
 COURSE RESTRICTED TO C E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2924005 1 MW 11:00-11:50

GEOTECHNICL ENGNRNG C E 360 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: E M 324, CREDIT OR ENROLLMENT IN GEOL 201
 COURSE RESTRICTED TO ENGINEERING COLLEGE MAJORS
 MATERIALS FEE \$10.00-\$40.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2291005 1 MF 12:10-1:00
 T 8:00-10:50
 2291010 2 MF 12:10-1:00
 T 12:10-3:00
 2291015 3 MF 12:10-1:00
 R 8:00-10:50
 2291020 4 MF 12:10-1:00
 R 12:10-3:00
 2291025 5 MF 12:10-1:00
 R 3:10-6:00PM
 2291030 6 MF 12:10-1:00
 W 3:10-6:00PM

CIVIL ENGINEERING

CIVIL ENGINEERING

ENGR HYDROL&HYDRAUL C E 372 4 CR.
 PREREQ: E M 378, A COURSE IN STATISTICS FROM THE APPROVED DEPARTMENT LIST
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2293005 1 MWF 9:00-9:50
 T 4:10-6:00PM
 2293010 2 MWF 9:00-9:50
 R 4:10-6:00PM

DESIGN OF CONCRETES C E 382 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 360
 MATERIALS FEE \$10.00-\$40.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2294005 1 MF 2:10-3:00
 T 8:00-10:50
 2294010 2 MF 2:10-3:00
 T 12:10-3:00
 2294015 3 MF 2:10-3:00
 R 12:10-3:00
 2294020 4 MF 2:10-3:00
 R 8:00-10:50

DSGN PORTLAND CEMNT C E 383 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 360.
 FOR CON E STUDENTS ONLY.
 MATERIALS FEE \$10.00-\$40.00
 9480005 1 W 3:10-5:00
 9480010 2 R 3:10-5:00

SUSTNBL E&INT'L DEV C E 388 3 CR.
 PREREQ: JUNIOR CLASSIFICATION IN ENGINEERING MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8096005 A1 MW 3:10-4:00
 T 4:10-6:00PM
 SECTION A1 RESTRICTED TO A E, ABE A,
 A B E MAJORS
 8096010 A2 MW 3:10-4:00
 T 4:10-6:00PM
 SECTION A2 RESTRICTED TO C E, C C E,
 CCE E, CON E
 MAJORS ONLY
 8096015 A3 MW 3:10-4:00
 T 4:10-6:00PM
 SECTION A3 RESTRICTED TO CPR E, E E,
 E CPE MAJORS
 8096020 A4 MW 3:10-4:00
 T 4:10-6:00PM
 SECTION A4 RESTRICTED TO M E MAJORS
 ONLY

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

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

PROG&OUTCOME ASSESS C E 403 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: VERIFICATION OF UNDERGRAD APPLICATION FOR GRADUATION BY THE END OF THE FIRST WEEK OF CLASS, INSTR PERMISSION FOR STUDENTS GRADUATING SUMMER.
 COURSE RESTRICTED TO STUDENTS GRADUATING FALL '09
 7351005 1 M 5:10-6:00PM
 SECT 1:2ND HALF

ENVIRONMT ENGR CHEM C E 420 3 CR.
 PREREQ: 326, CHEM 177, CHEM 178, MATH 166
 7211005 1 WF 11:00-11:50
 R 3:10-6:00PM

ENVIRON BIOTECHNOLG C E 421 3 CR.
 PREREQ: 326
 7213005 1 T 9:00-10:50
 R 9:00-10:50
 SECTION INFO:
<http://www.public.iastate.edu/~tge/courses/ce521/homepage.html>

URB TRNSPRT PLN MOD C E 451 3 CR.
 PREREQ: 350 OR 355
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2301005 1 MW 8:00-8:50
 T 10:00-11:50
 SECTION INFO:
<http://www.ctre.iastate.edu/educweb/ce451/45>

HIGHWAY DESIGN C E 453 4 CR.
 PREREQ: 306, 355, 372, 382
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2302005 1 MWF 9:00-9:50
 R 2:10-4:00
 2302010 2 MWF 9:00-9:50
 R 4:10-6:00PM

GRNDWATER HYDROLOGY C E 473 3 CR.
 PREREQ: 372
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1937005 1 MWF 10:00-10:50

CIVIL ENGR DESIGN I C E 485 2 CR.
 PREREQ: 306, 326, 333 OR 334, 355, SP CM 212
 COURSE RESTRICTED TO STUDENTS GRADUATING SPRING 2010 OR SUMMER 2010
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$20.00-\$50.00
 2131005 1 M 12:10-1:00
 T 3:10-5:00
 2131010 2 M 12:10-1:00
 T 10:00-11:50

CIVIL ENG DESIGN II C E 486 3 CR.
 PREREQ: 326, 333 OR 334, 382; CREDIT OR ENROLLMENT IN 428 OR 453, AND 485
 COURSE RESTRICTED TO STUDENTS GRADUATING FALL '09
 9481005 1 M 11:00-11:50
 R 11:00-2:00
 9481010 2 M 11:00-11:50
 F 11:00-2:00

INDEPENDENT STUDY C E 490 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C E 490H 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING

CIVIL ENGINEERING

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

PRECONSTR ENGR &MGT C E 501 3 CR.
 PREREQ: CON E 221, 421
 8714005 1 T 5:10-8:00PM

CONSTR ENGR&MANAGMT C E 502 3 CR.
 PREREQ: CON E 221, 421
 8715600 XE ARRANGED
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$190.00 A CREDIT

DELIVERY FEE IS IN ADDITION TO
 TUITION AND FEES.
 COURSE DELIVERY IS VIDEOSTREAMING. ON LINE
 REGISTRATION OPEN TO DISTANCE STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.

SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

CONST MGT FUNCTIONS C E 503 3 CR.
 PREREQ: CON E 421
 8717600 XE ARRANGED STRONG K
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDTION TO

TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING. ONLINE
 REGISTRATION IS RESTRICTED TO
 DISTANCE STUDENTS.
 ALL OTHERS CONTACT EDE AT 515-294-
 7470 FOR
 PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

DESIGN CONSTRUC SYS C E 505 3 CR.
 PREREQ: 334, 360, CON E 322 AND 340
 1947005 1 T 5:10-8:00PM
 1947600 XE ARRANGED JAHREN C
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDTION TO

TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ONLINE
 REGISTRATION IS RESTRICTED TO
 DISTANCE STUDENTS.
 ALL OTHERS CONTACT EDE AT 515-294-
 7470 FOR
 PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

CONSTR:INFO TECHNOL C E 510 3 CR.
 PREREQ: CON E 421, ENGR 160 OR C E 160 OR EQUIV
 8712005 1 ARRANGED
 8712600 XE ARRANGED KANDIL A
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDTION TO

TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ONLINE
 REGISTRATION IS RESTRICTED TO
 DISTANCE STUDENTS.
 ALL OTHERS CONTACT EDE AT 515-294-
 7470 FOR
 PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

ENVIRONMT ENGR CHEM C E 520 3 CR.
 PREREQ: CHEM 177, 178, MATH 166
 2318005 1 WF 11:00-11:50
 R 3:10-6:00PM
 2318600 XE ARRANGED ONG S
 T 3:10-6:00PM
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$190.00 A CREDIT

DELIVERY FEE IS IN ADDITION TO
 TUITION AND FEES.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE
 REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION
 TO REGISTER. ADDTIONAL MEETING
 TIMES THURSDAYS
 3.10-6
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

ENVIRON BIOTECHNOLG C E 521 3 CR.
 PREREQ: 326

2319005 1 T 9:00-10:50
 R 9:00-10:50
 SECTION INFO:
<http://www.public.iastate.edu/~tge/courses/ce521/homepage.html>
 2319600 XE ARRANGED ELLIS T
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDITION

TO TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING. ON LINE
 REGISTRATION OPEN TO DISTANCE STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

STRUCTR ANALYSIS II C E 532 3 CR.
 PREREQ: 332
 2325005 1 M 3:10-5:00
 W 10:00-11:50

REIN CONCR DESGN II C E 534 3 CR.
 PREREQ: 334
 2333005 1 ARRANGED

MASON & TIMBER DSN C E 536 3 CR.
 PREREQ: 334
 8421005 1 TR 6:00-7:40PM

DYN ANLYS OF STRUCT C E 541 3 CR.
 PREREQ: E M 345 AND CREDIT OR ENROLLMT IN C E 532
 2327005 1 ARRANGED

SEISMIC DESIGN C E 545 3 CR.
 PREREQ: 333, 334
 8041005 1 ARRANGED

PLATE &SLAB STRUCTU C E 547 3 CR.
 PREREQ: 334, E M 514, MATH 266
 2332005 1 ARRANGED

URB TRNSPRT PLN MOD C E 551 3 CR.
 PREREQ: 350 OR 355
 2208005 1 MW 8:00-8:50
 T 10:00-11:50
 SECTION INFO:
<http://www.ctre.iastate.edu/educweb/ce451/45>

CIVIL ENGINEERING

FUND SOIL MECHANICS C E 560 3 CR.
 PREREQ: 360
 2340005 1 MWF 8:00-8:50

SITE EVAL FOR PROJ C E 562 3 CR.
 PREREQ: 360
 4871005 1 ARRANGED

EXPMTL MTHDS GEOENG C E 563 3 CR.
 PREREQ: 360
 5146005 ARRANGED

GEOMATERIAL STABILIZ C E 567 3 CR.
 PREREQ: 565
 1945005 1 ARRANGED

MODELI AQUATC ENVIR C E 572 3 CR.
 PREREQ: 372
 4538005 1 MW 1:10-3:00

GRNDWATER HYDROLOGY C E 573 3 CR.
 PREREQ: 372
 2345005 1 MWF 10:00-10:50

ADV ASPHALT MATERLS C E 586 3 CR.
 PREREQ: 382
 1075005 1 ARRANGED

APP PORTL CEM CONCR C E 587 3 CR.
 PREREQ: 382 OR 383
 2171005 1 ARRANGED

SPECIAL TOPICS C E 590 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENVIR ENGR C E 591 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 1658005 1 T 11:00-11:50

SPL TOP PROJ CNTRLS C E 594E 1- 3 CR.
 PREREQ: CON E 322, CON E 340 OR C E 306, AND
 PERMISSION OF INSTRUCTOR
 2970600 XE ARRANGED
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$190.00 IN ADDTION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.

ONLINE
 REGISTRATION IS RESTRICTED TO
 DISTANCE STUDENTS.
 ALL OTHERS CONTACT EDE AT 515-294-
 7470 FOR
 PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

SPL TOP CPR&PRJ CTL C E 594F 1- 3 CR.
 PREREQ: CON E 322, CON E 340 OR C E 306, AND
 PERMISSION OF INSTRUCTOR
 2979600 XE ARRANGED
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$190.00 IN ADDTION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.

ONLINE
 REGISTRATION IS RESTRICTED TO
 DISTANCE STUDENTS.
 ALL OTHERS CONTACT EDE AT 515-294-7470 FOR
 PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.

CIVIL ENGINEERING

SPL TOP DSN BLD CON C E 594M 1- 3 CR.
 PREREQ: CON E 322, CON E 340 OR C E 306, AND
 PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 2198005 1 W 5:10-7:40PM

CREATIVE COMPONENT C E 599 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS C E 690 1- 3 CR.
 PREREQ: PRE-ENROLLMENT CONTRACT REQUIRED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP C E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF COOP ADVISER, GRAD CLASSIF
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7416005 ARRANGED

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

CLASSICAL STUDIES

TEC TERMINOL IN PRO CL ST 201X 3 CR.
 6480005 MWF 10:00-10:50
 6480010 W ARRANGED
 DELIVERY IS WWW

GREEK &ROMAN MYTHOL CL ST 273 3 CR.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2586005 1 MWF 11:00-11:50

THE ANCIENT CITY CL ST 275 3 CR.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4315005 MWF 1:10-2:00

ANCIENT PHILOSOPHY CL ST 310 3 CR.
 PREREQ: PHIL 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2584005 MWF 12:10-1:00

WLD LIT:ANCT-RENAIS CL ST 353 3 CR.
 PREREQ: ENGL 250
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2585005 A1 TR 3:40-5:00
 SECTION A1 RESTRICTED TO ENGL, TCOMM
 MAJORS ONLY
 2585010 A2 TR 3:40-5:00
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL,
 TCOMM

HERO GREECE, RM, TDAY CL ST 373 3 CR.
 PREREQ: 273 OR 275 OR ONE COURSE IN LATIN OR
 GREEK OR ENGL 250
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8792005 1 TR 11:00-12:20

CLASSICAL STUDIES

GRK ARCHAE:TO 700BC CL ST 376A 3 CR.
 PREREQ: 273 OR 275 OR ONE YEAR OF LATIN OR GREEK
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2916005 MWF 12:10-1:00

GREEK CIVILIZATION CL ST 402 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORE AND ABOVE
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2589005 MWF 10:00-10:50 ANDREWS S

INDEPENDENT STUDY CL ST 490 1- 6 CR.
 PREREQ: 7 CR IN CL ST AT 200 LEVEL OR HIGHER;
 PERMISSION OF THE PROGRAM CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNICATION DISORDERS

BASIC SIGN LANGUAGE CMDIS 286 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 2612005 A TR 9:30-10:45

LANGUAGE DEVELOPMNT CMDIS 471 3 CR.
 PREREQ: 275 OR PSYCH 230 OR ENGL 219
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2618005 TR 3:40-5:00

COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CR.
 7918005 MWF 12:10-1:00

INTRO INTERPRS COMM COMST 102 3 CR.
 SECTIONS 1A,2A RESTRICTED TO COMST MAJORS ONLY.
 SECTIONS 1B,2B RESTRICTED TO MAJORS OTHER THAN
 COMST.
 8105005 1A TR 9:30-10:50
 8105010 1B TR 9:30-10:50
 8105015 2A TR 8:00-9:15
 8105020 2B TR 8:00-9:15

INTRO COM RSRCH MTD COMST 203 3 CR.
 COURSE RESTRICTED TO COMST MAJORS ONLY
 5123005 TR 8:00-9:20

PROFESSNAL COMMUNIC COMST 214 3 CR.
 9183005 TR 9:30-10:50

CONFLICT MANAGEMENT COMST 218 3 CR.
 7314005 1A TR 8:00-9:20
 SECTION 1A RESTRICTED TO COMST MAJORS
 ONLY
 7314010 1B TR 8:00-9:20
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN COMST

HUMAN COMMUNIC THRY COMST 301 3 CR.
 PREREQ: 101
 COURSE RESTRICTED TO COMST MAJORS ONLY
 6593005 1 TR 11:00-12:15
 6593010 2 MWF 2:10-3:00

COMMUNICATION STUDIES

INTERCULTURAL COMM COMST 310 3 CR.
 PREREQ: 101 OR 102, 203, 301
 COURSE RESTRICTED TO COMST MAJORS ONLY
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7934005 1 TR 3:40-5:00

RELATIONAL COMMUNIC COMST 311 3 CR.
 PREREQ: 102, 203, 301
 COURSE RESTRICTED TO COMST MAJORS ONLY
 6428005 1 TR 12:40-2:00

ORGANIZATIONAL COMM COMST 314 3 CR.
 PREREQ: 101 OR 102; 203, 301
 COURSE RESTRICTED TO COMST MAJORS ONLY
 6431005 1 MWF 8:00-8:50

SMALL GROUP COMM COMST 317 3 CR.
 PREREQ: 101 OR 102, 203, 301
 COURSE RESTRICTED TO COMST MAJORS ONLY
 6433005 1 MWF 10:00-10:50

NONVERBAL COMMUNIC COMST 325 3 CR.
 PREREQ: 101 OR 102; 203, 301
 COURSE RESTRICTED TO COMST MAJORS ONLY
 3920005 1 TR 3:40-5:00

CMPTR-MEDIATED COMM COMST 330 3 CR.
 PREREQ: 101 OR 102, 203, 301
 COURSE RESTRICTED TO COMST MAJORS ONLY
 2385005 1 TR 2:10-3:30

SEM COMM THRY&RESCH COMST 404A 3 CR.
 PREREQ: 301 PLUS 9 ADDITIONAL CREDITS OF 300
 LEVEL COMST COURSES
 COURSE RESTRICTED TO COMST SENIORS ONLY
 2298005 1 TR 8:00-9:15

SEMINAR TRAIN&DEVEL COMST 404G 3 CR.
 PREREQ: 301 PLUS 9 ADDITIONAL CREDITS OF 300
 LEVEL COMST COURSES
 2883005 TR 11:00-12:20

INDEPENDENT STUDY COMST 490 1- 3 CR.
 PREREQ: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSNL INTERNSHP COMST 499 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM COMM THRY&RSRCH COMST 504A 3 CR.
 PREREQ: GRADUATE STANDING, INSTRUCTOR PERMISSION
 4421005 1 TR 3:40-5:00
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SPECIAL TOPICS COMST 590 1- 4 CR.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

SURV COMMUNITY&R PLAN C R P 253 3 CR.
 2381005 A MWF 11:00-11:50

PLAN ANALY&TECHNQ I C R P 272 3 CR.
 MATERIALS FEE \$0.00-\$10.00
 2383005 A TR 8:00-8:50
 T 9:00-10:50
 2383010 B TR 8:00-8:50
 R 9:00-10:50
 2383015 C TR 8:00-8:50
 F 8:00-9:50

WORLD CITIES&GLOBLZ C R P 291 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7447005 MWF 10:00-10:50
 SECTION INFO:
<http://www.public.iastate.edu/~fowusu/course>

ENVIRONMTL PLANNING C R P 293 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$20.00
 2384005 TR 12:40-2:00

PRACTICUM C R P 330 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 2386005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

COMMU PLAN STUDIO I C R P 332 4 CR.
 PREREQ: 253, 274
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$100.00
 2399005 MWF 3:10-5:00

FIELD TRAVEL C R P 391 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: C R P MAJOR, PERMISSION OF ADVISER
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 FIELD TRIPS & TRAVEL FEE \$200.00-\$1,000.00
 2402005 R 2:10-3:00, ARRANGED

PRO WORK EXPERIENCE C R P 410 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 2710005 ARRANGED

GROWTH MANAGEMENT C R P 425 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$20.00
 8788005 MWF 1:10-2:00

CMUNTY PLAN STDO II C R P 432 4 CR.
 PREREQ: 332, 383
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$100.00
 2391005 MW 2:10-5:30

TRANSPRT POLCY PLAN C R P 445 3 CR.
 PREREQ: C E 350 OR EQUIVALENT
 2720005 TR 3:40-5:00

COMMUNITY & REGIONAL PLANNING

INTRO GEOG INFO SYS C R P 451 3 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 9410005 A MW 9:00-9:50
 W 12:10-2:00
 9410010 B MW 9:00-9:50
 W 3:10-5:00
 SECTION B RESTRICTED TO C R P MAJORS

GEOG DATA MGT&ANALY C R P 452 3 CR.
 PREREQ: 451 OR EQUIVALENT
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 5205005 MW 8:00-9:50

COMMUNTY ECON DEVEL C R P 455 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 9223005 MWF 11:00-11:50

GRANT WRITING C R P 475 1 CR.
 PREREQ: 253 OR 270 AND JUNIOR CLASSIFICATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5575005 1 M 12:10-1:00

INDEPENDENT STUDY C R P 490 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C R P 490H 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM.
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PL LAW,ADMIN&IMPLEM C R P 492 3 CR.
 PREREQ: 383
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$20.00
 2397005 TR 9:30-10:50

SR PLANNING SEMINAR C R P 494 1- 3 CR.
 PREREQ: SR CLASSIF, CREDIT OR ENROLLMENT IN 332
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$20.00
 2403005 TR 11:00-12:20

PORTFOLIO DEV&RVIEW C R P 498 1 CR.
 PREREQ: TAKE DURING FINAL SEM OF PLANNING PROGRAM
 MATERIALS FEE \$0.00-\$50.00
 2418005 T 2:10-3:00

METHODS I C R P 501 3 CR.
 PREREQ: GRADUATE CLASSIFICATION AND STAT 401
 2723005 MWF 11:00-11:50

COMMUNITY & REGIONAL PLANNING

PRO WORK EXPERIENCE C R P 510 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTR COMMUNITY®N P C R P 511 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2398005 TR 9:30-10:50

LAND USE PLANNING C R P 521 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2755005 TR 8:00-9:20

GROWTH MANAGEMENT C R P 525 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$20.00
 8758005 MWF 1:10-2:00

PRACTICUM C R P 530 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION IN C R P
 2405005 ARRANGED

COMMUNITY PLAN STUDIO C R P 532 4 CR.
 PREREQ: 521, 523
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$100.00
 2407005 A TR 1:10-4:30

TRANPRTN POLICY PLN C R P 545 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2756001 TR 3:40-5:00

INTRO GEOG INFO SYS C R P 551 3 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 1985005 A MW 9:00-9:50
 W 12:10-2:00
 1985010 B MW 9:00-9:50
 W 3:10-5:00
 SEC B RESTRICTED TO C R P GRADUATE

MAJORS ONLY

GEOG DATA MGT &PLAN C R P 552 3 CR.
 PREREQ: 551 OR INSTRUCTOR PERMISSION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 5209005 MW 8:00-9:50

COMMUNITY ECON DEVT C R P 555 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 9224005 MWF 11:00-11:50

GRANT WRITING C R P 575 1 CR.
 PREREQ: GRADUATE CLASSIFICATION
 5592005 M 12:10-1:00

SPL TP PLAN LAW,ADM C R P 590A 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED
 FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

SPL TOPC ECON DEVEL C R P 590B 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED
 FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN C R P 590C 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED
 FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUS&URB RV C R P 590D 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED
 FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED
 FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED
 FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INT'L PLAN C R P 590N 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED
 FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH C R P 590O 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED
 FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN C R P 590P 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED
 FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED
 FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

SPECIAL TOPICS GIS C R P 590R 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED
 FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAND USE REGULA LAW C R P 592 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$20.00
 2427005 TR 11:00-12:30
 SECTION INFO:
<http://www.public.iastate.edu/%7etlclapp/>

SEMINAR GIS APP/RES C R P 595 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS IN GIS CERTIFICATE PROGRAM
 5571005 M 12:10-1:00

PRO PLANNING REPORT C R P 599 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY DEVELOPMENT

ECON DEVEL STRATG&P C DEV 513 3 CR.
 6203605 XF ARRANGED PETERS D
 SECT XF:AUG 24-DEC 18
 FOR PERMISSION TO ADD CONTACT LORI
 YOUNGBERG AT 515-294-7656 OR E-MAIL LYOUNG@IASTATE.EDU
 SECTION XF IS OFF CAMPUS.
 DELIVERY IS WWW
 6203610 XH ARRANGED PETERS D
 SECT XH:AUG 24-DEC 18
 FOR PERMISSION TO ADD CONTACT LORI
 YOUNGBERG AT 515-294-7656 OR E-MAIL LYOUNG@IASTATE.EDU
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW
 6203600 XW ARRANGED PETERS D
 SECT XW:AUG 24-DEC 18
 FOR PERMISSION TO ADD CONTACT LORI
 YOUNGBERG AT
 515-294-7656 OR E-MAIL
 LYOUNG@IASTATE.EDU
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

ORIENT CMUNTY DEVEL C DEV 520 1 CR.
 8539600 XF ARRANGED
 SECT XF:AUG 24-NOV 9
 FOR PERMISSION TO ADD CONTACT LORI
 YOUNGBERG AT
 515-294-7656 OR E-MAIL
 LYOUNG@IASTATE.EDU
 SECTION XF IS OFF CAMPUS.
 DELIVERY IS WWW
 8539605 XH ARRANGED
 SECT XH:AUG 24-NOV 9
 FOR PERMISSION TO ADD CONTACT LORI
 YOUNGBERG AT
 515-294-7656 OR E-MAIL
 LYOUNG@IASTATE.EDU
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW

COMMUNITY DEVELOPMENT

CMUNTY LEADRSHPCAP C DEV 522 3 CR.
 4868600 XF ARRANGED EMERY M
 SECT XF:AUG 24-DEC 18
 FOR PERMISSION TO ADD CONTACT LORI
 YOUNGBERG AT 515-294-7656 OR E-MAIL LYOUNG@IASTATE.EDU
 SECTION XF IS OFF CAMPUS.
 DELIVERY IS WWW
 4868605 XH ARRANGED EMERY M
 SECT XH:AUG 24-DEC 18
 FOR PERMISSION TO ADD CONTACT LORI
 YOUNGBERG AT
 515-294-7656 OR E-MAIL
 LYOUNG@IASTATE.EDU
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW

COMPUTER ENGINEERING

INTRO PROBLM SOLV I CPR E 185 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 141
 3878005 A TR 11:00-11:50
 F 8:00-9:50
 SECTION A RESTRICTED TO CPR E MAJORS
 ONLY
 3878010 B TR 11:00-11:50
 F 10:00-11:50
 SECTION B RESTRICTED TO CPR E MAJORS
 ONLY
 3878015 C TR 11:00-11:50
 F 12:10-2:00
 SECTION C RESTRICTED TO CPR E MAJORS
 ONLY
 3878020 D TR 11:00-11:50
 F 2:10-4:00
 SECTION D RESTRICTED TO CPR E MAJORS
 ONLY
 3878025 E MW 3:10-4:00
 T 12:10-2:00
 SECTION E RESTRICTED TO CPR E MAJORS
 ONLY
 3878030 F MW 3:10-4:00
 W 10:00-11:50
 SECTION F RESTRICTED TO CPR E MAJORS
 ONLY
 3878035 G MW 3:10-4:00
 T 2:10-4:00
 SECTION G RESTRICTED TO S E MAJORS
 ONLY
 3878040 J MW 3:10-4:00
 W 12:10-2:00
 SECTION J RESTRICTED TO CPR E MAJORS
 ONLY
 3878045 K MW 3:10-4:00
 T 10:00-11:50
 SECTION K RESTRICTED TO CPR E, S E
 MAJORS ONLY

DIG LOGC,PROCSR,P I CPR E 281 4 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO CPR E, E E, COM S, CPR E
 SOPHOMORES, JUNIORS AND SENIORS
 7321005 A MWF 2:10-3:00
 T 9:00-11:50
 7321010 B MWF 2:10-3:00
 T 5:10-8:00PM
 7321015 C MWF 2:10-3:00
 W 11:00-1:50
 7321020 D MWF 2:10-3:00
 W 4:10-7:00PM
 7321025 E MWF 2:10-3:00
 R 8:00-10:50
 7321030 F MWF 2:10-3:00
 F 11:00-1:50

COMPUTER ENGINEERING

EMBEDDE SYS I:INTRO CPR E 288 4 CR.
 PREREQ: 281, COM S 207 OR 227
 3364005 A TR 9:30-10:50
 T 12:10-2:00
 3364010 B TR 9:30-10:50
 T 6:10-8:00PM
 3364015 C TR 9:30-10:50
 W 10:00-11:50
 3364020 D TR 9:30-10:50
 R 12:10-2:00

COOPERATIVE EDUCATN CPR E 298 R CR.
 PREREQ: PERMSSN OF DEPTMNT AND ENGEENRG CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERAT SYS:PRIN&PRA CPR E 308 4 CR.
 PREREQ: 381, 310
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2036005 A MWF 9:00-9:50
 W 4:10-7:00PM
 2036010 B MWF 9:00-9:50
 R 8:00-10:50
 2036015 C MWF 9:00-9:50
 F 11:00-1:50

THEORET FOUND CPR E CPR E 310 3 CR.
 PREREQ: CREDIT OR ENRLMT IN CPR E 288, COM S 228
 9240005 A TR 8:00-9:20

SOFTWARE PROJCT MGT CPR E 329 3 CR.
 PREREQ: COM S 309
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6832005 TR 11:00-12:15

INTGRATED ELECTRNCS CPR E 330 4 CR.
 PREREQ: E E 201, CREDIT OR ENROLLMENT IN E E 230, CPR E 281
 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 12:10-1:00
 T 8:00-10:50
 2311010 B MWF 12:10-1:00
 T 11:00-1:50
 2311015 C MWF 12:10-1:00
 W 5:10-8:00PM
 2311020 D MWF 12:10-1:00
 F 8:00-10:50

TOYING WITH TECHNOL CPR E 370 3 CR.
 PREREQ: C I 201, JR STANDING IN NON-ENGINEERING MAJOR
 5941005 1 TR 1:10-3:00

CPTR ORG &ASMB PROG CPR E 381 4 CR.
 PREREQ: 281
 6769005 A MWF 9:00-9:50
 T 12:10-2:00
 6769010 B MWF 9:00-9:50
 R 12:10-2:00
 6769015 C MWF 9:00-9:50
 R 4:10-6:00PM
 6769020 D MWF 9:00-9:50
 F 2:10-4:00

COMPUTER ENGINEERING

EMBED SY I:MICCNTRL CPR E 388X 4 CR.
 PREREQ: 288/288X
 9014005 A MWF 2:10-3:00
 T 10:00-11:50
 9014010 B MWF 2:10-3:00
 F 8:00-9:50

ENGINEER INTERNSHIP CPR E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CPR E 398 R CR.
 PREREQ: 298, PERMSSN OF DEPARTMNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORML ASPCTS VERIFC CPR E 412 3 CR.
 PREREQ: COM S 309, S E 319
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8535005 MWF 2:10-3:00

SOFTWARE EVOLU&MAINT CPR E 416 3 CR.
 PREREQ: COM S 309, S E 319
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5946005 MWF 12:10-1:00

HI SPEED SYS MEASUR CPR E 418 4 CR.
 PREREQ: E E 230 AND 311
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5762005 A TR 11:00-12:30
 W 10:00-11:50
 5762010 B TR 11:00-12:30
 W 12:10-2:00
 5762015 C TR 11:00-12:30
 R 4:10-6:00PM

INTR PARALLEL ALG&P CPR E 426 4 CR.
 PREREQ: 308 OR COM S 321, COM S 311
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1152005 A TR 9:30-10:50
 ARRANGED

INTRO BIOINFORMATCS CPR E 444 4 CR.
 PREREQ: MATH 165 OR STAT 401 OR EQUIVALENT
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8545005 MWF 10:00-10:50
 R 1:10-3:00

REAL TIME SYSTEMS CPR E 458 3 CR.
 PREREQ: 308 OR COM S 352
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4510005 MWF 11:00-11:50
 4510600 XE ARRANGED
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDITION

TO TUITION. RESTRICTED TO DISTANCE STUDENTS.
 ALL OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

COMPUTER ENGINEERING

DIGITAL VLSI DESIGN CPR E 465 4 CR.
 PREREQ: E E 330
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9514005 A MWF 2:10-3:00
 T 5:10-8:00PM
 9514010 B MWF 2:10-3:00
 R 8:00-10:50

MULTIDISC ENGR DSGN CPR E 466 3 CR.
 PREREQ: STUDENT MUST BE WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 1899005 1 T 11:00-11:50
 ARRANGED
 1899010 2 T 11:00-11:50
 ARRANGED
 1899015 3 T 11:00-11:50
 ARRANGED
 1899020 4 T 11:00-11:50
 ARRANGED

CPTR NTWRK&DATA COM CPR E 489 4 CR.
 PREREQ: 381 OR E E 324
 COURSE OFFERED FOR 4 CREDITS ONLY FALL 2009.
 RESTRICTED TO CPR E, E E, COM S, S E MAJORS.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2771005 A TR 11:00-12:20
 W 8:00-9:50
 2771010 B TR 11:00-12:20
 R 4:10-6:00PM
 2771015 C TR 11:00-12:20
 F 8:00-9:50

INDEPENDENT STUDY CPR E 490 VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN COMPUTER ENGR DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY CPR E 490H VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN COMPUTER ENGR MEMBERSHIP IN UNIV HONORS PROGRAM
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM ONLY
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO CPR E 491 3 CR.
 PREREQ: 308 OR E E 322, COMPLETION OF 24 CREDITS IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS
 IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
 COURSE RESTRICTED TO CPR E, E E, S E JUNIORS AND SENIORS
 MATERIALS FEE \$35.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 2765005 1 T 2:10-4:00, ARRANGED

SR DESIGN PROJECT II CPR E 492 2 CR.
 PREREQ: 491
 COURSE RESTRICTED TO CPR E, E E, S E JUNIORS AND SENIORS
 MATERIALS FEE \$35.00
 1659002 R 2:10-3:00, ARRANGED

COMPUTER ENGINEERING

PORTFOLIO ASSESSMNT CPR E 494 R CR.
 PREREQ: CREDIT OR ENROLLMENT IN 491
 COURSE RESTRICTED TO CPR E, E E SENIORS ONLY
 2279005 A R 4:10-5:00
 2279010 B R 3:10-4:00
 2279015 C W 3:10-4:00
 2279020 D W 2:10-3:00

COOPERATIVE EDUCATN CPR E 498 R CR.
 PREREQ: 398, PERMSSN OF DEPARTMNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

AN&MIXSIG VLSI TCNQ CPR E 501 4 CR.
 PREREQ: 435
 5329005 A MWF 11:00-11:50
 W 8:00-10:50
 5329010 B MWF 11:00-11:50
 R 3:10-6:00PM

DSN&ANALY ALGORITHM CPR E 511 3 CR.
 PREREQ: COM S 311
 5651005 MWF 11:00-11:50

INTR PARALLEL ALG&P CPR E 526 4 CR.
 PREREQ: 308 OR COM S 321, COM S 311
 7540005 A TR 9:30-10:50
 ARRANGED

PROBLSTC MTHD CPR E CPR E 528 3 CR.
 PREREQ: COM S 311
 8172005 TR 11:00-12:20

ADV PROTCL&NT SECUR CPR E 530 3 CR.
 PREREQ: 381
 2777010 A TR 8:00-9:15
 2777600 XE TR 8:00-9:15 JACOBSON D
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS IN ADDITION TO

TUITION AND FEES. COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

INFO SYSTM SECURITY CPR E 531 3 CR.
 PREREQ: 489 OR 530 OR COM S 586 OR MIS 535
 COURSE RESTRICTED TO E CPE, COM S, GR ST, INFAS, LOMIS GRAD STUDENTS ONLY
 4537005 A MWF 12:10-1:00
 4537600 XE MWF 12:10-1:00 DANIELS T
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$190.00 A CREDIT

DELIVERY FEE IS IN ADDITION TO
 TUITION AND FEES. COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

COMPUTER ENGINEERING

CMPTR&NTWRK FORENSI CPR E 536 3 CR.
 PREREQ: 381 AND 489 OR 530
 5531005 TR 9:30-10:50
 5531600 XE TR 9:30-10:50
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 ADDITION TO

TUITION COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

HI-PERFRM COMM NTWK CPR E 541 3 CR.
 PREREQ: 530 OR 489
 4357010 A MW 4:40-6:05PM
 4357600 XE MWF 4:40-6:05PM
 SECT XE:AUG 24-DEC 18
 SE DELIVERY IS VIDEOSTREAMING. ON

LINE REGISTRATION OPEN TO DISTANCE STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

WIRELESS NETWK ARCH CPR E 543 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 489 OR 530
 6039005 A TR 12:40-2:00
 6039600 XE TR 12:40-2:00
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$190.00 A CREDIT HOUR.
 DELIVERY FEE IS IN ADDITION TO TUITION AND FEES.
 COURSE DELIVERY IS VIDEOSTREAMING. ON LINE
 REGISTRATION OPEN TO DISTANCE STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

INTRO BIOINFORMATCS CPR E 544 4 CR.
 PREREQ: MATH 165 OR STAT 401 OR EQUIVALENT
 8549005 MWF 10:00-10:50
 R 1:10-3:00

RSRCE ALLOC CMM NET CPR E 547X 3 CR.
 9015005 A TR 5:10-6:30PM

CPTR GRPHC&GEOM MOD CPR E 557 3 CR.
 PREREQ: M E 421, PROGRAMMING EXPERIENCE IN C
 2985005 A TR 12:40-2:00

REAL-TIME SYSTEMS CPR E 558 3 CR.
 PREREQ: 308 OR COM S 352
 4574005 MWF 11:00-11:50
 4574600 XE MWF 11:00-11:50
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$190.00 A CREDIT HOUR.
 DELIVERY FEE IS IN ADDITION TO TUITION AND FEES.
 COURSE DELIVERY IS VIDEOSTREAMING. ON LINE
 REGISTRATION OPEN TO DISTANCE STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

COMPUTER ENGINEERING

FUND GENOME INFRMTC CPR E 567 3 CR.
 PREREQ: COM S 208; COM S 330; STAT 341; CREDIT
 OR ENROLLMENT IN BIOL 315, STAT 430
 8329005 TR 11:00-12:30

STRUC GENOM INFRMTC CPR E 569 3 CR.
 PREREQ: BCB 567, GEN 411, STAT 430
 3407005 TR 2:10-3:30

CPR SYS ARCHITECTUR CPR E 581 3 CR.
 PREREQ: 381
 8458005 A MW 2:10-3:30
 8458600 XE MW 2:10-3:30
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570 IN ADDITION TO

TUITION. ALL STUDENTS CONTACT EDE AT 515-
 294-7470 FOR PERMISSION TO REGISTER.
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

RECONFIG COMPTG SYS CPR E 583 3 CR.
 PREREQ: BACKGROUND IN COMPUTER ARCHITECTURE,
 DESIGN, AND ORGANIZATION
 7243005 1 TR 12:40-2:00
 7243600 XE TR 12:40-2:00
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00.
 DELIVERY FEE IS IN ADDITION TO

TUITION AND FEES. COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

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

SEMINAR CMPUTR ENGR CPR E 592 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE FOR COM S, E CPE, INFAS GRADUATE MAJORS
 3546015 AD ARRANGED
 SECTION AD OFFERED FOR 1 CREDIT
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 3546020 AS ARRANGED
 SECTION AS OFFERED FOR 1 CREDIT
 3546025 DJ ARRANGED
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 3546030 MC ARRANGED
 SECTION MC OFFERED FOR 1 CREDIT
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 3546005 TD ARRANGED
 SECTION TD OFFERED FOR 3 CREDITS
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 3546010 YG ARRANGED
 SECTION YG OFFERED FOR 3 CREDITS
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

COMPUTER ENGINEERING

SELECT TOPICS CPR E CPR E 594 3 CR.
2992015 1 TR 2:10-3:30

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

INFO ASSUR CAPSTONE CPR E 632 3 CR.
PREREQ: 531, 532, 534
8104005 ARRANGED
DEPARTMENT PERMISSION REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ENGINEERG INTERNSHP CPR E 697 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPT CHAIR AND ENGINEERING
CAREER SERVICES, GRADUATE CLASSIFICATION
7420005 ARRANGED
PERMISSION OF MANAGER OF CPR E
STUDENT SERVICES REQUIRED
DEPARTMENT PERMISSION REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

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

COMPUTER SCIENCE

ORIENTATION COM S 101 R CR.
SATISFACTORY-FAIL ONLY.
2672005 1 R 12:40-2:00
SECT 1:1ST HALF
2672010 2 T 9:30-10:50
SECT 2:1ST HALF
2672015 3 W 1:10-2:30
SECT 3:1ST HALF

COMPUTER APPLICATNS COM S 103 4 CR.
2673005 1 ARRANGED
SEC 1 IS RESTRICTED TO MAJORS OTHER THAN P CS, COM S,
AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 1 IS REQUIRED. IT WILL BE
HELD MONDAY, AUGUST 24, 10:00-10:50 A.M. IN 0109
PEARSON HALL.

DELIVERY IS WWW
SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
2673010 2 ARRANGED
SEC 2 IS RESTRICTED TO MAJORS OTHER THAN P CS, COM S,
AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 2 IS REQUIRED. IT WILL BE
HELD MONDAY, AUGUST 24, 12:10-1:00 P.M. IN 0109
PEARSON HALL.

DELIVERY IS WWW
SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
2673015 3 ARRANGED
SEC 3 IS RESTRICTED TO MAJORS OTHER THAN P CS, COM S,
AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 3 IS REQUIRED. IT WILL BE
HELD MONDAY, AUGUST 24, 3:10-4:00 P.M. IN 0109 PEARSON
HALL.

DELIVERY IS WWW
SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
2673020 4 ARRANGED
SEC 4 IS RESTRICTED TO MAJORS OTHER THAN P CS, COM S,
AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 4 IS REQUIRED. IT WILL
BE HELD MONDAY, AUGUST 24, 5:10-6:00 P.M. IN
0109 PEARSON HALL.

COMPUTER SCIENCE

COMPUTER APPLICATNS COM S 103 4 CR.
DELIVERY IS WWW

SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
2673025 5 ARRANGED
SEC 5 IS RESTRICTED TO MAJORS OTHER THAN P CS,
COM S, AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 5 IS REQUIRED. IT WILL
BE HELD MONDAY, AUGUST 24, 6:10-7:00 P.M. IN
0109 PEARSON HALL.

DELIVERY IS WWW
SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
2673030 6 ARRANGED
SEC 6 IS RESTRICTED TO MAJORS OTHER THAN P CS,
COM S, AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 6 IS REQUIRED. IT WILL
BE HELD TUESDAY, AUGUST 25, 9:00-9:50 A.M. IN
0109 PEARSON HALL. DELIVERY IS WWW

SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
2673035 7 ARRANGED
SEC 7 IS RESTRICTED TO MAJORS OTHER THAN P CS,
COM S, AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 7 IS REQUIRED. IT WILL
BE HELD TUESDAY, AUGUST 25, 12:10-1:00 P.M. IN
0109 PEARSON HALL.

DELIVERY IS WWW
SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
2673040 8 ARRANGED
SEC 8 IS RESTRICTED TO MAJORS OTHER THAN P CS,
COM S, AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 8 IS REQUIRED. IT WILL
BE HELD TUESDAY, AUGUST 25, 3:10-4:00 P.M. IN
0109 PEARSON HALL.

DELIVERY IS WWW
SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
2673045 9 ARRANGED
SEC 9 IS RESTRICTED TO MAJORS OTHER THAN P CS,
COM S, AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 9 IS REQUIRED. IT WILL
BE HELD TUESDAY, AUGUST 25, 5:10-6:00 P.M. IN
0109 PEARSON HALL.

DELIVERY IS WWW
SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
2673050 10 ARRANGED
SEC 10 IS RESTRICTED TO MAJORS OTHER THAN P CS,
COM S, AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 10 IS REQUIRED. IT WILL
BE HELD TUESDAY, AUGUST 25, 6:10-7:00 P.M. IN
0109 PEARSON HALL.

DELIVERY IS WWW
SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
2673055 11 ARRANGED
SEC 11 IS RESTRICTED TO MAJORS OTHER THAN P CS,
COM S, AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 11 IS REQUIRED. IT WILL
BE HELD WEDNESDAY, AUGUST 26, 9:00-9:50 A.M. IN
0109 PEARSON HALL.

DELIVERY IS WWW
SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
2673060 12 ARRANGED
SEC 12 IS RESTRICTED TO MAJORS OTHER THAN P CS,
COM S, AND THE BUSINESS COLLEGE. ATTENDANCE AT THE
ORIENTATION SESSION FOR SEC 12 IS REQUIRED. IT WILL
BE HELD WEDNESDAY, AUGUST 26, 12:10-1:00 P.M. IN 0109
PEARSON HALL.

DELIVERY IS WWW
SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>

COMPUTER SCIENCE

COMPUTER SCIENCE

COMPUTER APPLICATNS COM S 103 4 CR.

2673065 13 ARRANGED
 SEC 13 IS RESTRICTED TO MAJORS OTHER THAN P CS, COM S, AND THE BUSINESS COLLEGE. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 13 IS REQUIRED. IT WILL BE HELD WEDNESDAY, AUGUST 26, 2:10-3:00 P.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103page/index.h>
 2673070 14 ARRANGED

SEC 14 IS RESTRICTED TO BUSINESS COLLEGE MAJORS. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 14 IS REQUIRED. IT WILL BE HELD WEDNESDAY, AUGUST 26, 5:10-6:00 P.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103page/index.h>
 2673075 15 ARRANGED

SEC 15 IS RESTRICTED TO BUSINESS COLLEGE MAJORS. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 15 IS REQUIRED. IT WILL BE HELD WEDNESDAY, AUGUST 26, 6:10-7:00 P.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW

SECTION INFO:

<http://www.cs.iastate.edu/~cs103page/index.h>
 2673080 16 ARRANGED

SEC 16 IS RESTRICTED TO MAJORS OTHER THAN P CS, COM S, AND THE BUSINESS COLLEGE. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 16 IS REQUIRED. IT WILL BE HELD THURSDAY, AUGUST 27, 10:00-10:50 A.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103page/index.h>
 2673085 17 ARRANGED

SEC 17 IS RESTRICTED TO MAJORS OTHER THAN P CS, COM S, AND THE BUSINESS COLLEGE. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 17 IS REQUIRED. IT WILL BE HELD THURSDAY, AUGUST 27, 12:10-1:00 P.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103page/index.h>
 2673090 18 ARRANGED

SEC 18 IS RESTRICTED TO BUSINESS COLLEGE MAJORS. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 18 IS REQUIRED. IT WILL BE HELD THURSDAY, AUGUST 27, 3:10-4:00 P.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103page/index.h>
 2673095 19 ARRANGED

SEC 19 IS RESTRICTED TO BUSINESS COLLEGE MAJORS. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 19 IS REQUIRED. IT WILL BE HELD THURSDAY, AUGUST 27, 5:10-6:00 P.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103page/index.h>
 2673100 20 ARRANGED

SEC 20 IS RESTRICTED TO BUSINESS COLLEGE MAJORS. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 20 IS REQUIRED. IT WILL BE HELD THURSDAY, AUGUST 27, 6:10-7:00 P.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103page/index.h>
 2673105 21 ARRANGED

SEC 21 IS RESTRICTED TO BUSINESS COLLEGE MAJORS. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 21 IS REQUIRED. IT WILL BE HELD FRIDAY, AUGUST 28, 10:00-10:50 A.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW

COMPUTER APPLICATNS COM S 103 4 CR.

SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
 2673110 22 ARRANGED

SEC 22 IS RESTRICTED TO BUSINESS COLLEGE MAJORS. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 22 IS REQUIRED. IT WILL BE HELD FRIDAY, AUGUST 28, 12:10-1:00 P.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW

SECTION INFO:
<http://www.cs.iastate.edu/~cs103page/index.h>
 2673115 23 ARRANGED

SEC 23 IS RESTRICTED TO BUSINESS COLLEGE MAJORS. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 23 IS REQUIRED. IT WILL BE HELD FRIDAY, AUGUST 28, 2:10-3:00 P.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103page/index.h>
 2673120 24 ARRANGED

SEC 24 IS RESTRICTED TO BUSINESS COLLEGE MAJORS. ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 24 IS REQUIRED. IT WILL BE HELD FRIDAY, AUGUST 28, 5:10-6:00 P.M. IN 0109 PEARSON HALL.

DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103page/index.h>
 2673125 25 ARRANGED

SEC 25 IS RESTRICTED TO BUSINESS COLLEGE MAJORS.

ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 25 IS REQUIRED. IT WILL BE HELD FRIDAY, AUGUST 28,

6:10-7:00 P.M. IN 0109 PEARSON

HALL.

DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs103page/index.h>

INTRO TO COMPUTERS COM S 104 2 CR.

- 2995005 1 MW 4:10-5:00
 F 4:10-5:00
 R 4:10-6:00PM
 SECT 1:1ST HALF
- 2995010 2 MW 4:10-5:00
 F 4:10-5:00
 R 8:00-9:50
 SECT 2:1ST HALF
- 2995015 3 MW 4:10-5:00
 F 4:10-5:00
 M 10:00-11:50
 SECT 3:1ST HALF
- 2995025 4 MW 4:10-5:00
 F 4:10-5:00
 R 4:10-6:00PM
 SECT 4:2ND HALF
- 2995030 5 MW 4:10-5:00
 F 4:10-5:00
 R 8:00-9:50
 SECT 5:2ND HALF
- 2995035 6 MW 4:10-5:00
 F 4:10-5:00
 M 10:00-11:50
 SECT 6:2ND HALF

APP COMPUTER PROGRM COM S 107 3 CR.

2674005 ARRANGED
 DELIVERY IS WWW
 SECTION INFO:

<http://www.cs.iastate.edu/~cs107>

COMPUTER SCIENCE

COMPUTER SCIENCE

CAREERS IN COM SCI COM S 203 R CR.
 SATISFACTORY-FAIL ONLY.
 2682005 R 12:40-2:00, 2ND HALF

PROGRAMMING I COM S 207 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: MATH 150 OR PLACEMENT INTO MATH
 140/141/142 OR HIGHER
 CREDIT FOR EITHER COM S 207 OR COM S 227, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 9235005 1 MWF 12:10-1:00
 W 8:00-8:50
 9235010 2 MWF 12:10-1:00
 W 9:00-9:50
 9235015 3 MWF 12:10-1:00
 W 10:00-10:50

INTR OBJT ORIEN PRG COM S 227 4 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO
 DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 CREDIT FOR EITHER COM S 227 OR COM S 207, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 9237005 A MWF 9:00-9:50
 9237010 B MWF 10:00-10:50
 9237015 C MWF 1:10-2:00
 9237025 1 M 2:10-4:00
 9237030 2 T 10:00-11:50
 9237035 3 W 8:00-9:50
 9237040 4 W 2:10-4:00
 9237045 5 W 6:10-8:00PM
 9237050 6 W 10:00-11:50
 9237055 7 W 4:10-6:00PM
 9237060 8 R 4:10-6:00PM
 9237065 9 F 10:00-11:50
 9237070 10 R 10:00-11:50
 9237075 11 F 2:10-4:00
 9237080 12 T 12:10-2:00

INTRO DATA STRUCTUR COM S 228 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: C- OR BETTER IN 227, CREDIT OR ENROLLMENT
 IN MATH 165
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO
 DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 9238005 A MWF 11:00-11:50
 9238010 B MWF 12:10-1:00
 9238015 1 M 2:10-3:00
 9238020 2 M 3:10-4:00
 9238025 3 M 4:10-5:00
 9238030 4 T 11:00-11:50
 9238035 5 T 10:00-10:50
 9238040 6 T 4:10-5:00

ADV PROGRAMMG TCHNQ COM S 229 3 CR.
 PREREQ: 228, CREDIT OR ENROLLMENT IN MATH 166
 2454005 1 MWF 3:10-4:00

LINUX SYS ESENTIALS COM S 252 3 CR.
 PREREQ: 103 OR 207 OR 227
 3087005 1 TR 1:10-2:00
 T 2:10-4:00
 3087010 2 TR 1:10-2:00
 R 2:10-4:00

INDEPENDENT STUDY COM S 290 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2680005 ARRANGED

INDEP STUDY HONORS COM S 290H VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2681005 ARRANGED

SOFTWR DEV PRACTCES COM S 309 3 CR.
 PREREQ: 228 WITH C- OR BETTER, 229 OR CPR E 211,
 ENGL 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4438005 1 TR 9:30-10:50
 M 9:00-9:50
 4438010 2 TR 9:30-10:50
 M 10:00-10:50

DSN&ANALYSIS ALGRTH COM S 311 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 228 WITH C- OR BETTER, MATH 166,
 ENGL 250, AND COM S 330 OR CPR E 310
 CREDIT FOR EITHER COM S 311 OR COM S 381, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2683005 1 MWF 2:10-3:00
 R 10:00-10:50
 2683010 2 MWF 2:10-3:00
 R 2:10-3:00

SFTWR CNSTR&USER IN COM S 319 3 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8537005 MWF 1:10-2:00

INTR CPTR ARCH&MACH COM S 321 3 CR.
 PREREQ: 228, CPR E 210 AND ENGL 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2684005 1 MWF 10:00-10:50
 T 9:00-9:50
 2684010 2 MWF 10:00-10:50
 R 1:10-2:00

DISCRETE CMP STRUCT COM S 330 3 CR.
 PREREQ: 228, MATH 166 AND ENGL 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2685005 1 MWF 1:10-2:00
 W 9:00-9:50
 2685010 2 MWF 1:10-2:00
 W 10:00-10:50

COMPUTER SCIENCE

COMPUTER SCIENCE

THEORY OF COMPUTING COM S 331 3 CR.
 PREREQ: 228, 330 OR CPR E 310, MATH 166, ENGL 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2686005 1 MWF 9:00-9:50
 R 8:00-8:50
 2686010 2 MWF 9:00-9:50
 R 11:00-11:50

PRIN PROGR LANGUAGS COM S 342 3 CR.
 PREREQ: 321; 330 OR CPR E 310; EITHER 309, 362
 OR 363; ENGL 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2687005 1 TR 2:10-3:30
 W 10:00-10:50

INTRO OPERATING SYS COM S 352 3 CR.
 PREREQ: 321, 229, ENGL 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2688005 1 MWF 3:10-4:00
 R 12:10-1:00
 2688010 2 MWF 3:10-4:00
 F 12:10-1:00

OBJECT-ORIEN ANALY&D COM S 362 3 CR.
 PREREQ: 228 WITH C- OR BETTER, ENGL 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2622005 MWF 11:00-11:50

INTR DATABS MGT SYS COM S 363 3 CR.
 PREREQ: 228 WITH C- OR BETTER, ENGL 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2689005 TR 2:10-3:30

COOPERATIVE EDUCATN COM S 398 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 2691005 ARRANGED

CPTR-BASED INFO SYS COM S 401 3 CR.
 PREREQ: ENGL 250, SP CM 212, COM S 309, COM S 362
 OR 363
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2692005 1 MW 3:10-4:00
 T 12:10-2:00

SOFTWARE REQMTS ENGR COM S 409 3 CR.
 PREREQ: 309, ENGL 250, SP CM 212
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8508005 1 TR 12:40-2:00

FORML ASPCTS VERIFC COM S 412 3 CR.
 PREREQ: 309, 319
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8536005 MWF 2:10-3:00

INTR PARALLEL ALG&P COM S 426 4 CR.
 PREREQ: CPR E 308 OR COM S 321, COM S 311
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1150005 A TR 9:30-10:50
 ARRANGED

ADVNC D PROGRM TOOLS COM S 430 3 CR.
 PREREQ: 311, 362 OR 363, ENGL 250, SP CM 212
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5833005 1 MWF 4:10-5:00
 R 4:10-5:00
 5833010 2 MWF 4:10-5:00
 R 3:10-4:00

INTRO BIOINFORMATCS COM S 444 4 CR.
 PREREQ: MATH 165 OR STAT 401 OR EQUIVALENT
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8542005 MWF 10:00-10:50
 R 1:10-3:00

PRIN&INTRNLS DATABS COM S 461 3 CR.
 PREREQ: 311, 363, ENGL 250, SP CM 212
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2697005 MWF 1:10-2:00
 T 4:10-5:00

COMP LINEAR ALG&FIX COM S 471 3 CR.
 PREREQ: MATH 265 AND EITHER MATH 266 OR 267;
 KNOWLEDGE OF A PROGRAMMING LANGUAGE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2698005 TR 2:10-3:25

PRIN ARTIFC L INTELL COM S 472 3 CR.
 PREREQ: 311, 330 OR CPR E 310, STAT 330, ENGL 250
 SP CM 212, COM S 342 OR COMPARABLE PROGRAMM
 EXPERNCE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7902005 MWF 11:00-11:50
 R 9:00-9:50

HONORS ARTIF INTELL COM S 472H 3 CR.
 PREREQ: 311, 330 OR CPR E 310, STAT 330, ENGL
 250, SP CM 212, COM S 342 OR COMPARABLE
 PROGRAMMING
 EXPERIENCE, MEMBERSHIP IN UNIV HONORS PROGRAM
 7985005 MWF 1:10-2:00
 R 9:00-9:50

ELMNTS NEURAL COMPT COM S 474 3 CR.
 PREREQ: 311, 330 OR CPR E 310, STAT 330, MATH
 165, ENGL 250, SP CM 212, COM S 342 OR COMPARABLE
 PROGRAMMING EXPERIENCE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2253005 TR 11:00-12:30

PROB SOLV TCNQ APPL COM S 477 3 CR.
 PREREQ: 228; 330 OR CPR E 310, MATH 166, MATH 307
 OR 317, OR INSTRUCTOR PERMISSION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6263005 TR 2:10-3:25

INDEPENDENT STUDY COM S 490 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF COM S 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMPUTER SCIENCE

COMPUTER SCIENCE

INDEP STUDY HONORS COM S 490H VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 6 CREDITS IN COM S, PERMISSION OF
 INSTRUCTOR, MEMBERSHIP IN HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF COM S 490 MAY BE
 APPLIED TOWARD GRADUATION. RESTRICTED TO STUDENTS
 IN THE UNIVERSITY HONORS PROGRAM ONLY.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE REQMTS ENGR COM S 509 3 CR.
 PREREQ: 309
 8523005 1 TR 12:40-2:00

DSN&ANALY ALGORITHM COM S 511 3 CR.
 PREREQ: 311
 2706005 MWF 11:00-11:50

SOFTWARE SYS SAFETY COM S 515 3 CR.
 PREREQ: 309 OR 311, 342
 6810005 TR 9:30-10:50

INTR PARALLEL ALG&P COM S 526 4 CR.
 PREREQ: CPR E 308 OR COM S 321, COM S 311
 3006005 A TR 9:30-10:50
 ARRANGED

PROGRAMNG LANGUAGES COM S 541 3 CR.
 PREREQ: 342 OR 440
 2711005 TR 12:40-2:00
 W 5:10-6:00PM

INTRO BIOINFORMATCS COM S 544 4 CR.
 PREREQ: MATH 165 OR STAT 401 OR EQUIVALENT
 8547005 MWF 10:00-10:50
 R 1:10-3:00

PRIN&INTRNLS DATABS COM S 561 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 2715005 MWF 1:10-2:00
 T 4:10-5:00

FUND GENOME INFRMTC COM S 567 3 CR.
 PREREQ: 208; 330; STAT 341; CREDIT OR ENROLLMENT
 IN BIOL 315, STAT 430
 3275005 TR 11:00-12:30

STRUC GENOM INFRMTC COM S 569 3 CR.
 PREREQ: BCB 567, GEN 411, STAT 430
 3311005 TR 2:10-3:30

PRIN ARTIFCL INTELL COM S 572 3 CR.
 PREREQ: 311, 331, STAT 330, COM S 342 OR
 COMPARABLE PROGRAMMING EXPERIENCE
 9065005 MWF 1:10-2:00
 R 9:00-9:50

PROB SOLV TCNQ APPL COM S 577 3 CR.
 PREREQ: 228; 330 OR CPR E 310, MATH 166,
 MATH 307 OR MATH 317, OR CONSENT OF THE
 INSTRUCTOR
 6264005 TR 2:10-3:25

CPR SYS ARCHITECTUR COM S 581 3 CR.
 PREREQ: CPR E 381
 2341005 A MW 2:10-3:30
 2341600 XE MW 2:10-3:30
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570 IN ADDITION TO
 TUITION.
 ALL STUDENTS CONTACT EDE AT 515-
 294-7470 FOR
 PERMISSION TO REGISTER.
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

RECONFIG COMPTG SYS COM S 583 3 CR.
 PREREQ: BACKGROUND IN COMPUTER ARCHITECTURE,
 DESIGN, AND ORGANIZATION
 7019005 1 TR 12:40-2:00
 7019600 XE TR 12:40-2:00
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$190.00 PER CREDIT

HOUR.
 DELIVERY FEE IS IN ADDITION TO
 TUITION AND FEES.
 ONLINE REGISTRATION OPEN TO
 DISTANCE STUDENTS ONLY.
 ALL OTHERS CONTACT EDE AT 515-294-
 7470 FOR

PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

COMPTR NETWORK ARCH COM S 586 3 CR.
 PREREQ: 511, 552 OR CPR E 489
 2719005 TR 2:10-3:30

PRIN DIST&NETWK PRG COM S 587 3 CR.
 PREREQ: 352 OR CPR E 489 OR EQUIVALENT
 6143005 MW 3:10-4:30

SPECIAL TOPICS COM S 590 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COLLOQUIA COM S 592 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 8406005 R 3:40-5:00

GRADUATE INTERNSHIP COM S 598 R CR.
 PREREQ: GRADUATE CLASSIFICATION
 5627005 ARRANGED

CREATIVE COMPONENT COM S 599 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COM S 610 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CMP CMLPXTY COM S 631 3 CR.
 PREREQ: 531
 7910005 MWF 10:00-10:50

COMPUTER SCIENCE

ADV TOP CMP RANDMNS COM S 633 3 CR.
 PREREQ: 531
 9466005 ARRANGED

ADV TP DISTR OP SYS COM S 652 3 CR.
 PREREQ: 552
 2726005 MW 2:10-3:30

RESEARCH COM S 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: APPROVAL OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

ORIENT TO ACAD LIFE CON E 121 1 CR.
 5255005 1 R 4:10-6:00PM
 SECTION 1 RESTRICTED TO FRESHMEN ONLY
 5255010 2 R 4:10-6:00PM
 SECTION 2 FOR TRANSFER STUDENTS ONLY

CONTRACTR ORG & MGT CON E 221 4 CR.
 PREREQ: COMPLETION OF BASIC PROGRAM
 MATERIALS FEE \$10.00-\$50.00
 2736005 1 MW 11:00-11:50
 TR 11:00-11:50

CONSTR MATLS&METHDS CON E 241 3 CR.
 PREREQ: 221
 COURSE RESTRICTED TO CON E MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 2730005 1 MW 12:10-1:00
 R 8:00-10:50

MECH/ELEC MTRLS&MTH CON E 251 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 241
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 2377005 T 3:10-6:00PM

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

CON EQUIP&HVY C MTH CON E 322 3 CR.
 PREREQ: 241
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2737005 1 MW 2:10-3:00
 R 12:10-3:00

CONCRET&STEEL CONST CON E 340 3 CR.
 PREREQ: E M 324, CREDIT OR ENROLLMT IN CON E 322
 MATERIALS FEE \$10.00-\$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2741005 1 MW 9:00-9:50
 T 8:00-10:50
 2741010 2 MW 9:00-9:50
 T 8:00-10:50

CONSTRUCTION ENGINEERING

MECHAN SYS IN BLDGS CON E 352 3 CR.
 PREREQ: 251, PHYS 222
 MATERIALS FEE \$10.00-\$35.00
 5313005 1 MW 1:10-2:00
 R 3:10-4:00

ELECTR SYS IN BLDGS CON E 353 2 CR.
 PREREQ: PHYS 222 AND CREDIT OR ENROLLMENT IN
 CON E 352
 MATERIALS FEE \$10.00-\$35.00
 5317005 1 MW 10:00-10:50

ENGINEERING LAW CON E 380 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5102600 XE ARRANGED
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDTION TO

TUITION. COURSE DELIVERY IS VIDEOSTREAMING.

ONLINE REGISTRATION IS RESTRICTED TO
 DISTANCE STUDENTS. ALL OTHERS CONTACT EDE AT 515-294-
 7470 FOR

PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING
 5102005 1A TR 6:30-8:00PM
 SECTION 1A RESTRICTED TO CON E MAJORS

ONLY 5102010 1B TR 6:30-8:00PM
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN CON E

BID CONST I:HVY&HWY CON E 381A 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6244005 1 T 8:00-10:00PM
 ARRANGED
 THERE WILL BE 7 MTGS. DATES TO BE
 ANN.

ENGR INTERNSHIP CON E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

CONSTRUC ESTIMATING CON E 421 3 CR.
 PREREQ: 241, JUNIOR CLASSIFICATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2734005 1 MW 3:10-4:00
 T 12:10-3:00
 2734010 2 MW 3:10-4:00
 T 12:10-3:00

CON PLAN,SCHED,CNTL CON E 441 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 421
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$60.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2742010 1 MW 11:00-11:50
 R 10:00-11:50

CONSTRUCTION ENGINEERING

BID CNST II:HVY&HWY CON E 481A 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6599005 T 8:00-10:00PM
 ARRANGED

CONSTRUC E DESIGN I CON E 487 2 CR.
 PREREQ: 340, 352, 353, 421, 441. STUDENT MUST
 BE WITHIN TWO SEMESTERS OF GRADUATING.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$20.00-\$50.00
 7639005 1 M 12:10-1:00
 T 3:10-5:00
 7639010 2 M 12:10-1:00
 T 10:00-11:50

CON ENGR DESIGN II CON E 488 3 CR.
 PREREQ: 380. CONCURRENT ENROLLMENT IN 487.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$20.00-\$50.00
 7524005 1 M 9:00-9:50
 MWF 10:00-11:50
 7524010 2 M 9:00-9:50
 MWF 10:00-11:50

INDEPENDENT STUDY CON E 490 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CON E 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 398, PERMISSION OF DEPT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRIMINAL JUSTICE STUDIES

INTR CRIMINL JUSTIC CJ ST 240 3 CR.
 4719005 1 TR 11:00-11:50 DELISI M
 M 2:10-3:00
 4719010 2 TR 11:00-11:50 DELISI M
 W 12:10-1:00
 4719015 3 TR 11:00-11:50 DELISI M
 M 3:10-4:00
 4719020 4 TR 11:00-11:50 DELISI M
 F 2:10-3:00

YOUTH & CRIME CJ ST 241 3 CR.
 PREREQ: SOC S 130 OR 134
 2576005 1 TR 10:00-10:50 DELISI M
 W 8:00-8:50
 2576010 2 TR 10:00-10:50 DELISI M
 T 12:40-1:30
 2576015 3 TR 10:00-10:50 DELISI M
 M 3:10-4:00
 2576020 4 TR 10:00-10:50 DELISI M
 F 9:00-9:50

CRIMINOLOGY CJ ST 341 3 CR.
 PREREQ: SOC 130 OR 134
 3175005 A MW 3:40-5:00 HOCHSTETLER A

POLICE AND SOCIETY CJ ST 351 3 CR.
 PREREQ: 240 OR 241
 7751005 TR 9:30-10:50 MONAHAN B

CRIMINAL JUSTICE STUDIES

PNISH,CORECTN&SOCIE CJ ST 352 3 CR.
 PREREQ: 240 OR 241
 7762610 1 TR 11:00-12:20 HOCHSTETLER A

CRIM & JUV JUST PRAC CJ ST 460 3-12 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR OR SR CLASSIFICATION; PERMISSION
 OF CJ ST COORDINATOR; MAJOR OR MINOR IN SOC,
 OR CJ ST MINOR
 2581005 ARRANGED DELISI M

CURRICULUM & INSTRUCTION

DIGITAL LEARN PK-6 C I 201 3 CR.
 COURSE FOR TEACHER LICENSURE STUDENTS ONLY
 3015095 1 TR 11:00-11:50
 M 10:00-11:50
 SECTION 1 RESTRICTED TO EL ED MAJORS

ONLY
 3015015 2 TR 11:00-11:50
 M 12:10-2:00
 SECTION 2 RESTRICTED TO EL ED MAJORS

ONLY
 3015020 3 TR 11:00-11:50
 T 8:00-9:50
 SECTION 3 RESTRICTED TO EL ED MAJORS

ONLY
 3015025 4 TR 11:00-11:50
 T 12:10-2:00
 SECTION 4 RESTRICTED TO EL ED MAJORS

ONLY
 3015085 5 TR 11:00-11:50
 W 10:00-10:50
 SECTION 5 RESTRICTED TO EL ED MAJORS

ONLY
 3015030 6 TR 11:00-11:50
 R 12:10-2:00
 SECTION 6 RESTRICTED TO EL ED MAJORS

ONLY
 3015035 7 TR 11:00-11:50
 W 10:00-11:50
 SECTION 7 RESTRICTED TO ECE MAJORS

DIGITAL LEARN 7-12 C I 202 3 CR.
 FOR SECONDARY EDUCATION MAJORS ONLY

2464005 1 TR 2:10-3:00
 M 12:10-2:00
 2464010 2 TR 2:10-3:00
 M 3:10-5:00
 2464015 3 TR 2:10-3:00
 T 10:00-11:50
 2464020 4 TR 2:10-3:00
 T 12:10-2:00

SOC FOUND AMER EDUC C I 204 3 CR.
 6278005 1 TR 8:00-9:15
 6278010 2 TR 9:30-10:45
 6278015 3 TR 11:00-12:15
 6278020 4 TR 12:40-1:55
 6278025 5 TR 3:40-5:00
 6278030 6 MW 4:30-5:45

ERLY CHLDHED ED ORIE C I 208 1 CR.
 SATISFACTORY-FAIL ONLY.
 4389005 W 3:10-4:00

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

SOPH ORIENTATION C I 215 R CR.
 SATISFACTORY-FAIL ONLY.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3236005 1 W 3:10-4:00

ORIENTATN TEACHR ED C I 216X 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FIRST SEMESTER FRESHMAN EL ED MAJOR OR
 OTHER MAJORS INTERESTED IN SEEKING PRE-K TO 12
 GRADE
 SCHOOL TEACHER CERTIFICATION
 8889005 TR 2:10-3:00

ORIEN TCHR ED SCI,M C I 219 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: STUDENTS SEEKING TEACHER LICENSURE IN
 MATH, SCIENCE OR HISTORY/SOC STUDIES IN GRADES 7-
 12
 1863005 1 W 12:10-1:00

STRATEGIES IN TCHNG C I 245 2 CR.
 PREREQ: 204; HD FS 220 OR 221 OR 226 (OR
 CONCURRENT ENROLLMENT IN ONE OF THESE COURSES);
 CONCURRENT ENROLLMENT IN C I 268; ELIGIBILITY
 FOR ADMISSION TO TEACHER EDUCATION PROGRAM
 COURSE RESTRICTED TO EL ED, ECE MAJORS. TAKE
 CONCURRENTLY WITH 268.
 3238005 W 3:10-5:00

STRATEGIES PRACTICM C I 268 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 204
 TAKE CONCURRENTLY WITH 245, SAME SEC NUMBER.
 COURSE RESTRICTED TO EL ED, ECE MAJORS.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3240005 1 F 8:00-9:50
 3240010 2 F 10:00-11:50
 3240015 3 F 1:10-3:00

EXPRNC TEACHER AIDE C I 280A 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 280A MAY BE TAKEN ALONE
 STUDENTS MUST RESERVE ONE MORNING OR ONE
 AFTERNOON PER CREDIT FOR SITE VISITS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$8.00-
 \$16.00
 6279025 1 W 1:10-2:00
 6279030 2 F 10:00-10:50
 6279035 3 ARRANGED
 SEC 3 FOR STUDENT WHO HAVE PREVIOUSLY
 TAKEN 280A

EXP EDUCTNL CMPUTNG C I 280B 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A,
 TWO CREDITS BY PERMISSION ONLY
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$8.00-\$16.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6280005 1 ARRANGED

EXP MUSEUM EDUCATN C I 280D 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$8.00
 6282005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

EXP MULTICULT YOUTH C I 280E 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$8.00-\$16.00
 6283005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

EXP MILD/MOD DISABL C I 280I 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A,
 CONCURRENT ENROLLMENT IN SP ED 330
 TAKE CONCURRENTLY WITH SP ED 330
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$8.00-
 \$16.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2344005 1 R 1:10-2:00, ARRANGED

EARLY FIELD EXPERNC C I 280L .5 CR.
 SATISFACTORY-FAIL ONLY.
 RESERVE A FOUR-HOUR BLOCK, PLUS TRAVEL TIME, FOR
 FIELD EXPERIENCE
 2843025 1 T 11:00-11:50
 ARRANGED

PRE-TEACH EXPER ART C I 2800 1 CR.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$8.00-\$16.00
 1904005 ARRANGED

INDEPENDENT STUDY C I 290 1- 3 CR.
 PREREQ: PERMISSION OF DEPT CHAIR, 6 CR IN EDUC
 ***** SEE DEPT FOR REFERENCE NUMBERS

TRANSFR ORIENTATION C I 315 1 CR.
 SATISFACTORY-FAIL ONLY.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3250005 1 M 12:10-1:00

ED PSYCH YNG LEARNR C I 332 3 CR.
 PREREQ: PSYCH 230 OR HD FS 102, OPEN ONLY TO
 MAJORS IN EARLY CHILDHOOD EDUCATION OR ELEMENTARY
 ED
 COURSE RESTRICTED TO ECE, EL ED MAJORS
 2635005 1 W 6:00-9:00PM

EDUCATIONAL PSYCHOL C I 333 3 CR.
 PREREQ: PSYCH 230 OR HD FS 102, APPLICATION
 TO THE TEACHER EDUC PROGRAM OR MAJOR IN
 PSYCHOLOGY
 FOR PSYCHOLOGY AND SECONDARY EDUCATION MAJORS
 ONLY
 6084005 1 T 6:00-9:00PM

NATURE OF SCIENCE C I 347 3 CR.
 PREREQ: 280M; CONCURRENT ENROLLMENT IN 418 OR
 INSTRUCTOR PERMISSION
 CONCURRENT ENROLLMENT IN C I 418, 468J
 REQUIRED
 8267005 T 5:10-8:00PM

RDG&LANG ARTS K-3RD C I 377 4 CR.
 PREREQ: C I 245, SP ED 250, HD FS 240, HD FS 226
 (EL ED MAJORS) OR 221 (ECE MAJORS); CONCURRENT
 ENR IN
 448, 468A, 468C (EL ED) OR 438, 468F, 468G, SP ED
 368, HD FS 343 (ECE), ADMISSION TO TEACHER ED
 PROGRAM
 FOR ECE MAJORS, THE CONCURRENT ENROLLMENT
 REQUIREMENTS ARE SP ED 368, C I 438, C I 468F &
 468G.
 EL ED MAJORS MUST REGISTER FOR THE SAME SECTION

CURRICULUM & INSTRUCTION

NUMBER OF 448,468A,468B. RESTRICTED TO STUDENTS WITH

FULL ADMISSION TO THE UNIVERSITY TEACHER EDUC PROGRAM
 2066005 1 MW 11:00-1:30
 NO MEETINGS OCT 27-NOV 21. SECTION 1
 RESTRICTED

TO EL ED MAJORS ONLY.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

2066010 2 MW 2:10-4:40
 NO MEETINGS OCT 27-NOV 21. SECTION 2
 RESTRICTED

TO EL ED MAJORS ONLY.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

2066015 3 MW 8:00-10:30
 NO MEETINGS OCT 27-NOV 21. SECTION 3
 RESTRICTED TO EL ED MAJORS ONLY.

DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

2066020 4 MW 8:30-11:00
 NO MEETINGS OCT 27-NOV 21. SECTION 4
 RESTRICTED TO ECE MAJORS ONLY. CONCURRENT ENROLLMENT IN C I 468G

SECTION 1 IS REQUIRED.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

RDG&LANG ARTS 4TH-6 C I 378 4 CR.

PREREQ: 377; CONCURRENT ENRLMNT IN 449,468B,468D MUST ENROLL IN SAME SECTION NUMBER OF 449, 468B AND 468D

DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

2078005 1 TR 8:00-10:30
 NO MEETINGS SEPT 28-OCT 23
 2078010 2 TR 2:10-4:40
 NO MEETINGS SEPT 28-OCT 23

MID&SEC SCH READING C I 395 3 CR.

PREREQ: 204 AND JUNIOR STANDING
 9656005 TR 8:00-9:20

DSGN DIGTL ENVIRMNT C I 403 3 CR.

PREREQ: 302
 6291005 1 R 5:00-8:00PM
 NO MEETINGS SEPT 28-OCT 23

INTRO MLTCULTRL FND C I 406 3 CR.

PREREQ: 201 OR 202, 332 OR 333, JUNIOR CLASSIFICATION, ADMISSION TO TEACHER EDUC PROGRAM RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM MEETS U.S. DIVERSITY REQMT.

6292005 1 MW 11:00-12:15
 6292010 2 MW 1:10-2:25
 6292015 3 TR 9:30-10:45
 6292020 4 TR 12:40-1:55

PRIN DISTANCE LEARN C I 407 3 CR.

PREREQ: 201 OR 202; CONVENIENT ACCESS TO THE WEB
 4037005 1 M 4:10-7:00PM
 ARRANGED

STUDNT TCHG PRIMARY C I 416A VAR. CR.

PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448, 449; RESERVATION REQUIRED

RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00

CURRICULUM & INSTRUCTION

DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 5054005 ARRANGED

STDT TCHG INTMEDIAT C I 416B VAR. CR.

PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448, 449; RESERVATION REQUIRED

RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00

DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 5056005 ARRANGED

STDT TCHG WRLD LANG C I 416C VAR. CR.

PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448, 449; RESERVATION REQUIRED

RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00

5057005 ARRANGED

STDT TCH SOC ST MID C I 417A VAR. CR.

COURSE ONLY OFFERED FOR 8 CREDITS FALL 2009. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00
 8046005 1 ARRANGED

STUDNT TCH PHYS SCI C I 417B VAR. CR.

PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00
 9044005 1 ARRANGED

SECT 1:AUG 24-NOV 27
 SECTION 1 OFFERED FOR 14 CREDITS.

9044010 2 ARRANGED
 SECT 2:2ND HALF
 SECTION 2 OFFERED FOR 8 CREDITS

STUDNT TEACHNG MATH C I 417C VAR. CR.

PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00
 9045005 1 ARRANGED

SECT 1:AUG 24-NOV 27
 SECTION 1 OFFERED FOR 14 CREDITS

9045010 2 ARRANGED
 SECT 2:2ND HALF
 SECTION 2 OFFERED FOR 8 CREDITS

CURRICULUM & INSTRUCTION

STUDNT TCH BIOL SCI C I 417D VAR. CR.

PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00

- 9046005 1 ARRANGED
SECT 1:AUG 24-NOV 27
SECTION 1 OFFERED FOR 14 CREDITS
- 9046010 2 ARRANGED
SECT 2:2ND HALF
SECTION 2 OFFERED FOR 8 CREDITS

STUDNT TCH ENGL&LIT C I 417E VAR. CR.

PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

COURSE RESTRICTED TO ENGL SENIORS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

- 9047005 1 ARRANGED
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00
SECTION 1 OFFERED FOR 16 CREDITS
- 9047010 2 ARRANGED
SECT 2:1ST HALF
SECTION 2 OFFERED FOR 8 CREDITS
- 9047015 3 ARRANGED
SECT 3:2ND HALF
SECTION 3 OFFERED FOR 8 CREDITS

STDT TCH WORLD LANG C I 417G VAR. CR.

PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00

- 9049005 1 ARRANGED
SECT 1:AUG 24-NOV 27
SECTION 1 OFFERED FOR 16 CREDITS
- 9049010 2 ARRANGED
SECT 2:2ND HALF
SECTION 2 OFFERED FOR 8 CREDITS

STUDNT TCH EARTH SC C I 417J VAR. CR.

PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00

- 9051005 1 ARRANGED
SECT 1:AUG 24-NOV 27
SECTION 1 OFFERED FOR 16 CREDITS
- 9051010 2 ARRANGED
SECT 2:2ND HALF
SECTION 2 OFFERED FOR 8 CREDITS

STUDENT TCH SEC MUS C I 417K VAR. CR.

PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

COURSE ONLY OFFERED FOR 8 CREDITS FALL 2009. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00

CURRICULUM & INSTRUCTION

- 9052005 1 ARRANGED
SECT 1:1ST HALF
- 9052010 2 ARRANGED
SECT 2:2ND HALF

STUDNT TCH ELEM MUS C I 417L VAR. CR.

PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

COURSE ONLY OFFERED FOR 8 CREDITS FALL 2009. RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00

- 9053005 1 ARRANGED
SECT 1:1ST HALF
- 9053010 2 ARRANGED
SECT 2:2ND HALF

STDNT TCH BASIC SCI C I 417M VAR. CR.

PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00

- 9054005 1 ARRANGED
SECT 1:AUG 24-NOV 27
SECTION 1 OFFERED FOR 16 CREDITS
- 9054010 2 ARRANGED
SECT 2:1ST HALF
SECTION 2 OFFERED FOR 8 CREDITS
- 9054015 3 ARRANGED
SECT 3:LAST 14 WKS
SECTION 3 OFFERED FOR 8 CREDITS

STDT TCH SOC STU HS C I 417P VAR. CR.

COURSE ONLY OFFERED FOR 8 CREDITS FALL 2009 PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$328.00

- 8612005 1 ARRANGED

SECNDRY SCI METHD I C I 418 2 CR.

PREREQ: 280M, CREDIT OR CONCURRENT ENROLLMENT IN 347 AND 468J
CONCURRENT ENROLLMENT IN 468J AND 347 REQUIRED

- 8268005 1 M 5:10-8:00PM

BILINGUAL&U.S. MEXI C I 420 3 CR.

PREREQ: 406 OR INSTRUCTOR PERMISSION

- 8569005 W 5:30-8:30PM

PRINCIPLS SECNDY ED C I 426 3 CR.

PREREQ: 202, SR CLASSIFICATION, ADMISSION TO TEACHER EDUCATION PROGRAM
CONCURRENT ENROLLMENT IN 415 IS REQUIRED FOR ALL SECTIONS. RESTRICTED TO STUDENTS WITH FULL ADMISSION

- TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
6293005 A W 5:30-8:30PM

MATH IN PRIMRY GRDS C I 438 2 CR.

PREREQ: HD FS 221; MATH 195; CONCURRENT ENROLLMT IN 377, 433, 439, 468A, 468G, SP ED 355, 455
COURSE RESTRICTED TO ECE MAJORS

- 4489005 MW 2:10-3:25
NO MEETINGS OCT 26-NOV 20

CURRICULUM & INSTRUCTION

TCHG OF SOC STUDIES C I 443 3 CR.

PREREQ: 377
 RESTRICTED TO EL ED MAJORS ONLY
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3258005 1 MW 3:10-5:00
 NO MEETINGS SEPT 28-OCT 23
 3258010 2 TR 9:00-10:50
 NO MEETINGS SEPT 28-OCT 23

TCHNG CHILDREN MATH C I 448 3 CR.

PREREQ: MATH 195, 196, CONCURRENT ENROLLMENT IN
 C I 377, 468A, 468C
 TAKE CONCURRENTLY WITH 377, 468A, AND 468C -
 SAME SECTION NUMBER. RESTRICTED TO EL ED MAJORS.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3260020 1 MW 8:30-10:30
 NO MTGS OCT 26-NOV 20
 3260025 2 MW 11:00-1:00
 NO MTGS OCT 26-NOV 20
 3260015 3 MW 11:30-1:30
 NO MTGS OCT 26-NOV 20

TEACHING OF SCIENCE C I 449 3 CR.

PREREQ: 377, CONCURRENT ENROLLMENT IN 378, 468B
 468D, JUNIOR CLASSIFICATION
 RESTRICTED TO EL ED MAJORS ONLY
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3261005 1 TR 11:00-12:50
 NO MEETINGS SEPT 28-OCT 23
 3261010 2 TR 8:30-10:30
 NO MEETINGS SEPT 28-OCT 23

CORRECTIVE READING C I 452 3 CR.

PREREQ: 378 OR EQUIV; UNDERGRAD STUDENTS MUST
 REGISTER CONCURRENTLY FOR SP ED 365, 436;
 GRADUATE
 STUDENTS MUST HAVE A TEACHING LICENSE
 6584005 TR 12:40-2:00

RDNG&LANGUAG TCHNOL C I 456 3 CR.

PREREQ: 201 OR 202, 377
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3257005 W 5:10-8:00PM

PRA PRIMRY RDG&LANG C I 468A 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
 TAKE CONCURRENTLY WITH 377, 448, 468C - SAME
 SECTION NUMBER. RESTRICTED TO EL ED MAJORS.
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$51.75
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3265005 1 MW 7:30-4:30
 SECT 1:OCT 26-NOV 18
 ADDITIONAL REQUIRED MEETING: AUG 26,

1:10-2:00

PRA RDG&LANG INTRMD C I 468B 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
 TAKE CONCURRENTLY WITH 378, 449 AND 468D - SAME
 SECTION NUMBER. RESTRICTED TO EL ED MAJORS.
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$51.75
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3266005 1 TR 7:30-4:30

1:10-2:00

TCHG PRACTICUM MATH C I 468C 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
 TAKE CONCURRENTLY WITH 377, 448 AND 468A - SAME
 SECTION NUMBER. RESTRICTED TO EL ED MAJORS ONLY.
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$51.75
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3267005 1 MW 7:30-4:30

1:10-2:00

TCHNG PRACTICUM SCI C I 468D 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
 COURSE RESTRICTED TO EL ED MAJORS ONLY. TAKE
 CONCURRENTLY WITH 378,449,468B - SAME SECTION
 NUMBER.

RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$51.75

DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

3268005 1 TR 7:30-4:30
 SECT 1:SEPT 29-OCT 22
 ADDITIONAL REQUIRED MEETING: AUG 27,

1:10-2:00

TCHG PRACTCM LANGUA C I 468E 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$58.00

9382005 1 F 7:30-4:00
 SECT 1:SEPT 18-OCT 9
 NO MEETING OCT 2
 9382010 2 F 7:30-4:00
 SECT 2:OCT 16-30
 9382015 3 F 7:30-4:00
 SECT 3:NOV 6-20

CURRICULUM & INSTRUCTION

PRA PMRY LITRCY INC C I 468F 1 CR.
SATISFACTORY-FAIL ONLY.

PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
CONCURRENT ENROLLMENT IN SP ED 368 REQUIRED.

RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$58.00

4518005 1 MW 7:30-12:30

SECT 1:OCT 26-NOV 18

ADDITIONAL REQUIRED MEETING: AUG 26,

12:10-1:00

PRA PRMRY MATH INCL C I 468G 1 CR.
SATISFACTORY-FAIL ONLY.

PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
COURSE RESTRICTED TO ECE MAJORS. MUST ALSO
REGISTER FOR 433,438,439,468I, SP ED 355 & 455.
RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$51.75

4524005 1 MW 7:30-4:30

SECT 1:OCT 26-NOV 20

ADDITIONAL REQUIRED MEETING: AUG 26,

12:10-1:00.

CONCURRENT ENROLLMENT IN C I 377

SECTION 4 IS ALSO

REQUIRED.

4524010 2 MW 7:30-12:00

SECT 2:OCT 26-NOV 20

ADDITIONAL REQUIRED MEETING: AUG 27,

11:00-11:50

PRA PRIMRY SCI INCL C I 468I 1 CR.
SATISFACTORY-FAIL ONLY.

PREREQ: 245,250,268; ADMISSION TO TEACHER ED PROG
COURSE RESTRICTED TO ECE MAJORS. MUST ALSO
REGISTER FOR 433,438,439,468G, SP ED 355 & 455.
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$51.75

4528005 1 TR 7:30-12:00

SECT 1:SEPT 29-OCT 23

ADDITIONAL REQUIRED MEETING: AUG 27,

11:00-11:50

PRACTCM SECND SCI I C I 468J 2 CR.
SATISFACTORY-FAIL ONLY.

PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
CONCURRENT ENROLLMENT IN C I 347 AND 418 IS
REQUIRED. RESTRICTED TO STUDENTS WITH FULL
ADMISSION

TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$58.00

8222005 ARRANGED

PRACT READNG ENDORS C I 468R 1 CR.
SATISFACTORY-FAIL ONLY.

PREREQ: PERMISSION OF DEPT; CONCURRENT ENR IN 378
ADMISSION TO TEACHER EDUC PROGRAM

RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$58.00

DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

4300005 TR 7:30-12:30

SEPT 29-OCT 22

FLD EXP TCH HIS/SOC C I 480A .5- 2 CR.

PREREQ: PERMISSION OF COORDINATOR REQUIRED
PRIOR TO ENROLLMENT

COURSE ONLY OFFERED FOR 2 CREDITS FALL 2009
MATERIALS AND PROFESSIONAL SUPPORT FEE
\$26.00-\$103.50

6581005 TR 10:30-2:30

SEPT 22-NOV 12

FIELD EXP TCHG MATH C I 480C .5- 2 CR.

PREREQ: PERMISSION OF COORDINATOR REQUIRED
PRIOR TO ENROLLMENT

MATERIALS AND PROFESSIONAL SUPPORT FEE \$8.00-\$16.00

9057005 1 ARRANGED

SEC 1 OFFERED FOR 1-2 CREDITS

9057010 2 ARRANGED

SEC 2 OFFERED FOR .5 CREDIT

FLD EXP TEACH MUSIC C I 480K .5- 2 CR.

PREREQ: PERMISSION OF COORDINATOR REQUIRED
PRIOR TO ENROLLMENT

9064005 1 ARRANGED

SEC 1 OFFERED FOR 1-2 CREDITS

9064010 2 ARRANGED

SEC 2 OFFERED FOR .5 CREDIT

WRLD LANGU MTHDS EL C I 486 3 CR.

PREREQ: 25 CREDITS IN A WORLD LANGUAGE
MATERIALS AND EQUIPMENT USE FEE \$25.00

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
9655005 1 T 6:00-8:50PM

WLD LANGU MTHDS SEC C I 487 3 CR.

PREREQ: 25 CREDITS IN A WORLD LANGUAGE,
ADMISSION TO THE TEACHER EDUCATION PROGRAM
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
MATERIALS AND EQUIPMENT USE FEE \$25.00

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

4412005 1 R 6:10-8:50PM

INDEP STUDY EDUCATN C I 490A VAR. CR.

PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CURR CONSTR C I 490C 1- 3 CR.

PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU PRIN EDUC C I 490D 1- 3 CR.

PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY METHD TCHG C I 490E 1- 3 CR.

PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

IND STDY EDUC PSYCH C I 490F 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU INST TCHNOL C I 490G 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C I 490H 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 MEMBERSHIP IN UNIV HONORS PROGRAM
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU EDUC STAT C I 490I 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU MULTICUL ED C I 490J 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

IND STU LITERACY ED C I 490L 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU MATH EDUC C I 490M 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

IND STDY FOUND EDUC C I 490O 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACH LIT SECONDARY C I 494 3 CR.
 PREREQ: ENGL 310, 397, 9 OTHER CREDITS IN ENGLISH
 BEYOND 250, PSYCH 333, ADMISSION TO TEACHER EDUC
 PROG
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 6305005 A TR 2:10-3:30
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

TEACHING SPEECH C I 495B 3 CR.
 PREREQ: SP CM 313; 9 CREDITS IN SP CM;
 MINIMUM GPA OF 2.50 IN SP CM COURSES
 7217005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

TEACH SEC SCHL MATH C I 497 3 CR.
 PREREQ: 15 CR IN COLLEGE MATH; IF IN A TEACHER
 LICENSURE PROGRAM, CONCURRENT ENROLLMENT IN C I
 426
 OR 526
 6307005 1 M 5:30-8:30PM

MTHDS TCHG HIST/SOC C I 498 3 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 480A; ADMISSION
 TO TEACHER EDUC; 30 CREDITS IN SUBJECT-MATTER
 FIELD
 8504005 TR 3:40-5:00

FOUND DIGITL LEARNNG C I 501 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2792005 M 6:00-9:00PM

DSGN LEARNING ENVIR C I 503 3 CR.
 PREREQ: 501
 2794005 ARRANGED
 DELIVERY IS WWW

TCHNOL IN TEACH&LRN C I 505 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2796005 T 5:10-8:00PM

ADV MULTICULT FNDTN C I 506 3 CR.
 PREREQ: 6 GRADUATE CREDITS IN EDUCATION
 2797005 W 6:00-9:00PM

PRIN DISTANCE LEARN C I 507 3 CR.
 PREREQ: 501, CONVENIENT ACCESS TO THE WEB
 4384005 M 4:10-7:00PM
 ARRANGED

ALGEBRA K-12 CLSRMS C I 508 3 CR.
 PREREQ: 448, 497, OR GRADUATE STATUS
 7172005 1 R 5:10-8:00PM

MATH PROB SOLV K-12 C I 513 3 CR.
 PREREQ: 6 CR OF MATH, C I 448 OR 497 OR PERMSSION
 OF INSTRUCTOR
 6988005 1 T 5:10-8:00PM

STUDNT TCH PHYS SCI C I 517B VAR. CR.
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$246.00
 2460010 1 ARRANGED
 SECT 1:1ST 12 WKS

STUDNT TEACHNG MATH C I 517C VAR. CR.
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$615.00
 2466005 1 ARRANGED
 SECT 1:1ST 12 WKS
 2466010 2 ARRANGED
 SECT 2:LAST 12 WKS

SCIENCE METHODS I C I 518 2 CR.
 PREREQ: 514; CONCURRENT ENROLLMENT IN 547 & 591D
 8369005 M 5:10-8:00PM

BILINGUAL&U.S. MEXI C I 520 3 CR.
 PREREQ: 506
 8570005 W 6:00-9:00PM

CURRICULUM & INSTRUCTION

PRIN SECONDARY EDUC C I 526 3 CR.
 PREREQ: 6 CREDITS IN EDUCATION
 7724005 W 5:30-8:30PM

EDUC PSYCH LEARNING C I 533 3 CR.
 PREREQ: 333 OR TEACHER LICENSURE
 4363005 1 MW 4:30-6:00PM

ADV PEDAG SCIENC ED C I 546 3 CR.
 PREREQ: BACHELOR'S DEGREE
 3527005 W 5:30-8:30PM

NATURE OF SCIENCE C I 547 3 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 518 OR
 PERMISSION OF INSTRUCTOR
 7717005 1 T 5:10-8:00PM

CORRECTIVE READING C I 552 3 CR.
 PREREQ: 378 OR EQUIV; UNDERGRAD STUDENTS MUST
 REGISTER CONCURRENTLY FOR SP ED 365, 436;
 GRADUATE
 STUDENT MUST HAVE A TEACHING LICENSE
 3276005 TR 12:40-2:00

TCHNOL IN READ&LANG C I 556 3 CR.
 PREREQ: TEACHING LICENSE
 1285005 W 5:10-8:00PM

SPCL TOP CURRICULUM C I 590A 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTR TECHNO C I 590B 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SCIENCE EDUC C I 590C 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SEC EDUC C I 590D 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP MULTICULT ED C I 590F 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS MATH EDUC C I 590G 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS ELEM ED C I 590I 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WORLD LANGU C I 590J 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC PSYCH C I 590K 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION

SPL TOP SOCIAL STDI C I 590L 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LITERACY ED C I 590M 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP WORLD LANGU C I 591B 1- 6 CR.
 PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$33.00-\$198.00
 8128005 ARRANGED

FIELD EXP SECOND ED C I 591D 1- 6 CR.
 PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA
 COURSE ONLY OFFERED FOR 2 CREDITS FALL 2009
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$33.00-\$198.00
 5058005 ARRANGED

SCIENCE EDUC WKSHOP C I 593C 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 COURSE FOR BETAL GROUP PARTICIPANTS ONLY
 2812005 1 ARRANGED
 SECTION 1 OFFERED FOR ONE CREDIT
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES
 2812010 2 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

CURRIC THEORY &PRIN C I 594 3 CR.
 PREREQ: GRADUATE STANDING
 2816005 T 6:00-9:00PM

TCHG READG MIDL&SEC C I 595 3 CR.
 PREREQ: GRADUATE STATUS AND TEACHING LICENSE
 2932005 TR 8:00-9:20

TEACH SEC SCHL MATH C I 597 3 CR.
 PREREQ: 15 CREDITS IN COLLEGE MATH; IF IN A
 TEACHER LICENSURE PROGRAM, CONCURRENT ENROLLMENT
 IN C I 426 OR C I 526
 8440005 1 M 5:30-8:30PM

CRTV COMP CURRICULM C I 599A 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP INSTR TCHNL C I 599B 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED C I 599C 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION

CRTV COMP SECNDR ED C I 599D 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP MULTICUL ED C I 599F 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC C I 599G 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPON ELEM ED C I 599I 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP EDU PSYCH C I 599K 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP LITERC ED C I 599M 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIGTL LEARN TCHR ED C I 610 2 CR.
 PREREQ: 505
 2065005 M 9:00-10:50, ARRANGED

SEMNR INSTR TECHNOL C I 615B 1 CR.
 5264005 W 4:10-5:00

SEMINAR SCIENCE ED C I 615C 1 CR.
 5268005 1 T 4:10-5:00

SEM MULTICULTURL ED C I 615F 1 CR.
 4563005 1 W 2:10-3:00

SEMINAR MATH EDUC C I 615G 1 CR.
 4571005 ARRANGED

SEMINR EDUC PSYCHOL C I 615K 1 CR.
 4586005 M 10:30-11:50

DISCOURSE IN CLSRMS C I 671 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 7272005 W 5:30-8:30PM

ADV SPCL TOP CURRIC C I 690A VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP INS TCH C I 690B VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED C I 690C VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED C I 690D VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION

ADV SPL TOP MLTICUL C I 690F VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MATH ED C I 690G VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TP WRL LANG C I 690J VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC C I 690K VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP SOC STU C I 690L VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LITERACY ED C I 690M VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CURRICULUM C I 699A VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES INSTRUC TECHNOL C I 699B VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC C I 699C VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC C I 699D VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MULTICULTURL ED C I 699F VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MATH EDUC C I 699G VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC C I 699I VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH WRLD LANGU ED C I 699J VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION

RESRCH EDUC PSYCHOL C I 699K VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOC STUDI ED C I 699L VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH LITERACY ED C I 699M VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

DANCE

MODERN DANCE I DANCE 120 1 CR.
 SATISFACTORY-FAIL ONLY.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$20.00
 2838005 1 MW 11:00-12:15

BALLET I DANCE 130 1 CR.
 SATISFACTORY-FAIL ONLY.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$20.00
 2839005 1 TR 11:00-12:15

JAZZ I DANCE 140 1 CR.
 SATISFACTORY-FAIL ONLY.
 2840005 1 TR 12:40-2:00

TAP DANCE I DANCE 150 1 CR.
 SATISFACTORY-FAIL ONLY.
 2841005 1 MW 3:10-4:15

BALLROOM DANCE I DANCE 160 1 CR.
 SATISFACTORY-FAIL ONLY.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$10.00
 2842005 1 TR 10:00-10:50
 SECTN 1 FOR MEN ONLY. MEETS WITH

SECTION 2.
 2842010 2 TR 10:00-10:50
 SECTN 2 FOR WOMEN ONLY. MEETS WITH

SECTN 1.
 2842015 3 TR 11:00-11:50
 SECTN 3 FOR MEN ONLY. MEETS WITH

SECTION 4.
 2842020 4 TR 11:00-11:50
 SECTN 4 FOR WOMEN ONLY. MEETS WITH

SECTN 3.

DANCE CONTINUUM DANCE 199 .5- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: INSTRUCTOR PERMISSION. ADVANCE
 REGISTRATION REQUIRED
 COURSE ONLY OFFERED FOR 1-2 CREDITS FALL 2009
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2845005 1 ARRANGED

MODERN DANCE COMPOS DANCE 220 2 CR.
 PREREQ: 120 OR PREVIOUS MODERN DANCE EXPERIENCE
 2846005 1 TR 2:10-4:00

MODERN DANCE II DANCE 222 1 CR.
 PREREQ: 120 OR PREVIOUS MODERN DANCE EXPERIENCE
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$20.00
 2847005 1 MW 2:10-3:25

DANCE

CONCERT&THTRE DANCE DANCE 224 .5- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: BY AUDITION ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2849005 1 ARRANGED
 SECTION 1 OFFERED FOR .5 CREDIT ONLY
 2849010 2 ARRANGED
 SECTION 2 OFFERED FOR 1 CREDIT ONLY
 2849015 3 ARRANGED
 SECTION 3 OFFERED FOR 2 CREDITS ONLY

BALLET III DANCE 233 1 CR.
 PREREQ: 232
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$20.00
 2851005 1 MW 12:10-1:20

DANCE APPRECIATION DANCE 270 3 CR.
 2855005 1 MWF 1:10-2:00

ADV STUDIES DANCE DANCE 370 1- 3 CR.
 PREREQ: 2 CR IN DANCE, ADVANCE REGISTRATION REQ'D
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2858005 ARRANGED

MTHD OF TCHNG DANCE DANCE 385 2 CR.
 2860005 1 MWF 11:00-11:50

INDEPENDENT STUDY DANCE 490 1- 3 CR.
 PREREQ: 6 CR IN DANCE, PERMISSION OF COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

DESIGN STUDIES

DESIGN STUDIO I DSN S 102 4 CR.
 ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF
 DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED
 TO

COLLEGES OTHER THAN DESIGN. SECTION XA IS OPEN TO
 ALL MAJORS.
 MATERIALS FEE \$5.00

8050005 1 MW 9:00-11:50
 F 9:00-9:50

8050015 3 MW 9:00-11:50
 F 9:00-9:50

8050025 5 MW 9:00-11:50
 F 9:00-9:50

8050035 7 MW 12:10-3:00
 F 9:00-9:50

8050036 8 MW 12:10-3:00
 F 9:00-9:50

8050045 9 MW 12:10-3:00
 F 9:00-9:50

8050055 11 MW 12:10-3:00
 F 9:00-9:50

8050065 13 MW 3:10-6:00PM
 F 9:00-9:50

8050075 15 MW 3:10-6:00PM
 F 9:00-9:50

8050076 16 MW 3:10-6:00PM
 F 9:00-9:50

8050085 17 MW 3:10-6:00PM
 F 9:00-9:50

DESIGN STUDIES

DESIGN STUDIES

DESIGN STUDIO I DSN S 102 4 CR.
 8050095 19 TR 9:00-11:50
 F 9:00-9:50
 8050096 20 TR 9:00-11:50
 F 9:00-9:50
 8050105 21 TR 9:00-11:50
 F 9:00-9:50
 8050115 23 TR 9:00-11:50
 F 9:00-9:50
 8050125 25 TR 12:10-3:00
 F 9:00-9:50
 8050135 27 TR 12:10-3:00
 F 9:00-9:50
 8050136 28 TR 12:10-3:00
 F 9:00-9:50
 8050145 29 TR 12:10-3:00
 F 9:00-9:50
 8050155 31 TR 3:10-6:00PM
 F 9:00-9:50
 8050165 33 TR 3:10-6:00PM
 F 9:00-9:50
 8050175 35 TR 3:10-6:00PM
 F 9:00-9:50
 8050180 36 TR 3:10-6:00PM
 F 9:00-9:50

DESIGN EXCH SEMIN I DSN S 110 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MEMBER OF DESIGN EXCHANGE LEARN COMMUNITY
 MATERIALS FEE \$10.00-\$15.00
 7652005 1 T 6:00-7:30PM

DESIGN COLLABOR SEM DSN S 115 .5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MEMBER OF DESIGN COLLABORATIVE LEARNING
 COMMUNITY
 MATERIALS FEE \$5.00-\$20.00
 7947005 1 W 4:10-5:00
 SECT 1:1ST 10 WKS
 CONCURRENT ENROLLMENT IN DSN S 131 IS
 REQUIRED
 WITH SECTION 1
 7947010 2 W 8:00-8:50
 SECT 2:1ST 10 WKS
 CONCURRENT ENROLLMENT IN DSN S 102 IS
 REQUIRED
 WITH SECTION 2

DESIGN REPRESENTATN DSN S 131 4 CR.
 ODD-NUMBERED SECTIONS RESTRICTED TO DESIGN
 COLLEGE MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED
 TO COLLEGES OTHER THAN DESIGN.
 MATERIALS FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2124005 1 MWF 8:00-9:50
 TR 3:40-4:30
 2124010 2 MWF 8:00-9:50
 TR 3:40-4:30
 2124015 3 MWF 8:00-9:50
 TR 3:40-4:30
 2124025 5 TR 11:00-2:00
 TR 3:40-4:30
 2124035 7 MWF 8:00-9:50
 TR 3:40-4:30
 2124045 9 MWF 10:00-11:50
 TR 3:40-4:30

DESIGN REPRESENTATN DSN S 131 4 CR.

2124055 11 MWF 10:00-11:50
 TR 3:40-4:30
 2124065 13 MWF 12:10-2:00
 TR 3:40-4:30
 2124075 15 MWF 12:10-2:00
 TR 3:40-4:30
 2124080 16 MWF 12:10-2:00
 TR 3:40-4:30
 2124085 17 MWF 12:10-2:00
 TR 3:40-4:30
 2124090 18 MWF 12:10-2:00
 TR 3:40-4:30
 2124095 19 MWF 2:10-4:00
 TR 3:40-4:30
 2124100 20 MWF 2:10-4:00
 TR 3:40-4:30
 2124105 21 MWF 2:10-4:00
 TR 3:40-4:30
 2124110 22 MWF 2:10-4:00
 TR 3:40-4:30
 2124115 23 TR 8:00-10:50
 TR 3:40-4:30
 2124125 25 TR 8:00-10:50
 TR 3:40-4:30
 2124135 27 TR 11:00-2:00
 TR 3:40-4:30
 2124145 29 TR 11:00-2:00
 TR 3:40-4:30
 2124155 31 MWF 10:00-11:50
 TR 3:40-4:30
 2124165 33 TR 8:00-10:50
 TR 3:40-4:30
 2124175 35 MWF 10:00-11:50
 TR 3:40-4:30
 2124185 37 MWF 2:10-4:00
 TR 3:40-4:30

DESIGN CULTURES DSN S 183 3 CR.

SEC 1,3 RESTRICTED TO COLLEGES OTHER THAN DESIGN.
 SECTIONS 2,4 RESTRICTED TO COLLEGE OF DESIGN
 MAJORS.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-
 \$15.00
 5945005 1 TR 2:10-3:30
 5945010 2 TR 2:10-3:30
 5945015 3 MWF 10:00-10:50
 5945020 4 MWF 10:00-10:50

HIST WESTERN ARCH I DSN S 221 3 CR.

MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2089005 1 MW 9:00-9:50
 F 9:00-9:50
 2089010 2 MW 9:00-9:50
 F 9:00-9:50
 2089015 3 MW 9:00-9:50
 F 9:00-9:50
 2089020 4 MW 9:00-9:50
 F 9:00-9:50
 2089025 5 MW 9:00-9:50
 F 10:00-10:50
 2089030 6 MW 9:00-9:50
 F 10:00-10:50
 2089035 7 MW 9:00-9:50
 F 10:00-10:50
 2089040 8 MW 9:00-9:50
 F 10:00-10:50

DESIGN STUDIES

HISTORY OF ART I DSN S 280 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2628005 A1 TR 12:40-2:00
 SECTION A1 RESTRICTED TO ART, ARTDN,
 ARTFA,
 ARTGR, ARTID, ARTIS MAJORS
 2628010 A2 TR 12:40-2:00

HONORS ART HISTORY I DSN S 280H 4 CR.
 COURSE ONLY OFFERED FOR 4 CREDITS FALL 2009.
 RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS
 PROGRAM ONLY.
 7193005 TR 12:40-2:00
 T 3:10-4:00

WORLD CITIES&GLOBLZ DSN S 291 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3043005 MWF 10:00-10:50
 SECTION INFO:
<http://www.public.iastate.edu/~fowusu/course>

ENVIRONMTL PLANNING DSN S 293 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$20.00
 3864005 TR 12:40-2:00

STDY ABRD PREP SEMN DSN S 301 1 CR.
 SATISFACTORY-FAIL ONLY.
 7396005 1 M 7:00-7:50PM
 SECTION 1 RESTRICTED TO ARC, ARCH
 MAJORS

DESIGN LEADRSHP SEM DSN S 302 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SELECTION AS A PEER MENTOR FOR THE CORE
 DESIGN PROGRAM
 8568005 1 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

DESIGN AMBASSADORS DSN S 303 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADMITTANCE INTO ONE OF THE PROFESSIONAL
 PROGRAMS IN THE COLLEGE OF DESIGN
 1677005 1 ARRANGED

L ARCH HIST TO 1750 DSN S 373 3 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4650005 1 TR 9:30-10:50
 SECTION 1 RESTRICTED TO L A, P LA
 MAJORS ONLY
 4650010 2 TR 9:30-10:50
 SEC 2 RESTRICTED TO MAJORS OTHER THAN
 L A, P LA

INTERNSH SEARCH SEM DSN S 397 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SOPHOMORE CLASSIFICATION OR ABOVE IN
 ONE OF THE COLLEGE OF DESIGN DEGREE PROGRAMS
 8747005 1 M 5:10-6:00PM
 8747010 2 T 5:10-6:00PM

DESIGN STUDIES

GROWTH MANAGEMENT DSN S 425 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$20.00
 3952005 MWF 1:10-2:00

TOPCS NATIVE AM ARC DSN S 426 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF ARCH/AM IN/DSN S 426
 MAY BE APPLIED TO THE ARCHITECTURE DEGREE PROGRAM
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$30.00-
 \$90.00
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6816005 1 T 7:00-10:00PM

INTERDIS DSN STUDIO DSN S 446 4- 6 CR.
 PREREQ: JR CLASSIFICATION IN A CURRICULUM IN
 THE COLLEGE OF DESIGN AND PERMISSION OF
 INSTRUCTOR
 COURSE RESTRICTED TO DESIGN COLLEGE JUNIORS AND
 SENIORS
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$50.00-\$750.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2871005 1 MW 1:10-5:20
 F 1:10-3:50
 F 4:10-5:20

MOD&CNTM ART&THRY I DSN S 488 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2693005 A TR 11:00-12:20

INDEPN STUDY DESIGN DSN S 490D 1- 4 CR.
 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 CR.
 PREREQ: ENROLLMENT IN THE COLLEGE OF DESIGN ROME
 STUDY ABROAD PROGRAM OR DSN S 301
 6821005 1 M 6:00-6:50PM
 6821800 IT ARRANGED JONES B
 SECT IT:SEPT 3-DEC 18
 SEC IT TAUGHT IN ROME, ITALY.
 'COLLEGE OF DESIGN
 IN ROME: ART & DESIGN, FALL 2009'
 STUDY ABROAD
 EXPERIENCE.

HIST OF PHOTOGRAPHY DSN S 496 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2786005 A MWF 12:10-1:00

TOPICS IN ART HIST DSN S 498 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2788005 1 MWF 9:00-9:50
 SECTION 1 TOPIC - SEQUENTIAL ART:
 COMIC STRIPS,
 BOOKS AND GRAPHIC NOVELS
 2788010 2 MWF 9:00-9:50
 SECTION 2 TOPIC: FINE ART CERAMICS
 AND PORCELAIN
 IN EUROPE AND AMERICA

DESIGN STUDIES

GROWTH MANAGEMENT DSN S 525 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$20.00
 4127005 MWF 1:10-2:00

TOP STDI ARCH&CULTR DSN S 528A 2- 3 CR.
 PREREQ: ARCH 221, 222 OR SR CLASSIF OR GRAD
 STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 FIELD TRIPS & TRAVEL FEE \$5.00-\$820.00
 1716005 1 T 6:30-9:00PM
 SECTION 1 TOPIC: FLW AND THE PRAIRIE

SCHOOL
 1716010 2 TR 9:30-10:50
 SECTION 2 TOPIC: HISTORIC

PRESERVATION
 1716015 3 TR 9:30-10:50
 SECTION 3 TOPIC - CRAFT AND CRAFTY:

RELATIONSHIP
 BETWEEN CREATIVITY AND MISCHIEF
 1716020 4 MWF 9:00-9:50
 SECTION 4 TOPIC - ITALIAN ART AND

ARCHITECTURE:
 ROME, FLORENCE & VENICE
 1716025 5 TR 12:40-2:00
 SECTION 5 TOPIC: LANDSCAPE URBANISM

TOPCL STDI TECHNOLG DSN S 528B 2- 3 CR.
 PREREQ: ARCH 221, 222 OR SR CLASSIF OR GRAD
 STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 FIELD TRIPS & TRAVEL FEE \$5.00-\$250.00
 1703005 1 TR 5:10-6:30PM
 SECTION 1 TOPIC: ADVANCED COMPUTER

LIGHTING
 AND RENDERING

TOPCL STDI CMMUNCAT DSN S 528C 2- 3 CR.
 PREREQ: ARCH 221, 222 OR SR CLASSIF OR GRAD
 STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 FIELD TRIPS & TRAVEL FEE \$5.00-\$250.00
 1688005 1 W 6:00-9:00PM
 SEC 1 TOPIC - SOLAR DECATHLON:

LEADERSHIP SEMINAR

TOPCL STDI DESIGN DSN S 528D 2- 3 CR.
 PREREQ: ARCH 221, 222 OR SR CLASSIF OR GRAD
 STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009.
 FIELD TRIPS & TRAVEL FEE \$5.00-\$250.00
 1717005 1 T 7:00-10:00PM
 SECTION 1 TOPIC: COLLAGE. RESTRICTED

TO COLLEGE
 OF DESIGN MAJORS.

INTERDIS DSN STUDIO DSN S 546 4- 6 CR.
 PREREQ: ADMISSION TO A GRADUATE PROGRAM IN
 THE COLLEGE OF DSGN & INSTRUCTOR PERMISSION
 COURSE RESTRICTED TO DESIGN COLLEGE GRAD STUDENTS
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$50.00-\$750.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2878005 1 MW 1:10-5:20
 F 1:10-3:50
 F 4:10-5:20

DESIGN STUDIES

SUSTAINBT&GREEN ARC DSN S 558 3 CR.
 PREREQ: GRADUATE STANDING
 2430005 1 R 7:00-9:40PM

DSGN FOR ALL PEOPLE DSN S 571 3 CR.
 PREREQ: SR CLASSIFICATION OR GRADUATE STANDING
 MEETS U.S. DIVERSITY REQMT.
 4715005 1 TR 11:00-12:30

MOD&CNTM ART&THRY I DSN S 588 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION
 RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2886005 A TR 11:00-12:20

SPECIAL TOPICS DSN S 590 1- 4 CR.
 PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF
 ENROLLMNT
 7967005 ARRANGED

HIST OF PHOTOGRAPHY DSN S 596 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION
 RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 3117005 A MWF 12:10-1:00

TOPICS IN ART HIST DSN S 598 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION
 RESTRICTED TO DESIGN COLLEGE GRADUATE STUDENTS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 3200005 1 MWF 9:00-9:50
 SECTION 1 TOPIC - SEQUENTIAL ART:

COMIC STRIPS,
 BOOKS AND GRAPHIC NOVELS
 3200010 2 MWF 9:00-9:50
 SECTION 2 TOPIC: FINE ART CERAMICS

AND PORCELAIN
 IN EUROPE AND AMERICA

ECOLOGY & EVOLUTIONARY BIOLOGY

FOUND ECO&EVOL BIOL EEB 511 4 CR.
 PREREQ: GRADUATE CLASSIFICATION
 5778005 TR 11:00-12:20
 F 1:10-3:00

SPECIAL TOPICS EEB 590 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND INSTR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR EEB 698 1 CR.
 7861005 1 ARRANGED
 7861010 2 ARRANGED
 7861015 3 ARRANGED

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

**ECOLOGY, EVOLUTION &
ORGANISMAL BIOL**

EVOLUTIONARY ECOLGY EEOB 514 3 CR.
PREREQ: 589, BIOL 315, GRADUATE STANDING
1108005 TR 11:00-12:15

RESTORATION ECOLOGY EEOB 535 3 CR.
PREREQ: BIOL 366 OR 474 OR GRADUATE STANDING
FIELD TRIPS & TRAVEL FEE \$30.00
5295005 WF 11:00-11:50
M 9:00-11:50

INTRO DNA TECHNIQS EEOB 542A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7105005 1 TR 1:10-2:00
TR 2:10-4:00
SECT 1:AUG 25-SEPT 24

INTRO CELL TECHNIQS EEOB 542C 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7119005 1 TR 1:10-2:00
TR 2:10-4:00
SECT 1:NOV 3-DEC 10

INTR PROTEOMCS TCNQ EEOB 542E 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: GRADUATE CLASSIFICATION
7219005 1 TR 1:10-2:00
TR 2:10-4:00
SECT 1:SEPT 29-OCT 29

AGROSTOLOGY EEOB 553 3 CR.
PREREQ: BIOL 366
7080005 TR 9:00-11:50

BIOGEOGRAPHY EEOB 569 3 CR.
PREREQ: BIOL 315 OR EQUIVALENT; INSTR PERMISSION
1284005 MWF 11:00-11:50

INTRO ENVIRN SYSTMS EEOB 581 4 CR.
PREREQ: BIOL 211 OR MICRO 201; CHEM 164 OR 165
OR 167 OR 178 OR 201
2649005 1 MWF 1:10-3:00
PERMISSION OF COORDINATOR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10

ALUMNI HALL

COMMUNITY ECOLOGY EEOB 585 3 CR.
PREREQ: BIOL 312
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2133005 R 2:10-3:30
T 3:10-5:10

AQUATIC ECOLOGY EEOB 586 3 CR.
PREREQ: ENSCI 301 OR 312 OR 381 OR 402
5636005 TR 9:30-10:50

AQUATIC ECOLOGY LAB EEOB 586L 1 CR.
PREREQ: CONCURRENT ENROLLMENT IN 586
5643005 1 T 12:10-3:00
INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
5643010 2 T 3:10-6:00PM
INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

POPULATION ECOLOGY EEOB 589 3 CR.
PREREQ: BIOL 312, STAT 101 OR 104, A COURSE IN
CALCULUS, OR GRADUATE STANDING
2134005 1 MW 12:10-1:00
T 9:00-10:50

SPCL TOPICS ECOLOGY EEOB 590A 1- 3 CR.
PREREQ: 10 CR IN BIOL, INSTRUCTOR PERMISSION
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EVOLUT BIOL EEOB 590B 1- 3 CR.
PREREQ: 10 CR IN BIOL, INSTRUCTOR PERMISSION
***** SEE DEPT FOR REFERENCE NUMBERS

ECOLOGY AND SOCIETY EEOB 596 3 CR.
8806005 T 7:00-9:30PM

CREATIVE COMPONENT EEOB 599 VAR. CR.
2145005 ARRANGED

LIGHT MICROSCOPY EEOB 679 5 CR.
PREREQ: PERMISSION OF INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
2747005 W 12:10-1:00
F 8:00-8:50
W 1:10-4:00
F 9:00-10:50
F 12:10-4:00

SEMINAR EEOB 698 1 CR.
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH EEOB 699 VAR. CR.
SATISFACTORY-FAIL ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

ECONOMICS

PRIN MICROECONOMICS ECON 101 3- 4 CR.
COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
3100005 1 MWF 9:00-9:50

SECTION INFO: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100010 2 MWF 10:00-10:50

SECTION INFO: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100015 3 MWF 11:00-11:50

SECTION INFO: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100020 4 MWF 1:10-2:00

SECTION INFO: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100025 5 MWF 2:10-3:00

SECTION INFO: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100030 6 MWF 3:10-4:00

SECTION INFO: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100040 7 TR 9:30-10:45

SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100045 8 MW 6:00-7:30PM

SECTION INFO: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3100050 9 MWF 11:00-11:50

SEC 9 RESTRICTED TO AG B, P S A
MAJORS. STUDENTS

ECONOMICS

PRIN MICROECONOMICS ECON 101 3- 4 CR.
ENROLLING IN SEC 9 MUST TAKE
SECTION 1 OR 2 OF 101L.

SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
3100055 10 ARRANGED
DELIVERY IS WWW
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)

HONORS PRIN MICROEC ECON 101H 3 CR.
PREREQ: MEMBERSHIP IN THE UNIV HONORS PROGRAM
2095005 1 MWF 11:00-11:50

PRIN MICROECON LAB ECON 101L 1 CR.
PREREQ: CONCURRENT ENROLLMENT IN THE APPROPRIATE
SECTION OF 101

5265005 1 M 1:10-3:00
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
5265010 2 W 2:10-4:00
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
5265015 3 M 3:10-5:00

PRIN MACROECONOMICS ECON 102 3 CR.
PREREQ: 101 RECOMMENDED

3099005 1 MWF 10:00-10:50
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
3099010 2 MWF 11:00-11:50
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
3099015 3 MWF 2:10-3:00
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
3099020 4 ARRANGED
DELIVERY IS WWW
3099025 5 MW 9:00-9:50
W 11:00-11:50
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
3099030 6 MW 9:00-9:50
W 4:10-5:00
3099035 7 MW 9:00-9:50
R 11:00-11:50
3099040 8 MW 9:00-9:50
F 11:00-11:50
3099045 9 MW 9:00-9:50
W 2:10-3:00
3099050 10 MW 9:00-9:50
R 2:10-3:00
3099055 11 MW 9:00-9:50
F 2:10-3:00
3099060 12 MW 9:00-9:50
W 3:10-4:00
3099065 13 MW 9:00-9:50
R 3:10-4:00
3099070 14 MW 9:00-9:50
F 3:10-4:00

ECONOMICS

ORIENTATION AG BUSI ECON 110 .5 CR.
SATISFACTORY-FAIL ONLY.

3172005 1 TR 2:10-3:00
SECT 1:AUG 25-NOV 19
SECTION 1 RESTRICTED TO NEW FRESHMEN
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
3172010 2 TR 2:10-3:00
SECT 2:AUG 25-NOV 19
SECTION 2 FOR INCOMING TRANSFER

STUDENTS

APPL ECON OPTIMIZTN ECON 207 3 CR.
PREREQ: MATH 151, 160, 165 OR EQUIVALENT
2753005 1 MW 10:00-10:50
R 8:00-9:50

FARM BUSINESS MGT ECON 230 3 CR.
PREREQ: 101, ACCT 284

3177005 1 MWF 1:10-2:00
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
3177010 2 MWF 9:00-9:50
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
3177015 3 MWF 2:10-3:00

INTRO AGRI MARKETS ECON 235 3 CR.
PREREQ: 101

3174005 1 TR 2:10-3:25
3174010 2 TR 12:40-2:00
SECTION INFO: [http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)

CAREER SEMINAR ECON 292 1 CR.
SATISFACTORY-FAIL ONLY.

PREREQ: CLASSIFICATION IN ECON OR AG BUSINESS
4875005 1 W 12:10-1:00
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)

COOPERATIVE EDUC ECON 298 R CR.

PREREQ: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4834005 ARRANGED
SECTION INFO: [http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)

INTERMED MICROECON ECON 301 3- 4 CR.
PREREQ: 101; MATH 160 OR 165

COURSE ONLY OFFERED FOR 4 CREDITS FALL 2009
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3101005 1 MWF 9:00-9:50
W 2:10-4:00
SECTION INFO:
[http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
3101010 2 MWF 9:00-9:50
R 2:10-4:00
SECTION INFO: [http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)
3101015 3 TR 9:30-10:45
T 2:10-4:00
SECTION INFO: [http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)

ECONOMICS

INTERMED MICROECON ECON 301 3- 4 CR.
3101020 4 TR 9:30-10:45
W 2:10-4:00

SECTION INFO: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INTERMED MACROECON ECON 302 3 CR.
PREREQ: 101, 102; MATH 160 OR 165
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3102005 1 MWF 1:10-2:00

LABOR ECONOMICS ECON 320 3 CR.
PREREQ: 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3110005 1 MWF 9:00-9:50

BIORENEWABLE SYSTMS ECON 325 3 CR.
PREREQ: ECON 101, CHEM 155 OR HIGHER, MATH 140
OR HIGHER

3088005 A TR 2:10-3:30
3088010 B TR 2:10-3:30

SECTION B RESTRICTED TO AST MAJORS ONLY

3088605 XH ARRANGED BRUMM T
SECT XH:AUG 24-DEC 18

FOR PERMISSION TO REGISTER CONTACT

LORI YOUNGBERG AT 515-294-7656 OR LYOUNG@IASTATE.EDU
SECTION XH IS OFF CAMPUS.

DELIVERY IS WWW

SECTION INFO:

<http://www.aged.iastate.edu/computer.htm>

3088600 XW ARRANGED BRUMM T
SECT XW:AUG 24-DEC 18

DELIVERY FEE OF \$149.00 IN ADDITION

TO TUITION.

FOR PERMISSION TO REGISTER CONTACT

LORI YOUNGBERG AT 515-294-7656 OR LYOUNG@IASTATE.EDU
SECTION XW IS OFF CAMPUS.

DELIVERY IS WWW

SECTION INFO:

[HTTP://WWW.AGDE.IASTATE.EDU/COMPUTER.HTM](http://www.aged.iastate.edu/computer.htm)

ADV FARM BUSIN MGMT ECON 333 3- 4 CR.
PREREQ: 230

COURSE ONLY OFFERED FOR 4 CREDITS FALL 2009

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3182005 1 TR 12:40-2:00
T 2:10-3:30

SECTION INFO: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

3182010 2 TR 12:40-2:00
R 3:40-5:00

SECTION INFO: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ENTREPRENEURSHIP AG ECON 334 3 CR.
PREREQ: 101

6836005 1 TR 11:00-12:15

AGRICULTURL SELLING ECON 336 3 CR.
PREREQ: 101

9530005 1 MW 3:10-4:00
T 11:00-12:15

SECTION 1 RESTRICTED TO AG B, P S A

MAJORS ONLY

SECTION INFO:

<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

9530010 2 MW 3:10-4:00
T 11:00-12:15

INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SECTION INFO:

<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECONOMICS

AGRICULTURL SELLING ECON 336 3 CR.
</course/defaultcourseinfo.asp>

TOPICS DAIRY MARKTG ECON 338A 2 CR.
PREREQ: 101
3179005 1 MWF 9:00-9:50

PUBLIC FINANCE ECON 344 3 CR.
PREREQ: 101
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3111005 1 TR 11:00-12:15

MONEY,BANK,FIN INST ECON 353 3 CR.
PREREQ: 101, 102
3103005 1 TR 11:00-12:15

INT'L TRADE&FINANCE ECON 355 3 CR.
PREREQ: 101, 102
CREDIT FOR EITHER ECON 355 OR ECON 455, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT

FOR EITHER ECON 355 OR ECON 457, BUT NOT BOTH, MAY BE
APPLIED TOWARD GRADUATION. ECON MAJORS MAY APPLY
355 AS A FREE ELECTIVE ONLY.

MEETS INTERNATIONAL PERSPECTIVES REQMT.

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

8925005 1 MWF 10:00-10:50

APPLIED ETHICS AG ECON 362 3 CR.

PREREQ: ECON 101 OR SOC 134 OR SOC 130, JUNIOR OR
SENIOR STATUS IN THE COLLEGE OF AGRICULTURE.
7556005 1 W 4:10-7:00PM

SECTION INFO:

<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

COMPARTV CAPITALISM ECON 370 3 CR.
PREREQ: 101, 102
MEETS INTERNATIONAL PERSPECTIVES REQMT.
3104005 1 MWF 11:00-11:50

INTRO ECONOMETRICS ECON 371 4 CR.
PREREQ: 301, 302 OR 353, STAT 326
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2790005 1 MTWF 1:10-2:00

ECONOMICS OF AGING ECON 378 3 CR.
PREREQ: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS
5750005 TR 2:10-3:25 MACDONALD M

ENVIR &RESOURC ECON ECON 380 3 CR.
PREREQ: 101
3180005 1 TR 9:30-10:50

SECTION INFO:

<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

COOPERATIVE EDUC ECON 398 R CR.

PREREQ: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION

PERMISSION OF ADVISER REQUIRED; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

4835005 ARRANGED

SECTION INFO:

<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECONOMICS

ECONOMICS

MANAGERIAL ECONOMICS ECON 431 3 CR.
 PREREQ: 301
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3173005 1 MWF 11:00-11:50

INTERNATIONAL TRADE ECON 455 3 CR.
 PREREQ: 301
 CREDIT FOR EITHER ECON 455 OR ECON 355, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9531005 1 TR 9:30-10:45

INTERMD ENVIR&RESOU ECON 480 3 CR.
 PREREQ: 301
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3187005 1 TR 2:10-3:25
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

INDEPENDENT STUDY ECON 490 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
 COLLEGE OF AG STUDENTS MAY APPLY NO MORE THAN 6
 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS
 REQUIRED
 FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO
 MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 490H 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.
 AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF
 ECON 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY
 COUNT
 NO MORE THAN 9 CREDITS OF ECON 490 TOWARD
 GRADUATION.
 COLLEGE OF AG STUDENTS MAY APPLY NO MORE THAN 6
 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS
 REQUIRED
 FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO
 MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVEY ECON 492 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATING SENIOR
 6208005 1 R 4:10-5:00
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

COOPERATIVE EDUC ECON 498 R CR.
 PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 PERMISSION OF ADVISER REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4836005 ARRANGED
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

QUANT MTH EC ANLY I ECON 500 4 CR.
 PREREQ: 301, 1 YEAR OF CALC, STAT 401, AND
 PERMISSION OF DIRECTOR OF GRADUATE EDUCATION
 3127005 1 MW 1:10-3:00
 F 1:10-2:00
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

MICROECONOMICS ECON 501 4 CR.
 PREREQ: 301, CREDIT OR ENROLLMENT IN 500 OR
 EQUIVALENT BACKGROUND IN CALCULUS AND STATISTICS
 7913005 1 TR 1:10-3:00
 F 2:10-3:00
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

MACROECONOMICS ECON 502 4 CR.
 PREREQ: 302, CREDIT OR ENROLLMENT IN 500 OR
 EQUIVALENT BACKGROUND IN CALCULUS AND STATISTICS
 7912005 1 TR 11:00-1:00
 F 12:10-1:00
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

LABOR SUP&HUMAN CAP ECON 520 3 CR.
 PREREQ: 501 OR 601
 3191005 1 MWF 1:10-2:00

INTERMD ENVIR&RESOU ECON 580 3 CR.
 PREREQ: 301
 7643005 1 TR 2:10-3:25
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

SPECIAL TOPICS ECON 590 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

QUANT MTHD ANALY II ECON 600 4 CR.
 PREREQ: 500 AND LINEAR ALGEBRA
 7911005 1 MW 11:00-1:00
 F 11:00-11:50
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

MICROECON ANALYS I ECON 601 4 CR.
 PREREQ: 301, CREDIT OR CONCURRENT ENROLLMENT IN
 600 & PERMISSION OF DIRECTOR OF GRADUATE
 EDUCATION
 PERMISSION OF DIRECTOR OF ECON GRAD STUDIES
 REQUIRED.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3124005 1 TR 9:00-10:50
 F 3:10-5:00
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourcesinfo.asp>

ADV MACROECON ANALY ECON 604 4 CR.
 PREREQ: 601, 602, PERMIS OF DIRECTOR OF GRAD EDUC
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3156005 1 MW 1:10-3:00
 F 1:10-2:00

ECONOMICS

ADV TOPIC MACROECON ECON 606 3 CR.
 PREREQ: 603, CREDIT OR ENROLLMENT IN 604
 3160005 1 MW 5:30-6:45PM

THEORET INDUS ORGNZ ECON 615 3 CR.
 PREREQ: 603
 2937005 TR 11:00-12:15

AGRICULTURAL ECON I ECON 641 3 CR.
 PREREQ: 603
 3203005 1 TR 9:30-10:45

FINANCIAL ECONOMICS ECON 653 3 CR.
 PREREQ: 603, 672. RECOMMENDED: 674, STAT 551
 3138005 1 TR 12:40-1:55

ECONOMETRICS I ECON 671 4 CR.
 PREREQ: 501 AND STAT 447 OR 542
 3145005 1 MW 9:00-10:50
 F 9:00-10:50
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ADV RESOURCE ECON ECON 680 3 CR.
 PREREQ: 603
 3204005 1 TR 2:10-3:25

ADVANCED TOPICS ECON 690 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP ECON 693 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 6 GRADUATE CREDITS IN CHOSEN FIELD
 8649005 1 ARRANGED
 SECTION INFO:
<http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

RESEARCH ECON 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

SUPV LEARNNG ENVIRON EDADM 551 3 CR.
 PREREQ: 541
 3215600 XA W 5:40-9:30PM

S 8:00-5:00, ARRANGED
 SECT XA:OCT 21-DEC 2
 SATURDAY MTGS SCHEDULED FOR OCT 24
 AND NOV 21. NO MEETING WEDNESDAY, NOV 25. THE ARRANGED
 TIME REPRESENTS WORK IN WEBCT. SECTION XA FOR DISTANCE
 STUDENTS ONLY.

SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY ATLANTIC

SITE-LEVEL LEADRSHP EDADM 552 3 CR.
 PREREQ: 541
 3281600 XA W 5:10-9:00PM RATIGAN G
 S 8:00-5:00, ARRANGED RATIGAN G
 SECT XA:OCT 21-DEC 9
 THE ARRANGED TIME REPRESENTS WORK IN

WEBCT.
 NO MEETING NOV 25. SECTION XA FOR
 DISTANCE GRADUATE STUDENTS ONLY.
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION

EDUCATIONAL ADMINISTRATION

TAUGHT IN, AT OR BY STORM LAKE

CURRICULM LEADERSHP EDADM 559 3 CR.
 PREREQ: 541
 3416600 XA W 5:00-9:00PM

S 8:00-4:30, ARRANGED
 SECT XA:SEPT 2-OCT 14
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY STORM LAKE

SPECIAL TOPICS EDADM 590 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP ELEM PRINCI EDADM 591A 1- 6 CR.
 PREREQ: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL
 9422600 XA ARRANGED
 SECT XA:AUG 24-DEC 18
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS INDEPENDENT STUDY

FLD EXP SECOND PRIN EDADM 591B 1- 6 CR.
 PREREQ: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL
 9423600 XA ARRANGED
 SECT XA:AUG 24-DEC 18
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS INDEPENDENT STUDY

CREATV COMPON DEVEL EDADM 599 1- 3 CR.
 PREREQ: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR IN RESEARCH EDADM 615B 1- 3 CR.
 3209005 W 5:30-8:30PM
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

ADV SPECIAL TOPICS EDADM 690 1- 3 CR.
 PREREQ: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP EDADM 691 1- 3 CR.
 PREREQ: 541, ADMISSION TO PROGRAM, INSTR APPROVAL
 6849600 XA ARRANGED WESTERMAN-
 BEATTY

SECT XA:AUG 24-DEC 18
 OFFERED FOR 3 CREDITS
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS INDEPENDENT STUDY

DISSERTATN RESEARCH EDADM 699 VAR. CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL LEADERSHIP & POLICY ST

SEM CRIT&CRTV THINK EL PS 615F 1 CR.
 PREREQ: ADMISSION TO ED LEADERSHIP DOCTORAL PROG
 7716005 M 3:10-5:00
 MEETS ALT. WEEKS
 WORKSHOP FEE APPLIES

EDUCATIONAL LEADERSHIP & POLICY ST

CAPSTONE EXPERIENCE EL PS 616 3 CR.
 PREREQ: 4 CREDITS OF 615
 ***** SEE DEPT FOR REFERENCE NUMBERS

ELECTRICAL ENGINEERING

INTR EE&PROB SOLV I E E 185 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 142
 COURSE RESTRICTED TO E E MAJORS ONLY
 3880005 A MW 9:00-9:50
 R 2:10-4:00
 3880010 B MW 9:00-9:50
 R 10:00-11:50
 3880015 C MW 9:00-9:50
 R 12:10-2:00
 3880020 D MW 9:00-9:50
 R 6:10-8:00PM
 3880025 E MW 9:00-9:50
 R 4:10-6:00PM

ELECTRIC CIRCUITS E E 201 4 CR.
 PREREQ: CR OR REGISTRATN IN MATH 267 AND PHYS 222
 CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION.
 RESTRICTED
 TO CPR E, E E MAJORS ONLY.
 MATERIALS FEE \$60.00
 2120005 A MWF 10:00-10:50
 T 2:10-4:00
 2120010 B MWF 10:00-10:50
 T 4:10-6:00PM
 2120015 C MWF 10:00-10:50
 W 2:10-4:00
 2120020 D MWF 10:00-10:50
 W 4:10-6:00PM
 2120025 E MWF 10:00-10:50
 R 2:10-4:00

SIGNALS & SYSTEMS I E E 224 4 CR.
 PREREQ: 201, MATH 267, PHYS 222
 5064005 A TR 4:10-5:30
 W 4:10-7:00PM
 5064010 B TR 4:10-5:30
 R 8:00-10:50
 5064015 C TR 4:10-5:30
 F 11:00-1:50

ELECTRON CIRCTS&SYS E E 230 4 CR.
 PREREQ: 201, MATH 267, PHYS 222
 MATERIALS FEE \$50.00
 4639005 A MWF 8:00-8:50
 T 11:00-1:50
 4639010 B MWF 8:00-8:50
 T 9:00-11:50
 4639015 C MWF 8:00-8:50
 R 11:00-1:50
 4639020 D MWF 8:00-8:50
 R 4:10-7:00PM

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

ELECTRICAL ENGINEERING

ENRGY SYS&PWR ELTRN E E 303 3 CR.
 PREREQ: MATH 267, PHYS 222; CREDIT OR REGISTRATN
 IN E E 224 AND 230
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3415005 A TR 8:00-9:15

ELECTROMG FLD&WAVES E E 311 4 CR.
 PREREQ: 201, MATH 265, PHYS 222, CREDIT OR
 REGISTRATION IN MATH 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2889005 A MWRF 10:00-10:50

PROBAB MTH,ELEC ENG E E 322 3 CR.
 PREREQ: 224
 3424005 TR 11:00-12:15

SIGNALS &SYSTEMS II E E 324 4 CR.
 PREREQ: 224
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2192005 A MWF 2:10-3:00
 T 4:10-7:00PM
 2192010 B MWF 2:10-3:00
 W 8:00-10:50
 2192015 C MWF 2:10-3:00
 W 11:00-1:50

INTGRATED ELECTRNCS E E 330 4 CR.
 PREREQ: 201, CREDIT OR REGISTRATION IN 230, CPR E
 281
 CREDIT FOR EITHER CPR E/E E 330 OR E E 331,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

5635005 A MWF 12:10-1:00
 T 8:00-10:50
 5635010 B MWF 12:10-1:00
 T 11:00-1:50
 5635015 C MWF 12:10-1:00
 W 5:10-8:00PM
 5635020 D MWF 12:10-1:00
 F 8:00-10:50

SEMICND MTRLS&DEVIC E E 332 3 CR.
 PREREQ: PHYS 222. ADDITIONAL PREREQ FOR MAT E
 MAJORS: MAT E 334.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2195005 A TR 12:40-2:00

SUSTNBL E&INT'L DEV E E 388 3 CR.
 PREREQ: JUNIOR CLASSIFICATION IN ENGINEERING
 MEETS INTERNATIONAL PERSPECTIVES REQMT.

8121005 A1 MW 3:10-4:00
 T 4:10-6:00PM
 SECTION A1 RESTRICTED TO A E, ABE A,
 A B E MAJORS
 8121010 A2 MW 3:10-4:00
 T 4:10-6:00PM
 SECTION A2 RESTRICTED TO C E, C C E,
 CCE E, CON E
 MAJORS ONLY
 8121015 A3 MW 3:10-4:00
 T 4:10-6:00PM
 SECTION A3 RESTRICTED TO CPR E, E E,
 E CPE MAJORS
 8121020 A4 MW 3:10-4:00
 T 4:10-6:00PM
 SECTION A4 RESTRICTED TO M E MAJORS

ONLY

ELECTRICAL ENGINEERING

ENGR INTERNSHIP E E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC E E 398 R CR.
 PREREQ: 298, PERMISSION OF DEPARTMENT AND ENGINEER CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTDISCIP PROB SOLV E E 408 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5846005 A MW 9:00-11:50
 SECT A:1ST 9 WKS

ELECTRODYNAMICS E E 413X 3 CR.
 PREREQ: 311
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9011005 A MW 3:30-5:00

MICROWAVE ENGINEERG E E 414 4 CR.
 PREREQ: 230, 311
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2897005 A MWF 8:00-8:50
 T 8:00-10:50
 2897010 B MWF 8:00-8:50
 T 4:10-7:00PM
 2897015 C MWF 8:00-8:50
 F 11:00-1:50

HI SPEED SYS MEASUR E E 418 4 CR.
 PREREQ: 230 AND 311
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5759005 A TR 11:00-12:30
 W 10:00-11:50
 5759010 B TR 11:00-12:30
 W 12:10-2:00
 5759015 C TR 11:00-12:30
 R 4:10-6:00PM

COMMUNIC SYSTEMS I E E 421 3 CR.
 PREREQ: 224, CREDIT OR REGISTRATION IN 322
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2901005 A MWF 2:10-3:00

INT DIGT SIGNL PROC E E 424 4 CR.
 PREREQ: 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7977005 A TR 9:30-10:50
 T 11:00-1:50
 7977010 B TR 9:30-10:50
 F 8:00-10:50

NANOELECTRONICS E E 439 3 CR.
 PREREQ: 332 OR MAT E 331
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7414005 A MWF 11:00-11:50

INTR CIRCUIT&INSTRM E E 442 2 CR.
 PREREQ: PHYS 222, MATH 267
 CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR
 E E 442 MAY NOT BE APPLIED TOWARD A DEGREE IN E E OR CPR E. RESTRICTED TO MAJORS OTHER THAN E E, CPR E, E CPE.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

ELECTRICAL ENGINEERING

4723005 A MW 3:40-5:00
 R 8:00-9:50
 SECT A:1ST HALF
 4723010 B MW 3:40-5:00
 W 6:10-8:00PM
 SECT B:1ST HALF
 4723015 C MW 3:40-5:00
 F 2:10-4:00
 SECT C:1ST HALF
 4723020 D MW 3:40-5:00
 F 8:00-9:50
 SECT D:1ST HALF
 4723025 E MW 3:40-5:00
 F 4:10-6:00PM
 SECT E:1ST HALF
 4723030 F MW 3:40-5:00
 F 12:10-2:00
 SECT F:1ST HALF
 4723040 G MW 3:40-5:00
 F 10:00-11:50
 SECT G:1ST HALF
 4723045 J MW 3:40-5:00
 T 8:00-9:50
 SECT J:1ST HALF

INTRO AC CIRC&MOTOR E E 448 2 CR.
 PREREQ: 303 OR 441 OR 442
 CREDIT FOR E E 448 MAY NOT BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E. COURSE RESTRICTED TO

MAJORS OTHER THAN E E, CPR E, E CPE.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

4775005 A MW 3:40-5:00
 F 2:10-4:00
 SECT A:2ND HALF
 4775010 B MW 3:40-5:00
 T 8:00-9:50
 SECT B:2ND HALF
 4775015 C MW 3:40-5:00
 F 4:10-6:00PM
 SECT C:2ND HALF
 4775020 D MW 3:40-5:00
 W 6:10-8:00PM
 SECT D:2ND HALF
 4775025 E MW 3:40-5:00
 F 10:00-11:50
 SECT E:2ND HALF
 4775030 F MW 3:40-5:00
 F 12:10-2:00
 SECT F:2ND HALF
 4775035 G MW 3:40-5:00
 R 8:00-9:50
 SECT G:2ND HALF
 4775040 J MW 3:40-5:00
 F 8:00-9:50
 SECT J:2ND HALF

INTRO ENRG DIST SYS E E 455 3 CR.
 PREREQ: 303, CREDIT OR REGISTRATION IN 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

6595005 A MWF 12:10-1:00

ELECTRICAL ENGINEERING

POWER SYST ANALYS I E E 456 3 CR.
 PREREQ: 303, CREDIT OR REGISTRATION IN 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2912010 A MWF 9:00-9:50

DIGITAL VLSI DESIGN E E 465 4 CR.
 PREREQ: 330
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8892005 A MWF 2:10-3:00
 T 5:10-8:00PM
 8892010 B MWF 2:10-3:00
 R 8:00-10:50

MULTIDISC ENGR DSGN E E 466 3 CR.
 PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 1900005 1 T 11:00-11:50
 ARRANGED
 1900010 2 T 11:00-11:50
 ARRANGED
 1900015 3 T 11:00-11:50
 ARRANGED
 1900020 4 T 11:00-11:50
 ARRANGED

AUTOMATC CONTRL SYS E E 475 3 CR.
 PREREQ: 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2914005 A MWF 11:00-11:50

EDDY CURRENT NDE E E 488 3 CR.
 PREREQ: MATH 265; MAT E 216 OR 272 OR E E 311
 OR PHYS 364
 5898005 MWF 10:00-10:50
 5898600 XE MWF 10:00-10:50 BOWLER N
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDITION
 TO TUITION.
 RESTRICTED TO DISTANCE STUDENTS.
 ALL OTHERS
 CONTACT EDE AT 515-294-7470 FOR
 PERMISSION TO
 REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

INDEPENDENT STUDY E E 490 VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E E 490H VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO E E 491 3 CR.
 PREREQ: 308 OR E E 322, COMPLETION OF 24 CREDITS
 IN THE E E CORE PROFESSIONAL PROGRAM OR 29
 CREDITS
 IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
 COURSE RESTRICTED TO CPR E, E E JUNIORS & SENIORS
 MATERIALS FEE \$35.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ELECTRICAL ENGINEERING

7230005 1 T 2:10-4:00, ARRANGED

SR DESIGN PROJCT II E E 492 2 CR.
 PREREQ: 491
 COURSE RESTRICTED TO CPR E, E E JUNIORS & SENIORS
 MATERIALS FEE \$35.00
 9515002 R 2:10-3:00, ARRANGED

PORTFOLIO ASSESSMNT E E 494 R CR.
 PREREQ: CREDIT OR ENROLLMENT IN 491
 COURSE RESTRICTED TO CPR E, E E SENIORS ONLY
 7347005 A R 4:10-5:00
 7347010 B R 3:10-4:00
 7347015 C W 3:10-4:00
 7347020 D W 2:10-3:00

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

AN&MIXSIG VLSI TCNQ E E 501 4 CR.
 PREREQ: 435
 5328005 A MWF 11:00-11:50
 W 8:00-10:50
 5328010 B MWF 11:00-11:50
 R 3:10-6:00PM

FILTER DESIGN &APPL E E 508 4 CR.
 PREREQ: 501
 1136005 MWF 10:00-10:50
 ARRANGED

ADV ELECMG FD THY I E E 512 3 CR.
 PREREQ: 413
 2933005 A TR 2:10-3:30

MICROWAVE ENGINEERG E E 514 4 CR.
 PREREQ: 230, 311
 4791005 A MWF 8:00-8:50
 T 8:00-10:50
 4791010 B MWF 8:00-8:50
 T 4:10-7:00PM
 4791015 C MWF 8:00-8:50
 F 11:00-1:50

TOPICS IN COMMUNICS E E 520 3 CR.
 7695005 TR 2:10-3:30

ADV COMMUNICATIONS E E 521 3 CR.
 PREREQ: 422
 9207010 A M 4:10-5:30
 W 5:10-6:20PM

DIG SIGNAL PROCESS E E 524 3 CR.
 PREREQ: 322, 424, MATH 317
 2939005 A MWF 10:00-10:50

TOPICS EL,MICR,PHOT E E 530 3 CR.
 PREREQ: 332
 9526005 ARRANGED

ELECTRICAL ENGINEERING

TOPCS INTR MEMS&BIO E E 530M 3 CR.
8749010 MF 4:10-5:30

SEMICONDUCTR PHYSICS E E 535 4 CR.
PREREQ: 311 AND 332
MATERIALS FEE \$50.00
2941005 A MT 6:10-7:30PM
ARRANGED

SYST ENGR &ANALYSIS E E 565 3 CR.
PREREQ: COURSE WORK IN BASIC STATISTICS
I E MAJORS MAY NOT APPLY CREDIT IN I E/E E/AER E
565 TOWARD DEGREE REQUIREMENTS
8931005 A TR 8:00-9:15
8931600 XE TR 8:00-9:15 GEMMILL D
SECT XE:AUG 24-DEC 18
DELIVERY FEE IS \$570.00 IN ADDITION

TO TUITION. RESTRICTED TO DISTANCE STUDENTS.

ALL OTHERS CONTACT EDE AT 515-294-7470 FOR

PERMISSION TO REGISTER.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

SYS ENGR ANALY &DSN E E 570 3 CR.
PREREQ: 475, 577
2951005 TR 3:40-5:00

LINEAR SYSTEMS E E 577 3 CR.
PREREQ: 324 OR AER E 331 OR M E 414 OR MATH 415;
AND MATH 307
2954005 A TR 2:10-3:30

EDDY CURRENT NDE E E 588 3 CR.
PREREQ: MATH 265; MAT E 216 OR 272 OR E E 311
OR PHYS 364
5900005 MWF 10:00-10:50
5900600 XE MWF 10:00-10:50 BOWLER N
SECT XE:AUG 24-DEC 18
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

SPL TOP ELECMAG THY E E 590A 1- 6 CR.
***** SEE DEPT FOR REFERENCE NUMBERS

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

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

SPL TOP COMPTR ENGR E E 590E 1- 6 CR.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1- 6 CR.
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS E E 590G 1- 6 CR.
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR E E 590H 1- 6 CR.
***** SEE DEPT FOR REFERENCE NUMBERS

ELECTRICAL ENGINEERING

SPL TOP SIGNL PROCS E E 590I 1- 6 CR.
***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ELECTRONICS E E 591 1- 3 CR.
1920005 VD ARRANGED
INSTRUCTOR PERMISSION REQUIRED;
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SEMN ELECTRIC POWER E E 594 1- 3 CR.
COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
2964005 A ARRANGED

SEMN CONTROL SYSTMS E E 596 1- 3 CR.
COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
2973005 M 4:10-5:00

SEM COMM&SIGNL PROC E E 597 1 CR.
SATISFACTORY-FAIL ONLY.
7542005 ARRANGED

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

ADV TOP ELE PWR SYS E E 653 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR
2981005 A MWF 2:10-3:00

ENGINEERG INTERNSHP E E 697 R CR.
SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPT CHAIR AND ENGINEERING
CAREER SERVICES, GRADUATE CLASSIFICATION
5716005 ARRANGED
PERMISSN OF MANAGER OF E E STUDENT SERVICES REQ'D
DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD
SLIP IN 10 ALUMNI HALL

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

ENGINEERING

ENGINEERING ORIENTN ENGR 101 R CR.
SATISFACTORY-FAIL ONLY.
3788005 1 W 2:10-3:00
SECTION 1 RESTRICTED TO AER E MAJORS ONLY
3788010 2 R 2:10-3:00
SECTION 2 RESTRICTED TO AER E MAJORS ONLY
3788015 3 M 2:10-3:00
SECTION 3 RESTRICTED TO AER E MAJORS ONLY
3788020 4 W 1:10-2:00
SECTION 4 RESTRICTED TO AER E MAJORS ONLY
3788025 5 F 10:00-10:50
SECTION 5 RESTRICTED TO A E, BSE MAJORS ONLY
3788030 6 F 11:00-11:50
SECTION 6 RESTRICTED TO A E, BSE MAJORS ONLY
3788035 7 W 2:10-3:00
SECTION 7 RESTRICTED TO CH E MAJORS ONLY
3788040 8 T 11:00-11:50
SECTION 8 RESTRICTED TO C E MAJORS ONLY
3788045 9 R 4:10-5:00
SECTION 9 RESTRICTED TO CON E MAJORS ONLY
3788050 10 T 9:00-9:50
SECTION 10 RESTRICTED TO CPR E, E E MAJORS ONLY
3788055 11 T 10:00-10:50
SECTION 11 RESTRICTED TO CPR E, E E MAJORS ONLY
3788060 12 W 10:00-10:50
SECTION 12 RESTRICTED TO CPR E, E E MAJORS ONLY

ENGINEERING

ENGINEERING

ENGINEERING ORIENTN ENGR 101 R CR.

3788065 13 R 9:00-9:50
SECTION 13 RESTRICTED TO CPR E, E E MAJORS ONLY
3788070 14 R 10:00-10:50
SECTION 14 RESTRICTED TO CPR E, E E MAJORS ONLY
3788075 15 T 3:10-4:00
SECTION 15 RESTRICTED TO I E MAJORS ONLY
3788080 16 T 2:10-3:00
SECTION 16 RESTRICTED TO MAT E MAJORS ONLY
3788090 18 T 8:00-8:50
SECTION 18 RESTRICTED TO M E MAJORS ONLY
3788095 19 T 11:00-11:50
SECTION 19 RESTRICTED TO ENGR, OPEN, GENUS MAJORS
3788100 20 R 10:00-10:50
SECTION 20 RESTRICTED TO ENGR, OPEN, GENUS MAJORS
3788105 21 R 2:10-3:00
SECTION 21 RESTRICTED TO ENGR, OPEN, GENUS MAJORS
3788110 22 T 3:10-4:00
SECTION 22 FOR CLUE LEARNING COMMUNITY STUDENTS
3788115 23 R 11:00-11:50
SECTION 23 RESTRICTED TO M E MAJORS ONLY
3788120 24 T 11:00-11:50
SECTION 24 RESTRICTED TO M E MAJORS ONLY
3788125 25 R 10:00-10:50
SECTION 25 RESTRICTED TO ENGR, OPEN, GENUS MAJORS

LEAD PROGRM ORIENTN ENGR 104 1 CR.

SATISFACTORY-FAIL ONLY.
6594005 1 F 12:10-1:00

LEARNING COMM SEMNR ENGR 131 R CR.

SATISFACTORY-FAIL ONLY.
7845005 1 W 1:10-2:00
7845010 2 W 11:00-11:50
7845015 3 R 11:00-11:50
7845020 4 W 10:00-10:50
7845025 5 T 11:00-11:50
7845030 6 W 11:00-11:50
7845035 7 T 10:00-10:50
7845040 8 T 1:10-2:00
7845045 9 R 10:00-10:50
7845050 10 R 11:00-11:50
7845055 11 R 3:10-4:00
7845060 12 W 11:00-11:50

FOUND LEADR DV&LRNG ENGR 150 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: FOR ELP STUDENTS ONLY
8147005 T 3:10-4:00
INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ENGR PROB W/CPR LAB ENGR 160 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 142, 165
COURSE RESTRICTED TO A E, BSE, C E, CH E, CON E, CPR E, E E, ENGR, ENGRS, I E, M E, MAT E, S E MAJORS
2946005 A1 MW 8:00-9:50
2946010 B1 MW 10:00-11:50
2946011 B2 MW 10:00-11:50
2946015 C1 MW 12:10-2:00
2946020 D1 MW 2:10-4:00
2946025 E1 TR 8:00-9:50
2946026 E2 TR 8:00-9:50
2946030 F1 TR 10:00-11:50

ENGR PROB W/CPR LAB ENGR 160 3 CR.

2946040 G1 TR 12:10-2:00
2946046 J1 TR 2:10-4:00
2946050 J2 TR 2:10-4:00

HONR ENGR W/CPR LAB ENGR 160H 3 CR.

PREREQ: SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 142, 165; MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
RESTRICTED TO ENGR STUDENTS IN THE HONORS PROGRAM
3797005 1 TR 10:00-11:50
3797010 2 TR 12:10-2:00

ENGR GRAPHICS&DESGN ENGR 170 3 CR.

PREREQ: SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 142
3798005 A MW 8:00-9:50
SEC A RESTRICTED TO A E, AER E, BSE, CH E, CPR E, E E, ENGR, ENGRS, I E, M E, MAT E, S E MAJORS ONLY
3798010 B MW 10:00-11:50
SEC B RESTRICTED TO A E, BSE MAJORS ONLY
3798015 C MW 12:10-2:00
SEC C RESTRICTED TO A E, AER E, BSE, CH E, CPR E, E E, ENGR, ENGRS, I E, M E, MAT E, S E MAJORS ONLY
3798020 D MW 2:10-4:00
SEC D RESTRICTED TO A E, AER E, BSE, CH E, CPR E, E E, ENGR, ENGRS, I E, M E, MAT E, S E MAJORS ONLY
3798025 E TR 8:00-9:50
SEC E RESTRICTED TO A E, AER E, BSE, CH E, CPR E, E E, ENGR, ENGRS, I E, M E, MAT E, S E MAJORS ONLY
3798030 F TR 10:00-11:50
SEC F RESTRICTED TO A E, AER E, BSE, CH E, CPR E, E E, ENGR, ENGRS, I E, M E, MAT E, S E MAJORS ONLY
3798035 G TR 12:10-2:00
SEC G RESTRICTED TO A E, AER E, BSE, CH E, CPR E, E E, ENGR, ENGRS, I E, M E, MAT E, S E MAJORS ONLY

INT'L EXPRNC REPORT ENGR 320 3 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: SATISFACTORY COMPLETION OF INTERNATIONAL WORK EXPERIENCE OF AT LEAST 10 WEEKS OR 9 CREDITS OF APPROVED COURSE WORK TAKEN ABROAD
MEETS INTERNATIONAL PERSPECTIVES REQMT.
7283005 ARRANGED
COLLEGE PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PROFSSNL INTERNSHIP ENGR 397 R CR.

SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF ADVISER AND ENGINEERING COLLEGE CLASSIFICATION OFFICER
***** SEE DEPT FOR REFERENCE NUMBERS

MULTIDISC ENGR DSGN ENGR 466 3 CR.

PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
8893010 2 T 11:00-11:50
ARRANGED
8893015 3 T 11:00-11:50
ARRANGED
8893020 4 T 11:00-11:50
ARRANGED

ENGINEERING

IND STUDY ENTREPRNSH ENGR 490E 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION IN
 ENGINEERING, COLLEGE APPROVAL
 COLLEGE PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2529005 ARRANGED

ENGINEERING MECHANICS

STATICS OF ENGINEER E M 274 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 166;
 CREDIT OR ENROLLMENT IN PHYS 111 OR 221
 3004005 1 MWF 10:00-10:50
 SEC 1 RESTRICTED TO ENGR COLLEGE SOPHOMORES,
 JUNIORS AND SENIORS
 3004010 2 MWF 12:10-1:00
 SEC 2 RESTRICTED TO ENGR COLLEGE SOPHOMORES,
 JUNIORS AND SENIORS
 3004015 3 MWF 3:10-4:00
 SEC 3 RESTRICTED TO COLLEGE OF ENGR STUDENTS ONLY
 3004020 4 MWF 12:10-1:00
 SEC 4 RESTRICTED TO ENGR COLLEGE SOPHOMORES,
 JUNIORS AND SENIORS
 3004025 5 MWF 12:10-1:00
 SEC 5 RESTRICTED TO ENGR COLLEGE SOPHOMORES,
 JUNIORS AND SENIORS

HONORS ENGR STATICS E M 274H 3 CR.
 PREREQ: CREDIT OR ENROLLMT IN MATH 166; CR OR ENR
 IN PHYS 111 OR 221; MEMBERSHIP IN UNIV HONORS
 PROGRAM
 COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY
 6086010 MWF 9:00-9:50

MECHAN OF MATERIALS E M 324 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 274
 COURSE RESTRICTED TO ENGR COLLEGE SOPHOMORES,
 JUNIORS AND SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3007005 1 MWF 8:00-8:50
 3007010 2 MWF 10:00-10:50
 3007015 3 MWF 1:10-2:00
 3007020 4 MWF 1:10-2:00
 3007600 XE ARRANGED ZACHARY L
 SECT XE:AUG 24-DEC 8
 DELIVERY FEE IS IN ADDITION TO

TUITION AND FEES.
 ON LINE COURSE DELIVERY IS VIDEOSTREAMING.
 STUDENTS ONLY. ALL REGISTRATION OPEN TO DISTANCE
 FOR PERMISSION OTHERS CONTACT EDE AT 515-294-7470
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

HONORS MECH OF MTRL E M 324H 3 CR.
 PREREQ: 274, MEMBERSHIP IN UNIV HONORS PROGRAM
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7425010 MWF 11:00-11:50

MECH OF MATERLS LAB E M 327 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3008005 1 T 8:00-9:50
 3008010 2 T 10:00-11:50
 3008015 3 R 8:00-9:50
 3008020 4 R 10:00-11:50
 3008025 5 T 1:10-3:00

ENGINEERING MECHANICS

MECH OF MATERLS LAB E M 327 1 CR.
 3008030 6 R 1:10-3:00
 3008013 7 R 3:10-5:00

DYNAMICS E M 345 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 274, CR OR ENROLLMENT IN MATH 266 OR 267
 COURSE RESTRICTED TO ENGR COLLEGE SOPHOMORES,
 JUNIORS AND SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3010005 1 MWF 8:00-8:50
 T 4:10-5:00
 3010010 2 MWF 8:00-8:50
 R 4:10-5:00
 3010015 3 MWF 8:00-8:50
 T 2:10-3:00
 3010020 4 MWF 12:10-1:00
 R 2:10-3:00
 3010025 5 MWF 12:10-1:00
 T 3:10-4:00
 3010030 6 MWF 12:10-1:00
 R 3:10-4:00

MECHANICS OF FLUIDS E M 378 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 274
 LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB
 IS HELD. RESTRICTED TO ENGR COLLEGE SOPHOMORES,
 JUNIORS AND SENIORS.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3013005 1 MWF 10:00-10:50
 W 10:00-11:50
 3013010 2 MWF 10:00-10:50
 R 10:00-11:50
 3013015 3 MWF 10:00-10:50
 W 11:00-1:00
 3013020 4 MWF 10:00-10:50
 R 3:10-5:00
 3013025 5 MWF 10:00-10:50
 T 1:10-3:00
 3013030 6 MWF 9:00-9:50
 T 3:10-5:00
 3013035 7 MWF 9:00-9:50
 R 8:00-9:50
 3013040 8 MWF 9:00-9:50
 R 1:10-3:00
 3013045 9 MWF 9:00-9:50
 T 10:00-11:50
 3013055 10 MWF 9:00-9:50
 W 3:10-5:00

INDEPENDENT STUDY E M 490 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E M 490H VAR. CR.
 PREREQ: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING MECHANICS

CONTINUUM MECHANICS E M 510 3 CR.
 PREREQ: MATH 385
 3026005 1 MWF 9:00-9:50

ADV MECH OF MATERLS E M 514 3 CR.
 PREREQ: 324
 3027600 XE ARRANGED SCHMERR L
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDITION
 TO TUITION AND FEES. ONLINE
 REGISTRATION RESTRICTED
 TO DISTANCE STUDENTS. ALL OTHERS
 CONTACT EDE AT
 515-294-7470 FOR PERMISSION TO
 REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

MECH DEFORMBL SOLID E M 516 3 CR.
 PREREQ: 510
 3029005 1 MWF 2:10-3:00

BOUNDRY ELEMNT MTHD E M 526 3 CR.
 PREREQ: 514 OR 516
 3035005 MWF 3:10-4:00

SPL TOP INTR DSLOCA E M 590F 1- 4 CR.
 2822005 ARRANGED

SPL TOPC THIN FILMS E M 590H 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CELULR MDIA E M 590I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 590J 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT E M 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV EXP MTH E M 690N 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV WAV PROP E M 690O 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV MATERLS E M 690P 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING MECHANICS

SP TOP ADV COMP MTH E M 690Q 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RELIAB&FAIL E M 690R 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 690S 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP E M 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DOGE, GRAD CLASSIFICATION
 8134005 ARRANGED

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

ENGINEERING STUDIES

SURVEY ENGR IMPACTS E ST 265 3 CR.
 PREREQ: ENROLLMNT IN MINOR IN ENGINEERING STUDIES
 5564005 ARRANGED

INDEPENDENT STUDY E ST 490 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7483005 ARRANGED
 COLLEGE PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ENGLISH

INTENSIVE ENGLISH ENGL 10 0 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: RECOMMENDATION OF THE ENGLISH DEPT
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CR.
 SATISFACTORY-FAIL ONLY.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CR.
 SATISFACTORY-FAIL ONLY.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

NONNATIVE LISTENING ENGL 99L 0 CR.
 PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT
 IN SECTIONS DETERMINED BY EXAMINATION
 DEVELOPMENTAL ENGL FEE APPLIES. SEE FEES INFO AT

HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/OTHFEE.SHTML
 7774005 1 MW 2:10-3:00
 7774010 2 TR 3:40-4:30

ENGLISH

NONNATIVE LISTENING ENGL 99L 0 CR.
7774015 3 MW 11:00-11:50

NONNATIVE READING ENGL 99R 0 CR.
PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT
IN SECTIONS DETERMINED BY EXAMINATION
DEVELOPMENTAL ENGL FEE APPLIES. SEE FEES INFO AT

HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/OTHFEE.SHTML
7877005 1 M 12:10-2:00
SECT 1:1ST HALF
7877010 2 W 12:10-2:00
SECT 2:1ST HALF
7877015 3 T 3:40-5:30
SECT 3:1ST HALF

ENGLISH NONNATIVE I ENGL 101B 3 CR.
PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
VARIOUS SECTIONS DETERMINED BY EXAMINATION
ENGL 101B DOES NOT APPLY TOWARD GRADUATION
3294005 1 MWF 10:00-10:50
3294010 2 MWF 12:10-1:00
3294015 3 TR 8:00-9:20
3294020 4 TR 11:00-12:20

ENGLISH NONNATIV II ENGL 101C 3 CR.
PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
VARIOUS SECTIONS DETERMINED BY EXAMINATION
ENGL 101C DOES NOT APPLY TOWARD GRADUATION
3295005 1 MWF 9:00-9:50
3295010 2 MWF 11:00-11:50
3295015 3 MWF 1:10-2:00
3295020 4 TR 9:30-10:50
3295025 5 TR 12:40-2:00

ENGLISH NONNATIV II ENGL 101D 3 CR.
PREREQ: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
VARIOUS SECTIONS DETERMINED BY EXAMINATION
COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
ENGL 101D DOES NOT APPLY TOWARD GRADUATION.
3296005 1 MWF 8:00-8:50
3296010 2 MWF 10:00-10:50
3296015 3 TR 8:00-9:20
3296020 4 TR 11:00-12:20

COMPUTERS & LANGUAGE ENGL 120 3 CR.
6170005 TR 12:40-2:00

CRITCL THINK&CMUNIC ENGL 150 3 CR.
PREREQ: CONCURRENT ENROLLMENT IN LIB 160
EVERY SECTION MEETS IN A COMPUTER WRITING LAB
ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN

A
TRADITIONAL CLASSROOM.
3298300 FA M 9:00-9:50
WF 9:00-9:50
SEC. FA MEETS MONDAY IN FRILEY HALL

COMPUTER ROOM
3298305 FB M 10:00-10:50
WF 10:00-10:50
SEC. FB MEETS MONDAY IN FRILEY HALL

COMPUTER ROOM
3298310 FC MF 11:00-11:50
W 11:00-11:50
SEC. FC MEETS WEDNESDAY IN FRILEY

HALL COMPUTER ROOM
3298005 FD MF 12:10-1:00
W 12:10-1:00
SEC. FD MEETS WEDNESDAY IN FRILEY

HALL COMPUTER ROOM

ENGLISH

CRITCL THINK&CMUNIC ENGL 150 3 CR.
3298315 FE T 8:00-9:20
R 8:00-9:20
SEC. FE MEETS TUESDAY IN FRILEY HALL

COMPUTER ROOM
3298320 FF T 9:30-10:50
R 9:30-10:50
SEC. FF MEETS TUESDAY IN FRILEY HALL

COMPUTER ROOM
3298335 FG T 12:40-2:00
R 12:40-2:00
SEC. FG MEETS TUESDAY IN FRILEY HALL

COMPUTER ROOM
3298340 FH T 2:10-3:30
R 2:10-3:30
SEC. FH MEETS TUESDAY IN FRILEY HALL

COMPUTER ROOM
3298085 FJ T 9:30-10:50
R 9:30-10:50
SEC. FJ MEETS THURSDAY IN FRILEY HALL

COMPUTER ROOM
3298355 FK T 11:00-12:20
R 11:00-12:20
SEC. FK MEETS THURSDAY IN FRILEY HALL

COMPUTER ROOM
3298360 FL T 2:10-3:30
R 2:10-3:30
SEC. FL MEETS THURSDAY IN FRILEY HALL

COMPUTER ROOM
3298205 FM T 3:40-5:00
R 3:40-5:00
SEC. FM MEETS THURSDAY IN FRILEY HALL

COMPUTER ROOM
3298175 HA MF 2:10-3:00
W 2:10-3:00
SEC. HA MEETS WEDNESDAY IN HELSER HALL COMPUTER

COMPUTER ROOM
3298185 HB MF 3:10-4:00
W 3:10-4:00
SEC. HB MEETS WEDNESDAY IN HELSER

HALL COMPUTER ROOM
3298195 HC T 8:00-9:20
R 8:00-9:20
SEC. HC MEETS TUESDAY IN HELSER HALL COMPUTER

COMPUTER ROOM
3298210 HD T 9:30-10:50
R 9:30-10:50
SEC. HD MEETS TUESDAY IN HELSER HALL COMPUTER

COMPUTER ROOM
3298211 HE T 2:10-3:30
R 2:10-3:30
SEC. HE MEETS TUESDAY IN HELSER HALL COMPUTER

COMPUTER ROOM
3298590 LA M 8:00-8:50
WF 8:00-8:50
SEC. LA MEETS MONDAY IN MAPLE-WILLOW-LARCH

COMPUTER ROOM
3298270 LB M 9:00-9:50
WF 9:00-9:50
SEC. LB MEETS MONDAY IN MAPLE-WILLOW-LARCH

COMPUTER ROOM
3298600 LC M 10:00-10:50
WF 10:00-10:50
SEC. LC MEETS MONDAY IN MAPLE-WILLOW-LARCH

LARCH COMMONS COMPUTER ROOM

ENGLISH

CRITCL THINK&CMUNIC ENGL 150 3 CR.
 3298605 LD M 11:00-11:50
 WF 11:00-11:50
 SEC. LD MEETS MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298610 LE M 2:10-3:00
 WF 2:10-3:00
 SEC. LE MEETS MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298325 LF M 3:10-4:00
 WF 3:10-4:00
 SEC. LF MEETS MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298620 LG MF 12:10-1:00
 W 12:10-1:00
 SEC. LG MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298625 LH MF 1:10-2:00
 W 1:10-2:00
 SEC. LH MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298345 LJ MF 2:10-3:00
 W 2:10-3:00
 SEC. LJ MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298350 LK MF 3:10-4:00
 W 3:10-4:00
 SEC. LK MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298630 LL T 12:40-2:00
 R 12:40-2:00
 SEC. LL MEETS TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM. THIS
 SECTION IS RESTRICTED TO
 STUDENTS FROM THE COLLEGE OF AGRICULTURE AND LIFE
 SCIENCES.
 3298635 LM T 2:10-3:30
 R 2:10-3:30
 SEC. LM MEETS TUESDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298653 MA M 8:00-8:50
 WF 8:00-8:50
 SEC. MA MEETS MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298655 MB M 9:00-9:50
 WF 9:00-9:50
 SEC. MB MEETS MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298520 MC M 11:00-11:50
 WF 11:00-11:50
 SEC. MC MEETS MONDAY IN MAPLE-WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298665 MD M 12:10-1:00
 WF 12:10-1:00
 SEC. MD MEETS MONDAY IN MAPLE-WILLOW-
 LARCH
 COMMONS COMPUTER ROOM
 3298670 ME T 12:40-2:00
 R 12:40-2:00
 SEC. ME MEETS TUESDAY IN MAPLE-
 WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298675 MF T 2:10-3:30
 R 2:10-3:30
 SEC. MF MEETS TUESDAY IN MAPLE-
 WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298680 MG T 2:10-3:30
 R 2:10-3:30
 SEC. MG MEETS THURSDAY IN MAPLE-
 WILLOW-LARCH
 COMMONS COMPUTER ROOM

ENGLISH

CRITCL THINK&CMUNIC ENGL 150 3 CR.
 3298685 MH T 3:40-5:00
 R 3:40-5:00
 SEC. MH MEETS THURSDAY IN MAPLE-
 WILLOW-LARCH
 COMMONS COMPUTER ROOM
 3298850 PA MWF 8:00-8:50
 SEC. PA MEETS ALL THREE DAYS IN ROSS
 HALL LAPTOP
 LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3298855 PB MWF 9:00-9:50
 SEC. PB MEETS ALL THREE DAYS IN ROSS
 HALL LAPTOP
 LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3298860 PC MWF 10:00-10:50
 SEC. PC MEETS ALL THREE DAYS IN ROSS
 HALL LAPTOP
 LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3298865 PD MWF 11:00-11:50
 SEC. PD MEETS ALL THREE DAYS IN ROSS
 HALL LAPTOP
 LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3298870 PE MWF 12:10-1:00
 SEC. PE MEETS ALL THREE DAYS IN ROSS
 HALL LAPTOP
 LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3298875 PF MWF 1:10-2:00
 SEC. PF MEETS ALL THREE DAYS IN ROSS
 HALL LAPTOP
 LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3298880 PG MWF 2:10-3:00
 SEC. PG MEETS ALL THREE DAYS IN ROSS
 HALL LAPTOP
 LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3298885 PH MWF 3:10-4:00
 SEC. PH MEETS ALL THREE DAYS IN ROSS
 HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3298835 RT M 10:00-10:50
 WF 10:00-10:50
 SEC. RT MEETS MONDAY IN ROBERTS HALL COMPUTER ROOM.
 THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY.
 MEETS JOINTLY WITH SECTION RV.
 3298840 RV M 10:00-10:50
 WF 10:00-10:50
 SEC. RV MEETS MONDAY IN ROBERTS HALL COMPUTER ROOM.
 THIS IS A CROSS-CULTURAL SEC FOR INTERNATIONAL
 STUDENTS ONLY. MEETS JOINTLY WITH SECTION RT. TO ADD,
 MUST SEE DEANNA STUMBO, ENGLISH DEPT, 403 ROSS.
 3298710 RW M 1:10-2:00
 WF 1:10-2:00
 SEC. RW MEETS MONDAY IN ROBERTS HALL
 COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. U.S.
 STUDENTS ONLY. MEETS JOINTLY WITH SECTION RX.
 3298740 RX M 1:10-2:00
 WF 1:10-2:00
 SEC. RX MEETS MONDAY IN ROBERTS HALL
 COMPUTER ROOM. THIS IS A CROSS-CULTURAL SEC FOR
 INTERNATIONAL STUDENTS ONLY. MEETS JOINTLY WITH
 SECTION RW. TO ADD, MUST SEE DEANNA STUMBO, ENGLISH
 DEPT, 403 ROSS.
 3298715 RY M 2:10-3:00
 WF 2:10-3:00
 SEC. RY MEETS MONDAY IN ROBERTS HALL
 COMPUTER ROOM. THIS IS A CROSS-CULTURAL SECTION. U.S.
 STUDENTS ONLY. MEETS JOINTLY WITH SECTION RZ.
 3298720 RZ M 2:10-3:00
 WF 2:10-3:00
 SEC. RZ MEETS MONDAY IN ROBERTS HALL
 COMPUTER ROOM. THIS IS A CROSS-CULTURAL SEC FOR
 INTERNATIONAL STUDENTS ONLY. MEETS JOINTLY WITH
 SECTION RY. TO ADD, MUST SEE DEANNA STUMBO, ENGLISH
 DEPT, 403 ROSS.
 3298750 TA M 1:10-2:00
 WF 1:10-2:00
 SEC. TA MEETS MONDAY IN ROSS HALL
 COMPUTER ROOM

ENGLISH

ENGLISH

CRITCL THINK&CMUNIC ENGL 150 3 CR.

3298760 TB M 2:10-3:00
WF 2:10-3:00

SEC. TB MEETS MONDAY IN ROSS HALL COMPUTER ROOM

3298770 TC M 3:10-4:00
WF 3:10-4:00

SEC. TC MEETS MONDAY IN ROSS HALL

COMPUTER ROOM

3298780 TD M 4:10-5:00
WF 4:10-5:00

SEC. TD MEETS MONDAY IN ROSS HALL COMPUTER ROOM

3298790 TE MF 8:00-8:50
W 8:00-8:50

SEC. TE MEETS WEDNESDAY IN ROSS HALL COMPUTER ROOM

3298800 TF MF 9:00-9:50
W 9:00-9:50

SEC. TF MEETS WEDNESDAY IN ROSS HALL COMPUTER ROOM

SPEAKG FOR INT'L TA ENGL 180A 3 CR.

SATISFACTORY-FAIL ONLY.

PREREQ: NO MORE THAN ONE SECTION OF 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL ENGL 180A DOES NOT APPLY TOWARD GRADUATION.

FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.

3579005 1 MW 3:10-4:30

INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

3579010 2 MW 4:10-5:30

INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

3579015 3 MW 5:10-6:30PM

INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

INTMED ENGL INTL TA ENGL 180B 3 CR.

SATISFACTORY-FAIL ONLY.

PREREQ: NO MORE THAN ONE SECTION OF 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL ENGL 180B DOES NOT APPLY TOWARD GRADUATION.

FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.

3580005 1 MW 1:10-2:30

INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

3580010 2 TR 5:10-6:30PM

INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

3580015 3 MW 4:10-5:30

INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

3580020 4 TR 4:10-5:30

INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

PRESNTATNS INT'L TA ENGL 180D 3 CR.

SATISFACTORY-FAIL ONLY.

PREREQ: NO MORE THAN ONE SECTION OF 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL ENGL 180D DOES NOT APPLY TOWARD GRADUATION.

FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.

3593005 1 TR 12:40-2:00

INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

PRESNTATNS INT'L TA ENGL 180D 3 CR.

3593010 2 TR 4:10-5:30

INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

3593015 3 MW 3:10-4:30

INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

INTRO STUDY ENGLISH ENGL 199 R CR.

SATISFACTORY-FAIL ONLY.

3302005 A ARRANGED

SECT A:1ST HALF

POPULR CULTUR ANALY ENGL 205 3 CR.

PREREQ: CREDIT IN OR EXEMPTION FROM 150

3305005 A MWF 2:10-3:00

INTRO LINGUISTICS ENGL 219 3 CR.

PREREQ: SOPHOMORE CLASSIFICATION

3307005 A MW 1:10-2:00

F 10:00-10:50

3307010 B MW 1:10-2:00

F 11:00-11:50

3307015 C MW 1:10-2:00

F 1:10-2:00

3307020 D MW 1:10-2:00

F 2:10-3:00

DESCRP ENGL GRAMMAR ENGL 220 3 CR.

PREREQ: 250

SEC A1,B1,C1 RESTRICTED TO ENGL, TCOMM MAJORS.

SEC A2,B2,C2 RESTRICTED TO MAJORS OTHER THAN

ENGL, TCOMM.

3308005 A1 MWF 9:00-9:50

3308010 A2 MWF 9:00-9:50

3308015 B1 TR 9:30-10:50

3308020 B2 TR 9:30-10:50

3308025 C1 TR 2:10-3:30

3308030 C2 TR 2:10-3:30

BRIT LIT SINCE 1800 ENGL 226 3 CR.

PREREQ: 250

SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.

SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN ENGL,

TCOMM

5351005 A1 MWF 10:00-10:50

5351010 A2 MWF 10:00-10:50

5351015 B1 MWF 1:10-2:00

5351020 B2 MWF 1:10-2:00

AMER LIT SINCE 1865 ENGL 228 3 CR.

PREREQ: 250

SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.

SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN ENGL,

TCOMM

5360005 A1 TR 11:00-12:20

5360010 A2 TR 11:00-12:20

5360015 B1 TR 2:10-3:30

5360020 B2 TR 2:10-3:30

SURVEY OF FILM HIST ENGL 237 3 CR.

PREREQ: CREDIT IN OR EXEMPTION FROM 150

MATERIALS FEE \$15.00

1940005 A MW 3:10-5:30

FILM SHOWINGS MAY EXTEND THE MONDAY MEETING TIME

ENGLISH

ENGLISH

INTRO AM INDIAN LIT ENGL 240 3 CR.
 PREREQ: CREDIT IN OR EXEMPTION FROM ENGL 150
 MEETS U.S. DIVERSITY REQMT.
 8244005 A TR 9:30-10:50

WRIT, ORAL, EL COMPOS ENGL 250 3 CR.
 PREREQ: 150 OR EXEMPTION FROM 150; CREDIT FOR OR
 CONCURRENT ENROLLMENT IN LIB 160
 EVERY SECTION MEETS IN A COMPUTER LAB AT LEAST
 ONE DAY PER WEEK. EXCEPT FOR THE LAPTOP SECTIONS,
 THE OTHER MEETING(S) WILL BE IN A TRADITIONAL
 CLASSROOM.

3299050 DA TR 9:30-10:50
 SECTION DA TOPIC: COMPUTERS IN THE
 STUDY OF ENGLISH. RESTRICTED TO ENGL, TCOMM, SP CM, JL
 MC, ADVRT, COMST MAJORS ONLY.

3299055 DB TR 9:30-10:50
 SECTION DB TOPIC: COMPUTERS IN THE
 STUDY OF ENGLISH. RESTRICTED TO MAJORS OTHER THAN
 ENGL, TCOMM, SP CM, COMST, JL MC, ADVRT.

3299200 FA M 11:00-11:50
 WF 11:00-11:50
 SEC. FA MEETS MONDAY IN FRILEY HALL COMPUTER ROOM
 3299210 FB M 12:10-1:00
 WF 12:10-1:00

SEC. FB MEETS MONDAY IN FRILEY HALL COMPUTER ROOM
 3299220 FC MF 2:10-3:00
 W 2:10-3:00
 SEC. FC MEETS WEDNESDAY IN FRILEY
 HALL COMPUTER

ROOM
 3299230 FD MF 3:10-4:00
 W 3:10-4:00
 SEC. FD MEETS WEDNESDAY IN FRILEY HALL COMPUTER

ROOM
 3299300 HA M 8:00-8:50
 WF 8:00-8:50
 SEC HA MEETS MONDAY IN HELSER HALL COMPUTER ROOM.

3299310 HB M 9:00-9:50
 WF 9:00-9:50
 SEC. HB MEETS MONDAY IN HELSER HALL COMPUTER ROOM
 3299320 HC MF 9:00-9:50
 W 9:00-9:50

SEC. HC MEETS WEDNESDAY IN HELSER HALL COMPUTER
 ROOM
 3299330 HD MF 10:00-10:50
 W 10:00-10:50
 SEC. HD MEETS WEDNESDAY IN HELSER

HALL COMPUTER
 ROOM. THIS SECTION IS RESTRICTED
 TO BIOCH, BIOL, BIOLA, GEN, MICR, AND PBP MI MAJORS.
 3299340 HE T 11:00-12:20
 R 11:00-12:20

SEC HE MEETS THURSDAY IN HELSER HALL COMPUTER
 ROOM
 3299345 HF T 9:30-10:50
 R 9:30-10:50

SEC. HF MEETS THURSDAY IN HELSER HALL COMPUTER
 ROOM
 3299350 HG M 2:10-3:00
 WF 2:10-3:00

SEC. HG MEETS MONDAY IN HELSER HALL COMPUTER ROOM
 3299355 HH M 3:10-4:00
 WF 3:10-4:00
 SEC. HH MEETS MONDAY IN HELSER HALL

COMPUTER ROOM
 3299360 HJ MF 11:00-11:50
 W 11:00-11:50
 SEC. HJ MEETS WEDNESDAY IN HELSER

HALL COMPUTER
 ROOM

WRIT, ORAL, EL COMPOS ENGL 250 3 CR.
 3299365 HK MF 12:10-1:00
 W 12:10-1:00
 SEC. HK MEETS WEDNESDAY IN HELSER

HALL COMPUTER
 ROOM
 3299370 HL T 12:40-2:00
 R 12:40-2:00
 SEC. HL MEETS THURSDAY IN HELSER HALL

COMPUTER
 ROOM
 3299375 HM T 2:10-3:30
 R 2:10-3:30
 SEC. HM MEETS THURSDAY IN HELSER HALL

COMPUTER
 ROOM
 3299400 LA MF 9:00-9:50
 W 9:00-9:50
 SEC. LA MEETS WEDNESDAY IN MAPLE-

WILLOW-LARCH COMMONS COMPUTER ROOM
 3299410 LB MF 10:00-10:50
 W 10:00-10:50
 SEC. LB MEETS WEDNESDAY IN MAPLE-

WILLOW-LARCH COMMONS COMPUTER ROOM
 3299420 LC T 9:30-10:50
 R 9:30-10:50
 SEC. LC MEETS TUESDAY IN MAPLE-

WILLOW-LARCH COMMONS COMPUTER ROOM
 3299425 LD T 11:00-12:20
 R 11:00-12:20
 SEC. LD MEETS TUESDAY IN MAPLE-

WILLOW-LARCH COMMONS COMPUTER ROOM
 3299430 LE T 11:00-12:20
 R 11:00-12:20
 SEC. LE MEETS THURSDAY IN MAPLE-

WILLOW-LARCH COMMONS COMPUTER ROOM
 3299435 LF T 2:10-3:30
 R 2:10-3:30
 SEC. LF MEETS THURSDAY IN MAPLE-

WILLOW-LARCH COMMONS COMPUTER ROOM
 3299440 LG T 3:40-5:00
 R 3:40-5:00
 SEC. LG MEETS THURSDAY IN MAPLE-

WILLOW-LARCH COMMONS COMPUTER ROOM
 3299460 MA M 3:10-4:00
 WF 3:10-4:00
 SEC. MA MEETS MONDAY IN MAPLE-WILLOW-

LARCH COMMONS COMPUTER ROOM
 3299470 MB M 4:10-5:00
 WF 4:10-5:00
 SEC. MB MEETS MONDAY IN MAPLE-WILLOW-

LARCH COMMONS COMPUTER ROOM
 3299480 MC MF 12:10-1:00
 W 12:10-1:00
 SEC. MC MEETS WEDNESDAY IN MAPLE-

WILLOW-LARCH COMMONS COMPUTER ROOM
 3299490 MD MF 1:10-2:00
 W 1:10-2:00
 SEC. MD MEETS WEDNESDAY IN MAPLE-

WILLOW-LARCH COMMONS COMPUTER ROOM
 3299500 ME T 9:30-10:50
 R 9:30-10:50
 SEC. ME MEETS TUESDAY IN MAPLE-

WILLOW-LARCH COMMONS COMPUTER ROOM
 3299510 MF T 11:00-12:20
 R 11:00-12:20
 SEC. MF MEETS TUESDAY IN MAPLE-

WILLOW-LARCH COMMONS COMPUTER ROOM

ENGLISH

WRIT, ORAL, EL COMPOS ENGL 250 3 CR.
 3299535 MT T 9:30-10:50
 R 9:30-10:50
 SEC. MT MEETS THURSDAY IN MAPLE-
 WILLOW-LARCH
 COMMONS COMPUTER ROOM. THIS IS A
 CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS
 JOINTLY WITH SECTION MV.
 3299536 MV T 9:30-10:50
 R 9:30-10:50
 SEC. MV MEETS THURSDAY IN MAPLE-
 WILLOW-LARCH
 COMMONS COMPUTER ROOM. THIS IS A
 CROSS-CULTURAL SECTION. INTERNATIONAL STUDENTS
 ONLY. MEETS JOINTLY WITH SECTION MT. TO ADD, MUST SEE
 DEANNA STUMBO, ENGLISH DEPARTMENT, 403 ROSS.
 3299540 MW T 11:00-12:20
 R 11:00-12:20
 SEC. MW MEETS THURSDAY IN MAPLE-
 WILLOW-LARCH COMMONS COMPUTER ROOM. THIS IS A CROSS-
 CULTURAL SECTION. U.S. STUDENTS ONLY. MEETS JOINTLY
 WITH SECTION MX.
 3299541 MX T 11:00-12:20
 R 11:00-12:20
 SEC. MX MEETS THURSDAY IN MAPLE-
 WILLOW-LARCH COMMONS COMPUTER ROOM. THIS IS A CROSS-
 CULTURAL SECTION. INTERNATIONAL STUDENTS ONLY. MEETS
 JOINTLY WITH SECTION MW. TO ADD, MUST SEE DEANNA
 STUMBO, ENGLISH DEPARTMENT, 403 ROSS.
 3299550 PA TR 8:00-9:20
 SEC. PA MEETS BOTH DAYS IN ROSS HALL
 LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3299560 PB TR 3:40-5:00
 SEC. PB MEETS BOTH DAYS IN ROSS HALL
 LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3299650 RA MF 10:00-10:50
 W 10:00-10:50
 SEC. RA MEETS WEDNESDAY IN ROBERTS
 HALL COMPUTER ROOM
 3299660 RB MF 11:00-11:50
 W 11:00-11:50
 SEC. RB MEETS WEDNESDAY IN ROBERTS
 HALL COMPUTER ROOM
 3299670 RC T 12:40-2:00
 R 12:40-2:00
 SEC. RC MEETS THURSDAY IN ROBERTS
 HALL COMPUTER ROOM
 3299680 RD T 2:10-3:30
 R 2:10-3:30
 SEC. RD MEETS THURSDAY IN ROBERTS
 HALL COMPUTER ROOM
 3299850 VA MF 3:10-4:00
 W 3:10-4:00
 SEC. VA MEETS WEDNESDAY IN ROSS HALL
 COMPUTER LAB
 3299860 VB MF 4:10-5:00
 W 4:10-5:00
 SEC. VB MEETS WEDNESDAY IN ROSS HALL
 COMPUTER LAB
 3299865 VC MW 2:10-3:00
 F 2:10-3:00
 SEC. VC MEETS FRIDAY IN ROSS HALL
 COMPUTER LAB
 3299870 VE MW 3:10-4:00
 F 3:10-4:00
 SEC. VE MEETS FRIDAY IN ROSS HALL
 COMPUTER LAB

ENGLISH

HONORS WRI, ELE COMP ENGL 250H 3 CR.
 PREREQ: EXEMPTION FROM 150, ADMISSION TO FRESHMAN
 HONORS PROGRAM; CREDIT FOR OR CONCURRENT
 ENROLLMENT IN LIB 160
 EVERY SECTION MEETS IN A COMPUTER LAB AT LEAST ONE DAY
 PER WEEK. EXCEPT FOR THE LAPTOP SECTIONS, THE OTHER
 MEETING(S) WILL BE IN A TRADITIONAL CLASSROOM.
 3300005 FA M 1:10-2:00
 WF 1:10-2:00
 SEC. FA MEETS MONDAY IN FRILEY HALL
 COMPUTER ROOM
 3300010 FB M 2:10-3:00
 WF 2:10-3:00
 SEC. FB MEETS MONDAY IN FRILEY HALL COMPUTER ROOM
 3300030 HA M 11:00-11:50
 WF 11:00-11:50
 SEC. HA MEETS MONDAY IN HELSER HALL COMPUTER ROOM
 3300040 HB M 12:10-1:00
 WF 12:10-1:00
 SEC. HB MEETS MONDAY IN HELSER HALL COMPUTER ROOM
 3300100 PA TR 12:40-2:00
 SEC. PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3300110 PB TR 9:30-10:50
 SEC. PB MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3300120 PC TR 2:10-3:30
 SEC. PC MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3300125 PD TR 11:00-12:20
 SEC. PD MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3300400 TA M 9:00-9:50
 WF 9:00-9:50
 SEC. TA MEETS MONDAY IN ROSS HALL COMPUTER ROOM
 3300405 TB M 10:00-10:50
 WF 10:00-10:50
 SEC. TB MEETS MONDAY IN ROSS HALL COMPUTER ROOM
 3300410 TC T 9:30-10:50
 R 9:30-10:50
 SEC. TC MEETS TUESDAY IN ROSS HALL COMPUTER ROOM
 3300415 TD T 11:00-12:20
 R 11:00-12:20
 SEC. TD MEETS TUESDAY IN ROSS HALL COMPUTER ROOM
 3300420 TE T 2:10-3:30
 R 2:10-3:30
 SEC. TE MEETS TUESDAY IN ROSS HALL COMPUTER ROOM
 3300220 VA M 2:10-3:00
 WF 2:10-3:00
 SEC. VA MEETS MONDAY IN ROSS HALL COMPUTER LAB
 3300225 VB M 3:10-4:00
 WF 3:10-4:00
 SEC. VB MEETS MONDAY IN ROSS HALL COMPUTER LAB
 3300230 VC T 12:40-2:00
 R 12:40-2:00
 SEC. VC MEETS TUESDAY IN ROSS HALL COMPUTER LAB
 3300235 VD T 2:10-3:30
 R 2:10-3:30
 SEC. VD MEETS TUESDAY IN ROSS HALL COMPUTER LAB
 INTRO LITERARY STDY ENGL 260 3 CR.
 PREREQ: CREDIT IN OR EXEMPTION FROM 150
 SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN ENGL,
 TCOMM
 3306005 A1 MWF 1:10-2:00
 3306020 A2 MWF 1:10-2:00
 3306010 B1 TR 9:30-10:50

ENGLISH

INTRO LITERARY STDY ENGL 260 3 CR.
3306025 B2 TR 9:30-10:50

BUSINESS COMMUNICAT ENGL 302 3 CR.

PREREQ: 250, JUNIOR CLASSIFICATION
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB

- 3314005 1 MWF 8:00-8:50
- 3314010 2 MWF 8:00-8:50
- 3314015 3 MWF 9:00-9:50
- 3314020 4 MWF 9:00-9:50
- 3314025 5 MWF 10:00-10:50
- 3314030 6 MWF 10:00-10:50
- 3314035 7 MWF 10:00-10:50
- 3314040 8 MWF 11:00-11:50
- 3314045 9 MWF 11:00-11:50
- 3314175 EM MW 6:00-8:00PM
SECT EM:SEPT 14-NOV 18
- 3314180 ES MW 6:00-8:00PM
SECT ES:SEPT 14-NOV 18
SEC ES RESTRICTED TO L ST JUNIORS AND

SENIORS

AND LAS S MAJORS ONLY

- 3314050 10 MWF 12:10-1:00
- 3314055 11 MWF 12:10-1:00
- 3314060 12 MWF 1:10-2:00
- 3314065 13 MWF 1:10-2:00
- 3314070 14 MWF 2:10-3:00
- 3314075 15 MWF 2:10-3:00
- 3314080 16 MWF 2:10-3:00
- 3314085 17 MWF 3:10-4:00
- 3314090 18 MWF 3:10-4:00
- 3314095 19 MWF 4:10-5:00
- 3314100 20 TR 8:00-9:20
- 3314105 21 TR 8:00-9:20
- 3314110 22 TR 9:30-10:50
- 3314115 23 TR 9:30-10:50
- 3314120 24 TR 9:30-10:50
- 3314125 25 TR 11:00-12:20
- 3314130 26 TR 11:00-12:20
- 3314135 27 TR 11:00-12:20
- 3314140 28 TR 12:40-2:00
- 3314145 29 TR 12:40-2:00
- 3314150 30 TR 12:40-2:00
- 3314155 31 TR 2:10-3:30
- 3314160 32 TR 2:10-3:30
- 3314165 33 TR 2:10-3:30
- 3314170 34 TR 3:40-5:00

HONORS BUS COMMUNIC ENGL 302H 3 CR.

PREREQ: 105, JR CLASSIFICATION. FOR MEMBERS
OF UNIVERSITY HONORS PROGRAM ONLY.
7402005 TR 9:30-10:50

CREAT WRITING FICTN ENGL 304 3 CR.

PREREQ: 250, NOT OPEN TO FRESHMEN
3316005 A TR 9:30-10:50
3316010 B TR 11:00-12:20
3316015 C TR 12:40-2:00
3316020 D MWF 10:00-10:50
SECTION D TOPIC: WRITE LIKE A WOMAN

ENGLISH

CREAT WRITING NON-F ENGL 305 3 CR.

PREREQ: 250, NOT OPEN TO FRESHMEN
3317005 A TR 11:00-12:20
3317010 B TR 12:40-2:00
3317015 C TR 2:10-3:30

CREAT WRITING POET ENGL 306 3 CR.

PREREQ: 250, NOT OPEN TO FRESHMEN
3318005 A TR 11:00-12:20
3318010 B TR 2:10-3:30

REPT&PROPOS L WRITNG ENGL 309 3 CR.

PREREQ: 250, JUNIOR CLASSIFICATION
SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN ENGL,
TCOMM
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8089005 A1 TR 9:30-10:50
8089010 A2 TR 9:30-10:50
8089015 B1 TR 11:00-12:20
8089020 B2 TR 11:00-12:20

RHETORICAL ANALYSIS ENGL 310 3 CR.

PREREQ: 250
SEC A1,B1,C1 RESTRICTED TO ENGL, TCOMM MAJORS
ONLY. SEC A2,B2,C2 RESTRICTED TO MAJORS OTHER
THAN
ENGL, TCOMM.
8308005 A1 MWF 1:10-2:00
8308020 A2 MWF 1:10-2:00
8308010 B1 TR 9:30-10:50
8308025 B2 TR 9:30-10:50

WRITING FOR THE WWW ENGL 313 3 CR.

PREREQ: 250
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5597005 A1 TR 12:40-2:00
SEC A1 RESTRICTED TO ENGL, TCOMM
MAJORS ONLY
5597015 A2 TR 12:40-2:00
SEC A2 RESTRICTED TO MAJORS OTHER
THAN ENGL,
TCOMM

TECHNICAL COMMUNCTN ENGL 314 3 CR.

PREREQ: 250, JUNIOR CLASSIFICATION
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
3356005 1 MWF 8:00-8:50
3356010 2 MWF 9:00-9:50
3356015 3 MWF 10:00-10:50
3356020 4 MWF 11:00-11:50
3356025 5 MWF 12:10-1:00
3356030 6 MWF 1:10-2:00
3356035 7 MWF 2:10-3:00
3356040 8 MWF 3:10-4:00
3356045 9 MWF 4:10-5:00
3356145 EM TR 6:00-8:00PM
SECT EM:SEPT 15-NOV 19
3356150 ES TR 6:00-8:00PM
SECT ES:SEPT 15-NOV 19
SEC ES RESTRICTED TO LAS S, L ST
MAJORS JUNIOR
AND ABOVE
3356050 10 TR 8:00-9:20
3356055 11 TR 9:30-10:50
3356060 12 TR 9:30-10:50
3356065 13 TR 11:00-12:20
3356070 14 TR 11:00-12:20
3356075 15 TR 12:40-2:00
3356080 16 TR 12:40-2:00
3356085 17 TR 2:10-3:30

ENGLISH

ENGLISH

TECHNICAL COMMUNCTN ENGL 314 3 CR.
 3356090 18 TR 2:10-3:30
 3356095 19 TR 3:40-5:00

HONORS-TECHNCL COMM ENGL 314H 3 CR.
 PREREQ: 105, JR CLASSIFICATION. FOR UNIV HONORS
 PROGRAM STUDENTS ONLY
 3357005 TR 9:30-10:50

CRTV WRT:SCREENPLAY ENGL 315 3 CR.
 PREREQ: 250, NOT OPEN TO FRESHMEN
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3320005 A TR 11:00-12:20

SCIENCE FICTION ENGL 330 3 CR.
 PREREQ: 250
 3312005 A TR 2:10-3:30
 3312010 B TR 2:10-3:30

STUDIES IN FILM ENGL 335 3 CR.
 PREREQ: 250
 FILM SHOWINGS MAY EXTEND SCHEDULED TIME
 MATERIALS FEE \$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3322005 A1 T 6:00-9:00PM
 3322010 A2 T 6:00-9:00PM

LIT THRY&CRITICISM ENGL 339 3 CR.
 PREREQ: 260 & 3 ADDITIONAL CREDITS IN LITERATURE
 3361005 A1 TR 9:30-10:50
 SEC A1 RESTRICTED TO ENGL, TCOMM

MAJORS ONLY
 3361010 A2 TR 9:30-10:50
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL,
 TCOMM

WOMEN'S LITERATURE ENGL 340 3 CR.
 PREREQ: 250
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3323005 A1 TR 2:10-3:30
 SECTION A1 RESTRICTED TO ENGL, TCOMM

MAJORS ONLY
 3323010 A2 TR 2:10-3:30
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL,
 TCOMM

AFRIC AM LIT TO1960 ENGL 347 3 CR.
 PREREQ: 250
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3326005 A1 TR 12:40-2:00
 SEC A1 RESTRICTED TO ENGL, TCOMM

MAJORS ONLY
 3326010 A2 TR 12:40-2:00
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL,
 TCOMM

WLD LIT:ANCT-RENAIS ENGL 353 3 CR.
 PREREQ: 250
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3329005 A1 TR 3:40-5:00
 SEC A1 RESTRICTED TO ENGL, TCOMM

MAJORS ONLY
 3329010 A2 TR 3:40-5:00
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL,
 TCOMM

LIT AND THE ENVIRON ENGL 355 3 CR.
 PREREQ: 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5370005 A1 TR 11:00-12:20
 SEC A1 RESTRICTED TO ENGL, TCOMM

MAJORS ONLY
 5370010 A2 TR 11:00-12:20
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL,
 TCOMM

STU AMER LIT: 1900- ENGL 364 3 CR.
 PREREQ: 250; SOPHOMORE CLASSIFICATION
 3338005 A1 TR 9:30-10:50
 SEC A1 TOPIC - THE COMIC MODE: NOVEL-
 FILM-THEORY.
 RESTRICTED TO ENGL, TCOMM MAJORS
 ONLY.
 3338010 A2 TR 9:30-10:50
 SEC A2 TOPIC - THE COMIC MODE: NOVEL-
 FILM-THEORY.
 RESTRICTED TO MAJORS OTHER THAN
 ENGL, TCOMM.

SHAKESPEARE ENGL 370 3 CR.
 PREREQ: 250
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3341005 A1 MW 3:40-5:00
 SEC A1 RESTRICTED TO ENGL, TCOMM

MAJORS ONLY
 3341010 A2 MW 3:40-5:00
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL,
 TCOMM

HIST OF CHILD'S LIT ENGL 393 3 CR.
 PREREQ: 250
 8391005 A TR 11:00-12:20

CR WRIT WKSHP FICTN ENGL 404 3 CR.
 PREREQ: 304
 3353005 A TR 9:30-10:50
 3353010 B TR 11:00-12:20
 3353015 C TR 12:40-2:00
 3353020 D MWF 10:00-10:50
 SECTION D TOPIC: WRITE LIKE A WOMAN

CR WRIT WKSHP NON-F ENGL 405 3 CR.
 PREREQ: 305
 3354005 A TR 11:00-12:20
 3354010 B TR 12:40-2:00
 3354015 C TR 2:10-3:30

CR WRIT WKSHP POET ENGL 406 3 CR.
 PREREQ: 306
 COURSE NOT OPEN TO FRESHMEN
 3355005 A TR 11:00-12:20
 3355010 B TR 2:10-3:30

VISUL ASPCT BUS CMM ENGL 416 3 CR.
 PREREQ: 302, 309, OR 314; JUNIOR CLASSIFICATION
 9078005 A1 TR 12:40-2:00
 SEC A1 RESTRICTED TO ENGL, TCOMM

MAJORS ONLY
 9078010 A2 TR 12:40-2:00
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL,
 TCOMM
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ENGLISH

ENGLISH

STUDENT TCH ENGL&LIT ENGL 417E VAR. CR.
 PREREQ: 494, ADMISSION TO TEACHER EDUCATION,
 APPROVAL OF COORDINATOR SEMESTER PRIOR TO STUDENT
 TEACHING
 COURSE RESTRICTED TO ENGL SENIORS WITH FULL
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION
 PROGRAM
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$328.00
 7786005 1 ARRANGED
 SECTION 1 OFFERED FOR 16 CREDITS
 7786010 2 ARRANGED
 SECT 2:1ST HALF
 SECTION 2 OFFERED FOR 8 CREDITS
 7786015 3 ARRANGED
 SECT 3:2ND HALF
 SECTION 3 OFFERED FOR 8 CREDITS

HIST OF ENGLISH LANG ENGL 420 3 CR.
 PREREQ: 219, 220
 NOT OPEN TO FRESHMEN OR SOPHOMORES
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3360005 A TR 12:40-2:00

GRAMMATICAL ANALYSI ENGL 437 3 CR.
 PREREQ: 220; JUNIOR CLASSIFICATION
 3359005 A TR 2:10-3:30

SEMINAR BRITISH LIT ENGL 440 3 CR.
 PREREQ: COMPLETION OF 9 CR OF SURVEYS; COMPLETION
 OF OR CONCURRENT ENROLL IN 339; JUNIOR
 CLASSIFICATION
 NOT OPEN TO FRESHMEN OR SOPHOMORES
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9534005 A MW 3:40-5:00
 SEC A TOPIC - THE PRE-RAPHAELITES

PICTURES AND
 POETRY: BOHEMIAN VICTORIANS

SEMINAR IN PROSE ENGL 452 3 CR.
 PREREQ: COMPLETION OF 9 CR OF SURVEYS; COMPLETION
 OF OR CONCURRENT ENROLL IN 339; JUNIOR
 CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9539005 A TR 2:10-3:30
 SEC A TOPIC: COMING-OF-AGE AMERICAN
 AUTOBIOGRAPHY

SEMNR TECHNICAL COMM ENGL 477 3 CR.
 PREREQ: 302, 309, OR 314 AND 6 ADDITIONAL CREDITS
 IN TECHNICAL COMMUNICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8884005 A1 TR 11:00-12:20
 SECTION A1 RESTRICTED TO ENGL, TCOMM
 MAJORS ONLY
 8884010 A2 TR 11:00-12:20
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL,
 TCOMM

INTERN BUS,PRO COMM ENGL 487 R CR.
 PREREQ: SENIOR CLASSIF; PERMISSN OF COORDINATOR;
 9 CR IN 302,309,313,314,415 (PREFERRED),416, OR
 477
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9099005 A W 5:30-7:00PM

IND STDY LITERATURE ENGL 490A VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU LINGUISTICS ENGL 490B VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY RHETORIC ENGL 490C VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CRITICI LIT ENGL 490D VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY READING ENGL 490E VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CREATV WRIT ENGL 490F VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGLISH

IND STU BUS/TCH CMM ENGL 490G VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ENGL 490H VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JUNIOR CLASSIFICATION,
 PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
 MEMBERSHIP IN UNIV HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION. RESTRICTED TO STUDENTS
 IN THE UNIVERSITY HONORS PROGRAM ONLY.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACH LIT SECONDARY ENGL 494 3 CR.
 PREREQ: ENGL 310, 397, 9 OTHER CREDITS IN ENGLISH
 BEYOND 250, PSYCH 333, ADMISSION TO TEACHER EDUC
 PROG
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 3379005 A TR 2:10-3:30
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PROSEM:TCHNG COMPOS ENGL 500 3 CR.
 PREREQ: REQUIRED OF ALL NEW TEACHING ASSISTANTS
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3385005 A1 MW 11:00-12:20
 3385010 A2 MW 11:00-12:20
 3385015 A3 MW 11:00-12:20

WRIT&ANLY PRO DOCUM ENGL 507 3 CR.
 PREREQ: 6 CREDITS IN ENGLISH
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3391005 A T 6:00-9:00PM

WRIT PROPOSAL&GRANT ENGL 509 3 CR.
 PREREQ: 6 CREDITS IN ENGLISH COMPOSITION
 3393005 A M 6:00-9:00PM

INTR CPRS&APPL LING ENGL 510 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 5189005 A TR 9:30-10:50

INTR LINGUIST ANALY ENGL 511 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 3395005 A TR 11:00-12:20

2ND LANGUAGE ACQUIS ENGL 517 3 CR.
 PREREQ: 511 OR AN INTRO COURSE IN LINGUISTICS
 3400005 A TR 12:40-2:00

TESL METHDS&MATERLS ENGL 518 3 CR.
 PREREQ: 511 OR AN INTRO COURSE IN LINGUISTICS
 5190005 A TR 2:10-3:30

ENGLISH

LIT THRY & CRITICSM ENGL 522 3 CR.
 PREREQ: 6 CREDITS IN LITERATURE
 3405005 TR 12:40-2:00

OLD ENGL LANG & LIT ENGL 523 3 CR.
 PREREQ: COURSE IN MEDIEVAL LITERATURE OR HISTORY
 OR HISTORY OF THE ENGLISH LANGUAGE RECOMMENDED
 2098005 A TR 11:00-12:20

LITRACY:NONNATV SPK ENGL 524 3 CR.
 PREREQ: 511 OR INTRODUCTORY COURSE IN LINGUISTICS
 2211005 A M 6:00-9:00PM

TCH NONNATV LIS&SPK ENGL 525 3 CR.
 PREREQ: 511 OR INTRODUCTORY COURSE IN LINGUISTICS
 2230005 T 6:00-9:00PM

SPECIFIC PURPO ENGL ENGL 528 3 CR.
 PREREQ: 511 OR AN INTRO COURSE IN LINGUISTICS
 5193005 A W 6:00-9:00PM

TOPICS STUDY OF LIT ENGL 531 3 CR.
 PREREQ: 6 CREDITS IN LITERATURE
 4109005 T 6:00-9:00PM

GRAMMATICAL ANALYSI ENGL 537 3 CR.
 PREREQ: 219, 220, OR 511; JUNIOR CLASSIFICATION
 7992005 A TR 2:10-3:30

DRAMA ENGL 540 3 CR.
 PREREQ: 6 CREDITS IN LITERATURE
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3409005 A M 6:00-9:00PM

PROD PROC TEC DOCUM ENGL 542 3 CR.
 PREREQ: 302, 309, 313, OR 314; JR CLASSIFICATION
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 5394005 TR 12:40-2:00

HIST RHETO THEORY I ENGL 547 3 CR.
 PREREQ: 6 CREDITS IN ENGL
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 8392005 A W 5:10-7:40PM

CRTV WRIT:CRAFT&PRO ENGL 550 3 CR.
 PREREQ: ADMISSION INTO MFA PROGRAM IN CREATIVE
 WRITING AND ENVIRONMENT
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 8354005 A M 6:00-9:00PM

ADV IMAG WRT:NONFIC ENGL 555 3 CR.
 PREREQ: 550, GRAD CLASSIFICATION. OPEN TO GRAD
 STUDENTS OUTSIDE CREATIVE WRITING ONLY WITH INSTR
 PERMISSION.
 2244005 A TR 2:10-3:30
 SECTION A RESTRICTED TO GRADUATE

ENGLISH MAJORS
 2244010 B TR 2:10-3:30
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ENGLISH

STUDIES CREATV WRIT ENGL 557 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 9075005 A W 6:00-9:00PM
 SECTION A RESTRICTED TO GRADUATE ENGLISH MAJORS
 9075010 B W 6:00-9:00PM
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

CRTV WRT TCHG INTRN ENGL 559 1- 3 CR.
 PREREQ: PERMISSION OF PARTICIPATING INSTRUCTORS
 7431005 R 6:00-9:00PM

ENVIRON FIELD EXPER ENGL 560 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 8229005 A ARRANGED

VISUAL COMM PRO WRT ENGL 586 3 CR.
 PREREQ: A COURSE IN BUSINESS OR TECHNICAL COMM
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 7575005 A TR 12:40-2:00

INTERN BUS,PRO COMM ENGL 587 1- 3 CR.
 PREREQ: 507 PLUS 3 ADDITIONAL GRAD CR IN BUSINESS
 & TECHNICAL WRITING OR COMPOSITION & RHETORIC,
 INSTR PERMISSION. LIMITED TO MASTER'S AND DOCTORAL
 DEGREE CANDIDATES IN THE ENGL DEPT
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3425005 W 5:30-7:00PM

PRA TCH ENG 2ND LNG ENGL 588 3 CR.
 PREREQ: 15 CREDITS TOWARDS TESL/APPLIED
 LINGUISTICS MASTER'S DEGREE
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$61.50
 3426005 A ARRANGED

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

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

SPL TOP RHETOR&COMP ENGL 590C VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP RHE&PRO COMM ENGL 590E VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

ENGLISH

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

CREATIVE COMPONENT ENGL 599 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM ADV PEDG R&COMP ENGL 603 3 CR.
 PREREQ: 503 OR 504
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 2203005 W 6:00-9:00PM

RSRCH MTHD APP LING ENGL 623 3 CR.
 PREREQ: 511,517,518,519
 6692005 A R 6:00-9:00PM

CPTR-ASIST LANG TST ENGL 626 3 CR.
 PREREQ: 510,511,519
 7616005 MW 3:10-4:30

PRACTCM TEC &LINGUI ENGL 688 3 CR.
 PREREQ: 510, 626, OR EQUIV; 2ND YR PH.D. STUDENT
 7633005 ARRANGED

RESEARCH ENGL 699 VAR. CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

TECHNICAL LECTURE ENT 110 R CR.
 3440005 A R 2:10-3:00
 SECTION INFO:
<http://www.ent.iastate.edu/dept/courses>

INTRO TO INSECTS ENT 201 1 CR.
 5197010 W ARRANGED
 SECT W:AUG 24-SEPT 25
 DELIVERY IS WWW
 SECTION INFO:
<http://www.ent.iastate.edu/courses>
 SYLLABUS: <http://www.ent.iastate.edu/ent201>
 5197600 XW ARRANGED SHOUR M
 SECT XW:AUG 24-SEPT 25
 DELIVERY FEE OF \$73.00 IN ADDITION TO
 TUITION.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO: <http://www.ent.iastate.edu/dept/courses/>
 SYLLABUS: <http://www.ent.iastate.edu/ent201>

INSECTS AND SOCIETY ENT 211 2 CR.
 PREREQ: 201
 3441010 W ARRANGED
 SECT W:SEPT 28-DEC 18
 DELIVERY IS WWW
 SECTION INFO: <http://www.ent.iastate.edu/courses>
 SYLLABUS: <http://www.ent.iastate.edu/ent211>
 3441600 XW ARRANGED SHOUR M
 SECT XW:SEPT 29-DEC 19
 DELIVERY FEE OF \$73.00 IN ADDITION TO
 TUITION.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO: <http://www.ent.iastate.edu/dept/courses/>
 SYLLABUS: <http://www.ent.iastate.edu/ent211>

ENTOMOLOGY

INSECT BIOLOGY ENT 370 3 CR.

PREREQ: BIOL 101 OR 211
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3443005 A TR 11:00-11:50
 W 12:10-3:00
 SECTION INFO:
<http://www.ent.iastate.edu/dept/courses>
 SYLLABUS:
<http://www.ent.iastate.edu/dept/courses/ent370/>
 3443010 B TR 11:00-11:50
 W 3:10-6:00PM
 SECTION INFO:
<http://www.ent.iastate.edu/dept/courses>
 SYLLABUS:
<http://www.ent.iastate.edu/dept/courses/ent370/>
 3443015 C TR 11:00-11:50
 R 12:10-3:00
 SECTION INFO:
<http://www.ent.iastate.edu/dept/courses>
 SYLLABUS:
<http://www.ent.iastate.edu/dept/courses/ent370/>

INSECT VIRUS INTRCT ENT 410 3 CR.

PREREQ: INSTRUCTOR PERMISSION
 8420005 TR 9:30-10:50
 SECTION INFO:
<http://www.ent.iastate.edu/dept/courses/>

MOLEC BIOL PROTOZOA ENT 478 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1141005 TR 11:00-12:15 BEETHAM J

IND STU RESRCH/WORK ENT 490E 1- 3 CR.

PREREQ: 15 CR IN BIOL SCI, JR OR SR CLASSIF
 NO MORE THAN 6 CREDITS OF 490 MAY BE USED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LAB TEACHG ENT 490U 1- 3 CR.

PREREQ: 15 CR IN BIOL SCI, JR OR SR CLASSIF
 NO MORE THAN 6 CREDITS OF 490 MAY BE USED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INSECT VIRUS INTRCT ENT 510 3 CR.

PREREQ: INSTRUCTOR PERMISSION
 8428005 TR 9:30-10:50
 SECTION INFO:
<http://www.ent.iastate.edu/dept/courses/>

PLANT-INSCT INTERAC ENT 570 2 CR.

PREREQ: 370 OR 376
 3452005 WF 1:10-2:00
 SECTION INFO:
<http://www.ent.iastate.edu/dept/courses/>

SYSTEMATIC ENTOMOLG ENT 576 5 CR.

PREREQ: 370
 3457005 MWF 9:00-9:50
 T 12:10-3:00
 R 9:00-11:50
 SECTION INFO:
<http://www.ent.iastate.edu/dept/courses/>

ENTOMOLOGY

MOLEC BIOL PROTOZOA ENT 578 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
 1142005 TR 11:00-12:15 BEETHAM J

SP TOP BIOL CONTROL ENT 590A 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP CHEM ECOLOGY ENT 590B 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL&SYSTMAT ENT 590D 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH TOPCS ENT 590E 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEDICAL&VET ENT 590F 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC MOLECULAR ENT 590G 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHYSL&BIOCH ENT 590H 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TOXICOLOGY ENT 590I 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCHNG EXPER ENT 590K 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EXTENS INTRN ENT 590L 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IMMATUR INS ENT 590M 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POPUL GENET ENT 590N 1- 3 CR.

PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CR.

5345005 A M 4:10-5:00
 SECTION INFO:
<http://www.ent.iastate.edu/dept/courses>

ENVIRONMENTAL SCIENCE

ENTOMOLOGY

INSECTICIDE TOXICOL ENT 675 3 CR.
 PREREQ: 555 OR TOX 501
 3468005 MW 10:00-10:50
 F 10:00-1:00
 SECTION INFO:

<http://www.ent.iastate.edu/dept/courses/>

RESEARCH ENT 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL SCIENCE

ORIENT ENVIRNMT SCI ENSCI 110 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FRESHMAN CLASSIFICATION IN ENSCI
 6098005 1 T 12:40-2:00, ARRANGED
 SECT 1:1ST HALF
 SECTION 1 RESTRICTED TO ENSCA, ENSCS

MAJORS ONLY
 6098010 2 T 11:00-12:30
 ARRANGED
 SECT 2:1ST HALF

INTRO ENVIRNMT ISSU ENSCI 201 2 CR.
 6111005 1 TR 12:40-2:00
 ARRANGED
 SECT 1:2ND HALF
 SECTION 1 RESTRICTED TO ENSCA, ENSCS

MAJORS ONLY
 6111010 2 TR 12:40-2:00
 ARRANGED
 SECT 2:2ND HALF

ENVIRONMTL GEOGRPHY ENSCI 250 3 CR.
 6127005 1 MWF 10:00-10:50
 SECTION 1 RESTRICTED TO ENSCA, ENSCS

MAJORS ONLY
 6127010 2 MWF 10:00-10:50

APPRENTICESHIP ENSCI 290 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
 PERMISSION OF COORDINATOR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOREST ECOLGY&SOILS ENSCI 301 4 CR.
 PREREQ: BIOL 211, 201L; FOR 201 OR A 2ND COURSE
 IN BIOLOGY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$30.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4973005 A TR 8:00-9:20
 T 3:10-6:00PM

ECOLOGY ENSCI 312 4 CR.
 PREREQ: BIOL 211L AND 212L
 4996005 1 TR 8:00-9:15
 M 12:10-3:00
 4996010 2 TR 8:00-9:15
 M 3:10-6:00PM
 4996015 3 TR 8:00-9:15
 T 9:25-12:15
 4996020 4 TR 8:00-9:15
 T 12:15-3:00
 4996025 5 TR 8:00-9:15
 T 3:10-6:00PM
 4996030 6 TR 8:00-9:15
 W 12:10-3:00
 4996040 7 TR 8:00-9:15
 W 3:10-6:00PM

ECOLOGY ENSCI 312 4 CR.
 4996045 8 TR 8:00-9:15
 R 9:25-12:15
 4996050 9 TR 8:00-9:15
 R 12:15-3:00
 4996055 10 TR 8:00-9:15
 R 3:10-6:00PM

NAT RES PHOTGRM&GIS ENSCI 345 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3031005 A MW 8:00-8:50
 F 8:00-10:50

INTRO ENVIRNMTL SYS ENSCI 381 4 CR.
 PREREQ: BIOL 211 OR MICRO 201, CHEM 164, 165,
 167, 178 OR 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3293005 1 MWF 1:10-3:00
 SECTION 1 RESTRICTED TO ENSCA, ENSCS

MAJORS ONLY
 3293010 2 MWF 1:10-3:00

INTERNSHIP ENVI SCI ENSCI 390 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: APPROVAL OF ENVIRONMENTAL SCI COORDINATOR
 PERMISSION OF THE DEPARTMENT IS REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WATERSHED HYDROLOGY ENSCI 402 4 CR.
 PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3164005 1 MWF 12:10-1:00
 R 3:10-6:00PM

WORLD CLIMATES ENSCI 406 3 CR.
 PREREQ: AGRON/MTEOR 206
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2824005 MWF 10:00-10:50 ARRITT R

GIS &NAT RESRCE MGT ENSCI 408 3 CR.
 PREREQ: WORKING KNOWLEDGE OF CPTR & WINDOWS ENVIR
 3535005 R 2:10-4:00
 T 2:10-4:00

HYDROGEOLOGY ENSCI 411 4 CR.
 PREREQ: GEOL 100 OR 201; MATH 165 OR 181; PHYS
 111 OR 221
 FIELD TRIPS & TRAVEL FEE \$0.00-\$80.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5014005 A MWF 9:00-9:50
 R 1:10-3:00

STREAM ECOLOGY ENSCI 418 3 CR.
 PREREQ: 486
 FIELD TRIPS & TRAVEL FEE \$30.00
 5457005 TR 1:10-2:00
 T 2:10-5:00

ENVIRONMENTAL SCIENCE

ENVIRONMENTAL SCIENCE

ENVIRONMNTL GEOCHEM ENSCI 419 3 CR.
 PREREQ: 402 OR 411 OR EQUIVALENT
 MATERIALS FEE \$20.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5015005 MW 2:10-3:00
 F 10:00-11:50

GIS FOR GEOSCIENTST ENSCI 452 3 CR.
 PREREQ: GEOL 100, 201 OR EQUIVALENT
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3093005 TR 9:00-9:50
 TR 10:00-10:50

ENVIR SOIL&WTR CHEM ENSCI 459 4 CR.
 PREREQ: AGRON 354 OR ENSCI 360; CHEM 164, 165,
 OR 178; MATH 140. RECOMMEND CHEM 211 OR 231.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5017005 1 MWF 11:00-11:50 THOMPSON M
 T 3:10-6:00PM THOMPSON M

SURFICIAL PROCESSES ENSCI 479 3 CR.
 PREREQ: GEOL 100 OR 201 OR EQUIV EXPERIENCE
 FIELD TRIPS & TRAVEL FEE \$0.00-\$60.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5026005 1 MW 10:00-10:50
 F 1:10-3:00

ENGR ANALY BIOL SYS ENSCI 480 3 CR.
 PREREQ: A E 216; MATH 266; BIOL 211 OR 212;
 M E 330
 7086005 MW 10:00-10:50
 F 10:00-11:50

SOIL&ENVIR MICROBIO ENSCI 485 3 CR.
 PREREQ: 154 OR 402, MICRO 201; MICRO 203
 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2001005 1 TR 1:10-2:00 LOYNACHAN T
 W 12:10-3:00 LOYNACHAN T
 2001010 2 TR 1:10-2:00 LOYNACHAN T
 W 3:10-6:00PM LOYNACHAN T

AQUATIC ECOLOGY ENSCI 486 3 CR.
 PREREQ: BIOL 312 OR ENSCI 381 OR ENSCI 402 OR
 NREM 301
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5000005 TR 9:30-10:50

AQUATIC ECOLOGY LAB ENSCI 486L 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 486
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5012005 1 T 12:10-3:00
 5012010 2 T 3:10-6:00PM

INDEPENDENT STUDY ENSCI 490 VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, APPROVAL OF
 ENVIRONMENTAL SCIENCE COORDINATOR
 PERMISSION OF THE DEPARTMENT IS REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR TOPCS&CASE STU ENSCI 495 1- 3 CR.
 PREREQ: JUNIOR CLASSIF IN ENVIRONMENTAL SCIENCE,
 PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 2 CREDITS FALL 2009
 6937005 M 3:10-4:00
 W 3:10-6:00PM

WATERSHED HYDROLOGY ENSCI 502 4 CR.
 PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 4409005 MWF 12:10-1:00
 R 3:10-6:00PM

GIS&NAT RESOURC MGT ENSCI 508 3 CR.
 PREREQ: WORKING KNOWLEDGE OF CMPTRS & WINDOWS ENV
 4447005 R 2:10-4:00
 T 2:10-4:00

HYDROGEOLOGY ENSCI 511 4 CR.
 PREREQ: GEOL 100 OR 201, MATH 165 OR 181,
 PHYS 111 OR 221
 FIELD TRIPS & TRAVEL FEE \$0.00-\$80.00
 3129005 A MWF 9:00-9:50
 R 1:10-3:00

STREAM ECOLOGY ENSCI 518 3 CR.
 PREREQ: A ECL 410
 FIELD TRIPS & TRAVEL FEE \$30.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5029005 TR 1:10-2:00
 T 2:10-5:00

ENVIRONMNTL GEOCHEM ENSCI 519 3 CR.
 PREREQ: 511 OR EQUIVALENT
 MATERIALS FEE \$20.00
 3149005 MW 2:10-3:00
 F 10:00-11:50

ENVIRONMT ENGR CHEM ENSCI 520 3 CR.
 PREREQ: CHEM 177, 178, MATH 166
 4511005 1 WF 11:00-11:50
 R 3:10-6:00PM
 4511600 XE ARRANGED ONG S
 T 3:10-6:00PM
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDITION

TO TUITION. COURSE DELIVERY IS VIDEOSTREAMING.
 ONLINE REGISTRATION IS RESTRICTED TO
 DISTANCE STUDENTS. ALL OTHERS CONTACT EDE AT 515-294-
 7470 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

ENVIRON BIOTECHNOLG ENSCI 521 3 CR.
 PREREQ: C E 326
 4516005 1 T 9:00-10:50
 R 9:00-10:50
 SECTION INFO:
<http://www.public.iastate.edu/~tge/courses/ce521/homepage.html>
 4516600 XE ARRANGED ELLIS T
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS \$570.00 IN ADDITION

TO TUITION. COURSE DELIVERY IS VIDEOSTREAMING.
 ONLINE REGISTRATION IS RESTRICTED TO DISTANCE
 STUDENTS. ALL OTHERS CONTACT EDE AT 515-294-7470 FOR
 PERMISSION TO REGISTER.

ENVIRONMENTAL SCIENCE

ENVIRON BIOTECHNOLG ENSCI 521 3 CR.
SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING

SOIL&WTR CONSERV SY ENSCI 531 3 CR.
PREREQ: E M 378 OR CH E 356
4641005 MW 11:00-11:50
T 3:10-6:00PM

RESTORATION ECOLOGY ENSCI 535 3 CR.
PREREQ: BIOL 366 OR 474 OR GRADUATE STANDING
FIELD TRIPS & TRAVEL FEE \$30.00
6938005 WF 11:00-11:50
M 9:00-11:50
SECTION INFO:
<http://www.nrem.iastate.edu/teach/aec1535/>

GIS FOR GEOSCIENTST ENSCI 552 3 CR.
PREREQ: GEOL 100, 201 OR EQUIVALENT
3217005 TR 9:00-9:50
TR 10:00-10:50

SOIL-PLANT RELATION ENSCI 553 3 CR.
PREREQ: AGRON 354
6258005 MWF 9:00-9:50 KILLORN R

ENVIR SOIL&WTR CHEM ENSCI 559 4 CR.
PREREQ: AGRON 354 OR ENSCI 360; CHEM 164, 165, OR
178; MATH 140. RECOMMEND CHEM 211 OR 231.
7367010 1 MWF 11:00-11:50 THOMPSON M
T 3:10-6:00PM THOMPSON M

MODELI AQUATC ENVIR ENSCI 572 3 CR.
PREREQ: C E 571
4572005 1 MW 1:10-3:00

GRNDWATER HYDROLOGY ENSCI 573 3 CR.
PREREQ: C E 372
4573005 1 MWF 10:00-10:50

SURFICIAL PROCESSES ENSCI 579 3 CR.
PREREQ: GEOL 100, 201 OR EQUIVALENT
FIELD TRIPS & TRAVEL FEE \$0.00-\$60.00
3226005 1 MW 10:00-10:50
F 1:10-3:00

ENGR ANALY BIOL SYS ENSCI 580 3 CR.
PREREQ: 216; MATH 266, BIOL 211 OR 212; M E 330
7365005 MW 10:00-10:50
F 10:00-11:50

INTRO ENVIRN SYSTMS ENSCI 581 4 CR.
PREREQ: BIOL 212 OR MICRO 201, CHEM 164, 167 OR
178, MATH 160, 165 OR 181
2735005 1 MWF 1:10-3:00
PERMISSION OF COORDINATOR REQUIRED;
PROCESS APPROVED ADD SLIP IN 10
ALUMNI HALL

SOIL&ENVIR MICROBIO ENSCI 585 3 CR.
PREREQ: AGRON 485, ONE COURSE IN BIOCHEMISTRY
6407005 1 TR 1:10-2:00 LOYNACHAN T
W 12:10-3:00 LOYNACHAN T
6407010 2 TR 1:10-2:00 LOYNACHAN T
W 3:10-6:00PM LOYNACHAN T

ENVIRONMENTAL SCIENCE

AQUATIC ECOLOGY ENSCI 586 3 CR.
PREREQ: ENSCI 301 OR 312 OR 381 OR 402
5644005 TR 9:30-10:50

AQUATIC ECOLOGY LAB ENSCI 586L 1 CR.
PREREQ: CONCURRENT ENROLLMENT IN 586
5663005 1 T 12:10-3:00

PROCESS INSTRUCTOR PERMISSION REQUIRED;
APPROVED ADD SLIP IN 10 ALUMNI HALL
5663010 2 T 3:10-6:00PM
PROCESS INSTRUCTOR PERMISSION REQUIRED;
APPROVED ADD SLIP IN 10 ALUMNI HALL

SPECIAL TOPICS ENSCI 590 VAR. CR.
PREREQ: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
SCIENCE FACULTY
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENSCI 599 VAR. CR.
PREREQ: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
SCIENCE FACULTY
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ENSCI 699 VAR. CR.
***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL STUDIES

ENVIRONMNTL GEOLOGY ENV S 101 3 CR.
3418005 A MWF 10:00-10:50

INTRO OCEANOGRAPHY ENV S 108 3 CR.
3044005 TR 2:10-3:25

INTR RENEW RESOURCS ENV S 120 3 CR.
5141005 MWF 12:10-1:00

ENVIRONMNTL BIOLOGY ENV S 173 3 CR.
2022005 1 ARRANGED
DELIVERY IS WWW
SECTION INFO:
<http://project.bio.iastate.edu>

INTRO ENVIRNMT ISSU ENV S 201 2 CR.
2282005 1 TR 12:40-2:00
ARRANGED
SECT 1:2ND HALF
SECTION 1 RESTRICTED TO ENSCA, ENSCS

MAJORS ONLY
2282010 2 TR 12:40-2:00
ARRANGED
SECT 2:2ND HALF

ENVIRONMNTL GEOGRPHY ENV S 250 3 CR.
6155005 1 MWF 10:00-10:50
6155010 2 MWF 10:00-10:50

SOILS&ENVIR QUALITY ENV S 260 3 CR.
FIELD TRIPS & TRAVEL FEE \$10.00
5508005 1 MWF 9:00-9:50

ENVIRONMNTL PLANNING ENV S 293 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$20.00
7576005 TR 12:40-2:00

ENVIRONMENTAL STUDIES

ENVIRONMENTAL ETHICS ENV S 334 3 CR.
 PREREQ: THREE CREDITS IN PHIL OR JR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5142050 TR 2:10-3:25

WORLD FOOD ISSUES ENV S 342 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 PROFESSIONAL SUPPORT FEE \$0.00-\$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1733005 1 MWF 11:00-11:50 FORD C
 SECTION 1 RESTRICTED TO AGRON, DIETA,
 DIETH,
 FS A, FS H, NS A, NS H, PDEXA,
 PDEXH MAJORS ONLY
 1733010 2 MWF 1:10-2:00 FORD C
 1733600 XW ARRANGED FORD C
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE \$99.00 IN ADDITION TO
 TUITION.
 FOR PERMISSION TO ADD CONTACT LORI YOUNGBERG AT 515-
 294-7656 OR EMAIL LYOUNG@IASTATE.EDU
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
<http://agde.iastate.edu/computer.htm>

POPULATION & SOCIETY ENV S 345 3 CR.
 PREREQ: SOC 130 OR 134
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3462005 TR 12:40-2:00 MAZUR R

LIT AND THE ENVIRON ENV S 355 3 CR.
 PREREQ: ENGL 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5510005 A1 TR 11:00-12:20
 SECTION A1 RESTRICTED TO ENGL, TCOMM
 MAJORS ONLY
 5510010 A2 TR 11:00-12:20
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL, TCOMM

ENVIR & RESOURC ECON ENV S 380 3 CR.
 PREREQ: ECON 101
 7578005 1 TR 9:30-10:50
 SECTION INFO:
[http://www.econ.iastate.edu/programs
 /course/defaultcourseinfo.asp](http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp)

INTRO ENVIRNMTL SYS ENV S 381 4 CR.
 PREREQ: BIOL 211 OR MICRO 201, CHEM 164, 165,
 167, 178 OR 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2312005 1 MWF 1:10-3:00
 SECTION 1 RESTRICTED TO ENSCA, ENSCS
 MAJORS ONLY
 2312010 2 MWF 1:10-3:00

ENVIRONMENTL SOCIOL ENV S 382 3 CR.
 PREREQ: SOC 130, 134, OR 3 CREDITS OF ENV S
 7579005 A1 T 6:00-9:00PM KORSCHING P
 SECTION A1 RESTRICTED TO SOC, P S A
 MAJORS ONLY
 7579010 A2 T 6:00-9:00PM
 SECTION A2 FOR MAJORS OTHER THAN SOC, P S A

INTERNSH ENVIR STDI ENV S 390 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: APPROVAL OF THE ENV S COORDINATOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL STUDIES

SUSTNBL&ENVIR HORT ENV S 424 2 CR.
 5150005 MW 1:10-2:00

ISSUES SUSTAIN AGRI ENV S 450 3 CR.
 PROFESSIONAL SUPPORT FEE \$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 9429005 1 MWF 11:00-11:50 ZDORKOWSKI G
 9429010 2 MWF 2:10-3:00 ZDORKOWSKI G

INDEPENDENT STUDY ENV S 490 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR AND APPROVAL OF
 ENV S COORDINATOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAMILY & CONSUMER SCIENCES ED & STUDIES

LEARN CMUNTY SEMINR FCEDS 102 R CR.
 SATISFACTORY-FAIL ONLY.
 7957005 TR 4:10-5:00, 1ST HALF
 RESTRICTED TO TRANSFER STUDENTS IN
 COLLEGE OF
 HUMAN SCIENCES

PRO ROLES FAMLY SCI FCEDS 206 3 CR.
 MATERIALS FEE \$0.00-\$20.00
 3974005 A M 10:00-11:50
 W 10:00-11:50

ELECTRN LRN PORTFOL FCEDS 214 1 CR.
 SATISFACTORY-FAIL ONLY.
 8056005 1 ARRANGED

PRE-STDNT TEACH:LAB FCEDS 280A 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADMISSION TO TEACHER EDUCATION
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$8.00-\$16.00
 8797005 ARRANGED

PRE-STDT TCH:DV SET FCEDS 280B 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADMISSION TO TEACHER EDUCATION
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$8.00-\$16.00
 8799005 ARRANGED

EDU PRIN FAMILY SCI FCEDS 306 3 CR.
 PREREQ: 15 CREDITS IN FAMILY & CONSUMER SCIENCES
 SUBJECT MATTER; ENROLLMENT IN SP ED 450
 MATERIALS FEE \$0.00-\$20.00
 3982005 T 3:10-5:00
 R 3:10-5:00

SUPR TCHG VOC FAMLY FCEDS 417A 8 CR.
 PREREQ: 413, 24 CREDITS IN FAMILY & CONSUMER SCI
 SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO
 TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$164.00
 3987005 ARRANGED

FAMILY & CONSUMER SCIENCES ED & STUDIES

SUPV TCHG FAMLY SCI FCEDS 417B 3- 8 CR.

PREREQ: 413, 24 CREDITS IN FAMILY & CONSUMER SCI
SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO
TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
RESTRICTED TO STUDENTS WITH FULL ADMISSION
THE UNIVERSITY TEACHER EDUCATION PROGRAM
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$20.50-\$164.00
3988005 ARRANGED

SUPV EXP ED SERVICE FCEDS 418A 3- 8 CR.

PREREQ: 415, 24 CR IN FAMILY & CONSUMER SCI
2313005 ARRANGED

SUPV EXP FCS STUDIE FCEDS 418B 3- 8 CR.

PREREQ: 415, 24 CR IN FAMILY & CONSUMER SCI
2359005 1 ARRANGED
2359010 2 ARRANGED

IND STDY CURRICULUM FCEDS 490C VAR. CR.

PREREQ: DEPARTMENTAL APPROVAL
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY GENERAL FCEDS 490G VAR. CR.

PREREQ: DEPARTMENTAL APPROVAL
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FCEDS 490H VAR. CR.

PREREQ: DEPARTMENTAL APPROVAL, HONORS PROG MEMBER
***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HUMAN RELAT FCEDS 490N VAR. CR.

PREREQ: DEPARTMENTAL APPROVAL
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ADULT ED FCEDS 590A VAR. CR.

PREREQ: 6 CREDITS IN FCS OR EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ADMINIST FCEDS 590B VAR. CR.

PREREQ: 6 CREDITS IN FCS OR EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP CURRICULUM FCEDS 590C VAR. CR.

PREREQ: 6 CREDITS IN FCS OR EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP EVALUATION FCEDS 590D VAR. CR.

PREREQ: 6 CREDITS IN FCS OR EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RES METHDOL FCEDS 590H VAR. CR.

PREREQ: 6 CREDITS IN FCS OR EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INT'L EDUC FCEDS 590I VAR. CR.

PREREQ: 6 CREDITS IN FCS OR EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN RELAT FCEDS 590K VAR. CR.

PREREQ: 6 CREDITS IN FCS OR EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

FAMILY & CONSUMER SCIENCES ED & STUDIES

SPL TOP FAM LIFE ED FCEDS 590M VAR. CR.

PREREQ: 6 CREDITS IN FCS OR EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSUMER ED FCEDS 590R VAR. CR.

PREREQ: 6 CREDITS IN FCS OR EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT FCEDS 599 VAR. CR.

PREREQ: 9 GRAD CREDITS IN FCSED
***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS INT'L ED FCEDS 690I VAR. CR.

PREREQ: ENROLLMENT IN DOCTORAL PROGRAM,
PERMISSION OF INSTRUCTOR; APPROVAL OF DOGE
8916600 XA ARRANGED BOSSELMAN R
SECT XA:AUG 24-DEC 18
SECTION XA IS OFF CAMPUS.
DELIVERY IS INDEPENDENT STUDY

RESEARCH FCEDS 699 VAR. CR.

***** SEE DEPT FOR REFERENCE NUMBERS

FAMILY FINANCIAL PLANNING

INVESTG&FAMLY FUTUR FFP 583 3 CR.

PREREQ: HD FS 483
8208600 XF ARRANGED SWANSON P
SECT XF:AUG 24-DEC 18
FOR GRADUATE STUDENTS ONLY. CONTACT

KAREN SMIDT
FOR PERMISSION TO REGISTER AT 515-
294-5397 OR

KSMIDT@IASTATE.EDU.
DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
SECTION XF IS OFF CAMPUS.
DELIVERY IS WWW

8208605 XH ARRANGED SWANSON P
SECT XH:AUG 24-DEC 18

FOR GRADUATE STUDENTS ONLY. CONTACT
KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397
OR KSMIDT@IASTATE.EDU.

DEPARTMENT PERMISSION REQUIRED;
ADD SLIP IN 10 ALUMNI HALL
SECTION XH IS OFF CAMPUS.
DELIVERY IS WWW

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: ACCT 284, ECON 101, STAT 226
SEC A1,B1,ETC. RESTRICTED TO ACCT, BUS S, BUS U,
BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS.
NOT OPEN TO P BUS. SEC A2,B2,ETC. RESTRICTED TO
COLLEGES OTHER THAN BUSINESS.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN
3689005 A1 MW 3:40-5:00

CONCURRENT ENROLLMENT OR PRIOR CREDIT
IN OSCM 320 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370,
MKT 340 AND LSCM 360.

3689010 A2 MW 3:40-5:00
3689015 B1 TR 12:40-1:55

CONCURRENT ENROLLMENT OR PRIOR CREDIT
IN OSCM 320

IS RECOMMENDED FOR THIS ENROLLMENT
BLOCK. NEXT

SEMESTER ENROLLMENT BLOCK INCLUDES
MGMT 370,

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CR.
 MKT 340 AND LSCM 360.
 3689020 B2 TR 12:40-1:55
 3689025 C1 TR 2:10-3:25
 CONCURRENT ENROLLMENT OR PRIOR CREDIT
 IN OSCM 320
 IS RECOMMENDED FOR THIS ENROLLMENT
 BLOCK. NEXT
 SEMESTER ENROLLMENT BLOCK INCLUDES
 MGMT 370,
 MKT 340 AND LSCM 360.
 3689030 C2 TR 2:10-3:25
 3689035 D1 MWF 9:00-9:50
 CONCURRENT ENROLLMENT OR PRIOR CREDIT
 IN OSCM 320
 IS RECOMMENDED FOR THIS ENROLLMENT
 BLOCK. NEXT
 SEMESTER ENROLLMENT BLOCK INCLUDES
 MGMT 370,
 MKT 340 AND LSCM 360.
 3689040 D2 MWF 9:00-9:50
 3689045 E1 MWF 10:00-10:50
 CONCURRENT ENROLLMENT OR PRIOR CREDIT
 IN OSCM 320
 IS RECOMMENDED FOR THIS ENROLLMENT
 BLOCK. NEXT
 SEMESTER ENROLLMENT BLOCK INCLUDES
 MGMT 370,
 MKT 340 AND LSCM 360.
 3689050 E2 MWF 10:00-10:50
 3689055 F1 MWF 11:00-11:50
 CONCURRENT ENROLLMENT OR PRIOR CREDIT
 IN OSCM 320
 IS RECOMMENDED FOR THIS ENROLLMENT
 BLOCK. NEXT
 SEMESTER ENROLLMENT BLOCK INCLUDES
 MGMT 370,
 MKT 340 AND LSCM 360.
 3689060 F2 MWF 11:00-11:50
 3689065 G1 MWF 1:10-2:00
 CONCURRENT ENROLLMENT OR PRIOR CREDIT
 IN OSCM 320 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370,
 MKT 340 AND LSCM 360.
 3689070 G2 MWF 1:10-2:00

CORPORATE FINANCE FIN 310 3 CR.
 PREREQ: 301
 SEC A1,B1,ETC. RESTRICTED TO FIN MAJORS ONLY.
 SEC A2,B2,C2 RESTRICTED TO ACCT, BUS S, BUS U,
 LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3691005 A1 MWF 12:10-1:00
 3691010 A2 MWF 12:10-1:00
 3691015 B1 MWF 10:00-10:50
 3691020 B2 MWF 10:00-10:50
 3691025 C1 TR 3:40-5:00
 3691030 C2 TR 3:40-5:00
 3691035 D1 TR 2:10-3:25

INVESTMENTS FIN 320 3 CR.
 PREREQ: 301
 SECTNS A1,B1,C1 RESTRICTED TO FIN MAJORS ONLY.
 SECTIONS A2,B2,C2 RESTRICTED TO ACCT, BUS S, BUS
 U, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3692005 A1 MWF 9:00-9:50
 3692010 A2 MWF 9:00-9:50
 3692015 B1 MWF 10:00-10:50
 3692020 B2 MWF 10:00-10:50
 3692025 C1 TR 8:00-9:15
 3692030 C2 TR 8:00-9:15

FINANCE

FIXD INCOME SECURTI FIN 327 3 CR.
 PREREQ: 301, STAT 326
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8796005 A MW 3:40-5:00

FINAN MKTS&INSTITUT FIN 330 3 CR.
 PREREQ: 301
 COURSE RESTRICTED TO FIN MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6829005 A MWF 10:00-10:50
 6829010 B MWF 11:00-11:50
 6829015 C MWF 12:10-1:00

PERSNL RISK MGT&INS FIN 361 3 CR.
 PREREQ: ECON 101
 COURSE RESTRICTED TO FIN MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3693005 A TR 11:00-12:15

REAL ESTATE PRINCIP FIN 371 3 CR.
 PREREQ: ECON 101
 COURSE RESTRICTED TO FIN MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3690005 A T 6:00-9:00PM
 3690010 B W 6:00-9:00PM

BUS FINANCG DECISNS FIN 415 3 CR.
 PREREQ: 301, STAT 326
 COURSE RESTRICTED TO FIN MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3698005 A M 6:00-9:00PM
 3698010 B T 6:00-9:00PM

FIN FUTURES&OPTIONS FIN 424 3 CR.
 PREREQ: 320, STAT 326
 COURSE RESTRICTED TO FIN MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3697005 A TR 11:00-12:15

SECUR ANALY&PORTFOL FIN 425 3 CR.
 PREREQ: 320, STAT 326, PERMISSION OF INSTRUCTOR
 7201005 A TR 2:10-3:25
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV FIXD INCM ANALY FIN 428 3 CR.
 PREREQ: 427, 320, PERMISSION OF INSTRUCTOR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7492005 M 6:00-9:00PM

BANK MGT DECISIONS FIN 445 3 CR.
 PREREQ: STAT 326 AND FIN 330 OR ECON 353
 COURSE RESTRICTED TO FIN MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3696005 A T 6:00-9:00PM

FOOD SCIENCE & HUMAN NUTRITION

FINANCE

CORPOR RISK MGT&INS FIN 462 3 CR.
 PREREQ: 301, STAT 326
 COURSE RESTRICTED TO FINANCE MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 9268005 TR 9:30-10:45

REAL ESTATE FINANCE FIN 472 3 CR.
 PREREQ: 301, STAT 326
 COURSE NOT OPEN TO P BUS MAJORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 4555005 A W 5:10-8:00PM
 4555010 B R 5:10-8:00PM

INDEPENDENT STUDY FIN 490 1- 3 CR.
 PREREQ: 301, STAT 326, PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

BANKING INTERNSHIP FIN 499A 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 330,445; STAT 326; GPA 2.5; PERMISSION OF
 INTERNSHIP COORDINATOR
 9403005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

INSURANCE INTERNSHP FIN 499B 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 361; STAT 326; GPA 2.5; PERMISSION OF
 INTERNSHIP COORDINATOR
 9555005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

INTERNS REAL ESTATE FIN 499C 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 301 PLUS 3 ADDITIONAL CREDITS IN FINANCE;
 STAT 326; GPA 2.5; PERMISSN OF INTERNSHIP
 COORDINATOR
 3098005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV FINANCIAL MGT FIN 510 3 CR.
 PREREQ: 505
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3703005 T 6:00-9:30PM
 SEPT 1-NOV 17

FINANCL DERIVATIVES FIN 534 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3450005 A TR 2:10-3:25

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

FOOD & THE CONSUMER FS HN 101 3 CR.
 PREREQ: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
 3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
 3659005 MWF 11:00-11:50
 3659600 XW ARRANGED WILSON L
 SECT XW:AUG 24-DEC 18
 SEC XW HAS A DELIVERY FEE OF \$99.00

IN ADDITION
 TO TUITION
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

INTRO CULINRY SKLLS FS HN 104 1 CR.
 8416005 ARRANGED

PROFESSNL&EDUC PREP FS HN 110 1 CR.
 SATISFACTORY-FAIL ONLY.
 3661005 1 TR 2:10-3:00
 SECT 1:1ST HALF
 SECTION 1 RESTRICTED TO FRESHMEN ONLY
 3661010 2 TR 2:10-3:00
 SECT 2:1ST HALF
 SECTION 2 FOR TRANSFER STUDENTS ONLY

FUND OF FOOD PREPAR FS HN 111 3 CR.
 PREREQ: 101 OR 167; H.S. CHEMISTRY OR CHEM 160
 COURSE RESTRICTED TO HRI, FCEDS MAJORS ONLY
 MATERIALS AND EQUIPMENT USE FEE \$45.00
 3602005 1 MW 9:00-9:50
 M 1:10-4:00
 3602010 2 MW 9:00-9:50
 W 1:10-4:00

ORIEN LEARNING&TEAM FS HN 112 2 CR.
 PREREQ: 112
 1546005 A T 12:10-2:00
 1546010 B W 4:10-6:00PM

INTRO HUMAN NUTRITN FS HN 167 3 CR.
 PREREQ: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
 3600005 1 MWF 9:00-9:50
 3600600 XW ARRANGED MARTIN R
 SECT XW:AUG 24-DEC 18
 SEC XW HAS A DELIVERY FEE OF \$50.00

IN ADDITION
 TO TUITION
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

ISSU FOOD SCI&NUTRI FS HN 203 1 CR.
 8685005 1 M 12:10-1:00
 8685010 2 T 4:10-5:00
 8685015 3 F 3:10-4:00

SCIENTIF STUDY FOOD FS HN 214 5 CR.
 PREREQ: 167 OR 261; CHEM 231 OR 331
 MATERIALS AND EQUIPMENT USE FEE \$60.00
 3603005 1 MWF 1:10-2:00
 TR 9:00-11:50
 3603010 2 MWF 1:10-2:00
 TR 1:10-4:00
 3603015 3 MWF 1:10-2:00
 TR 9:00-11:50

FOOD SCIENCE & HUMAN NUTRITION

FOOD SCIENCE & HUMAN NUTRITION

COOPERATV EDUCATION FS HN 298 R CR.
 PREREQ: PERMSN OF DEPT CHAIR; SOPH CLASSIFICATION
 3551005 1 ARRANGED

FOOD CHEMISTRY FS HN 311 4 CR.
 PREREQ: 203, TSM 115, CHEM 231 & 231L OR 331 &
 331L; CR OR ENROLLMENT IN BBMB 301
 MATERIALS AND EQUIPMENT USE FEE \$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3669005 1 TR 12:40-2:00
 T 2:10-5:00
 3669010 2 TR 12:40-2:00
 R 2:10-5:00

FOUNDATNS DIETETIC FS HN 340 1 CR.
 SATISFACTORY-FAIL ONLY.
 COURSE RESTRICTED TO DIETA, DIETH, PDEXA, PDEXH
 JUNIORS AND SENIORS ONLY
 3610005 1 TR 12:10-1:00
 SECT 1:1ST HALF

WORLD FOOD ISSUES FS HN 342 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 PROFESSIONAL SUPPORT FEE \$0.00-\$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1923005 1 MWF 11:00-11:50 FORD C
 SECTION 1 RESTRICTED TO AGRON, DIETA,
 DIETH,
 FS A, FS H, NS A, NS H, PDEXA,
 PDEXH MAJORS ONLY
 1923010 2 MWF 1:10-2:00 FORD C
 1923600 XW ARRANGED FORD C
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE \$99.00 IN ADDITION TO
 TUITION.
 FOR PERMISSION TO ADD CONTACT LORI
 YOUNGBERG AT
 515-294-7656 OR EMAIL
 LYOUNG@IASTATE.EDU

SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
<http://agde.iastate.edu/computer.htm>

ADV HUMN NUTR&METAB FS HN 360 3 CR.
 PREREQ: 261, 3 CR BIOCHEM; RECOMMEND 3 CR PHYSIOL
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3607005 1 MWF 9:00-9:50

NUTRI&HEALTH ASESMT FS HN 361 2 CR.
 PREREQ: CR OR ENROLLMT IN 360; 3 CREDITS IN STAT
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$40.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3608005 1 T 1:10-2:00
 T 2:10-5:00
 3608010 2 T 1:10-2:00
 R 1:10-4:00

COOPERATV EDUCATION FS HN 398 R CR.
 PREREQ: PERMSN OF DEPT CHAIR; JUNIOR CLASSIFICATN
 3596005 1 ARRANGED

SENSORY EVALUA FOOD FS HN 406 3 CR.
 PREREQ: 214 OR 311 OR AN S 360; 3 CREDITS IN STAT
 MATERIALS AND EQUIPMENT USE FEE \$40.00
 3609005 1 MW 1:10-2:00
 R 10:00-12:50
 3609010 2 MW 1:10-2:00
 W 10:00-12:50

FOOD INGRED INTERAC FS HN 411 2 CR.
 PREREQ: 214 OR 311
 MATERIALS AND EQUIPMENT USE FEE \$45.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3613005 1 M 8:00-8:50
 T 2:10-5:00
 3613010 2 M 8:00-8:50
 R 2:10-5:00
 3613015 3 M 8:00-8:50
 F 9:00-11:50

FOOD MICROBIOLOGY FS HN 420 3 CR.
 PREREQ: MICRO 201 OR 302
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3670005 MWF 10:00-10:50

FOOD MICROBIOL LAB FS HN 421 3 CR.
 PREREQ: MICRO 201 OR 302; MICRO 201L OR 302L;
 CREDIT OR ENROLLMENT IN MICRO 420, FS HN 203
 MATERIALS AND EQUIPMENT USE FEE \$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7208005 1 MWF 2:10-4:00

DIETETICS MANAGEMNT FS HN 441 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FOR STUDENTS ENROLLED IN THE DIETETIC
 INTERNSHIP PROGRAM
 4314005 ARRANGED
 4314600 XV ARRANGED ANDERSON J
 SECT XV:JULY 30-NOV 27
 CONTACT JEAN ANDERSON FOR PERMISSION
 TO REGISTER

AT 515-294-7316 OR
 JANDERSO@IASTATE.EDU. THIS COURSE
 HAS A DELIVERY FEE OF \$300.00 IN
 ADDITION TO TUITION.
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XV IS OFF CAMPUS.
 DELIVERY IS WWW

MEDICAL DIETETCS II FS HN 443 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CONCURRENT ENROLLMNT IN 442. FOR STUDENTS
 ENROLLED IN THE DIETETIC INTERNSHIP PROGRAM.
 4594005 ARRANGED

EXPER COMMUNTY DIET FS HN 445 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FOR STUDENTS ENROLLED IN THE DIETETIC
 INTERNSHIP PROGRAM
 4331005 ARRANGED
 4331600 XV ARRANGED ANDERSON J
 SECT XV:JULY 31-NOV 29
 CONTACT JEAN ANDERSON FOR PERMISSION
 TO REGISTER AT 515-294-7316 OR JANDERSO@IASTATE.EDU.
 SECTION XV HAS A DELIVERY FEE OF \$50.00 IN ADDITION TO
 TUITION.
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XV IS OFF CAMPUS.
 DELIVERY IS WWW

DIETETICS EXPERIENC FS HN 446 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FOR STUDENTS ENROLLED IN DIETETIC INTERN
 6633600 XV ARRANGED ANDERSON J
 SECT XV:JULY 31-NOV 27
 CONTACT JEAN ANDERSON FOR PERMISSION
 TO REGISTER AT 515-294-7316 OR JANDERSO@IASTATE.EDU.
 SECTION XV HAS A DELIVERY FEE OF \$50.00 IN ADDITION TO
 TUITION.

FOOD SCIENCE & HUMAN NUTRITION

FOOD SCIENCE & HUMAN NUTRITION

DEPARTMENT PERMISSION REQUIRED;
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XV IS OFF CAMPUS.
 DELIVERY IS WWW

NUTR COUNS&ED METHD FS HN 466 3 CR.
 PREREQ: 362
 3616005 1 MW 9:00-10:50
 3616600 XW ARRANGED BASSLER E
 SECT XW:AUG 24-DEC 18
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

MED NUTRI&DISEASE I FS HN 461 4 CR.
 PREREQ: 360, 361, 3 CREDITS IN PHYSIOLOGY AT
 300 LEVEL OR ABOVE
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$25.00
 3623005 1 TR 10:00-11:50

FOOD PROCESSING FS HN 471 3 CR.
 PREREQ: MICRO 201 OR 302; CHEM 163; PHYS 106
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3665005 MWF 9:00-9:50

MED NUTRI I GASTROI FS HN 461B 1 CR.
 7939600 XW ARRANGED ST G
 SECT XW:AUG 24-DEC 18
 THERE IS A DELIVERY FEE OF \$20.00 IN
 ADDITION TO TUITION. RESTRICTED TO DISTANCE
 UNDERGRADS ONLY.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

FOOD PROCESSING LAB FS HN 472 2 CR.
 PREREQ: 351, CREDIT OR ENROLLMENT IN 471
 MATERIALS AND EQUIPMENT USE FEE \$50.00
 3666005 1 R 9:00-9:50
 T 9:00-11:50

MED NUTRI I DIABETE FS HN 461C 1 CR.
 7940600 XW ARRANGED ST G
 SECT XW:AUG 24-DEC 18
 THERE IS A DELIVERY FEE OF \$20.00 IN
 ADDITION TO TUITION. RESTRICTED TO DISTANCE
 UNDERGRADS ONLY.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

PRO COMM FD SC&NUTR FS HN 480 1 CR.
 PREREQ: 203, SENIOR CLASSIFICATN IN THE DEPARTMT
 3611005 1 MW 11:00-11:50
 SECT 1:1ST HALF
 3611010 2 WF 12:10-1:00
 SECT 2:1ST HALF
 3611015 3 WF 12:10-1:00
 SECT 3:2ND HALF

MED NUTRI I CARDIAC FS HN 461D 1 CR.
 7941600 XW ARRANGED ST G
 SECT XW:AUG 24-DEC 18
 THERE IS A DELIVERY FEE OF \$20.00 IN
 ADDITION TO TUITION. RESTRICTED TO DISTANCE
 UNDERGRADS ONLY.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

IND STUDY DIETETICS FS HN 490A 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY NUTRITION FS HN 463 3 CR.
 PREREQ: 362
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3614005 1 TR 12:40-2:00

INDEP STDY FOOD SCI FS HN 490B 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

MED NUTRIT II RENAL FS HN 464A 1 CR.
 7946600 XW ARRANGED ST G
 SECT XW:AUG 24-DEC 18
 THERE IS A DELIVERY FEE OF \$20.00 IN
 ADDITION TO TUITION. RESTRICTED TO DISTANCE UNDERGRADS
 ONLY.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

IND STUDY NUTRITION FS HN 490C 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

MED NUTR II HYPMETB FS HN 464B 1 CR.
 7960600 XW ARRANGED ST G
 SECT XW:AUG 24-DEC 18
 THERE IS A DELIVERY FEE OF \$20.00 IN
 ADDITION TO TUITION. RESTRICTED TO DISTANCE UNDERGRADS
 ONLY.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

IND STUDY INT'L EXP FS HN 490D 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

MED NUTR II LIFESPN FS HN 464C 1 CR.
 7965600 XW ARRANGED ST G
 SECT XW:AUG 24-DEC 18
 SEC XW HAS DELIVERY FEE OF \$20.00 IN
 ADDITION TO TUITION. RESTRICTED TO DISTANCE UNDERGRADS
 ONLY.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

INDEP STUDY HONORS FS HN 490H 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK DIETETICS FS HN 491A 1- 4 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 NO MORE THAN 3 CREDITS OF FS HN 491A,B,C MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION

SUPRV WORK FOOD SCI FS HN 491B 1- 4 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 NO MORE THAN 3 CREDITS OF FS HN 491A,B,C MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C 1- 4 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 NO MORE THAN 3 CREDITS OF FS HN 491A,B,C MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK CULINARY FS HN 491D 1- 4 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CNCEPTS NUTRI FS HN 492 2 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION
 8460005 1 MW 2:10-3:00

COOPERATV EDUCATION FS HN 498 R CR.
 PREREQ: PERMSN OF DEPT CHAIR; SENIOR CLASSIFICATN
 3601005 1 ARRANGED

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

SHORT COURS FOOD SC FS HN 505 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7916005 ARRANGED, SEPT 10-11

SENSORY EVALUA FOOD FS HN 506 3 CR.
 PREREQ: 214 OR 311 OR AN S 360; 3 CREDITS IN STAT
 MATERIALS AND EQUIPMENT USE FEE \$40.00
 6209005 1 MW 1:10-2:00
 R 10:00-12:50
 6209010 2 MW 1:10-2:00
 W 10:00-12:50

INTRO DNA TECHNIQS FS HN 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7123005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:AUG 25-SEPT 24

INTRO CELL TECHNIQS FS HN 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7130005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:NOV 3-DEC 10

FOOD SCIENCE & HUMAN NUTRITION

INTR PROTEOMCS TCNQ FS HN 542E 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7225005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:SEPT 29-OCT 29

MEDICAL DIETETCS II FS HN 543 3 CR.
 PREREQ: FOR STUDENTS ENROLLED IN THE DIETETIC
 INTERNSHIP PROGRAM
 5284005 ARRANGED

NUTR COUNS&ED METHD FS HN 566 3 CR.
 PREREQ: GRAD STUDENT STATUS
 2223005 1 MW 9:00-10:50
 ARRANGED
 2223600 XW ARRANGED BASSLER E
 SECT XW:AUG 24-DEC 18
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WW

FOOD PROCESSING LAB FS HN 572 2 CR.
 PREREQ: 503 OR EQUIVALENT
 MATERIALS AND EQUIPMENT USE FEE \$50.00
 5600005 1 R 9:00-9:50
 T 9:00-11:50

PROCESSED FOODS FS HN 575 3 CR.
 PREREQ: 214 OR 311; A COURSE IN NUTRITION
 3642005 1 TR 3:40-5:00

ORIENT FS HN RESRCH FS HN 580 1 CR.
 SATISFACTORY-FAIL ONLY.
 6294005 1 W 3:10-4:00

SPCL TOPICS NUTRITN FS HN 590A 1- 3 CR.
 PREREQ: INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

CREATIVE COMPONENT FS HN 599 VAR. CR.
 3213005 ARRANGED
 3213045 MT ARRANGED

INSTRU MEAS FD QUAL FS HN 606 3 CR.
 PREREQ: 311 OR 411 OR 502 OR BBMB 404
 MATERIALS AND EQUIPMENT USE FEE \$40.00
 3649005 1 MF 3:10-4:00
 T 1:10-4:00

FOOD PROTEINS FS HN 613 3 CR.
 PREREQ: 311 OR 411 OR 502 OR BBMB 404
 3651005 1 MWF 10:00-10:50

FOOD SCIENCE & HUMAN NUTRITION

SEMINAR FS HN 681 1 CR.
3648005 1 W 4:10-5:00

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

GRANT PROPOSAL WRIT FS HN 695 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 3 CREDITS OF GRADUATE COURSE WORK IN
FOOD SCIENCE AND/OR NUTRITION
1274005 1 M 12:10-1:00

RESRCH FOOD SCI&TEC FS HN 699 VAR. CR.
SATISFACTORY-FAIL ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

FOREST BIOLOGY FOR 201 2 CR.
PREREQ: CONCURRENT ENROLMT IN 202,203,204,205,206
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3709005 A MWF 9:00-9:50
MEETS 12 WEEKS

WOOD UTILIZATION FOR 202 2 CR.
PREREQ: CONCURRENT ENROLMT IN 201,203,204,205,206
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3710005 A MWF 11:00-11:50
MEETS 12 WEEKS

RESOURC MEASUR/EVAL FOR 203 2 CR.
PREREQ: CONCURRENT ENROLLMENT IN 201,202,204,
205, AND 206; MATH 140
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3711005 A WF 2:10-3:00
M 2:10-4:00
MEETS 12 WEEKS

F ECOSYS DECISN MAK FOR 204 2 CR.
PREREQ: CONCURRENT ENROLMT IN 201,202,203,205,206
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3712005 A MWF 10:00-10:50
MEETS 12 WEEKS

INTEGR FORESTRY LAB FOR 205 3 CR.
PREREQ: CONCURRENT ENROLMT IN 201,202,203,204,206
FIELD TRIPS & TRAVEL FEE \$40.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9556005 A R 9:00-5:00
MEETS 12 WEEKS

FALL FORESTRY CAMP FOR 206 4 CR.
PREREQ: CONCURRENT ENROLMT IN 201,202,203,204,205
MATERIALS AND FIELD TRIPS & TRAVEL FEE
\$700.00-\$850.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9557005 A ARRANGED

FORESTRY

SPL PROB LEADERSHIP FOR 290A 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7928005 ARRANGED

SPL PROB ECOSYS MGT FOR 290B 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7929005 ARRANGED

SPL PRB RESRC CNSRV FOR 290C 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7930005 ARRANGED

SPL PROB URB&COMMUN FOR 290D 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7931005 ARRANGED

SPL PROB WOOD SCIEN FOR 290E 1- 4 CR.
PREREQ: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
7932005 ARRANGED

DENDROLOGY FOR 356 4 CR.
PREREQ: BIOL 211
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3714010 1 TR 11:00-11:50
TR 12:10-2:00
3714015 2 TR 11:00-11:50
TR 3:10-5:00

ECOSYSTEM MANAGEMNT FOR 452 3 CR.
PREREQ: JUNIOR CLASSIFICATION, NREM 301 OR
A ECL 312
FIELD TRIPS & TRAVEL FEE \$10.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3732010 A MW 1:10-2:00
F 11:00-2:00

URBAN FORESTRY FOR 475 3 CR.
PREREQ: JR OR SR CLASSIFICATION, 3 CR IN BIOLOGY
FIELD TRIPS & TRAVEL FEE \$18.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5125005 A TR 10:00-10:50
R 3:10-6:00PM

WOOD ANAT&FIBR ANLY FOR 480 3 CR.
PREREQ: 280 OR PERMISSION OF INSTRUCTOR
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2881005 MW 8:00-8:50
T 3:10-6:00PM

WOOD DETERI &PRESRV FOR 483 3 CR.
PREREQ: FOR 280
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3736005 WF 3:10-4:00
R 2:10-5:00

CR COMP FOR BIOLOGY FOR 599A 1-12 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

CR COMP FOR BIOMTRY FOR 599B 1-12 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FO&REC ECON FOR 599C 1-12 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGT&ADM FOR 599D 1-12 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO WOOD SCI FOR 599E 1-12 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR FOR 696 1 CR.
 SATISFACTORY-FAIL ONLY.
 8834005 W 4:10-5:30

FOREST BIOLGY RSRCH FOR 699A 1-12 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RESRCH FOR 699B 1-12 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&ADMIN RSRCH FOR 699D 1-12 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RESRCH FOR 699E 1-12 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 1-12 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTARY FRENCH I FRNCH 101 4 CR.
 STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS
 OF HIGH SCHOOL FRENCH MAY NOT ENROLL IN 101.
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 3803005 1 MTWF 9:00-9:50
 3803010 2 MTWF 10:00-10:50
 3803020 3 MTWF 11:00-11:50
 3803025 4 MTWF 1:10-2:00
 3803030 5 MTWF 12:10-1:00

FRENCH

INTERMED FRENCH I FRNCH 201 4 CR.
 PREREQ: 102
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3808005 1 MTWF 10:00-10:50
 3808010 2 MTWF 1:10-2:00
 3808015 3 MTWF 2:10-3:00

READ&WRITING FRENCH FRNCH 301 3 CR.
 PREREQ: 202. CONCURRENT ENROLLMENT IN 305 AND/OR
 310 IS ENCOURAGED.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 3811005 1 TR 11:00-12:20
 3811010 2 MWF 12:10-1:00
 3811015 3 MWF 11:00-11:50

PRONUNCIAT&PHONETCS FRNCH 310 1 CR.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 301
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 6201005 1 M 10:00-10:50

FRANCE TODAY FRNCH 320 3 CR.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 301
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 2907005 1 MWF 1:10-2:00

STUDIES FR ART&FILM FRNCH 326 3 CR.
 PREREQ: 302
 6544005 1 MW 3:10-5:00

FR FILM STU IN ENGL FRNCH 378 3 CR.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 6267005 1 M 6:00-9:00PM

FND FRENCH CIVILIZA FRNCH 471 3- 4 CR.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3814005 1 MWF 11:00-11:50
 SECTION 1 OFFERED FOR 3 CREDITS
 3814010 2 MWF 11:00-11:50
 ARRANGED
 SECTION 2 OFFERED FOR 4 CREDITS

INDEPENDENT STUDY FRNCH 490 1- 6 CR.
 PREREQ: PERMISSION OF FRENCH STAFF AND DEPT CHAIR
 NO MORE THAN 9 CREDITS IN FRNCH 490 MAY BE
 APPLIED TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH INTERNSHIP FRNCH 499 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS OF FRENCH AT THE 300 LEVEL;
 PERMISSION OF ADVISOR AND WLC INTERNSHIP COORD.
 WORK
 EXPERIENCE USING FRNCH LANG SKILLS IN
 PUBLIC/PRIVATE
 SECTOR, COMBINED W/ ACAD WK UNDER FACULTY
 SUPERVISN
 CREDIT IN FRNCH 499 MAY ONLY APPLY TOWARD
 GRADUATION IN THE LCP MAJOR. NO MORE THAN 3
 CREDITS
 IN FRNCH 499 MAY BE APPLIED TOWARD GRADUATION IN
 THE MAJOR.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENETICS

GENETICS ORIENTATN GEN 110 1 CR.
 SATISFACTORY-FAIL ONLY.
 3828005 A R 1:10-2:00
 SECT A:1ST HALF

COOPERATIVE EDUCATN GEN 298 R CR.
 PREREQ: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; SOPHOMORE CLASSIFICATION
 4225005 ARRANGED

BIOTEC AG,FOOD,HLTH GEN 308 3 CR.
 PREREQ: BIOL 211 AND 212
 5280005 ARRANGED
 DELIVERY IS WWW
 SECTION INFO:
<http://project.bio.iastate.edu>

PRINCIP OF GENETICS GEN 313 3 CR.
 PREREQ: BIOL 211L & 212L, CREDIT OR ENROLLMENT
 IN ORGANIC CHEMISTRY
 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 8:00-8:50

GENETICS LABORATORY GEN 313L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 313
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 9560005 1 MW 1:10-2:30
 9560010 2 MW 2:40-4:00
 9560015 3 MW 5:10-6:30PM
 9560020 4 MW 6:30-7:50PM
 9560025 5 TR 9:00-10:20
 9560030 6 TR 10:30-11:50
 9560035 7 TR 1:10-2:30
 9560040 8 TR 2:40-4:00
 9560045 9 TR 5:10-6:30PM
 9560050 10 TR 6:40-8:00PM

GENET,AGRI&BIOTECHN GEN 320 3 CR.
 PREREQ: GEN 320 OR BIOL 313
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 3539005 TR 11:00-12:15 LEE M

COOPERATIVE EDUCATN GEN 398 R CR.
 PREREQ: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; JUNIOR CLASSIFICATION
 4262005 ARRANGED

MOLECULAR GENETICS GEN 409 3 CR.
 PREREQ: BIOL 314
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3832005 A MWF 10:00-10:50

INTRO BIOINFORMATCS GEN 444 4 CR.
 PREREQ: MATH 165 OR STAT 401 OR EQUIVALENT
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8546005 MWF 10:00-10:50
 R 1:10-3:00

GENETICS

GENETICS RESEARCH GEN 490R 1- 5 CR.
 PREREQ: GEN/BIOL 313, JR/SR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 AG COLLEGE STUDENTS MAY APPLY NO MORE THAN
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128
 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS
 COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490
 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ATTEND&CRITIQ SEMNR GEN 490S 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GEN/BIOL 313, JR/SR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 AG COLLEGE STUDENTS MAY APPLY NO MORE THAN
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128
 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS
 COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490
 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAB TCHG EXPERIENCE GEN 490U 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GEN/BIOL 313, JR/SR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 AG COLLEGE STUDENTS MAY APPLY NO MORE THAN
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128
 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS
 COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490
 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEN 491 1 CR.
 PREREQ: JUNIOR CLASSIFICATION
 3837005 A W 3:10-4:00

COOPERATIVE EDUC GEN 498 R CR.
 PREREQ: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; SENIOR CLASSIFICATION
 4281005 ARRANGED

GENETICS - INTERDISCIPLINARY

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

STUDNT RSRCH SEMINR GENET 690 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 9682005 1 W 3:10-4:00
 9682010 2 W 12:10-1:00

FACULT RSRCH SEMINR GENET 691 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 9314005 M 12:10-1:00

CONCEPTUL FOUNDA GN GENET 692 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 9315005 W 12:10-1:00

GRAD RESEARCH ROTAT GENET 697 VAR. CR.
 9316005 CB ARRANGED

GENETICS - INTERDISCIPLINARY

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

GENETICS, DEVELOPMENT & CELL BIOL

BIOTEC AG,FOOD,HLTH GDCB 508 3 CR.
 PREREQ: BIOL 211 AND 212
 5342005 ARRANGED
 DELIVERY IS WWW

TRANSMISSN GENETICS GDCB 510 3 CR.
 PREREQ: GEN 410 OR GRADUATE STANDING
 2908005 A TR 11:00-12:30

PLANT METABOLISM GDCB 513 2 CR.
 PREREQ: BIO 330, PHYS 111, CHEM 331; ONE SEMESTER
 OF BIOCHEMISTRY RECOMMENDED
 2115005 1 TR 12:40-1:30

PLANT CELL BIOLOGY GDCB 529 2 CR.
 PREREQ: BIOL 313, 314, 330 OR BBMB 405
 2118005 M 4:10-5:50

POPULATN GENET STAT GDCB 536 3 CR.
 PREREQ: STAT 401, 447; GEN 320 OR BIOL 313
 5783005 TR 3:40-5:00

INTRO DNA TECHNIQS GDCB 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7089005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:AUG 25-SEPT 24

INTRO CELL TECHNIQS GDCB 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7096005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:NOV 3-DEC 10

INTR PROTEOMCS TCNQ GDCB 542E 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7212005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:SEPT 29-OCT 29

INTRO BIOINFORMATCS GDCB 544 4 CR.
 PREREQ: MATH 165 OR STAT 401 OR EQUIVALENT
 8556005 MWF 10:00-10:50
 R 1:10-3:00

CELL,M&DEV NEUROSCI GDCB 556 3- 4 CR.
 PREREQ: BIOL 335 OR 436; PHYSICS RECOMMENDED
 MATERIALS FEE \$0.00-\$65.00
 3872015 A TR 2:10-3:30
 SECTION A OFFERED FOR 3 CREDITS
 3872020 B TR 2:10-3:30, ARRANGED
 SECTION B OFFERED FOR 4 CREDITS
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

GENETICS, DEVELOPMENT & CELL BIOL

SPECIAL TOPICS GDCB 590 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIGHT MICROSCOPY GDCB 679 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2149005 W 12:10-1:00
 F 8:00-8:50
 W 1:10-4:00
 F 9:00-10:50
 F 12:10-4:00

CEL,MOL&DEV BIO SEM GDCB 690A 1 CR.
 SATISFACTORY-FAIL ONLY.
 7142005 ARRANGED

NEUROBIOLOGY SEMINR GDCB 690C 1 CR.
 SATISFACTORY-FAIL ONLY.
 7144005 ARRANGED

PHYSIOLOGY SEMINAR GDCB 690D 1 CR.
 SATISFACTORY-FAIL ONLY.
 7145005 1 ARRANGED
 7145010 2 W 4:10-5:00

EVOLUTION SEMINAR GDCB 690E 1 CR.
 SATISFACTORY-FAIL ONLY.
 7146005 ARRANGED

SEM BIOINFRMT&COMPU GDCB 690H 1 CR.
 SATISFACTORY-FAIL ONLY.
 5652005 ARRANGED

FACULT SEM BIOINFRM GDCB 691H 1 CR.
 4705005 F 2:10-3:00

RESEARCH SEMINAR GDCB 696 1 CR.
 SATISFACTORY-FAIL ONLY.
 8832005 W 4:10-5:30

SEMN MOLEC,C,DV BIO GDCB 698 1- 2 CR.
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 3856005 1 M 3:10-4:00

RESEARCH GDCB 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

THE EARTH GEOL 100 3 CR.
 3870005 A MWF 11:00-11:50
 3870010 B MWF 1:10-2:00

THE EARTH: LAB GEOL 100L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 100
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00
 7595005 1 T 10:00-11:50
 7595010 2 T 1:10-3:00
 7595015 3 R 1:10-3:00
 7595020 4 R 3:10-5:00
 7595025 5 W 7:00-9:00PM

GEOLOGY

ENVIRONMNTL GEOLOGY GEOL 101 3 CR.
 7596005 A MWF 10:00-10:50

GEMS AND GEMSTONES GEOL 105X 1 CR.
 8854005 TR 9:30-10:20

INTRO OCEANOGRAPHY GEOL 108 3 CR.
 5022005 TR 2:10-3:25

EXPLOR IOWA GEOLOGY GEOL 109X 1 CR.
 FIELD TRIPS & TRAVEL FEE \$35.00-\$100.00
 8915005 R 12:10-1:00

GEOL--ENGRS&ENV SCI GEOL 201 3 CR.
 MATERIALS FEE \$20.00
 8965005 1 TR 2:10-3:00
 W 1:10-3:00
 8965010 2 TR 2:10-3:00
 R 10:00-11:50
 8965015 3 TR 2:10-3:00
 T 7:00-9:00PM
 8965020 4 TR 2:10-3:00
 T 8:00-9:50
 8965025 5 TR 2:10-3:00
 W 10:00-11:50
 8965030 6 TR 2:10-3:00
 W 3:10-5:00

INDEPENDENT STUDY GEOL 290 2- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC GEOL 298 R CR.
 PREREQ: 100 OR 201, 100L, 102, 102L, PERMISSION
 OF DEPT COOP EDUC COORDINATOR; SOPH
 CLASSIFICATION
 4828005 ARRANGED

MINERALGY&EARTH MAT GEOL 311 5 CR.
 PREREQ: 100 OR 201, CHEM 163
 MATERIALS FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3876005 MWF 3:10-4:00
 T 2:10-5:00
 R 2:10-5:00

STRATIG&SEDIMENTATN GEOL 368 4 CR.
 PREREQ: 311
 FIELD TRIPS & TRAVEL FEE \$0.00-\$80.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3782005 1 MWF 8:00-8:50
 F 10:00-11:50

COOPERATIVE EDUC GEOL 398 R CR.
 PREREQ: 100 OR 201, 100L, 102, 102L, PERMISSION
 OF DEPT COOP EDUC COORDINATOR; JUNIOR
 CLASSIFICATION
 4829005 ARRANGED

WATERSHED HYDROLOGY GEOL 402 4 CR.
 PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4770005 1 MWF 12:10-1:00
 R 3:10-6:00PM

GEOLOGY

HYDROGEOLOGY GEOL 411 4 CR.
 PREREQ: 100 OR 201; MATH 165 OR 181; PHYS 111
 OR 221
 FIELD TRIPS & TRAVEL FEE \$0.00-\$80.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3118005 A MWF 9:00-9:50
 R 1:10-3:00

ENVIRONMNTL GEOCHEM GEOL 419 3 CR.
 PREREQ: 402 OR 411 OR EQUIVALENT
 MATERIALS FEE \$20.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2314005 MW 2:10-3:00
 F 10:00-11:50

GIS FOR GEOSCIENTST GEOL 452 3 CR.
 PREREQ: 100, 201 OR EQUIVALENT
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3092005 TR 9:00-9:50
 TR 10:00-10:50

SURFICIAL PROCESSES GEOL 479 3 CR.
 PREREQ: 100 OR 201 OR EQUIVALENT EXPERIENCE
 FIELD TRIPS & TRAVEL FEE \$0.00-\$60.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8804005 1 MW 10:00-10:50
 F 1:10-3:00

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

UNDERGRAD SEMINAR GEOL 495 1 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION
 8231005 F 3:30-5:30

COOPERATIVE EDUCATN GEOL 498 R CR.
 PREREQ: GEOL 100 OR 201, 100L, 102, 102L, PERMISN
 OF DEPT COOP EDUC COORDINATOR; SENIOR
 CLASSIFICATION
 4830005 ARRANGED

WATERSHED HYDROLOGY GEOL 502 4 CR.
 PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 6286005 MWF 12:10-1:00
 R 3:10-6:00PM

MIDWST GEO FLD TRIP GEOL 507 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 365
 FIELD TRIPS & TRAVEL FEE \$0.00-\$150.00
 3897005 ARRANGED

HYDROGEOLOGY GEOL 511 4 CR.
 PREREQ: 100 OR 201, MATH 165 OR 181, PHYS 111
 OR 221
 FIELD TRIPS & TRAVEL FEE \$0.00-\$80.00
 7601005 A MWF 9:00-9:50
 R 1:10-3:00

GEOLOGY

GEOLOGY

ENVIRONMNTL GEOCHEM GEOL 519 3 CR.
 PREREQ: 511 OR EQUIVALENT
 MATERIALS FEE \$20.00
 2315005 MW 2:10-3:00
 F 10:00-11:50

OPTICAL MINERALOGY GEOL 542 2 CR.
 PREREQ: 311
 MATERIALS FEE \$25.00
 3900005 R 2:10-5:00

GIS FOR GEOSCIENTST GEOL 552 3 CR.
 PREREQ: 100, 201 OR EQUIVALENT
 3206005 TR 9:00-9:50
 TR 10:00-10:50

SURFICIAL PROCESSES GEOL 579 3 CR.
 PREREQ: 100 OR 201 OR EQUIVALENT EXPERIENCE
 FIELD TRIPS & TRAVEL FEE \$0.00-\$60.00
 8805005 1 MW 10:00-10:50
 F 1:10-3:00

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

SPL TOP STRATIGRAPH GEOL 590B 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOL 590C 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLGY GEOL 590D 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS PETROLOGY GEOL 590E 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOL GEOL 590H 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SPCL TOP GEOPHYSICS GEOL 590K 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP MINERALOGY GEOL 590L 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TECTONICS GEOL 590M 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP PALEOECO&CLI GEOL 590N 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP COMPUTA&GIS GEOL 590P 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SRFC HYDROL GEOL 590R 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR GEOL 595B R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SENIOR OR GRADUATE CLASSIFICATION
 8220005 F 3:30-5:30

CREATIVE COMPONENT GEOL 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SEM EARTH MTRLS GEOL 610A 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7605005 ARRANGED

ADV SEM ECONOM GEOL GEOL 610B 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7609005 ARRANGED

ADV SEM ENVIR GEOCH GEOL 610C 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 3771005 ARRANGED

ADV SEM HYDROGEOLGY GEOL 610F 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7604005 ARRANGED

ADV SEM SURFIC PROC GEOL 610G 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7608005 ARRANGED

ADV SEM SED&STRATIG GEOL 610H 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7607005 ARRANGED

GEOLOGY

ADV SEM ISOTP GCHEM GEOL 610J 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 6711005 ARRANGED

RES SURFICIAL PROC GEOL 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRATIGRAPHY GEOL 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEDIMENTATION GEOL 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH PALEONTOLOGY GEOL 699D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

RES STRUCTURAL GEOL GEOL 699F VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY GEOL 699G VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH HYDROGEOLOGY GEOL 699H VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH EARTH SCIENCE GEOL 699I VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MINERAL RESOURC GEOL 699J VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS GEOL 699K VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY GEOL 699L VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TECTONICS GEOL 699M VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES PALEOECO&CLIMAT GEOL 699N VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM GEOL 699O VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CMPUT MTH&GIS GEOL 699P VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES SURFC HYDROLOGY GEOL 699R VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GERMAN

ELEMENTARY GERMAN I GER 101 4 CR.
 STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS
 OF HIGH SCHOOL GERMAN MAY NOT ENROLL IN 101.
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 3949005 1 MTWR 9:00-9:50
 3949010 2 MTWR 10:00-10:50
 3949015 3 MTWR 11:00-11:50
 3949020 4 MTWR 1:10-2:00

GERMAN

INTERMED GERMAN I GER 201 4 CR.
 PREREQ: 102
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3953005 1 MTWR 9:00-9:50
 3953010 2 MTWR 10:00-10:50

READG:PROB ERLY 20C GER 301 3 CR.
 PREREQ: 202
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3955005 1 MWF 10:00-10:50

GER FOR BUSINES&PRO GER 304 3 CR.
 PREREQ: 202
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3754005 1 TR 11:00-12:20

INTRO TO GERMAN LIT GER 330 3 CR.
 PREREQ: 301 OR PERMISSION OF INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8742005 1 TR 2:10-3:30

HOLOCAUST TEXT,IMAG GER 371 3- 4 CR.
 PREREQ: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT,
 6 CREDITS IN GERMAN AT THE 300 LEVEL.
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3764005 1 TR 9:30-10:50
 SECTION 1 OFFERED FOR 3 CREDITS
 3764010 2 TR 9:30-10:50
 ARRANGED
 SECTION 2 OFFERED FOR 4 CREDITS

FOUNDATN GERMN CIVI GER 475 3- 4 CR.
 PREREQ: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT,
 6 CREDITS IN GERMAN AT THE 300 LEVEL.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3957005 1 MWF 2:10-3:00
 SECTION 1 OFFERED FOR 3 CREDITS
 3957010 2 MWF 2:10-3:00
 ARRANGED
 SECTION 2 OFFERED FOR 4 CREDITS

INDEPENDENT STUDY GER 490 1- 6 CR.
 PREREQ: 6 CR IN GERMAN; PERMISSION OF DEPT CHAIR
 NO MORE THAN 9 CREDITS OF GER 490 MAY BE APPLIED
 TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP IN GERMAN GER 499 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS OF GERMAN AT THE 300 LEVEL;
 PERMISSION OF ADVISOR AND WORLD LANGUAGES AND
 CULTURES INTERNSHIP COORDINATOR
 NO MORE THAN 3 CREDITS OF GER 499 MAY BE APPLIED
 TOWARD GRADUATION IN THE MAJOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

GERMAN

***** SEE DEPT FOR REFERENCE NUMBERS

GERONTOLOGY

DEATH PART OF LIVNG GERON 373 3 CR.
FIELD TRIPS & TRAVEL FEE \$15.00
8516005 1 TR 3:40-4:55

AGING & THE FAMILY GERON 377 3 CR.
PREREQ: HD FS 102
MEETS U.S. DIVERSITY REQMT.
7865005 1 TR 9:30-10:45 MARTIN P
SYLLABUS:
<http://www.hs.iastate.edu/online/>

ECONOMICS OF AGING GERON 378 3 CR.
PREREQ: 3 CR IN PRINCIPLES OF ECON; 3 CR IN HD FS
8564005 TR 2:10-3:25 MACDONALD M

GERONTL PREPRAC SEM GERON 466 1 CR.
PREREQ: 9 CR IN CORE COURSES FOR THE GERON
MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR
7869005 ARRANGED

GERONTOL PRACTICUM GERON 467 3- 6 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 466, ADVANCE RESERVATION
7870005 ARRANGED

ADULT DEVELOPMENT GERON 534 3 CR.
2631005 1 TR 3:40-4:55 RUSSELL D
SYLLABUS:
<http://www.hs.iastate.edu/online/>

DSGN FOR ALL PEOPLE GERON 571 3 CR.
PREREQ: SR CLASSIFICATION OR GRADUATE STANDING
MEETS U.S. DIVERSITY REQMT.
4717005 1 TR 11:00-12:30

SPECIAL TOPICS GERON 590 VAR. CR.
3059005 1 ARRANGED

GLOBAL RESOURCE SYSTEMS

ORIENTATION GLOBE 110 1 CR.
6606005 R 2:10-3:00

ISSU GLBL RSRCE SYS GLOBE 211 1- 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 201
6651005 T 3:10-4:00

APPRENTICESHIP GLOBE 221 R CR.
SATISFACTORY-FAIL ONLY.
6652005 ARRANGED

INDEPENDENT STUDY GLOBE 290 1- 2 CR.
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
8851005 ARRANGED

INDEP STUDY HONORS GLOBE 290H 1- 2 CR.
PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR,
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
8852005 ARRANGED

GLOBAL RESOURCE SYSTEMS

IND STDY ENTREPRENR GLOBE 490E 1- 3 CR.
PREREQ: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
8687005 ARRANGED

INDEP STUDY HONORS GLOBE 490H 1- 3 CR.
PREREQ: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
6817005 ARRANGED

IND STDY SERVCE LRN GLOBE 490Z 1- 3 CR.
PREREQ: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
6823005 ARRANGED

UNDERGRAD RESEARCH GLOBE 499 VAR. CR.
6903005 ARRANGED

GRADUATE STUDIES

PREP FUTR FACLT SEM GR ST 585 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: ONE YEAR OF GRADUATE COURSE WORK;
ADMISSION INTO PFF PROGRAM
8114005 1 T 6:30-8:30PM
INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PREP FUTR FAC SM II GR ST 586 1- 3 CR.
PREREQ: ADMISSION INTO PFF PROGRAM; COMPLETION
OF GR ST 585 OR PERMISSION OF INSTRUCTOR
7033005 A T 6:00-9:00PM
INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PREP FAC TCHG PRACT GR ST 587 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR, 585, CR FOR OR
CONCURRENT ENROLLMENT IN 586
7679005 ARRANGED
INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PREP FTR FAC SPL TP GR ST 588 1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR, 585, CREDIT FOR
OR CONCURRENT ENROLLMENT IN 586
8341005 ARRANGED
INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

EXAMINATION ONLY GR ST 600 R CR.
3972005 ARRANGED

REQUIRED ENROLLMENT GR ST 601 R CR.
COLLEGE PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4482005 ARRANGED

DOC PRELIM REGISTRA GR ST 680 R CR.
7349005 ARRANGED

GREEK

ELEM ANCIEN GREEK I GREEK 101 4 CR.
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 2373005 1 MTWR 9:00-9:50

INDEPENDENT STUDY GREEK 490 1- 6 CR.
 PREREQ: 6 CR IN GREEK; PERMISSION OF DEPT CHAIR
 NO MORE THAN 9 CREDITS OF GREEK 490 MAY BE
 APPLIED TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HEALTH STUDIES

1ST AID &EMERG CARE H S 105 2 CR.
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 4081005 1A MWF 10:00-10:50
 SEC 1A RESTRICTED TO EX SP, C H E,
 HHP, KIN H MAJORS
 4081010 1B MWF 10:00-10:50
 4081015 2A MWF 11:00-11:50
 SEC 2A RESTRICTED TO EX SP, C H E,

HHP, KIN H MAJORS
 4081020 2B MWF 11:00-11:50
 4081025 3A MWF 1:10-2:00
 SEC 3A RESTRICTED TO EX SP, C H E,
 HHP, KIN H MAJORS
 4081030 3B MWF 1:10-2:00
 4081035 4A TR 11:00-12:15
 SEC 4A RESTRICTED TO EX SP, C H E,

HHP, KIN H MAJORS
 4081040 4B TR 11:00-12:15
 4081045 5A TR 12:40-2:00
 SEC 5A RESTRICTED TO EX SP, C H E,
 HHP, KIN H MAJORS

PERS &CONSUMER HLTH H S 110 3 CR.
 4082005 1A MWF 9:00-9:50
 SEC 1A RESTRICTED TO EX SP, C H E,
 HHP, PDEXA,
 PDEXH, KIN H MAJORS ONLY

4082010 1B MWF 9:00-9:50
 4082015 2A MWF 11:00-11:50
 SEC 2A RESTRICTED TO EX SP, C H E,
 HHP, PDEXA,
 PDEXH, KIN H MAJORS ONLY

4082035 3A TR 11:00-12:15
 SEC 3A RESTRICTED TO EX SP, C H E,
 HHP, PDEXA,
 PDEXH, KIN H MAJORS ONLY
 4082040 4A TR 12:40-2:00
 SEC 4A RESTRICTED TO EX SP, C H E,
 HHP, PDEXA,
 PDEXH, KIN H MAJORS ONLY.
 4082045 4B TR 12:40-2:00

DRUG EDUCATION H S 215 3 CR.
 PREREQ: PSYCH 101 OR 230
 4083005 1A TR 9:30-10:50
 SECTN 1A RESTRICTED TO EX SP, C H E,
 HHP, KIN H MAJORS
 4083010 1B TR 9:30-10:50
 4083015 2A TR 8:00-9:20
 SECTN 2A RESTRICTED TO EX SP, C H E,
 HHP, KIN H MAJORS
 4083020 2B TR 8:00-9:20

HEALTH STUDIES

HEALTH ED ELEM SCHL H S 275 3 CR.
 PREREQ: HD FS 102 OR 226
 CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4084005 1 MWF 10:00-10:50
 4084010 2 MWF 11:00-11:50

COMMUN&PUBLC HEALTH H S 310 3 CR.
 PREREQ: 110
 4087005 1A MWF 11:00-11:50
 SECTION 1A RESTRICTED TO EX SP, C H
 E, HHP, KIN H
 JUNIORS AND SENIORS
 4087010 1B MWF 11:00-11:50

HUMAN DISEASES H S 350 3 CR.
 PREREQ: 110 AND BIOL 255,256
 4088005 1A TR 12:40-2:00
 SEC 1A RESTRICTED TO EX SP, C H E,
 HHP, KIN H,
 D EXA, D EXH, PDEXA, PDEXH JUNIORS
 AND SENIORS
 4088010 1B TR 12:40-2:00

TEACH-LEARN HLTH ED H S 375 3 CR.
 PREREQ: 105, 110, 215
 CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4089005 1 MWF 10:00-10:50

WRKSITE HLTH PROMOT H S 380 3 CR.
 PREREQ: KIN 258, 366, FS HN 167
 COURSE RESTRICTED TO EX SP, C H E, D EXA, D EXH,
 HHP, PDEXA, PDEXH, KIN H JUNIORS AND SENIORS
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 3795005 1 MWF 11:00-11:50

SEARCH STRAT EMPLOY H S 385 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JUNIOR CLASSIFICATION, TO BE TAKEN A
 MINIMUM OF TWO SEMESTERS PRIOR TO EX SP 485
 3789005 1 F 1:10-2:00
 3789010 2 R 2:10-3:00

SCHOOL HEALTH PROG H S 390 3 CR.
 PREREQ: 310
 4090005 1 TR 2:10-3:25

TEACH HEALTH ED SEC H S 417 12 CR.
 PREREQ: 375, ADVANCE REGISTRATION REQUIRED
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$328.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4091005 ARRANGED

COMM HLTH PROG DEV H S 430 3 CR.
 PREREQ: 380
 COURSE RESTRICTED TO EX SP, C H E, HHP, D EXA,
 D EXH, KIN H, KIN JUNIORS AND ABOVE
 4093005 MWF 10:00-10:50

HIGHER EDUCATION

HEALTH STUDIES

FIELD EXPERIENCE H S 485 1-16 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ALL REQUIRED H S COURSES, PERMISSION OF COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 4095005 ARRANGED

INDEPENDENT STUDY H S 490 1- 3 CR.
 PREREQ: 6 CR IN H S, PERMISSION OF COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY H S 490H 1- 3 CR.
 PREREQ: 6 CR IN H S, PERMISSION OF COORDINATOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HIGHER EDUCATION

LDRSP:SELF&INTERACT HG ED 540 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7956005 1 T 2:10-5:00

LDR&TEAM:KNOW,DO,BE HG ED 542 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7952005 1 T 2:10-5:00

FOUND LEADRSHPL&LRNG HG ED 544 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 5438005 T 11:00-2:00

COLLEGE TEACHING HG ED 561 3 CR.
 PREREQ: 6 GRADUATE CREDITS
 4112005 F 5:10-8:00PM
 S 9:00-5:00
 AUG 28-SEPT 26
 MEETINGS ON AUG 28-29 AND SEPT 4-5,18-19,25-26

STUDNT AFFAIRS PRAC HG ED 574 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, ADMISSION TO HIGHER EDUCATION PROGRAM
 COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 4116005 1 W 2:10-5:00
 4116010 2 W 4:10-7:00PM

ORG&ADM STUD AFFAIR HG ED 575 3 CR.
 PREREQ: ADMISSION TO HIGHER EDUCATION PROGRAM, 574
 COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 4117005 R 2:10-5:00

STUDENT DEVELOPMENT HG ED 576 3 CR.
 PREREQ: ADMISSION TO HIGHER EDUCATION PROGRAM
 COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 4118005 1 T 2:10-5:00
 4118010 2 T 2:10-5:00

CAMPUS ENVIRONMENTS HG ED 577 3 CR.
 PREREQ: ADMISSION TO HIGHER EDUCATION PROGRAM
 COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 5613005 1 M 2:10-5:00
 5613010 2 W 2:10-5:00

COUNSELING POST-SEC HG ED 579 3 CR.
 PREREQ: 574, 576
 COURSE FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 6274005 1 M 6:00-9:00PM
 6274010 2 T 6:00-9:00PM

TOP CM COL FAC EVAL HG ED 580G 1- 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4125600 XA ARRANGED EBBERS L
 SECT XA:SEPT 10-NOV 13
 SECTION XA OFFERED FOR 1 CREDIT.
 MEETINGS ON SEPT 10-11; OCT 21-23 (IN KANSAS CITY, MO); NOV 12-13
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION

TOP CM COL ORG&ADMN HG ED 580H 1- 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4126600 XA ARRANGED DRAKE S
 SECT XA:SEPT 3-DEC 4
 SECTION XA OFFERED FOR 2 CREDITS.
 MEETINGS ON SEPT 3-4; OCT 21-23 (IN KANSAS CITY, MO); NOV 5-6;
 DEC 3-4.
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION

SPL TOP STDT SERVIC HG ED 590A 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

SP TOP FED&STAT AFF HG ED 590E 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED HG ED 590F 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES HG ED 590G 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORICAL, PHILOSOPHICAL & COMP ED

HIGHER EDUCATION

SUPV FIELD EXPERIEN HG ED 591 1- 4 CR.
 PREREQ: 9 CREDITS GRADUATE WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HG ED 599 VAR. CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMN CURRENT ISSUES HG ED 615C 1- 4 CR.
 4140005 1 T 5:30-8:30PM
 SECTION 1 OFFERED FOR 3 CREDITS.

TOPIC: SOCIAL JUSTICE AND SOCIAL CHANGE IN HIGHER ED.

4140010 2 W 5:30-8:30PM
 SECTION 2 OFFERED FOR 3 CREDITS

4140015 3 M 5:10-9:00PM
 SECT 3:AUG 24-SEPT 21
 SEC 3 OFFERED FOR 1 CREDIT. TOPIC:

EDUCATION FOR WHOLENESS, SOCIAL JUSTICE AND LIBERATION SEMINAR.
 WORKSHOP FEE APPLIES

SEM RESEARCH DESGNS HG ED 615H 1- 4 CR.
 4145005 1 W 5:30-8:30PM
 SECTION 1 OFFERED FOR 1-3 CREDITS
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

COLLEGE ORG & ADMIN HG ED 664 3 CR.
 PREREQ: 504
 4146005 W 6:00-9:00PM
 SECTION FOR HG ED STUDENTS - OTHERS
 BY INSTRUCTOR PERMISSION ONLY

ACAD ISSUES&CULTURS HG ED 666 3 CR.
 PREREQ: 504
 7319600 XA R 9:00-5:00 EBBERS L
 F 9:00-4:00 EBBERS L
 SECT XA:AUG 27-OCT 2
 MEETINGS AUG 27-28, SEPT 17-18, OCT
 1-2 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY AMES

ADV SPECIAL TOPICS HG ED 690 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HG ED 699 VAR. CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORICAL, PHILOSOPHICAL & COMP ED

CLASSICS EDUC PHIL H P C 584 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4062050 M 5:30-8:30PM

COMPAR ED:TRDITIONS H P C 585 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4063050 W 1:10-4:00

HIST AMERICAN EDUC H P C 588 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4065005 R 6:00-9:00PM

SPCL TOP PHIL OF ED H P C 590B 1- 5 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

HISTORY

INTRO WESTERN CIV I HIST 201 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.

- 4150005 1 MW 1:10-2:00
T 8:00-8:50
- 4150010 2 MW 1:10-2:00
T 11:00-11:50
- 4150015 3 MW 1:10-2:00
R 11:00-11:50
- 4150020 4 MW 1:10-2:00
W 8:00-8:50
- 4150025 5 MW 1:10-2:00
W 11:00-11:50
- 4150030 6 MW 1:10-2:00
W 12:10-1:00
- 4150035 7 MW 1:10-2:00
R 8:00-8:50
- 4150040 8 MW 1:10-2:00
F 9:00-9:50
- 4150045 9 MW 1:10-2:00
F 12:10-1:00
- 4150050 10 MW 1:10-2:00
F 8:00-8:50
- 4150055 11 MW 1:10-2:00
F 10:00-10:50
- 4150060 12 MW 1:10-2:00
F 11:00-11:50
- 4150065 13 TR 11:00-11:50
W 8:00-8:50
- 4150070 14 TR 11:00-11:50
W 12:10-1:00
- 4150075 15 TR 11:00-11:50
F 12:10-1:00
- 4150080 16 TR 11:00-11:50
W 8:00-8:50
- 4150085 17 TR 11:00-11:50
W 9:00-9:50
- 4150090 18 TR 11:00-11:50
W 10:00-10:50
- 4150095 19 TR 11:00-11:50
R 8:00-8:50
- 4150100 20 TR 11:00-11:50
F 10:00-10:50
- 4150105 21 TR 11:00-11:50
F 11:00-11:50
- 4150110 22 TR 11:00-11:50
F 8:00-8:50

HISTORY

INTRO WESTERN CIV I HIST 201 3 CR.
 4150115 23 TR 11:00-11:50
 F 9:00-9:50
 4150120 24 TR 11:00-11:50
 F 12:10-1:00

INTR WESTERN CIV II HIST 202 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4151005 MWF 10:00-10:50

SURVEY U.S. HIST I HIST 221 3 CR.
 4155005 1 MW 9:00-9:50 HILLIARD K
 T 8:00-8:50
 4155010 2 MW 9:00-9:50 HILLIARD K
 T 11:00-11:50
 4155015 3 MW 9:00-9:50 HILLIARD K
 F 9:00-9:50
 4155020 4 MW 9:00-9:50 HILLIARD K
 F 12:10-1:00
 4155025 5 MW 9:00-9:50 HILLIARD K
 W 11:00-11:50
 4155030 6 MW 9:00-9:50 HILLIARD K
 W 12:10-1:00
 4155035 7 MW 9:00-9:50 HILLIARD K
 R 8:00-8:50
 4155040 8 MW 9:00-9:50 HILLIARD K
 F 12:10-1:00
 4155045 9 MW 9:00-9:50 HILLIARD K
 R 11:00-11:50
 4155050 10 MW 9:00-9:50 HILLIARD K
 F 8:00-8:50
 4155055 11 MW 9:00-9:50 HILLIARD K
 F 10:00-10:50
 4155060 12 MW 9:00-9:50 HILLIARD K
 F 11:00-11:50
 4155065 13 TR 9:30-10:20 SADOSKY L
 T 8:00-8:50
 4155070 14 TR 9:30-10:20 SADOSKY L
 R 11:00-11:50
 4155075 15 TR 9:30-10:20 SADOSKY L
 F 12:10-1:00
 4155080 16 TR 9:30-10:20 SADOSKY L
 W 8:00-8:50
 4155085 17 TR 9:30-10:20 SADOSKY L
 W 11:00-11:50
 4155090 18 TR 9:30-10:20 SADOSKY L
 W 12:10-1:00
 4155095 19 TR 9:30-10:20 SADOSKY L
 R 8:00-8:50
 4155100 20 TR 9:30-10:20 SADOSKY L
 T 11:00-11:50
 4155105 21 TR 9:30-10:20 SADOSKY L
 F 9:00-9:50
 4155110 22 TR 9:30-10:20 SADOSKY L
 F 8:00-8:50
 4155115 23 TR 9:30-10:20 SADOSKY L
 F 11:00-11:50
 4155120 24 TR 9:30-10:20 SADOSKY L
 F 10:00-10:50

HISTORY

SURVEY U.S. HIST II HIST 222 3 CR.
 4156005 MWF 12:10-1:00

INTRO HIST OF SCI I HIST 280 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4161005 1 MW 10:00-10:50 WILSON D
 R 8:00-8:50
 4161010 2 MW 10:00-10:50 WILSON D
 F 8:00-8:50
 4161015 3 MW 10:00-10:50 WILSON D
 F 9:00-9:50
 4161020 4 MW 10:00-10:50 WILSON D
 F 10:00-10:50

WONDRS WLD ANC-E MD HIST 284 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4163005 1 TR 11:00-11:50 BIX A
 R 8:00-8:50
 4163010 2 TR 11:00-11:50 BIX A
 F 8:00-8:50
 4163015 3 TR 11:00-11:50 BIX A
 F 9:00-9:50
 4163020 4 TR 11:00-11:50 BIX A
 F 12:10-1:00

SCIENCE & RELIGION HIST 323 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4168005 TR 11:00-12:20 WILSON D

ENGLAND 1525-1700 HIST 325 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 4169005 TR 12:40-2:00 GRIFFITHS P

HIS CHINA 1644-1912 HIST 336 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4171005 TR 11:00-12:20 LIU X

U.S.-ASIAN RELATNS HIST 339 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7285005 TR 2:10-3:30 LIU X

HIST LATIN AMERI II HIST 341 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4175005 TR 11:00-12:20 DELCASTILLO L

US SOC&CULTUR 1800- HIST 351 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4176005 MWF 11:00-11:50 CRAVENS H

HISTORY

SLAVERY&UNION CRISI HIST 355 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 4216005 MWF 1:10-2:00 HILLIARD K

GRK ARCHAEOLOGY TO 700BC HIST 376A 3 CR.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6096005 MWF 12:10-1:00

WORLD MILITARY HIST HIST 390 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4190005 MWF 12:10-1:00 DOBBS C

GREEK CIVILIZATION HIST 402 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4192005 MWF 10:00-10:50 ANDREWS S

HIGH MIDDLE AGES HIST 406 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4195005 MWF 9:00-9:50 BAILEY M

EUROPE: 1500-1648 HIST 408 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8205005 TR 9:30-10:50 BYARS J

RUSSIA TO 1850 HIST 421 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4204005 MWF 11:00-11:50 ANDREWS J

PUNSHMT ENGL 16-19C HIST 428 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7660005 TR 9:30-10:50 GRIFFITHS P

MODERN ENGLAND HIST 431 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8634005 TR 12:40-2:00 SCHNEIDER W

COLONIAL AMERICA HIST 450 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4213005 TR 12:40-2:00 SADOSKY L

HISTORY

AMERICAN STUFF HIST 488 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4235005 TR 12:40-2:00 BIX A

INDEPENDENT STUDY HIST 490 1- 3 CR.
 PREREQ: 9 CREDITS IN HISTORY; PERMISSION OF
 DEPARTMENT CHAIR
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 NO MORE THAN 6 CREDITS OF HIST 490 MAY BE APPLIED
 TOWARD GRADUATION WITH A MAJOR IN HISTORY. NO
 CREDITS
 OF HIST 490 MAY BE APPLIED TOWARD A MINOR IN
 HISTORY.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORIOGRAPHY&RESRCH WRT HIST 495 3 CR.
 PREREQ: SR HISTORY MAJORS WITH AT LEAST 12 CR OF
 300+ LEVEL HISTORY COURSES
 COURSE RESTRICTED TO HIST SENIORS ONLY
 4238005 1 W 2:10-5:00 CRAVENS H
 4238010 2 R 2:10-5:00 BAILEY M
 4238015 3 M 2:10-5:00 ANDREWS J

PROSEM ENVIRONMENT HIST 511D 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9719005 M 2:10-5:00

PROSEM LATIN AMER HIST 513 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4246005 R 1:10-4:00 DELCASTILLO L

COLLOQ HISTORIC SCI HIST 576 R CR.
 4261005 ARRANGED

PRSEM HIS FMNST THY HIST 586 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2170005 T 1:10-4:00 BYARS J

SPECIAL TOPICS HIST 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HIST 699 1- 6 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS

FIRST-YR HONORS SEM HON 121 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MEMBERSHIP IN THE FRESHMAN HONORS PROGRAM
 4623015 A1 MW 12:10-1:00
 4623020 A2 MW 12:10-1:00
 4623025 A3 MW 12:10-1:00
 4623030 B1 MW 10:00-10:50
 4623035 B2 MW 10:00-10:50
 4623040 B3 MW 10:00-10:50

HORTICULTURE

HONORS

| | |
|--|---|
| FIRST-YR HONORS SEM HON 121 1 CR. | ORIENTATION IN HORT HORT 110 1 CR. |
| 4623045 C1 MW 11:00-11:50 | COURSE RESTRICTED TO HORT MAJORS ONLY |
| 4623050 C2 MW 11:00-11:50 | 4291005 R 2:10-3:00 |
| 4623055 C3 MW 11:00-11:50 | SECTION INFO: |
| 4623060 D1 MW 1:10-2:00 | http://www.hort.iastate.edu/courses/syllabi/hort110.html |
| 4623065 D2 MW 1:10-2:00 | SYLLABUS: |
| 4623070 D3 MW 1:10-2:00 | http://www.hort.iastate.edu/courses/syllabi/hort110.html |
| 4623075 E1 MW 2:10-3:00 | |
| 4623080 E2 MW 2:10-3:00 | |
| 4623085 E3 MW 2:10-3:00 | |
| 4623090 F1 MW 3:10-4:00 | |
| 4623095 F2 MW 3:10-4:00 | |
| 4623100 F3 MW 3:10-4:00 | |
| 4623105 G1 TR 12:10-1:00 | |
| 4623110 G2 TR 12:10-1:00 | |
| 4623115 G3 TR 12:10-1:00 | |
| 4623120 H1 TR 10:00-10:50 | |
| 4623125 H2 TR 10:00-10:50 | |
| 4623130 H3 TR 10:00-10:50 | |
| 4623135 J1 TR 11:00-11:50 | |
| 4623140 J2 TR 11:00-11:50 | |
| 4623145 J3 TR 11:00-11:50 | |
| 4623150 K1 TR 1:10-2:00 | |
| 4623155 K2 TR 1:10-2:00 | |
| 4623160 K3 TR 1:10-2:00 | |
| 4623165 L1 TR 2:10-3:00 | |
| 4623170 L2 TR 2:10-3:00 | |
| 4623175 L3 TR 2:10-3:00 | |
| 4623180 M1 TR 3:10-4:00 | |
| 4623185 M2 TR 3:10-4:00 | |
| 4623190 M3 TR 3:10-4:00 | |
| | ORIEN LEARNING&TEAM HORT 112 2 CR. |
| | PREREQ: 112 |
| | 1363005 A T 12:10-2:00 |
| | 1363010 B W 4:10-6:00PM |
| | HOME HORTICULTURE HORT 121 2 CR. |
| | HORT JUNIORS & SENIORS WHO WISH TO REGISTER |
| | FOR THIS CLASS MUST OBTAIN ADVANCE APPROVAL FROM |
| | THE INSTRUCTOR |
| | 4292005 MW 3:10-4:00 |
| | HANDS-ON HOME HORTI HORT 122 1 CR. |
| | 5497005 A M 9:00-9:50 |
| | 5497010 B W 9:00-9:50 |
| | PRINCIP OF HORTICUL HORT 221 3 CR. |
| | PREREQ: BIOL 201 |
| | MATERIALS AND FIELD TRIPS & TRAVEL FEE \$25.00 |
| | 4296005 A MW 10:00-10:50 |
| | T 2:10-4:00 |
| | 4296010 B MW 10:00-10:50 |
| | R 2:10-4:00 |
| | 4296015 C MW 10:00-10:50 |
| | R 11:00-1:00 |
| SPL PRB HONORS RESR HON 290U VAR. CR. | FOLIAG PL&INTERRSCP HORT 233 3 CR. |
| SATISFACTORY-FAIL ONLY. | PREREQ: 221 |
| PREREQ: MEMBERSHIP IN AND PERMISSION OF THE | 3657005 A MF 11:00-11:50 |
| UNIVERSITY HONORS PROGRAM | F 1:10-3:00 |
| 4044005 ARRANGED | 3657010 B MF 11:00-11:50 |
| | M 1:10-3:00 |
| HONOR LEADERSHP SEM HON 302 2 CR. | LANDSCP TREES,SHRUB HORT 240 3 CR. |
| SATISFACTORY-FAIL ONLY. | 6183005 W 10:00-1:00 |
| PREREQ: SELECTN AS LEADER OF FRESHMAN HONORS SEM | HORTICUL PHYSIOLOGY HORT 321 3 CR. |
| 2-PART COURSE. STUDENTS NOT REGISTERED FOR BOTH | PREREQ: 221 OR BIOL 201 |
| PARTS OF THE COURSE WILL BE DROPPED FROM THE | 6421005 TR 8:00-9:20 |
| COURSE | |
| DUE TO INCOMPLETE REGISTRATION. | HERBA ORNMTL PLANTS HORT 330 3 CR. |
| ***** SEE DEPT FOR REFERENCE NUMBERS | PREREQ: 221 OR BY PERMISSION OF INSTRUCTOR |
| UNIV HONORS SEMINAR HON 321 1- 2 CR. | MATERIALS AND FIELD TRIPS & TRAVEL FEE \$20.00 |
| SATISFACTORY-FAIL ONLY. | 4436005 A TR 11:00-11:50 |
| PREREQ: MEMBERSHIP IN THE HONORS PROGRAM | T 2:10-4:00 |
| CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS | 4436010 B TR 11:00-11:50 |
| ***** SEE DEPT FOR REFERENCE NUMBERS | R 2:10-4:00 |
| UNIV HONORS SEMINAR HON 323 1- 2 CR. | SEED SCIENCE&TECHNL HORT 338 3 CR. |
| SATISFACTORY-FAIL ONLY. | PREREQ: AGRON 114 OR HORT 221, BIOL 211 |
| PREREQ: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM | MATERIALS AND FIELD TRIPS & TRAVEL FEE \$5.00-\$15.00 |
| CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS | 7262005 1 TR 9:30-10:45 GOGGI S |
| ***** SEE DEPT FOR REFERENCE NUMBERS | R 3:10-6:00PM GOGGI S |
| INDEP STUDY HONORS HON 490 VAR. CR. | |
| PREREQ: MEMBERSHIP IN THE UNIV HONORS PROGRAM, | |
| PERMISSION OF FACULTY DIRECTOR OF UNIV HONORS | |
| PROGRAM | |
| DEPARTMENT PERMISSION REQUIRED; PROCESS | |
| APPROVED ADD SLIP IN 10 ALUMNI HALL | |
| ***** SEE DEPT FOR REFERENCE NUMBERS | |

HORTICULTURE

HORTICULTURE

LANDSCP INSTALL&EST HORT 342 3 CR.
 PREREQ: 240 OR L A 221 OR L A 222
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$20.00
 4308005 A TR 9:30-10:20
 T 1:10-4:00
 4308010 B TR 9:30-10:20
 R 1:10-4:00

TURFGRASS ESTAB&MGT HORT 351 3 CR.
 PREREQ: 221 OR AGRON 114 OR BIOL 211
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4309005 MWF 9:00-9:50

TURFGR ESTB&MGT LAB HORT 351L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 351. THOSE
 ENROLLED IN HORT CURRICULUM ARE REQUIRED TO TAKE
 351L
 IN CONJUNCTION WITH 351 EXCEPT BY INSTR
 PERMISSION
 FIELD TRIPS & TRAVEL FEE \$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4310005 A M 2:10-5:00
 4310010 B W 2:10-5:00

SOILS & PLANT GROWTH HORT 354 3 CR.
 PREREQ: AGRON 154 AND BIOL 101 OR 212
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8494015 1 MWF 8:00-8:50 LOYNACHAN T
 SECTION INFO:
<http://www.public.iastate.edu/~teloynac/3540>

SOIL&PLANT GRWTH LB HORT 354L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 354
 8496005 A T 12:10-3:00 HENNING S
 8496010 B T 3:10-6:00PM HENNING S
 8496015 C W 1:10-4:00 HENNING S
 8496020 D R 2:10-5:00 HASSELMAN E

HORT MGT EXPERIENCE HORT 391 1 CR.
 PREREQ: 221, PERMISSION OF INSTRUCTOR
 NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE HORTICULTURAL SCIENCES COURSE
 REQUIREMNTS.
 2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HORT 398 R CR.
 SATISFACTORY-FAIL ONLY.
 3652005 ARRANGED

INTRO PLANT BREEDNG HORT 421 3 CR.
 PREREQ: GEN 320 OR BIOL 313
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6158005 1 TR 8:00-9:15 FEHR W

POSTHARVEST TECHNOL HORT 422 4 CR.
 PREREQ: 221, JR OR SR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4312005 MWF 10:00-10:50
 W 2:10-5:00

PLANT TISSUE CULTUR HORT 423 2 CR.
 PREREQ: BIOL 313 AND HORT 321 OR BIOL 330
 MATERIALS FEE \$20.00
 4305005 F 10:00-11:50

SUSTNBLE&ENVIR HORT HORT 424 2 CR.
 8866005 MW 1:10-2:00

GREENHS CROP PROD I HORT 434 4 CR.
 PREREQ: 330, 332
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8085005 MWF 9:00-9:50
 T 9:00-11:50

NURSERY PRODUC &MGT HORT 442 2 CR.
 PREREQ: 221
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4318005 TR 12:10-1:00

LANDSCAPE CONSTRUCT HORT 444 3 CR.
 PREREQ: 240, JUNIOR OR SENIOR CLASSIFICATION
 COURSE RESTRICTED TO HORT JUNIORS AND SENIORS
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$20.00
 1037005 A MW 11:00-11:50
 M 2:10-5:00
 1037010 B MW 11:00-11:50
 W 2:10-5:00

HORT MGMT &ADMINIST HORT 445 2 CR.
 PREREQ: 221, JUNIOR OR SENIOR CLASSIFICATION
 4053005 TR 8:00-8:50

LANDSCP CNTRACT&EST HORT 446 2 CR.
 PREREQ: 240 AND CREDIT OR ENROLLMENT IN 342,
 JUNIOR OR SENIOR CLASSIFICATION
 3394005 W 8:00-9:50

TURF&LNDSCP IRRIGTN HORT 454 3 CR.
 PREREQ: HORT 221, HORT 351 OR 342, MATH 140 OR
 150
 MATERIALS FEE \$42.00
 4852005 R 3:10-6:00PM

URBAN FORESTRY HORT 475 3 CR.
 PREREQ: JR OR SR CLASSIFICATION, 3 CR IN BIOLOGY
 FIELD TRIPS & TRAVEL FEE \$18.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5130005 A TR 10:00-10:50
 R 3:10-6:00PM

ADV GARDEN COMPSITN HORT 481 3 CR.
 PREREQ: 240, 330, 380, 381, HORT MAJOR WITH
 PLANTING DESIGN/INSTALLATION OPTION
 7236005 TR 9:30-11:50

IND ST GREENHS CROP HORT 490A VAR. CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE
 HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY NURS CROPS HORT 490B VAR. CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE
 HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

HORTICULTURE

IND STDY TURFGRASS HORT 490C VAR. CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE
 HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128
 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE
 HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128
 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY VEG CROPS HORT 490E VAR. CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE
 HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128
 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO HORT 490F VAR. CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE
 HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128
 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE
 HORTICULTURE MAY BE USED TOWARD THE TOTAL OF 128
 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CR.
 PREREQ: JR OR SR CLASSIFICATN IN HORT, PERMISSION
 OF INSTRUCTOR. A MAXIMUM OF 4 CR OF 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CR REQUIRED FOR
 GRADUATION.
 MEMBERSHIP IN UNIV HONORS PROGRAM
 NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE
 HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED
 FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY
 HONORS STUDENTS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP HORT 491 1- 2 CR.
 PREREQ: AGRON 338, ADVANCED APPROVAL AND
 PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1734005 1 ARRANGED KNAPP A
 1734010 2 ARRANGED MULLEN R
 1734015 3 ARRANGED

HORTICULTR WORKSHOP HORT 493 VAR. CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7617005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

PLANT TISSUE CULTUR HORT 523 2 CR.
 PREREQ: BIOL 313 AND HORT 321 OR BIOL 330
 MATERIALS FEE \$20.00
 4333005 F 10:00-11:50

SUSTNBLE&ENVIR HORT HORT 524 2 CR.
 4105005 MW 1:10-2:00

RESEARCH ORIENTATN HORT 530 2 CR.
 2306005 M 5:10-6:00PM
 W 3:10-6:00PM

INTRO DNA TECHNIQS HORT 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3106005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:AUG 25-SEPT 24

INTRO CELL TECHNIQS HORT 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3107005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:NOV 3-DEC 10

INTR PROTEOMCS TCNQ HORT 542E 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3168005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:SEPT 29-OCT 29

SPECIAL TOPICS HORT 590 VAR. CR.
 PREREQ: A MAJOR OR MINOR IN HORTICULTURE
 ***** SEE DEPT FOR REFERENCE NUMBERS

WKSHP GREENHS CROPS HORT 593A VAR. CR.
 4339005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

WKSHP NURSERY CROPS HORT 593B VAR. CR.
 4340005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

WORKSHOP TURFGRASS HORT 593C VAR. CR.
 4341005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

HORTICULTURE

WORKSHP FRUIT CROPS HORT 593D VAR. CR.
 4342005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

WORKSHOP VEG CROPS HORT 593E VAR. CR.
 4343005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

WKSHP CROSS-COMMODT HORT 593F VAR. CR.
 4344005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

WKSHP LANDSCAP HORT HORT 593G VAR. CR.
 4094005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

CREATIVE COMPONENT HORT 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR HORT 610 1 CR.
 SATISFACTORY-FAIL ONLY.
 4346005 A M 4:10-5:00

ADVANCED TOPICS HORT 690 VAR. CR.
 4348005 ARRANGED

RESEARCH SEMINAR HORT 696 1 CR.
 SATISFACTORY-FAIL ONLY.
 8833005 W 4:10-5:30

RSRCH GREENHSE CROP HORT 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH NURSERY CROPS HORT 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TURFGRASS HORT 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FRUIT CROPS HORT 699D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH VEG CROPS HORT 699E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CROSS-COMMODT HORT 699F VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH LANDSCAP HORT HORT 699G VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

**HOTEL RESTAURANT & INSTITUTION
 MGMT**

INTRO HOSPTLY INDUS HRI 101 3 CR.
 7306005 1A TR 2:10-3:25
 SECTION 1A RESTRICTED TO HRI MAJORS
 ONLY
 7306010 1B TR 2:10-3:25
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN HRI

HOSPTLT WORK EXPRNC HRI 193 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: APPROVED WORK EXPERIENCE IN FOODSERVICE,
 LODGING, OR RELATED OPERATNS. A MINIMUM OF 200
 HOURS
 REQUIRED PRIOR TO COMPLETING ONE YEAR IN THE
 PROGRAM.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOSP SANITAT&SAFETY HRI 233 3 CR.
 CREDIT FOR EITHER HRI 392, OR HRI 233 AND
 HRI 333 MAY BE APPLIED TOWARD GRADUATION
 MATERIALS FEE \$0.00-\$100.00
 4435005 1A MWF 10:00-10:50
 SEC 1A RESTRICTED TO HRI, CS A, CS H
 MAJORS ONLY
 4435010 1B MWF 10:00-10:50
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN HRI,
 CS A, CS H

PRIVATE CLUB OPRNTS HRI 289 2 CR.
 PREREQ: 101
 FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
 9247005 1 MW 2:10-4:00
 SECT 1:2ND HALF

HSPTLTY COST CONTRL HRI 333 3 CR.
 PREREQ: CR OR ENR IN 380, 380L; MATH 104 OR 150;
 COM S 103
 CREDIT FOR EITHER HRI 392, OR HRI 233 AND
 HRI 333 MAY BE APPLIED TOWARD GRADUATION
 FIELD TRIPS & TRAVEL FEE \$0.00-\$110.00
 5747005 1 TR 2:10-3:25

LODGING OPER MGT I HRI 352 3 CR.
 PREREQ: CR. OR ENROLLMENT IN 101
 9578005 1 MF 9:00-9:50
 W 9:00-9:50
 9578010 2 MF 9:00-9:50
 W 10:00-10:50

QUANT FOOD PROD MGT HRI 380 3 CR.
 PREREQ: 233 OR 2 CR MICRO; FS HN 111 OR 214,
 JUNIOR CLASSIFICATION, ENROLLMENT IN HRI 380L
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4358005 TR 8:00-9:20

QUANT FOOD PROD&MGT HRI 380L 2 CR.
 PREREQ: 233 OR 2 CR. MICRO, FS HN 111 OR 214,
 JUNIOR CLASSIFICATION, ENROLLMENT IN 380,
 RESERVATION
 WITH PROGRAM REQUIRED
 MATERIALS FEE \$0.00-\$100.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4359005 1 MW 10:00-1:00
 4359010 2 MF 10:00-1:00
 4359015 3 TR 10:00-1:00
 4359020 4 WF 10:00-1:00

HOTEL RESTAURANT & INSTITUTION MGMT

HOTEL RESTAURANT & INSTITUTION MGMT

FIELD STUDY HRI 382 1- 3 CR.
 PREREQ: PERMISSION BY APPLICATION
 COURSE ONLY OFFERED FOR 2 CREDITS FALL 2008
 6766005 1 ARRANGED

INTRO WINE, BEER, SPI HRI 383 2 CR.
 PREREQ: MUST BE AT LEAST 21 YEARS OLD
 MATERIALS FEE \$60.00-\$100.00
 4108005 R 3:40-5:30
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

FOODSERVICE MGT I HRI 391 3 CR.
 PREREQ: CR OR ENROLLMENT IN 380, 380L
 CREDIT IN HRI 391 MAY NOT BE APPLIED TOWARD
 THE DEGREE REQUIREMENTS FOR THE MAJOR IN HRI.
 CREDIT FOR EITHER HRI 391, OR HRI 287 AND HRI 438
 MAY BE APPLIED TOWARD GRADUATION.
 MATERIALS FEE \$0.00-\$100.00
 7618005 1 MW 1:10-2:25

HOSPITLTY WORK EXP I HRI 393 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 101, 193, 233, 287; ADVISER APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOSPITLTY INFO TECH HRI 437 3 CR.
 PREREQ: 352
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4364005 1 MWF 1:10-2:00

ADV H HUM RESRC MGT HRI 439 3 CR.
 PREREQ: 438
 4366005 MWF 8:00-8:50

FINE DINING MANAGMT HRI 487 3 CR.
 PREREQ: 380, 380L, CREDIT OR ENROLLMENT IN 333
 MATERIALS FEE \$150.00-\$250.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4375005 W 2:10-5:00
 W 5:10-9:00PM
 THE 5-9 P.M. TIME ONLY MEETS 6 TIMES
 PER SEMESTER

IND ST HOSPLITY MGT HRI 490B VAR. CR.
 PREREQ: PROGRAM APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HRI 490D VAR. CR.
 PREREQ: PROGRAM APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FOODSRVC OP HRI 490E VAR. CR.
 PREREQ: PROGRAM APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HRI 490H VAR. CR.
 PREREQ: PROGRAM APPROVAL, FULL MEMBERSHIP IN
 HONORS PROGRAM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP FOODSERV HRI 491A 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 193, 287, 352 OR 380, 380L; ADVISOR
 APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LODGING HRI 491B 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 352 OR 380, 380L; ADVISER APPROVAL.
 EXPERIENCE IN AT LEAST TWO DIFFERENT POSITIONS &
 SUPERVISORY RESPONSIBILITIES.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HRI 498 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 6717005 ARRANGED

SEM N HOSPITLTY RSRCH HRI 504A 1 CR.
 5757005 1 R 1:10-3:00

HR DEV FDSRVC&LODGN HRI 538 3 CR.
 PREREQ: 438
 5977005 ARRANGED

MARKETING STRATEGY HRI 540 3 CR.
 PREREQ: 340
 2748005 ARRANGED

PRO EXPRNC FDS&LODGN HRI 575 2 CR.
 PREREQ: ACCEPTED IN HRIM GRADUATE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

FINE DINING MANAGMT HRI 587 3 CR.
 PREREQ: 380, 380L, CREDIT OR ENROLLMENT IN 333
 MATERIALS FEE \$150.00-\$250.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4391005 W 2:10-5:00
 W 5:10-9:00PM
 THE 5-9 P.M. TIME ONLY MEETS 6 TIMES
 PER SEMESTER

SP TOP HOSPITLTY MGT HRI 590B VAR. CR.
 PREREQ: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP FOOD SERV OP HRI 590E VAR. CR.
 PREREQ: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOTEL RESTAURANT & INSTITUTION MGMT

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

PROFESSIONL WRITING HRI 604 2 CR.
 8484005 1 W 1:10-3:00

ADMINISTRA PROBLEMS HRI 608 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4399005 ARRANGED

ADV HOSP FINANC MGT HRI 633 3 CR.
 PREREQ: 533
 4397005 ARRANGED

ADV LODGING OPERATN HRI 652 3 CR.
 PREREQ: ENROLLMENT IN PH D PROGRAM
 3497005 1 ARRANGED

HRIM TEACHING EXPER HRI 675 1- 2 CR.
 PREREQ: ACCEPTED IN PH D PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

HUMAN COMPUTER INTERACTION

PRIN 3D CHAR ANIMAT HCI 407 3 CR.
 PREREQ: ARTIS 308
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4388005 MWF 10:00-11:50

COGNI PSY HUMN&CPTR HCI 521 3 CR.
 PREREQ: GRADUATE CLASSIFICATION OR INSTRUCTOR
 PERMISSION
 1875005 A TR 2:10-3:30
 1875600 XE TR 2:10-3:30 GILBERT S
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO

TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE
 REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

SPECIAL TOPICS HCI 590 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM HUMN CPR NTRACT HCI 591 1- 3 CR.
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 3509005 A F 12:10-1:00

ENTREPRENRSHP WKSHP HCI 592 1 CR.
 SATISFACTORY-FAIL ONLY.
 8500005 W 1:10-2:00

HUMAN COMPUTER INTERACTION

HCI:ORGZ&SOC IMPLIC HCI 655 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 6969005 A T 3:40-6:40PM

RESEARCH HCI 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

INDV&FAM LIFE DEVEL HD FS 102 3 CR.
 3491005 1 TR 11:00-12:15 BROOKE C
 SECTION 1 RESTRICTED TO FRESHMEN AND

SOPHOMORES
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 3491010 2 TR 11:00-12:15 BROOKE C
 SECTION 2 RESTRICTED TO FRESHMAN AND

SOPHOMORE HUMAN SCIENCES COLLEGE MAJORS ONLY
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 3491015 3 TR 9:30-10:45 BALTIMORE D
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

LRN CMUNTY ORIENTAT HD FS 110 2 CR.
 PREREQ: MEMBERSHIP IN HD FS LEARNING COMMUNITY
 COURSE RESTRICTED TO CH FS, ECE FRESHMEN ONLY
 5975005 MW 11:00-11:50 WALSH P

SYLLABUS: <http://www.hs.iastate.edu/online/>

ERLY CHLDHED ED ORIE HD FS 208 1 CR.
 SATISFACTORY-FAIL ONLY.
 4390005 W 3:10-4:00

STUDY TOUR&SRVC LRN HD FS 218 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 102

COURSE RESTRICTED TO CH FS, ECE, F R M, FFHP,
 H N E, HD FS MAJORS ONLY
 FIELD TRIPS & TRAVEL FEE \$15.00

2190005 W 2:10-4:00 TORRIE M
 SYLLABUS: <http://www.hs.iastate.edu/online/>

DEV&GUID: BIRTH-2YR HD FS 220 3 CR.
 PREREQ: 102

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.
 4252005 1 TR 1:10-2:00 DRAPER D
 M 8:00-10:50

DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>

4252010 2 TR 1:10-2:00 DRAPER D
 T 8:00-10:50
 DEPARTMENT PERMISSION REQUIRED 1ST

WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>

4252015 3 TR 1:10-2:00 DRAPER D
 W 8:00-10:50
 DEPARTMENT PERMISSION REQUIRED 1ST

WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>

4252020 4 TR 1:10-2:00 DRAPER D
 R 8:00-10:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>

HUMAN DEVELOPMENT & FAMILY STUDIES

DEV&GUID: BIRTH-2YR HD FS 220 3 CR.
 4252025 5 TR 1:10-2:00 DRAPER D
 F 8:00-10:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4252030 6 TR 1:10-2:00 DRAPER D
 M 9:00-11:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 4252035 7 TR 1:10-2:00 DRAPER D
 T 9:00-11:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 4252040 8 TR 1:10-2:00 DRAPER D
 W 9:00-11:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 4252045 9 TR 1:10-2:00 DRAPER D
 R 9:00-11:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 4252050 10 TR 1:10-2:00 DRAPER D
 F 9:00-11:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 4252055 11 TR 1:10-2:00 DRAPER D
 M 2:30-5:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 4252060 12 TR 1:10-2:00 DRAPER D
 T 2:30-5:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 4252065 13 TR 1:10-2:00 DRAPER D
 W 2:30-5:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 4252070 14 TR 1:10-2:00 DRAPER D
 R 2:30-5:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 4252075 15 TR 1:10-2:00 DRAPER D
 F 2:30-5:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>

DEVEL&GUID: AGE 3-8 HD FS 221 3 CR.
 PREREQ: 102
 LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST LECTURE
 CLASS
 4253005 1 TR 11:00-12:15
 M 3:10-4:00
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>

DEVEL&GUID: AGE 3-8 HD FS 221 3 CR.
 4253010 2 TR 11:00-12:15
 T 3:10-4:00
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253015 3 TR 11:00-12:15
 W 3:10-4:00
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253020 4 TR 11:00-12:15
 R 3:10-4:00
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253025 5 TR 11:00-12:15
 F 3:10-4:00
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253030 6 TR 11:00-12:15
 M 12:30-1:20
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253035 7 TR 11:00-12:15
 T 12:30-1:20
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253040 8 TR 11:00-12:15
 W 12:30-1:20
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253045 9 TR 11:00-12:15
 R 12:30-1:20
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253050 10 TR 11:00-12:15
 F 12:30-1:20
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253055 11 TR 11:00-12:15
 M 4:10-5:00
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253060 12 TR 11:00-12:15
 T 4:10-5:00
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253065 13 TR 11:00-12:15
 W 4:10-5:00
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253070 14 TR 11:00-12:15
 R 4:10-5:00
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 4253075 15 TR 11:00-12:15
 F 4:10-5:00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

HUMAN DEVELOPMENT & FAMILY STUDIES

DEVL MID CHILDHOOD HD FS 226 3 CR.
 PREREQ: 102 OR PSYCH 230
 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.
 2193010 1 TR 9:30-10:45 TORRIE M
 M 3:10-6:00PM
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 2193015 2 TR 9:30-10:45 TORRIE M
 T 3:10-6:00PM
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 2193020 3 TR 9:30-10:45 TORRIE M
 W 3:10-6:00PM
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 2193025 4 TR 9:30-10:45 TORRIE M
 R 3:10-6:00PM
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 2193030 5 TR 9:30-10:45 TORRIE M
 F 3:10-6:00PM
 SYLLABUS: <http://www.hs.iastate.edu/online/>

ADOLESCENT DEVELPMT HD FS 227 3 CR.
 PREREQ: 102 OR PSYCH 101 OR 230
 6972005 1 TR 11:00-12:15 CRASE S
 SYLLABUS: <http://www.hs.iastate.edu/online/>

LIT FOR CHILDREN HD FS 240 3 CR.
 PREREQ: 102 OR PSYCH 230
 MEETS U.S. DIVERSITY REQMT.
 2194005 1 TR 3:40-4:55 POPILLION A
 SECTION 1 RESTRICTED TO CH FS, ECE,
 EL ED MAJORS
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 2194010 2 TR 3:40-4:55 POPILLION A
 SYLLABUS: <http://www.hs.iastate.edu/online/>

RSRCH IN HUM DV&FAM HD FS 269 3 CR.
 PREREQ: 102 OR PSYCH 230
 2197005 1 MWF 10:00-10:50 LEMPERS J
 SYLLABUS:
<http://www.hs.iastate.edu/online/>

FAMILY RELATIONSHPS HD FS 270 3 CR.
 PREREQ: 102 OR PSYCH 230
 COURSE RESTRICTED TO CH FS, ECE, FFHP MAJORS ONLY
 7012005 1 TR 12:40-1:55 CRASE S

HUMAN SEXUALITY HD FS 276 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 3496005 1 TR 12:40-1:55 POPILLION A
 SECTN 1 RESTRICTED TO C H E, CH FS,
 FCEDS MAJORS
 SYLLABUS: <http://www.hs.iastate.edu/online/>
 3496010 2 TR 12:40-1:55 POPILLION A
 SYLLABUS: <http://www.hs.iastate.edu/online/>

PRSNL&FAMILY FINANC HD FS 283 3 CR.
 3499005 1 MWF 12:10-1:00 BORKOWSKI D
 SYLLABUS: <http://www.hs.iastate.edu/online/>

FLD EXP EARLY CHILD HD FS 317A 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 343, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY SERV HD FS 317B 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP EARLY SP ED HD FS 317C 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 220, 221, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EX CARE 5+YR OLD HD FS 317D 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 226, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP INF/TODDLER HD FS 317E 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 340, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXPRNC RESEARCH HD FS 317F 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 269, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMLY FNANC HD FS 317G 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP HOUS PROG HD FS 317K 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ASS'MT&CUR:BRTH-2YR HD FS 340 4 CR.
 PREREQ: 220
 COURSE RESTRICTED TO ECE SOPHOMORES, JUNIORS
 AND SENIORS. LAB PLACEMENT LOCATIONS ASSIGNED AT
 FIRST LECTURE CLASS.
 PROFESSIONAL SUPPORT FEE \$25.00
 8686005 1 TR 2:10-3:25 HUGHES K
 M 9:00-12:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 8686010 2 TR 2:10-3:25 HUGHES K
 T 9:00-12:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 8686015 3 TR 2:10-3:25 HUGHES K
 W 9:00-12:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 8686020 4 TR 2:10-3:25 HUGHES K
 R 9:00-12:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>
 8686025 5 TR 2:10-3:25 HUGHES K
 F 9:00-12:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:
<http://www.hs.iastate.edu/online/>

HUMAN DEVELOPMENT & FAMILY STUDIES**HUMAN DEVELOPMENT & FAMILY STUDIES**

HOUSING FINANC&PLCY HD FS 341 3 CR.
 PREREQ: 6 CREDITS IN SOCIAL SCIENCES
 3500005 1 MWF 2:10-3:00
 SYLLABUS: <http://www.hs.iastate.edu/online/>

ASS'MT&PROG:AGE 3-6 HD FS 343 4 CR.
 PREREQ: 221; 240; 269 OR PSYCH 332 OR 333
 COURSE RESTRICTED TO ECE SOPHOMORES, JUNIORS
 AND SENIORS ONLY. LAB PLACEMENT LOCATIONS
 ASSIGNED AT FIRST LECTURE CLASS.
 PROFESSIONAL SUPPORT FEE \$25.00
 2205005 1 TR 3:40-4:55 COLBERT K
 M 9:00-12:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:

<http://www.hs.iastate.edu/online/>
 2205010 2 TR 3:40-4:55 COLBERT K
 T 9:00-12:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:

<http://www.hs.iastate.edu/online/>
 2205015 3 TR 3:40-4:55 COLBERT K
 W 9:00-12:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:

<http://www.hs.iastate.edu/online/>
 2205020 4 TR 3:40-4:55 COLBERT K
 R 9:00-12:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:

<http://www.hs.iastate.edu/online/>
 2205025 5 TR 3:40-4:55 COLBERT K
 F 9:00-12:30
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS: <http://www.hs.iastate.edu/online/>

CHILD EARLY CARE&ED HD FS 344 4 CR.
 PREREQ: 220 OR 221
 COURSE RESTRICTED TO CH FS MAJORS ONLY
 PROFESSIONAL SUPPORT FEE \$25.00
 1351005 1 TR 11:00-12:15 MAUDE S
 M 2:10-6:00PM
 SYLLABUS:

<http://www.hs.iastate.edu/online/>
 1351010 2 TR 11:00-12:15 MAUDE S
 T 2:10-6:00PM
 SYLLABUS:

<http://www.hs.iastate.edu/online/>
 1351015 3 TR 11:00-12:15 MAUDE S
 W 2:10-6:00PM
 SYLLABUS:

<http://www.hs.iastate.edu/online/>
 1351020 4 TR 11:00-12:15 MAUDE S
 R 2:10-6:00PM
 SYLLABUS:

<http://www.hs.iastate.edu/online/>
 1351025 5 TR 11:00-12:15 MAUDE S
 F 2:10-6:00PM
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

ADAPT PROG INCL SET HD FS 345 3 CR.
 PREREQ: CR OR CONCURRENT ENRLMT IN 340 OR 343;
 SP ED 250
 COURSE RESTRICTED TO CH FS, ECE JUNIORS & SENIORS
 4449005 1 TR 12:40-1:55 LUZE G
 ARRANGED
 SYLLABUS:

FAMILY DIVERSITY ISS HD FS 349 3 CR.
 PREREQ: 102 OR PSYCH 230; HD FS 270
 COURSE RESTRICTED TO CH FS, ECE, FCEDS, F R M,
 FFHP, H N E MAJORS ONLY
 MEETS U.S. DIVERSITY REQMT.
 2207005 1 TR 9:30-10:45 HUGHES K
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

HOUS&SERV FAM&CHILD HD FS 360 3 CR.
 PREREQ: 6 CREDITS IN SOCIAL SCIENCES
 MEETS U.S. DIVERSITY REQMT.
 3501005 1 MWF 9:00-9:50
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

ABUSE&ILL IN FAMILI HD FS 367 3 CR.
 PREREQ: 102 OR PSYCH 230; HD FS 270
 COURSE RESTRICTED TO CH FS, ECE, F R M, FCEDS,
 FFHP, H N E MAJORS ONLY
 9193005 MWF 11:00-11:50
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

DEATH PART OF LIVNG HD FS 373 3 CR.
 PREREQ: 102
 FIELD TRIPS & TRAVEL FEE \$15.00
 3505005 1 TR 3:40-4:55
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

AGING & THE FAMILY HD FS 377 3 CR.
 PREREQ: 102
 MEETS U.S. DIVERSITY REQMT.
 3506005 1 TR 9:30-10:45 MARTIN P
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

ECONOMICS OF AGING HD FS 378 3 CR.
 PREREQ: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS
 5751005 TR 2:10-3:25 MACDONALD M

CHLD, FAM&PUB POLCY HD FS 395 3 CR.
 PREREQ: 6 CREDITS IN SOCIAL SCIENCES
 COURSE RESTRICTED TO CH FS, ECE, F R M, FFHP,
 H N E MAJORS ONLY
 1155005 1 TR 9:30-10:45 GARASKY S
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

SUPR TCHG PRESCHOOL HD FS 417B 8 CR.
 PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUC
 PROGRAM, 455; 456
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$164.00
 2212005 ARRANGED

SUP TCH EARLY SP ED HD FS 417C 8 CR.
 PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION PROGRAM, 455; 456
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$164.00
 2213005 ARRANGED

HUMAN DEVELOPMENT & FAMILY STUDIES

LINK FAMLY&COMMUNTY HD FS 449 3 CR.
 PREREQ: 269 OR PSYCH 332 OR 333, SR CLASSIFICATN
 COURSE RESTRICTED TO CH FS, F R M, FCEDS,
 FFHP, H N E SENIORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2221005 1 M 5:30-8:10PM
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

CURR--AGES 3 THRU 6 HD FS 455 4 CR.
 PREREQ: 343, 345, SP ED 355 AND 455
 PROFESSIONAL SUPPORT FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2222005 1 TR 12:40-1:55 KROGH J
 M 8:00-11:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

2222010 2 TR 12:40-1:55 KROGH J
 T 8:00-11:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

2222015 3 TR 12:40-1:55 KROGH J
 W 8:00-11:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

2222020 4 TR 12:40-1:55 KROGH J
 R 8:00-11:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

2222025 5 TR 12:40-1:55 KROGH J
 F 8:00-11:50
 DEPARTMENT PERMISSION REQUIRED 1ST
 WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

FAM-CNT SUPPRT CHIL HD FS 456 3 CR.
 PREREQ: 340, 345
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7563005 1 TR 2:10-3:25 MAUDE S
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

FAMILY INTERACT DYN HD FS 479 3 CR.
 PREREQ: 102 OR EQUIVALENT; 269 OR EQUIVALENT;
 9 HOURS IN SOCIAL SCIENCE; JUNIOR OR SENIOR
 STATUS

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3524005 1 TR 2:10-3:25 LOHMAN B
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

ADMIN OF HUMN SERVC HD FS 486 3 CR.
 PREREQ: JUNIOR CLASSIFICATION; 6 CREDITS IN HD FS
 AT 300 LEVEL AND ABOVE
 3619005 1 MWF 1:10-2:00 ENLOE L
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

FINANCIAL COUNSELNG HD FS 489 3 CR.
 PREREQ: 283
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3537005 1 MWF 10:00-10:50 BORKOWSKI D

HUMAN DEVELOPMENT & FAMILY STUDIES

FINANC COUNSEL LAB HD FS 489L 1- 4 CR.
 PREREQ: 489
 8102005 ARRANGED

IND STU CHILD&FAMLY HD FS 490A VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HOUSING HD FS 490B VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FAMLY FINAN HD FS 490C VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EARLY EDUC HD FS 490F VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST EARLY SPL ED HD FS 490G VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CR.
 PREREQ: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST HUM DEV&FMLY HD FS 490I VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY POLICY PRG HD FS 490L VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 8 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 449; INSTRUCTOR PERMISSN, SENIOR CLASSIF
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HD FS 499 1- 6 CR.
 PREREQ: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSED TO WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRAD ORIENTATION HD FS 501 R CR.
 3543005 1 W 12:10-1:00 DRAPER D
 SEC 1 DOES NOT MEET EVERY WEEK. CLASS
 DATES TO
 BE ANNOUNCED AT FIRST MEETING.
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

QLTVE RSRCH MTHDS I HD FS 504 3 CR.
 PREREQ: 9 CREDITS OF SOCIAL SCIENCES
 7641005 W 6:00-8:40PM COOK C
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

THEORIES HUMAN DEVE HD FS 510 3 CR.
 PREREQ: 9 CREDITS OF SOCIAL SCIENCE
 7702005 T 6:00-8:40PM DRAPER D
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

HUMAN DEVELOPMENT & FAMILY STUDIES

HUMAN DEVELOPMENT & FAMILY STUDIES

FAMILY THEORY HD FS 511 3 CR.
 PREREQ: 9 CREDITS IN SOCIAL SCIENCES
 7701005 M 6:00-8:40PM MARGRETT J

SYLLABUS:
<http://www.hs.iastate.edu/online/>

THRY&RES EARLY CHLD HD FS 525 3 CR.
 PREREQ: 510 OR 6 CREDITS IN SOCIAL SCIENCES
 2233005 R 6:00-8:40PM HEGLAND S

ADULT DEVELOPMENT HD FS 534 3 CR.
 1287005 1 TR 3:40-4:55 RUSSELL D
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

MODLS MAR&FAM THERA HD FS 578 3 CR.
 PREREQ: 9 CREDITS IN SOCIAL SCIENCES
 8763005 W 9:00-11:30

INVESTG&FAMLY FUTUR HD FS 583 3 CR.
 PREREQ: 483
 3655600 XF ARRANGED SWANSON P

ADMINISTRATIVE

SECTION XF OR

PROCESS

PURPOSES ONLY. REGISTER FOR FFP 583

HD FS 583 SECTION XW INSTEAD.
 DEPARTMENT PERMISSION REQUIRED;

APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XF IS OFF CAMPUS.
 DELIVERY IS WWW

3655605 XH ARRANGED SWANSON P
 SECT XH:AUG 24-DEC 18
 HD FS 583 SECTION XH EXISTS FOR

ADMINISTRATIVE

SECTION XH OR

PROCESS

PURPOSES ONLY. REGISTER FOR FFP 583

HD FS 583 SECTION XW INSTEAD.
 DEPARTMENT PERMISSION REQUIRED;

APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW

3655610 XW ARRANGED SWANSON P
 SECT XW:AUG 24-DEC 18
 CONTACT KAREN SMIDT FOR PERMISSION TO

REGISTER AT

515-294-5397/KSMIDT@IASTATE.EDU.
 DEPARTMENT PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

DIVERSTY ISSU THERA HD FS 587 3 CR.
 8771005 M 9:00-11:30 MURPHY M

FAMILY ECON&PUB POL HD FS 588 3 CR.
 PREREQ: 6 CREDITS IN SOCIOLOGY OR ECONOMICS
 3561005 TR 9:30-10:45 FLETCHER C

FINANCIAL COUNSELNG HD FS 589 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 7583005 1 MWF 10:00-10:50

FINANC COUNSEL LAB HD FS 589L 1- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION
 3510005 ARRANGED

SPCL TOP FAMILY STU HD FS 590A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS HOUSING HD FS 590B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMLY FINAN HD FS 590C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN DEVEL HD FS 590D VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CHILD DEVEL HD FS 590E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY EDUC HD FS 590F VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY SP ED HD FS 590G VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP HUMAN,FAMILY HD FS 590I VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP FAMLY POLCY HD FS 590N VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP FAM STUDI HD FS 591A VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP HOUSING HD FS 591B VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

INTERNSHP HUM DEVEL HD FS 591D VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP CHILD DEV HD FS 591E VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

HUMAN DEVELOPMENT & FAMILY STUDIES

INTERNSHP EARLY ED HD FS 591F VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN EARLY SPL ED HD FS 591G VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV,FAMLY HD FS 591I VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP THERAPY HD FS 591M VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN FAMLY POLICY HD FS 591N VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV QUALITATIVE RES HD FS 604 3 CR.
 PREREQ: 503
 3586005 TR 11:00-12:15 BROTHERSON M
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

MULTILEVEL MODELING HD FS 605 3 CR.
 PREREQ: STAT 404
 4472005 W 6:00-8:40PM WICKRAMA K

ECSE SEMINAR HD FS 616E 1 CR.
 8573005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 SYLLABUS:

<http://www.hs.iastate.edu/online/>

ADV TOP FAMILY STDI HD FS 690A VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS HOUSING HD FS 690B VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMLY FINAN HD FS 690C VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN DEVEL HD FS 690D VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CHILD DEVEL HD FS 690E VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY EDUC HD FS 690F VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY SP ED HD FS 690G VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN,FAMLY HD FS 690I VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS THERAPY HD FS 690M VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAM THRPY INTERNSHP HD FS 691C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO EXPER INTERNSHP HD FS 691D VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY STUDIE HD FS 699A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HOUSING HD FS 699B VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY FINANC HD FS 699C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HUMAN DEV HD FS 699D VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CHILD DEV HD FS 699E VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CHLDHD ED HD FS 699F VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CH SPL ED HD FS 699G VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MAR&FAM THERAPY HD FS 699M VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

RSRCH FAMILY POLICY HD FS 699N VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN SCIENCES

DIALOG ON DIVERSITY H SCI 150 1 CR.
 SATISFACTORY-FAIL ONLY.
 MEETS U.S. DIVERSITY REQMT.
 6929010 1 M 1:10-3:00
 SECT 1:2ND HALF
 6929015 2 T 1:10-3:00
 SECT 2:2ND HALF
 6929020 3 W 1:10-3:00
 SECT 3:2ND HALF
 6929025 4 M 3:10-5:00
 SECT 4:2ND HALF
 6929030 5 T 3:10-5:00
 SECT 5:2ND HALF

IMMUNOBIOLOGY

CURR TP WKSHP IMNOL IMBIO 602 1 CR.
 5723005 ARRANGED
 SPECIAL TOPICS IMBIO 690 VAR. CR.
 5986005 ARRANGED
 GRAD RSEARCH ROTATN IMBIO 697 VAR. CR.
 5991005 ARRANGED
 RESEARCH IMBIO 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

INDUS ENGR PROFESSN I E 101 R CR.
 SATISFACTORY-FAIL ONLY.
 4402005 A T 3:40-5:00
 INFO ENGINEERING I E 148 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 142
 5037005 1 MW 8:00-9:50
 ENGR SYS DSGN,MANUF I E 248 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 101 AND
 MAT E 272
 MATERIALS FEE \$20.00
 5808005 1 MWF 10:00-10:50
 T 8:00-9:50
 5808010 2 MWF 10:00-10:50
 R 8:00-9:50
 5808015 3 MWF 10:00-10:50
 T 10:00-11:50
 5808020 4 MWF 10:00-10:50
 R 10:00-11:50
 5808025 5 MWF 10:00-10:50
 T 1:10-3:00
 5808030 6 MWF 10:00-10:50
 R 1:10-3:00

INDUSTRIAL ENGINEERING

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

ENGR ECONOMIC ANALY I E 305 3 CR.
 PREREQ: MATH 166
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4425005 A1 MWF 1:10-2:00
 SECTION A1 RESTRICTED TO I E MAJORS
 ONLY
 4425010 A2 MWF 1:10-2:00
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN I E
 4425015 B1 TR 12:40-2:00
 SECTION B1 RESTRICTED TO I E MAJORS
 ONLY
 4425020 B2 TR 12:40-2:00
 SECTION B2 RESTRICTED TO MAJORS OTHER
 THAN I E

OPTIMIZATION I E 312 3 CR.
 PREREQ: MATH 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4410005 A1 MWF 11:00-11:50
 SECTION A1 RESTRICTED TO I E MAJORS
 ONLY
 4410010 A2 MWF 11:00-11:50
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN I E

PRODUCTION SYSTEMS I E 341 3 CR.
 PREREQ: STAT 231; CR OR ENROLLMENT IN I E 312
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4413005 A1 MWF 9:00-9:50
 SECTION A1 RESTRICTED TO I E MAJORS
 4413010 A2 MWF 9:00-9:50
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN I E

STAT QUALITY ASSURN I E 361 3 CR.
 PREREQ: STAT 231 OR 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4416005 A1 ARRANGED, T 3:40-5:40
 SEC A1 TWO-HOUR LECTURE DELIVERY IS
 WWW.
 RESTRICTED TO I E MAJORS ONLY.
 4416010 A2 ARRANGED, T 3:40-5:40
 SEC A2 TWO-HOUR LECTURE DELIVERY IS
 WWW.
 RESTRICTED TO MAJORS OTHER THAN I
 E.

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

COOPERATIVE EDUCATN I E 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSN OF DEPARTMNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTDISCIP PROB SOLV I E 408 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5899005 A MW 9:00-11:50
 SECT A:1ST 9 WKS

INDUSTRIAL ENGINEERING

INDUSTRIAL ENGINEERING

INTDISCP SYS EFFCTV I E 409 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5998010 MTWRF 8:30-5:30
 AUG 10-21

STOCHAST MODL, SIMUL I E 413 4 CR.
 PREREQ: MATH 267, STAT 231
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7013005 A MTW 2:10-3:00
 R 2:10-3:00
 7013010 B MTW 2:10-3:00
 R 3:10-4:00

INDUSTR ENGR DESIGN I E 441 3 CR.
 PREREQ: 248, 271, 361; CREDIT OR ENROLLMENT IN
 341, 413, AND 448
 COURSE RESTRICTED TO I E, IMSE MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4432005 A T 12:40-2:00
 TR 9:00-11:50
 4432010 B T 12:40-2:00
 TR 2:10-5:00

ENGRS TECHNCL SALES I E 450X 3 CR.
 PREREQ: 305 OR PERMISSION OF INSTRUCTOR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8885005 MWF 3:10-4:00
 8885600 XE MWF 3:10-4:00 SLY D
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS IN ADDITION TO

TUITION AND FEES. COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

MULTIDISC ENGR DSGN I E 466 3 CR.
 PREREQ: STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR
 1902005 1 T 11:00-11:50
 ARRANGED
 1902010 2 T 11:00-11:50
 ARRANGED
 1902015 3 T 11:00-11:50
 ARRANGED
 1902020 4 T 11:00-11:50
 ARRANGED

E-COMMERCE SYS ENGR I E 481 3 CR.
 PREREQ: 148
 7818005 TR 11:00-12:15
 7818600 XE TR 11:00-12:15 JACKMAN J
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS IN ADDITION TO
 TUITION AND FEES. COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

IND STDY MANUFACTRG I E 490A 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HUMAN FACTR I E 490B 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU OPER RESRCH I E 490C 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU ENTPRSE CMP I E 490D 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENGR MGT I E 490E 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490H 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 UNIV HONORS PROGRAM MEMBERSHIP
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSN OF DEPRTMNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

MS RSRCH BASICS&CMM I E 501 R CR.
 3550005 W 4:10-5:00
 3550600 XE ARRANGED RYAN S
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS IN ADDITION TO
 TUITION AND FEES. COURSE DELIVERY IS VIDEOSTREAMING.

ON LINE REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS INDEPENDENT STUDY

ANALY STOCHASTC SYS I E 513 3 CR.
 PREREQ: STAT 231
 6974005 TR 9:30-10:45
 6974600 XE TR 9:30-10:45 RYAN S
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS IN ADDITION TO
 TUITION AND FEES. COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

INDUSTRIAL ENGINEERING

INDUSTRIAL ENGINEERING

PRODUCTION SCHEDULE I E 514 3 CR.
 PREREQ: 312, 341
 4451005 MWF 10:00-10:50

LINEAR PROGRAMMING I E 534 3 CR.
 PREREQ: 312
 4459005 MWF 9:00-9:50
 4459600 XE MWF 9:00-9:50 WANG L
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS IN ADDITION TO
 TUITION AND FEES.

COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE STUDENTS ONLY.
 ALL OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.

SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

RELIABILITY&SAFTY ENG I E 537 3 CR.
 PREREQ: STAT 231 OR STAT 401
 7624005 TR 2:10-3:30

RAPID PROTOTYP &MFG I E 545 3 CR.
 PREREQ: 248 OR SIMILAR MANUFACTURING EXPERIENCE
 3554005 MWF 11:00-11:50
 3554600 XE MWF 11:00-11:50 FRANK M
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IS IN ADDITION TO

TUITION AND FEES. COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE STUDENTS ONLY.
 ALL OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.

SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

SYST ENGR &ANALYSIS I E 565 3 CR.
 PREREQ: COURSEWORK IN BASIC STATISTICS
 I E MAJORS MAY NOT APPLY CREDIT IN I E/E E/AER E
 565 TOWARD DEGREE REQUIREMENTS

8932005 A TR 8:00-9:15
 8932600 XE TR 8:00-9:15 GEMMILL D
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE IN IN ADDITION TO
 TUITION AND FEES. COURSE DELIVERY IS VIDEOSTREAMING.
 ONLINE REGISTRATION IS RESTRICTED TO DISTANCE
 STUDENTS.

ALL OTHERS CONTACT EDE AT 515-294-
 7470 FOR PERMISSION TO REGISTER.

SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

OCCUPATN BIOMECHNCS I E 571 3 CR.
 PREREQ: EM 274, STAT 231
 2545005 A T 4:10-7:00PM
 2545600 XE T 4:10-7:00PM

SECT XE:AUG 24-DEC 18
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

HUMAN FACTORS I E 577 3 CR.
 PREREQ: IE 271, STAT 231 OR STAT 401
 5442005 M 3:10-6:00PM
 5442600 XE M 3:10-6:00PM STONE R

SECT XE:AUG 24-DEC 18
 5DELIVERY FEE IS IN ADDITION TO
 TUITION AND FEES.

ALL STUDENTS CONTACT EDE AT 515-
 294-7470 FOR
 PERMISSION TO REGISTER.

HUMAN FACTORS I E 577 3 CR.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

E-COMMERCE SYS ENGR I E 581 3 CR.
 PREREQ: 148
 7817005 TR 11:00-12:15
 7817600 XE TR 11:00-12:15 JACKMAN J

SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.

COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE

REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL

OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION

TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

KNOWLEDGE DISCOVERY I E 583 3 CR.
 PREREQ: 148, 312, STAT 231
 7176605 XM ARRANGED

SECT XM:AUG 24-OCT 19
 FOR DUEL-DEGREE PROGRAM STUDENTS
 ONLY.

SECTION XM IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION

SPECIAL TOPICS I E 590 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP IND ENGR I E 599A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER RES I E 599C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PH.D.RES BASICS&CMM I E 601 R CR.
 3662005 W 4:10-5:00
 3662605 XE W 4:10-5:00 RYAN S

SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.

COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE

REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL

OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION

TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

NONLINEAR PROGRAMNG I E 631 3 CR.
 PREREQ: 534
 4483005 MWF 3:00-4:00

ADVANCED TOPICS I E 690 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP I E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT

DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7999005 ARRANGED

INDUSTRIAL ENGINEERING

INDUS ENGR RESEARCH I E 699A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERATIONS RESEARCH I E 699C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INFORMATION ASSURANCE

ADV PROTCL&NT SECUR INFAS 530 3 CR.
 PREREQ: CPR E 381
 8088010 A TR 8:00-9:15
 8088600 XE TR 8:00-9:15 JACOBSON D
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION. COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

INFO SYSTM SECURITY INFAS 531 3 CR.
 PREREQ: CPR E 489 OR 530 OR COM S 586 OR MIS 535
 COURSE RESTRICTED TO E CPE, COM S, GR ST, INFAS,
 LOMIS GRAD STUDENTS ONLY
 8086005 A MWF 12:10-1:00
 8086600 XE MWF 12:10-1:00 DANIELS T
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION. COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

CMPTR&NTWRK FORENSI INFAS 536 3 CR.
 PREREQ: CPR E 381 AND CPR E 489 OR 530
 5554005 TR 9:30-10:50
 5554600 XE TR 9:30-10:50
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION. COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE STUDENTS ONLY.
 ALL OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER. SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

INFO ASSUR CAPSTONE INFAS 632 3 CR.
 PREREQ: 531, 532, 534
 1893005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

INFO ASSURNC INTERN INFAS 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSN OF DEPT, GRADUATE CLASSIFICATION
 8082005 A ARRANGED

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CR.
 4480005 ARRANGED
 THESIS RESEARCH IGS 699 VAR. CR.
 4481005 ARRANGED

INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 9582005 1A TR 2:10-3:25
 SECTION 1A RESTRICTED TO INTST MAJORS ONLY
 9582010 1B TR 2:10-3:25
 SECTION 1B RESTRICTED TO MAJORS OTHER THAN INTST
 SEMNR INT'L STUDIES INTST 430 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 9583005 1 TR 2:10-3:30
 INDEPENDENT STUDY INTST 490 1- 3 CR.
 PREREQ: PERMISSION OF INTERNATIONAL STUDIES
 ADVISORY COMMITTEE CHAIR AND FACULTY SUPERVISOR
 NO MORE THAN 3 CREDITS IN INTST 490 MAY BE USED
 TOWARD GRADUATION IN THE INTERNATIONAL STUDIES MAJOR
 OR MINOR
 3719005 ARRANGED
 NO MORE THAN 3 CREDITS OF INTST 490 MAY BE USED IN THE
 INTERNATIONAL STUDIES MAJOR OR MINOR

JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CR.
 4656005 1 MWF 11:00-11:50 MACK B
 SYLLABUS: <http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 JOURNLS&COMM ORIENT JL MC 110 R CR.
 SATISFACTORY-FAIL ONLY.
 4657005 1 T 8:00-9:20 GILBERT L
 SECTION 1 RESTRICTED TO STUDENTS ENTERING ISU SUMMER 2008
 OR FALL 2008
 SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4657010 2 R 8:00-9:20 MCDONOUGH K
 SECTION 2 RESTRICTED TO STUDENTS ENTERING ISU SUMMER 2008
 OR FALL 2008
 SYLLABUS: <http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4657015 3 R 9:30-10:45
 SECTION 3 FOR STUDENTS WHO ARE NOT NEW TO ISU
 SYLLABUS: <http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 REPORT&WRIT MASS MD JL MC 201 3 CR.
 PREREQ: ENGL 250 (OR TESTOUT); A SCORE OF 26 OR
 HIGHER ON THE ACT ENGLISH EXAM, 590 OR HIGHER ON THE
 SAT VERBAL EXAM OR A PASSING SCORE ON THE SCHOOL'S
 ENGLISH USAGE TEST
 USAGE TEST REQUIRED. COURSE IS FOR JL MC, ADVRT, P JMC,
 P ADV MAJORS. DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4658005 1 MW 8:00-10:10 DOAK R
 SYLLABUS: <http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4658015 2 TR 8:00-10:10 HUNT A
 SYLLABUS: <http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4658020 3 MW 1:10-3:20 DOAK R
 SYLLABUS: <http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4658025 4 TR 10:30-12:40 BEELL T
 SYLLABUS: <http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

JOURNALISM & MASS COMMUNICATION

REPORT&WRIT MASS MD JL MC 201 3 CR.
4658030 5 TR 3:45-5:55 SMITH K

INT REPORT MASS MED JL MC 202 3 CR.
PREREQ: 201 WITH A GRADE OF C+ OR BETTER
COURSE RESTRICTED TO ADVRT, JL MC, P ADV, P JMC
MAJORS ONLY
4659005 1 MW 10:30-12:40 PRIOR-MILLER M
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
4659010 2 MW 1:10-3:20 BULLA D
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

ELECTRON MEDIA WRIT JL MC 206 3 CR.
PREREQ: 201 WITH A GRADE OF C+ OR BETTER
COURSE RESTRICTED TO JL MC, ADVRT, P JMC, P ADV
MAJORS ONLY
8511005 1 TR 10:30-12:35

PRIN PUBLIC RELATNS JL MC 220 3 CR.
4684005 1A MWF 9:00-9:50 WILGENBUSCH E
SECTION 1A RESTRICTED TO ADVRT, JL
MC, P ADV,
P JMC MAJORS ONLY
4684010 1B MWF 9:00-9:50 WILGENBUSCH E
SECTION 1B RESTRICTED TO MAJORS OTHER
THAN
ADVRT, JL MC, P ADV, P JMC

STRATEG PLAN AD&P R JL MC 301 3 CR.
PREREQ: ADVRT 230 OR JL MC 220; SOPHOMORE
CLASSIFICATION
SEC 1A,2A,ETC. FOR JL MC, ADVRT, P JMC, P ADV
MAJORS. SECTIONS 1B,2B,ETC. FOR ALL OTHER MAJORS.
3838005 1A TR 12:40-2:00 SAR S
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
3838010 1B TR 12:40-2:00 SAR S
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
3838015 2A MW 9:30-10:45 MONAHAN L
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
3838020 2B MW 9:30-10:45 MONAHAN L
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
3838025 3A TR 9:30-10:45 LEE S
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
3838030 3B TR 9:30-10:45 LEE S
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
3838035 4A MW 3:10-4:30
3838040 4B MW 3:10-4:30
3838045 5A TR 11:00-12:15
3838050 5B TR 11:00-12:15

PUBLICITY METHODS JL MC 305 3 CR.
PREREQ: ENGL 250, SOPHOMORE CLASSIFICATION
JL MC & ADVRT MAJORS ARE NOT TO ENROLL IN
JL MC 305. CREDIT DOES NOT APPLY TOWARD A DEGREE
IN
JL MC OR ADVRT.
4660005 1 TR 9:30-10:45 BUGEJA D
4660010 2 TR 12:40-2:00
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
4660015 3 MW 11:00-12:20 DAHLSTROM M

ELECTRON MEDIA PROD JL MC 306 3 CR.
PREREQ: C+ OR BETTER IN 201
COURSE RESTRICTED TO JL MC, ADVRT, P JMC,

JOURNALISM & MASS COMMUNICATION

ELECTRN NEWS PRODUC JL MC 308 3 CR.
PREREQ: C+ OR BETTER IN 202 OR 206 OR 321; 306
COURSE RESTRICTED TO JL MC, ADVRT MAJORS ONLY
4665005 1 TR 10:30-12:20

FUND PHOTOJOURNALSM JL MC 310 3 CR.
PREREQ: C+ OR BETTER IN 201
EQUIPMENT PURCHASE MAY BE REQUIRED
8688005 1 MW 1:10-2:55 CHAMBERLIN D
INSTRUCTOR PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV TECNQ PHOTOJRNL JL MC 312X 3 CR.
PREREQ: 310 OR 311X
9007005 1 MW 11:00-12:45

MULTIMEDIA PRODUCTN JL MC 315 3 CR.
PREREQ: 306 OR 342L OR 343L OR EQUIVALENT
COMPUTER DESIGN PROFICIENCY
COURSE RESTRICTED TO JL MC, ADVRT, P JMC,
P ADV MAJORS ONLY
4663005 1 MW 3:30-5:10 DIMITROVA D

PUBLIC RELATNS WRIT JL MC 321 3 CR.
PREREQ: C+ OR BETTER IN 201; 220 OR ADVRT 230;
RECOMMEND 342 AND 342L OR COMPUTER DESIGN
PROFICIENCY
COURSE RESTRICTED TO JL MC, ADVRT, P JMC, P ADV
MAJORS ONLY
4666005 1 MW 3:30-5:40 HAAG E
4666010 2 MW 10:30-12:40 WILGENBUSCH E
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

CONTEM MAGAZINE PUB JL MC 341 3 CR.
PREREQ: JUNIOR CLASSIFICATION
4672005 1 MWF 3:10-4:00 PRIOR-MILLER M
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

VISUAL PRIN MASS CM JL MC 342 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
4673005 1A MWF 2:10-3:00 GROSHEK J
SECTION 1A RESTRICTED TO JL MC, P
JMC, ADVRT,
P ADV MAJORS
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
4673010 1B MWF 2:10-3:00 GROSHEK J
SEC 1B RESTRICTED TO MAJORS OTHER
THAN JL MC,
P JMC, ADVRT, P ADV
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

LAB BAS VISUAL PRIN JL MC 342L 3 CR.
PREREQ: CREDIT OR ENROLLMENT IN 342
COURSE RESTRICTED TO JL MC, ADVRT, P JMC, P ADV
MAJORS ONLY
5325005 1 TR 1:20-3:35 HAAG E
5325010 2 TR 3:45-6:00PM MARTIN B
5325015 3 MW 8:00-10:15 HAAG E

DEPTH REPORTNG&WRIT JL MC 344 3 CR.
PREREQ: C+ OR BETTER IN 202 OR 206 OR 321
COURSE RESTRICTED TO JL MC, ADVRT MAJORS ONLY
4674005 1 MW 9:00-10:40 GIBSON D
SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

JOURNALISM & MASS COMMUNICATION

JOURNALISM & MASS COMMUNICATION

SCIENCE COMMUNICATN JL MC 347 3 CR.
 PREREQ: C+ OR BETTER IN 202 OR 206 OR 321
 FOR JL MC MAJORS; C+ OR BETTER IN JL MC 201 AND
 ADVRT 334 OR 336 FOR ADVRT MAJORS; NONMAJORS BY
 PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 4676005 1 TR 8:00-9:40 DAHLSTROM M
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

PRINT MEDIA EDITING JL MC 349 3 CR.
 PREREQ: C+ OR BETTER IN 202 OR 206 OR 321
 COURSE RESTRICTED TO JL MC, ADVRT MAJORS ONLY
 4677005 1 TR 12:45-3:35 ABBOTT E
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

ADV ELE MEDIA PRODU JL MC 354 3 CR.
 PREREQ: 306, 308
 COURSE RESTRICTED TO JL MC, ADVRT MAJORS ONLY
 1804005 1 TR 2:10-4:00

MAP WORKSHOP JL MC 390A 1- 2 CR.
 PREREQ: INSTRUCTOR PERMISSION
 7991005 1 T 8:00-9:20 GIBSON D
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 WORKSHOP FEE APPLIES

MASS COMM THEORY JL MC 401 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 4683005 1 MWF 2:10-3:00 SMITH K
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

EL MEDIA TECH&POLCY JL MC 453 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 COURSE RESTRICTED TO JUNIORS AND ABOVE
 9585005 1 MWF 2:10-3:00 BLEVINS J
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

ANLY&HIST MOV IMAGE JL MC 454 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9586005 1 MWF 10:00-10:50 BEELL T

MASS COMMUNICAT LAW JL MC 460 3 CR.
 PREREQ: C+ OR BETTER IN 201, JUNIOR CLASSIFICATN
 RESTRICTED TO ADVRT, JL MC JUNIORS AND SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4688005 1 MWF 8:00-8:50 BLEVINS J
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

HISTORY AMER JRNLISM JL MC 461 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4689005 1 MWF 10:00-10:50 BULLA D

MEDIA ETHICS,FREEDM JL MC 462 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 COURSE RESTRICTED TO JUNIORS, SENIORS AND GRAD
 STUDENTS
 4690005 1 MWF 9:00-9:50 MACK B

JOURNALISM & LIT JL MC 464 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4691005 1 MWF 2:10-3:00

COMM TECH&SOC CHANG JL MC 474 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4692005 1 MWF 11:00-11:50 HARMS C
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

ETHNIC,GENDER&MEDIA JL MC 477 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4554005 1A R 4:10-6:40PM GESKE J
 SECTION 1A RESTRICTED TO ADVRT, JL

MC, P ADV,
 P JMC MAJORS ONLY
 4554010 1B R 4:10-6:40PM GESKE J
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN
 ADVRT, JL MC, P ADV, P JMC

INDEP STDY CMUNCATN JL MC 490 VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION AND CONTRACT WITH
 SUPERVISING PROFESSOR TO REGISTER
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS COMMUNIC JL MC 497 1- 3 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2008
 5786005 1A TR 11:00-12:15 MONAHAN L
 SECTION 1A TOPIC: INTERACTIVE MEDIA.
 RESTRICTED

TO JL MC, ADVRT, P JMC, P ADV
 JUNIORS AND SENIORS.
 5786010 1B TR 11:00-12:15 MONAHAN L
 SECTION 1B TOPIC: INTERACTIVE MEDIA.
 RESTRICTED

TO MAJORS OTHER THAN ADVRT, JL MC,
 P ADV, P JMC.
 5786015 2A TR 9:30-10:45
 SECTION 2A TOPIC: MEDIA, MINDS AND
 MESSAGES.

RESTRICTED TO JL MC, ADVRT, P JMC,
 P ADV JUNIORS
 AND SENIORS.
 5786020 2B TR 9:30-10:45
 SECTION 2B TOPIC: MEDIA, MINDS AND
 MESSAGES.

RESTRICTED TO MAJORS OTHER THAN
 ADVRT, JL MC, P ADV,
 P JMC.

PROFES MEDIA INTERN JL MC 499 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JL MC MAJORS: C+ OR BETTER IN 202 OR
 206 OR 321; ADVRT MAJORS: 301, C+ OR BETTER IN
 JL MC 201; ALL STUDENTS: JR CLASSIFICATION,
 FORMAL
 FACULTY ADVISER APPROVAL OF WRITTEN PROPOSAL
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEORIES MASS COMM JL MC 501 3 CR.
 PREREQ: 6 CR IN SOC SCI OR ADMISSION TO GRAD PROG
 4725005 1 R 6:00-9:00PM ABBOTT E
 SYLLABUS:

<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

JOURNALISM & MASS COMMUNICATION

PUBL RELAT THRY&MTH JL MC 520 3 CR.
 4731005 1 T 6:00-9:00PM LEE S

THRY VISUAL COMMUNC JL MC 521 3 CR.
 PREREQ: 6 CREDITS IN SOCIAL SCIENCE
 4732005 1A MW 10:00-11:15 GROSHEK J
 SECTION 1A RESTRICTED TO JL MC MAJORS
 SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>
 4732010 1B MW 10:00-11:15 GROSHEK J
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN JL MC
 SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

CONTMP MAGZN PUBLSH JL MC 541 3 CR.
 PREREQ: 502 OR INSTRUCTOR PERMISSION
 3429005 1 MWF 3:10-4:00 PRIOR-MILLER M

RISK PERCEP&CMUNICA JL MC 560X 3 CR.
 PREREQ: GRADUATE STANDING, 6 GRADUATE SOCIAL
 SCIENCE CREDITS
 8873005 1 TR 3:40-5:00 RODRIGUEZ L

COMM TECH&SOC CHANG JL MC 574 3 CR.
 PREREQ: 6 CREDITS IN SOCIAL SCIENCE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4736005 1 MW 6:10-7:25PM DIMITROVA D
 SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

SP TOP MEDIA STUDIE JL MC 590A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPICALZ JL MC 590B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH MTHD JL MC 590C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTR GRAD STU JRNLS JL MC 592 R CR.
 PREREQ: GRADUATE CLASSIFICATION
 8072005 1 R 5:10-6:00PM ABBOTT E

SEM AUDIENC&EFFECTS JL MC 598A 1- 3 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 4751050 1 TR 9:30-10:45 SAR S
 SECTION 1 TOPIC: STRATEGIC
 COMMUNICATION
 PROCESSES AND DECISION MAKING

JOURNALISM & MASS COMMUNICATION

CREATIVE COMPONENT JL MC 599 VAR. CR.
 PREREQ: APPROVED CREDIT COMPONENT PROPOSAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH JL MC 699 VAR. CR.
 PREREQ: APPROVED THESIS PROPOSAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY

SWIMMING I KIN 101 1 CR.
 SATISFACTORY-FAIL ONLY.
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 5660005 1 TR 8:00-9:15

SWIMMING II KIN 102 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 101 OR EQUIVALENT SKILL
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 5661005 1 TR 9:30-10:45

AQUATIC FITNESS KIN 108 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 102 OR EQUIVALENT SKILL
 5665005 1 MWF 10:00-11:30
 SECT 1:1ST HALF
 5665010 2 MWF 10:00-11:30
 SECT 2:2ND HALF

LIFEGUARD TRAINING KIN 114 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ABILITY TO SWIM 500 YDS CONTINUOUSLY
 OF FRONT CRAWL, SIDESTROKE, & BREASTSTROKE;
 PERFORM A STANDING & SURFACE DIVE; SWIM UNDER
 WATER; TREAD WATER FOR 1 MIN.; MINIMUM AGE 16
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 5668005 MW 2:10-3:30

WATER SAF INST PRAC KIN 116 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: H S 105, CPR CERTIFICATION & INSTR PERMIS
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8897005 1 ARRANGED

BADMINTON KIN 122 1 CR.
 SATISFACTORY-FAIL ONLY.
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 5671005 1 MWF 7:30-8:45
 SECT 1:2ND HALF
 5671010 2 MWF 9:00-10:15
 SECT 2:2ND HALF
 5671015 3 MWF 10:30-11:45
 SECT 3:2ND HALF

POCKET BILLIARDS KIN 126 1 CR.
 SATISFACTORY-FAIL ONLY.
 EQUIPMENT USE FEE \$35.00
 5673005 1 MW 9:00-9:50
 5673010 2 MW 10:00-10:50

KINESIOLOGY

KINESIOLOGY

BOWLING KIN 129 1 CR.

SATISFACTORY-FAIL ONLY.
EQUIPMENT USE FEE \$35.00
5675005 1 MW 9:00-9:50
5675010 2 MW 10:00-10:50
5675015 3 TR 9:30-10:20
5675020 4 TR 11:00-11:50

GOLF KIN 135 1 CR.

SATISFACTORY-FAIL ONLY.
MATERIALS AND EQUIPMENT USE FEE \$30.00
5678005 1 MWF 8:00-9:20
SECT 1:1ST HALF
5678010 2 MWF 9:30-10:50
SECT 2:1ST HALF
5678015 3 MWF 11:00-12:20
SECT 3:1ST HALF
5678020 4 MWF 12:40-2:00
SECT 4:1ST HALF

ICE SKATING KIN 153 1 CR.

SATISFACTORY-FAIL ONLY.
COURSE TAUGHT AT AMES/ISU ICE ARENA, SOUTHEAST OF THE TOWERS. MUST ALLOW EXTRA TIME BETWEEN THIS AND OTHER CLASSES FOR TRAVEL TO AND FROM AMES/ISU ICE ARENA. MUST PROVIDE OWN TRANSPORTATION.
MATERIALS AND EQUIPMENT USE FEE \$64.00
5689005 1 TR 1:10-3:00
SECT 1:2ND HALF

TENNIS KIN 158 1 CR.

SATISFACTORY-FAIL ONLY.
MATERIALS AND EQUIPMENT USE FEE \$10.00
5690005 1 MWF 8:00-9:20
SECT 1:1ST HALF
5690010 2 MWF 9:30-10:50
SECT 2:1ST HALF
5690015 3 MWF 11:00-12:20
SECT 3:1ST HALF
5690020 4 MWF 12:40-2:00
SECT 4:1ST HALF

PHYSICAL FITNESS KIN 163 1 CR.

SATISFACTORY-FAIL ONLY.
CREDIT FOR EITHER EX SP 163 OR EX SP 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
5694005 1 TR 8:00-9:15

WALKING FOR FITNESS KIN 164 1 CR.

SATISFACTORY-FAIL ONLY.
8867005 1 MW 9:00-9:50
8867010 2 MW 10:00-10:50
8867015 3 MW 11:00-11:50
8867020 4 TR 8:00-8:50
8867025 5 TR 9:30-10:20
8867030 6 TR 11:00-11:50

WEIGHT TRAINING KIN 166 1 CR.

SATISFACTORY-FAIL ONLY.
CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: ATH 101, SKILL TECHNIQUE
COURSE IN THE SAME SPORT, EX SP 166
MATERIALS AND EQUIPMENT USE FEE \$10.00
5696005 1 MWF 9:00-9:50
5696010 2 MWF 10:00-10:50
5696015 3 MWF 11:00-11:50

WEIGHT TRAINING KIN 166 1 CR.

5696020 4 MWF 12:10-1:00
5696025 5 MWF 1:10-2:00

TAEKWONDO/KARATE I KIN 170 1 CR.

SATISFACTORY-FAIL ONLY.
MATERIALS FEE \$10.00
5700005 1 MW 9:00-9:50
5700010 2 MW 10:00-10:50
5700015 3 MW 11:00-11:50

TAEKWONDO/KARATE II KIN 171 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 170
MATERIALS FEE \$15.00
5701005 1 TR 10:00-10:50

HAPKIDO/MARTL DFNSE KIN 173 1 CR.

SATISFACTORY-FAIL ONLY.
5702005 1 TR 11:00-11:50

VOLLEYBALL KIN 182 1 CR.

SATISFACTORY-FAIL ONLY.
MATERIALS AND EQUIPMENT USE FEE \$10.00
5710005 1 TR 9:00-9:50
5710010 2 TR 10:00-10:50

SOCCER KIN 185 1 CR.

SATISFACTORY-FAIL ONLY.
MATERIALS AND EQUIPMENT USE FEE \$10.00
5712005 1 TR 9:30-10:45

BASIC ATHLETIC TRAIN KIN 220 2 CR.

PREREQ: BIOL 155 OR 255 AND 256
MATERIALS FEE \$45.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
5729005 1 M 8:00-8:50
W 8:00-9:50
SEC 1 RESTRICTED TO HHP, KIN H, D EXA, D EXH,
PDEXA, PDEXH MAJORS ONLY
5729010 2 M 8:00-8:50
F 8:00-9:50
SECTION 2 RESTRICTED TO MAJORS OTHER THAN HHP,
KIN H, D EXA, D EXH, PDEXA, PDEXH

ATHL TRAIN CL PRACT KIN 223 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: CCRMISSION OF ATHLETIC TRAINING PROGRAM DIRECTOR
7395005 1 ARRANGED

EVAL ATH INJURIES I KIN 224 3 CR.

PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
6655005 1 TR 9:00-10:45

ATHL INJURI I PRACT KIN 225 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
6670005 ARRANGED

KINESIOLOGY

KINESIOLOGY

FUND TUMBLING&GYMNS KIN 231 1 CR.
 PREREQ: ELIGIBILITY FOR ADMISSION TO KIN
 TEACHER EDUCATION PROGRAM
 COURSE RESTRICTED TO HHP, EX SP, KIN H MAJORS.
 STUDENTS MUST BE ELIGIBLE FOR ADMISSION TO HHP
 TEACHER EDUCATION PROGRAM.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9615005 1 MW 9:00-10:45
 SECT 1:2ND HALF

FND OUTDOOR TEAM SP KIN 233 1 CR.
 PREREQ: ELIGIBILITY FOR ADMISSION TO KIN
 TEACHER EDUCATION PROGRAM
 COURSE RESTRICTED TO HHP, EX SP, KIN H MAJORS.
 STUDENTS MUST BE ELIGIBLE FOR ADMISSION TO HHP
 TEACHER EDUCATION PROGRAM.
 MATERIALS AND EQUIPMENT USE FEE \$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9617005 1 MW 1:10-2:55
 SECT 1:1ST HALF

FUND INDIVIDL SPRTS KIN 236 1 CR.
 PREREQ: ELIGIBILITY FOR ADMISSION TO KIN
 TEACHER EDUCATION PROGRAM
 STUDENTS MUST BE ELIGIBLE FOR ADMISSION TO
 HHP TEACHER EDUCATION PROGRAM
 MATERIALS AND EQUIPMENT USE FEE \$40.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9620005 1 MW 1:10-2:55
 SECT 1:2ND HALF

FUND ADVENTUR ACTIV KIN 238 1 CR.
 PREREQ: ELIGIBILITY FOR ADMISSION TO KIN
 TEACHER EDUCATION PROGRAM
 STUDENTS MUST BE ELIGIBLE FOR ADMISSION TO
 HHP TEACHER EDUCATION PROGRAM
 EQUIPMENT USE AND FIELD TRIPS & TRAVEL FEE \$60.00
 3218005 1 MW 9:00-10:45
 SECT 1:1ST HALF

INTRO CMUNITY SPORT KIN 242 3 CR.
 7411005 MWF 10:00-10:50

KINESIOLOGY PROFSSNS KIN 252 2 CR.
 7415005 1 MW 12:10-1:00
 7415010 2 MF 12:10-1:00

ORIEN KINESIOL/HLTH KIN 253 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CONCURRENT ENROLLMENT OR CREDIT IN 252
 7498005 1 M 2:10-3:00
 7498010 2 F 12:10-1:00
 7498015 3 W 10:00-10:50
 7498020 4 F 12:10-1:00
 7498025 5 ARRANGED

LRNG CMUNT KIN/HLTH KIN 254 .5 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 253
 7417005 1 M 1:10-2:00, ARRANGED
 SECT 1:1ST HALF
 7417010 2 M 1:10-2:00, ARRANGED
 SECT 2:2ND HALF
 7417015 3 TR 9:30-10:20
 ARRANGED
 SECT 3:1ST HALF

PHYS FITNESS & COND KIN 258 2 CR.
 PREREQ: MAJOR IN KINESIOLOGY OR HEALTH
 COURSE RESTRICTED TO HHP, C H E, EX SP, PDEXA,
 PDEXH, D EXA, D EXH, KIN H MAJORS. CREDIT FOR
 EITHER EX SP 163 OR EX SP 258, BUT NOT BOTH, MAY
 BE APPLIED TOWARD GRADUATION.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$10.00
 5732005 1 TR 10:00-10:50
 M 12:10-1:00
 5732010 2 TR 11:00-11:50
 M 12:10-1:00
 5732015 3 TR 1:10-2:00
 M 12:10-1:00
 5732020 4 TR 2:10-3:00
 M 12:10-1:00

LDRSHP TECH FITNESS KIN 259 2 CR.
 PREREQ: 258
 COURSE RESTRICTED TO HHP, EX SP, C H E, D EXA,
 D EXH, PDEXA, PDEXH, KIN H MAJORS ONLY
 9622005 1 MW 1:10-3:00

FIELD EXP PHYS EDUC KIN 281 .5- 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADMISSION TO UNIV TEACHER EDUC PROGRAM
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 7699005 1 F 12:10-2:55

ELEM&PRESCH MVMT ED KIN 284 3 CR.
 PREREQ: 3 CREDITS IN HUMAN DEVEL & FAMILY STUDIES
 OPEN TO NON PHYSICAL EDUCATION TEACHER LICENSURE
 STUDENTS ONLY. CREDIT FOR EITHER EX SP 275/312 OR
 EX SP 284, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION.
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 5737005 1 MW 1:10-3:00

THERAP MODALT ATHLE KIN 323 3 CR.
 PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 2632005 1 MW 8:00-9:50
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

THERA MODALT PRACTM KIN 324 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 5843005 F 8:00-9:50

FCILT&EVNT MGT SPRT KIN 342X 3 CR.
 PREREQ: 242
 8584005 TR 11:00-12:15

KINESIOLOGY

KINESIOLOGY

MGT HEALTH-FIT PROG KIN 345 3 CR.
 COURSE RESTRICTED TO HHP, EX SP, D EXA, D EXH,
 KIN H, KIN, PDEXA, PDEXH JUNIORS AND ABOVE
 FIELD TRIPS & TRAVEL FEE \$35.00
 7697005 TR 9:30-10:45

BIOMECHANICS KIN 355 3 CR.
 PREREQ: PHYS 106 OR 111
 RESTRICTED TO HHP, EX SP, D EXA, D EXH, KIN,
 KIN H, PDEXA, PDEXH JUNIORS AND ABOVE
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5752015 1 MW 8:00-8:50
 T 8:00-9:40
 5752020 2 MW 8:00-8:50
 T 10:00-11:40
 5752025 3 MW 9:00-9:50
 T 12:10-1:50
 5752030 4 MW 9:00-9:50
 T 2:10-3:50
 5752035 5 MW 8:00-8:50
 T 4:10-5:50

PHYSIOLOGY EXERCISE KIN 358 3 CR.
 PREREQ: BIOL 255, 255L, 256 AND 256L
 RESTRICTED TO HHP, EX SP, D EXA, D EXH, C H E,
 KIN, KIN H, PDEXA, PDEXH JUNIORS AND ABOVE
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5766005 A MW 12:10-1:00
 T 8:00-9:40
 5766010 B MW 12:10-1:00
 T 10:00-11:40
 5766015 C MW 12:10-1:00
 T 12:10-1:50
 5766020 D MW 12:10-1:00
 T 2:10-3:50
 5766025 E MW 12:10-1:00
 T 4:10-5:50
 5766030 F MW 12:10-1:00
 T 6:00-7:40PM

SOC SPORT & EXERCISE KIN 360 3 CR.
 PREREQ: SOC 134, STAT 101 OR 104 OR 226/326;
 OR KIN 471
 COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5753005 1 MWF 10:00-10:50
 5753010 2 MWF 11:00-11:50

SPORT PSYCHOLOGY KIN 365 3 CR.
 PREREQ: PSYCH 101 OR PSYCH 230
 COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5754005 1 TR 12:40-1:55

EXERCISE PSYCHOLOGY KIN 366 3 CR.
 PREREQ: PSYCH 101 OR PSYCH 230
 COURSE RESTRICTED TO HHP, EX SP, C H E, D EXA,
 D EXH, KIN H, PDEXA, PDEXH JUNIORS AND SENIORS
 7190005 1 TR 2:10-3:25

MOTOR CNTROL LIFESP KIN 372 3 CR.
 PREREQ: PSYCH 101 OR PSYCH 230, BIOL 255,256
 COURSE RESTRICTED TO HHP, EX SP, D EXA, D EXH,
 KIN, KIN H, PDEXA, PDEXH JUNIORS AND ABOVE
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 9623015 A MW 1:10-2:00
 R 8:00-9:40
 9623020 B MW 1:10-2:00
 R 10:00-11:40
 9623025 C MW 2:10-3:00
 R 12:10-1:50
 9623030 D MW 2:10-3:00
 R 2:10-3:50
 9623035 E MW 2:10-3:00
 R 4:10-5:50

SEARCH STRAT EMPLOY KIN 385 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JUNIOR CLASSIFICATION; TO BE TAKEN
 MINIMUM OF 2 SEMESTERS PRIOR TO KIN 485
 5761005 1 F 1:10-2:00
 5761010 2 R 2:10-3:00

ADAPTED PHYSICAL ED KIN 395 3 CR.
 PREREQ: 375
 CREDIT FOR EITHER EX SP 395 OR HHP 595, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 5760005 A M 7:00-9:00PM
 F 1:10-2:55
 5760010 B M 7:00-9:00PM
 F 9:00-10:50

SUPR TCHG-SECONDARY KIN 417 8 CR.
 PREREQ: 355,358,375,395,471,475, FULLY ADMITTED
 TO TEACHER ED, MUST APPLY FOR APPROVAL TO ENROLL
 AT
 BEGINNING OF THE SEMESTER PRIOR TO REGISTERING
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM -
 MUST APPLY FOR APPROVAL TO ENROLL AT BEGINNING OF
 THE SEMESTER PRIOR TO REGISTERING
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$164.00
 5764005 1 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SUPR TCHG-ELEMENTARY KIN 418 8 CR.
 PREREQ: 280, 312, 355, 358, 375, 395, 471, 475,
 FULLY ADMITTED TO TEACHER EDUCATION, MUST APPLY
 FOR
 APPROVAL TO ENROLL AT THE BEGIN OF SEMESTER PRIOR
 TO REGISTERING
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM -
 MUST APPLY FOR APPROVAL TO ENROLL AT BEGINNING OF
 THE SEMESTER PRIOR TO REGISTERING
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$164.00
 5765005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

KINESIOLOGY

KINESIOLOGY

ADMIN ATHLET TRAIING KIN 425 3 CR.
 PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,
 SENIOR CLASSIFICATION
 1154005 M 5:30-8:30PM

MED CNCRN ATHL TRNR KIN 450 3 CR.
 PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 4879005 1 TR 9:30-10:45
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PRIN FITNESS ASSESS KIN 458 4 CR.
 PREREQ: 358
 COURSE RESTRICTED TO EX SP, C H E, HHP, KIN H,
 D EXA, D EXH JUNIORS AND ABOVE; AND FSHNA, FSHNH,
 KIN GRADUATE STUDENTS
 MATERIALS FEE \$10.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5767005 A MWF 1:10-2:00
 T 1:10-3:00
 5767010 B MWF 1:10-2:00
 T 3:10-5:00
 5767015 C MWF 1:10-2:00
 R 1:10-3:00
 5767020 D MWF 1:10-2:00
 R 3:10-5:00

INTERN EXER LEADRSH KIN 459 1 CR.
 PREREQ: C- OR BETTER IN 259, CPR CERTIFICATION,
 CONCURRENT ENROLLMENT IN 458
 COURSE RESTRICTED TO EX SP, C H E, HHP, KIN H
 JUNIORS AND ABOVE; AND FSHNA, FSHNH, KIN GRADUATE
 STUDENTS
 3473005 1 ARRANGED

MEDIC ASPECTS EXERC KIN 462 3 CR.
 PREREQ: 358
 COURSE RESTRICTED TO HHP, EX SP, D EXA, D EXH,
 KIN, KIN H, PDEXA, PDEXH JUNIORS AND ABOVE
 5763005 1 TR 11:00-12:15

PE CURRIC DSN & ORG KIN 475 3 CR.
 PREREQ: ADMISSION TO UNIV TEACHER EDUCATION PROG
 RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 5771005 1 TR 9:30-10:45

INTERNSH FITNSS MGT KIN 485A 1-16 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SENIOR CLASSIFICATN, ADVANCE REGISTRATN,
 C- OR BETTER IN 458 AND 459, MAJOR IN KINESIOLOGY
 OR
 HEALTH, CUM GPA 2.0
 5772005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

INTERNSHP SPORT&ACT KIN 485B 1-16 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SENIOR CLASSIFICATN, ADVANCE REGISTRATN,
 MAJOR IN KINESIOLOGY OR HEALTH, CUM GPA 2.0
 5773005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

RSRCH TOPCS ATH TRN KIN 488 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 5775005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ATHL TRAIN COMPETNC KIN 489 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR,
 SENIOR CLASSIFICATION
 3220005 1 ARRANGED

IND STUDY EXER&SPRT KIN 490A 1- 3 CR.
 PREREQ: 6 CREDITS FROM KIN ADVANCED CORE AND
 PERMISSION OF COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY COACHING KIN 490B 1- 3 CR.
 PREREQ: 6 CREDITS FROM KIN ADVANCED CORE AND
 PERMISSION OF COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS KIN 490H 1- 3 CR.
 PREREQ: 6 CREDITS FROM KIN ADVANCED CORE AND
 PERMISSION OF COORDINATOR
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH MTH PHY ACTV KIN 501 3 CR.
 PREREQ: GRAD CLASSIFICATION IN KINESIOLOGY AND
 HEALTH
 5780005 1 TR 3:10-4:30

EXER PHYSIO LAB TEC KIN 505 2 CR.
 PREREQ: KIN 358 OR EQUIVALENT COURSE WITH BASIC
 LAB EXPERIENCE
 5781005 1 M 4:10-6:00PM
 R 4:10-6:00PM

QUAN ANLY HUMAN MOV KIN 516 3 CR.
 PREREQ: 355
 MATERIALS FEE \$20.00
 5801005 1 TR 4:40-6:00PM

ADV VERTB PHYSIOL I KIN 549 3 CR.
 PREREQ: BIOL 335; CR OR ENROLLMENT IN BBMB 404
 OR 420
 2329005 MWF 9:00-9:50

SPECIAL TOPICS P E KIN 590A 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY

SPL TP HEALTH PROMO KIN 590B 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO KIN 590E 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS KIN 590H 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC HUMN GRWTH KIN 590I 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1- 6 CR.
 PREREQ: 10 GRAD CR IN HHP AND/OR RELATED AREAS
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP EX PHYS KIN 591D 1- 6 CR.
 PREREQ: 10 GRAD CR IN HHP AND/OR RELATED AREA
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADAPTED PHYSCL EDUC KIN 595 3 CR.
 PREREQ: 375
 HHP 595 MAY NOT BE TAKEN BY STUDENTS WHO HAVE
 PREVIOUSLY EARNED CREDIT IN EX SP 395
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5796005 A M 7:00-9:00PM
 F 9:00-10:50

CREATIVE COMPONENT KIN 599 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY

SEMINAR KIN 615 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5812005 1 ARRANGED

RESEARCH KIN 699 1- 6 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

STUDIO:LNDSCP INTRP L A 201 6 CR.
 PREREQ: ENROLLMENT IN THE PROFESSIONAL PROGRAM
 COURSE RESTRICTED TO L A MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$1,950.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4765005 ARRANGED

NATIV PLNTS MIDWEST L A 221 3 CR.
 PREREQ: ENROLLMENT IN THE PROFESSIONAL PROGRAM
 COURSE RESTRICTED TO L A MAJORS ONLY
 6091005 ARRANGED

DEVEL ID AS L ARCHI L A 241 1 CR.
 PREREQ: ENROLLMENT IN THE PROFESSIONAL PROGRAM
 COURSE RESTRICTED TO L A MAJORS ONLY
 3447005 ARRANGED

CULTURL LANDSC STUD L A 272 3 CR.
 PREREQ: ENROLLMENT IN THE PROFESSIONAL PROGRAM
 COURSE RESTRICTED TO L A MAJORS ONLY
 MEETS U.S. DIVERSITY REQMT.
 6095005 ARRANGED

LNDSCP FORM,PROCESS L A 281 3 CR.
 PREREQ: ENROLLMENT IN THE PROFESSIONAL PROGRAM
 COURSE RESTRICTED TO L A MAJORS ONLY
 6108005 ARRANGED

SITE DESIGN II L A 301 6 CR.
 PREREQ: 202
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$610.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4777005 1 F 1:10-5:20
 MW 1:10-5:20

FUND PLANTNG DESIGN L A 322 4 CR.
 PREREQ: 221
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$610.00
 6403005 TR 11:00-11:50
 TR 12:40-3:30

L ARCH HIST TO 1750 L A 373 3 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4768005 1 TR 9:30-10:50
 SECTION 1 RESTRICTED TO L A, P LA
 MAJORS ONLY
 4768010 2 TR 9:30-10:50
 SEC 2 RESTRICTED TO MAJORS OTHER THAN
 L A, P LA

LANDSCAPE ARCHITECTURE

LANDSCAPE ARCHITECTURE

SHAPING THE LAND L A 381 3 CR.
 PREREQ: 281
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4782005 1 MWF 11:00-11:50

COMMUNITY DESIGN L A 401 6 CR.
 PREREQ: 402
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$610.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4787005 1 F 1:10-5:20
 MW 1:10-5:20
 4787010 2 F 1:10-5:20
 MW 1:10-5:20

URBAN DESIGN L A 402 6 CR.
 PREREQ: 302
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$610.00
 6174005 A F 1:10-5:20
 MW 1:10-5:20

SR THESIS PREP TUTR L A 403 2 CR.
 PREREQ: 402, PERMISSION OF THESIS ADVISOR,
 ENROLLMENT IN HONORS PROGRAM
 6176005 ARRANGED

LAND ARCH INTERNSHP L A 451A R CR.
 PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
 3036005 ARRANGED

L ARCH STUDY ABROAD L A 451B R CR.
 PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
 6212005 ARRANGED

LA NAT'L STDT XCHNG L A 451C R CR.
 PREREQ: L A 341, PERMISSION OF ADVISOR AND CHAIR
 6213005 ARRANGED

LANDSCAP CONSTRUCTN L A 481 3 CR.
 PREREQ: 381
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$25.00
 6222005 TR 3:40-5:00

IND STUDY LAND DSIGN L A 490A 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY PLNTNG DSN L A 490B 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT L A 490C 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY L A 490D 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU LANDSC PLAN L A 490E 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY URBAN DSGN L A 490F 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY GRAPHICS L A 490G 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS L A 490H 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 MEMBERSHIP IN UNIV HONORS PROGRAM
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERDISC L A 490I 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU INT'L STUDI L A 490J 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY CMPTR APPL L A 490K 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ECO DESIGN L A 490L 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOCIAL/BHV L A 490M 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

IND STU NATU RESRCE L A 490N 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRIN RESEARCH L A L A 541 3 CR.
 PREREQ: ADMISSION TO GRAD PROGRAM OR PERMISSION
 OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4806005 1 ARRANGED

ADV GIS LANDS MODEL L A 567 3 CR.
 PREREQ: L A 302 OR C R P 451/551
 5684005 1 MWF 8:00-9:50

L A HIST & PRESERVA L A 572 3 CR.
 PREREQ: ADMISSION TO GRAD PROGRAM OR PERMISSION
 OF INSTRUCTOR
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$0.00-\$200.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4811005 TR 12:40-2:00

THESIS,CRTV CMP,TUT L A 580 1- 4 CR.
 PREREQ: PERMISSION OF MAJOR PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COLLOQUIUM L A 582 1 CR.
 PREREQ: ADMISSION TO GRAD PROGRAM OR PERMISSION
 OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8975005 M 12:10-1:00

SPL TOP LANDSC DSGN L A 590A 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY L A 590D 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

SPL TOP LANDSC PLAN L A 590E 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSIGN L A 590F 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS L A 590G 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS HONORS L A 590H 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A 590I 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL L A 590K 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BEHV L A 590M 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A 590N 1- 6 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

CREATIVE COMPONENT L A 599 1- 8 CR.
 PREREQ: PERMISSION OF MAJOR PROF
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH L A 699 1- 8 CR.
 PREREQ: PERMISSION OF MAJOR PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LATIN

ELEMENTARY LATIN I LATIN 101 4 CR.
 STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS
 OF HIGH SCHOOL LATIN MAY NOT ENROLL IN 101.
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 4854005 1 MTWR 9:00-9:50
 4854010 2 MTWR 10:00-10:50

ELEMENTARY LATIN II LATIN 102 4 CR.
 PREREQ: 101
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4855005 W ARRANGED
 DELIVERY IS WWW

INTERMEDIATE LATIN LATIN 201 4 CR.
 PREREQ: 102
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4856005 1 ARRANGED

INDEPENDENT STUDY LATIN 490 1- 6 CR.
 PREREQ: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR
 NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE
 APPLIED TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES

ORIENTATION LAS 101 .5 CR.
 SATISFACTORY-FAIL ONLY.
 6241005 1 T 8:00-8:50
 W 10:00-10:50
 SECT 1:1ST HALF
 6241010 2 R 8:00-8:50
 R 10:00-10:50
 SECT 2:1ST HALF
 6241015 3 T 8:00-8:50
 W 11:00-11:50
 SECT 3:1ST HALF
 6241020 4 T 8:00-8:50
 W 1:10-2:00
 SECT 4:1ST HALF
 6241025 5 R 8:00-8:50
 R 11:00-11:50
 SECT 5:1ST HALF
 6241030 6 T 8:00-8:50
 R 1:10-2:00
 SECT 6:1ST HALF

LIBERAL ARTS & SCIENCES

ORIENTATION LAS 101 .5 CR.
 6241035 7 R 8:00-8:50
 R 2:10-3:00
 SECT 7:1ST HALF
 6241040 8 T 8:00-8:50
 T 10:00-10:50
 SECT 8:1ST HALF
 6241045 9 R 8:00-8:50
 F 11:00-11:50
 SECT 9:1ST HALF
 6241050 10 T 8:00-8:50
 T 1:10-2:00
 SECT 10:1ST HALF
 SECTION 10 RESTRICTED TO P H P, P MED

MAJORS ONLY
 6241055 11 T 8:00-8:50
 W 1:10-2:00
 SECT 11:1ST HALF
 SECTION 11 RESTRICTED TO P H P, P MED

MAJORS ONLY
 6241060 12 R 8:00-8:50
 R 1:10-2:00
 SECT 12:1ST HALF
 6241065 13 T 8:00-8:50
 W 2:10-3:00
 SECT 13:1ST HALF
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6241070 14 R 8:00-8:50
 R 12:10-1:00
 SECT 14:1ST HALF
 6241075 15 R 8:00-8:50
 F 9:00-9:50
 SECT 15:1ST HALF
 6241080 16 R 8:00-8:50
 R 9:00-9:50
 SECT 16:1ST HALF
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6241085 17 T 8:00-8:50
 W 3:10-4:00
 SECT 17:1ST HALF
 6241090 18 R 8:00-8:50
 R 3:10-4:00
 SECT 18:1ST HALF

PERSONAL CAREER DEV LAS 104 2 CR.
 PREREQ: 12 CREDITS OF ISU COURSEWORK
 6243005 1 MW 2:10-3:00
 6243010 2 TR 1:10-2:00
 6243015 3 MW 11:00-11:50
 6243020 4 TR 11:00-11:50

CONNECTIONS LAS 125A 1 CR.
 7470005 1 W 4:10-5:00
 7470010 2 W 4:10-5:00
 7470015 3 W 4:10-5:00
 7470020 4 W 4:10-5:00
 7470025 5 W 4:10-5:00
 7470030 6 W 4:10-5:00

LEARN CMMUN SEMINAR LAS 140 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MEMBER OF ACT LEARNING COMMUNITY
 8174005 1 W 11:00-11:50

LIBERAL ARTS & SCIENCES

LIBERAL ARTS & SCIENCES

INTRO RACEÐNC AM LAS 160 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 MEETS U.S. DIVERSITY REQMT.
 7545005 TR 8:00-9:20
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PRO EMPLOYMENT PREP LAS 201X 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 2ND SEMESTER FRESHMAN OR TRANSFER
 STUDENT WITHIN THE COLLEGE OF LAS
 6384005 W 3:10-5:00, 1ST HALF

INTR U.S. LATINO ST LAS 211 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 2890005 1 MWF 11:00-11:50
 2890010 2 TR 2:10-3:30

LDRSHP DIVERSE SOCI LAS 222 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 MEETS U.S. DIVERSITY REQMT.
 8176005 TR 12:40-2:00

SPL PROB AMBASSADRS LAS 290A 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION;
 PERMISSION OF LAS DEAN
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7195005 1 ARRANGED

SPL PRB PRE-LAW PRJ LAS 290C 1- 3 CR.
 PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION;
 PERMISSION OF LAS DEAN
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 7387005 W 4:10-5:00

SPECIAL PROBLEMS LAS 290D 1- 3 CR.
 PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION;
 PERMISSION OF LAS DEAN
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB CATT CENTR LAS 290G 1- 3 CR.
 PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION,
 PERMISSION OF THE DIRECTOR OF THE CATT CENTER
 PERMISSION OF DIRECTOR OF THE CATT CENTER
 REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN
 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF LAS CAREER SERVICES,
 SOPHOMORE CLASSIFICATION
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ASIAN AM CULTR HIST LAS 328X 3 CR.
 PREREQ: ENGL 250
 8998005 TR 2:10-3:25

WOMEN & LEADERSHIP LAS 333 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 7480005 TR 11:00-12:20

TOPCS INTRDISCIP ST LAS 350A 2- 4 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 7871005 ARRANGED, OCT 5-NOV 13

TOPICS HUMANITIES LAS 350B 2- 4 CR.
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 7873005 1 TR 11:00-12:20
 SECTION 1 TOPIC: 20TH CENTURY

EUROPEAN HISTORY

LIFE IA PLACE&PURPO LAS 381 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 5730005 1 W 5:10-8:00PM

THE HOLOCAUST LAS 385 2- 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4837005 R 12:10-2:00

INTERNSHIP/CO-OP LAS 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF LAS CAREER SERVICES,
 JUNIOR CLASSIFICATION
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LAS 490A VAR. CR.
 PREREQ: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 PERMISSION OF THE DEAN OF LAS REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED
 TOWARD GRADUATION.
 COLLEGE PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRNSH LAS 490E VAR. CR.
 PREREQ: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 PERMISSION OF THE DEAN OF LAS REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED
 TOWARD GRADUATION.
 COLLEGE PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR LAS 490G VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 PERMISSION OF DIRECTOR OF THE CATT CENTER
 REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN 10
 ALUMNI HALL. NO MORE THAN 9 CREDITS OF LAS 490
 MAY BE APPLIED TOWARD GRADUATION.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIBRARY

LIBERAL ARTS & SCIENCES

SERVICE LEARNING LAS 491 1- 4 CR.
 PREREQ: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 COLLEGE PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF LAS CAREER SERVICES,
 SENIOR CLASSIFICATION
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LAS 499 1- 4 CR.
 PREREQ: PERMISSION OF LAS CAREER SERVICES
 PERMISSION OF DEAN OF LAS REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 COLLEGE PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIBRARY

LIB INSTRUCTION LIB 160 .5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: STUDENTS WHOSE NATIVE LANGUAGE IS NOT
 ENGLISH MUST COMPLETE ENGLISH 101 REQUIREMENT TEST-OUT
 EXAM SCHEDULED. WED, SEPT 2, 4 PM,
 THURS., SEPT 3, 3 PM, WED., OCT 28, 4 PM AND
 THURS., OCT 29, 3 PM. SPECIAL LIB TEST-OUT FEE IS \$20.
 DETAILS AVAILABLE IN 150 PARKS LIBRARY.

4862005 1 M 9:00-9:50
 SECT 1:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>
 4862010 2 M 10:00-10:50
 SECT 2:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>
 4862015 3 M 11:00-11:50
 SECT 3:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>
 4862020 4 M 1:10-2:00
 SECT 4:1ST HALF
 SYLLABUS: <http://www.lib.iastate.edu/class/lib160/syllabus>
 4862025 5 M 2:10-3:00
 SECT 5:1ST HALF
 SYLLABUS: <http://www.lib.iastate.edu/class/lib160/syllabus>
 4862030 6 T 9:00-9:50
 SECT 6:1ST HALF
 SYLLABUS: <http://www.lib.iastate.edu/class/lib160/syllabus>
 4862035 7 T 10:00-10:50
 SECT 7:1ST HALF
 SYLLABUS: <http://www.lib.iastate.edu/class/lib160/syllabus>
 4862040 8 T 11:00-11:50
 SECT 8:1ST HALF
 SYLLABUS: <http://www.lib.iastate.edu/class/lib160/syllabus>
 4862045 9 W 10:00-10:50
 SECT 9:1ST HALF
 SYLLABUS: <http://www.lib.iastate.edu/class/lib160/syllabus>
 4862050 10 W 11:00-11:50
 SECT 10:1ST HALF
 SYLLABUS: <http://www.lib.iastate.edu/class/lib160/syllabus>
 4862055 11 W 1:10-2:00
 SECT 11:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>

LIB INSTRUCTION LIB 160 .5 CR.
 4862060 12 W 2:10-3:00
 SECT 12:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>
 4862065 13 R 9:00-9:50
 SECT 13:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>
 4862070 14 R 1:10-2:00
 SECT 14:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>
 4862075 15 R 2:10-3:00
 SECT 15:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>
 4862080 16 F 9:00-9:50
 SECT 16:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>
 4862085 17 F 10:00-10:50
 SECT 17:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>
 4862090 18 F 11:00-11:50
 SECT 18:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>
 4862095 19 F 1:10-2:00
 SECT 19:1ST HALF
 SYLLABUS:
<http://www.lib.iastate.edu/class/lib160/syllabus>
 4862100 20 M 9:00-9:50
 SECT 20:BEGINS WK OF 10/19
 4862105 21 M 10:00-10:50
 SECT 21:BEGINS WK OF 10/19
 4862110 22 M 11:00-11:50
 SECT 22:BEGINS WK OF 10/19
 4862115 23 M 1:10-2:00
 SECT 23:BEGINS WK OF 10/19
 4862120 24 M 2:10-3:00
 SECT 24:BEGINS WK OF 10/19
 4862125 25 T 9:00-9:50
 SECT 25:BEGINS WK OF 10/19
 4862130 26 T 10:00-10:50
 SECT 26:BEGINS WK OF 10/19
 4862135 27 T 11:00-11:50
 SECT 27:BEGINS WK OF 10/19
 4862140 28 W 10:00-10:50
 SECT 28:BEGINS WK OF 10/19
 4862145 29 W 11:00-11:50
 SECT 29:BEGINS WK OF 10/19
 4862150 30 W 1:10-2:00
 SECT 30:BEGINS WK OF 10/19
 4862155 31 W 2:10-3:00
 SECT 31:BEGINS WK OF 10/19
 4862160 32 R 9:00-9:50
 SECT 32:BEGINS WK OF 10/19
 4862165 33 R 10:00-10:50
 SECT 33:BEGINS WK OF 10/19
 4862170 34 R 1:10-2:00
 SECT 34:BEGINS WK OF 10/19
 4862175 35 R 2:10-3:00
 SECT 35:BEGINS WK OF 10/19
 4862180 36 F 9:00-9:50
 SECT 36:BEGINS WK OF 10/19
 4862185 37 F 10:00-10:50
 SECT 37:BEGINS WK OF 10/19
 4862190 38 F 11:00-11:50
 SECT 38:BEGINS WK OF 10/19
 4862195 39 F 1:10-2:00
 SECT 39:BEGINS WK OF 10/19
 4862200 40 ARRANGED
 SECTION 40 FOR HONORS PROGRAM

STUDENTS ONLY

LIBRARY

LIB INSTRUCTION LIB 160 .5 CR.
 4862205 41 T 1:10-2:00
 SECT 41:1ST HALF
 4862210 42 T 2:10-3:00
 SECT 42:1ST HALF
 4862215 43 R 10:00-10:50
 SECT 43:1ST HALF
 4862220 44 R 11:00-11:50
 SECT 44:1ST HALF
 4862225 45 T 1:10-2:00
 SECT 45:BEGINS WK OF 10/19
 4862230 46 T 2:10-3:00
 SECT 46:BEGINS WK OF 10/19
 4862235 47 R 11:00-11:50
 SECT 47:BEGINS WK OF 10/19

LINGUISTICS

INTRO WORLD LANGUAG LING 119 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6257005 MWF 3:10-4:00

COMPUTERS &LANGUAGE LING 120 3 CR.
 6187005 TR 12:40-2:00

INTRO LINGUISTICS LING 219 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 SECTIONS A,C RESTRICTED TO ENGL, TCOMM
 SOPHOMORES, JUNIORS AND SENIORS. SECTIONS B,D
 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM.
 8593005 A MW 1:10-2:00
 F 10:00-10:50
 8593010 B MW 1:10-2:00
 F 11:00-11:50
 8593015 C MW 1:10-2:00
 F 1:10-2:00
 8593020 D MW 1:10-2:00
 F 2:10-3:00

DESCRP ENGL GRAMMAR LING 220 3 CR.
 PREREQ: ENGL 250
 SEC A1,B1,C1 RESTRICTED TO ENGL, TCOMM MAJORS
 ONLY. SEC A2,B2,C2 RESTRICTED TO MAJORS OTHER
 THAN
 ENGL, TCOMM.
 8594005 A1 MWF 9:00-9:50
 8594010 A2 MWF 9:00-9:50
 8594015 B1 TR 9:30-10:50
 8594020 B2 TR 9:30-10:50
 8594025 C1 TR 2:10-3:30
 8594030 C2 TR 2:10-3:30

BASIC SIGN LANGUAGE LING 286 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 8597005 A TR 9:30-10:45

LINGUISTIC ANTHROPO LING 309 3 CR.
 PREREQ: ANTHR 201
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8599005 1 TR 3:40-4:30 VIATORI M
 W 8:00-9:50 VIATORI M
 8599010 2 TR 3:40-4:30 VIATORI M
 W 10:00-11:50 VIATORI M
 8599015 3 TR 3:40-4:30 VIATORI M
 W 1:10-3:00 VIATORI M

LINGUISTICS

LINGUISTIC ANTHROPO LING 309 3 CR.
 8599020 4 TR 3:40-4:30 VIATORI M
 W 3:10-5:00 VIATORI M

THEORY OF COMPUTING LING 331 3 CR.
 PREREQ: COM S 228, 229, 330 OR CPR E 310,
 MATH 166, ENGL 250
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8601005 1 MWF 9:00-9:50
 R 8:00-8:50
 8601010 2 MWF 9:00-9:50
 R 11:00-11:50

INTR SPANSH PHONOLG LING 352 3 CR.
 PREREQ: SPAN 301, 303, OR 304
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3492005 1A TR 9:30-10:50
 SECTION 1A RESTRICTED TO SPAN MAJORS

ONLY
 3492010 1B TR 9:30-10:50
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN SPAN

HIST OF ENGLISH LANG LING 420 3 CR.
 PREREQ: ENGL 219, 220
 NOT OPEN TO FRESHMEN OR SOPHOMORES
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8605005 A TR 12:40-2:00

GRAMMATICAL ANALYSI LING 437 3 CR.
 PREREQ: ENGL 220; JR CLASSIFICATION
 8604005 A TR 2:10-3:30

LANGUAGE DEVELOPMNT LING 471 3 CR.
 PREREQ: CMDIS 275 OR PSYCH 230 OR ENGL 219
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8606005 TR 3:40-5:00

WRLD LANGU MTHDS EL LING 486 3 CR.
 PREREQ: 25 CREDITS IN A WORLD LANGUAGE
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2896005 1 T 6:00-8:50PM

WLD LANGU MTHDS SEC LING 487 3 CR.
 PREREQ: 25 CREDITS IN A WORLD LANGUAGE, ADMISSION
 TO TEACHER EDUCATION PROGRAM
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4406005 1 R 6:10-8:50PM

IND STU LINGUI,SMAN LING 490B VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO
 THE TOPIC, JR CLASSIFICATION, PERMISSION OF THE
 UNDERGRADUATE STUDIES COMMITTEE
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LING ANTHR LING 490D 1- 5 CR.
 PREREQ: 9 CREDITS IN ANTHROPOLOGY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LINGUISTICS

INTR CPRS&APPL LING LING 510 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 6450005 A TR 9:30-10:50

INTR LINGUIST ANALY LING 511 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 8616005 A TR 11:00-12:20

2ND LANGUAGE ACQUIS LING 517 3 CR.
 PREREQ: 511 OR AN INTRO COURSE IN LING
 8622005 A TR 12:40-2:00

TESL METHDS&MATERLS LING 518 3 CR.
 PREREQ: 511 OR AN INTRO COURSE IN LINGUISTICS
 7279005 A TR 2:10-3:30

LITRACY:NONNATV SPK LING 524 3 CR.
 PREREQ: 511 OR INTRODUCTORY COURSE IN LINGUISTICS
 4475005 A M 6:00-9:00PM

TCH NONNATV LIS&SPK LING 525 3 CR.
 PREREQ: 511 OR INTRODUCTORY COURSE IN LINGUISTICS
 4479005 T 6:00-9:00PM

GRAMMATICAL ANALYSI LING 537 3 CR.
 PREREQ: 219, 220, OR 511; JUNIOR CLASSIFICATION
 6522005 A TR 2:10-3:30

PRA TCH ENG 2ND LNG LING 588 3 CR.
 PREREQ: 15 CREDITS TOWARD THE TESL/APPLIED
 LINGUISTICS MASTER'S DEGREE
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$61.50
 6550005 A ARRANGED

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

RSRCH MTHD APP LING LING 623 3 CR.
 PREREQ: 511, 517, 518, ENGL 519
 6551005 A R 6:00-9:00PM

DISCOURSE IN CLSRMS LING 671 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 6571005 W 5:30-8:30PM

PRACTCM TEC &LINGUI LING 688 3 CR.
 PREREQ: ENGL 510, 626, OR EQUIVALENT; SECOND-YEAR
 PH.D. STUDENT
 6574005 ARRANGED

LOGISTICS & SUPPLY CHAIN MGMT

BUSINESS LOGISTICS LSCM 360 3 CR.
 PREREQ: ECON 101
 SEC A1,B1,C1 RESTRICTED TO COLLEGE OF BUSINESS.
 NOT OPEN TO P BUS. SEC A2,B2,C2 FOR COLLEGES
 OTHER
 THAN BUSINESS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6788005 A1 MWF 2:10-3:00
 CONCURRENT ENROLLMENT OR PRIOR CREDIT
 IN MGMT 370
 & MKT 340 IS RECOMMENDED FOR THIS
 ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK
 INCLUDES FIN 301 AND

LOGISTICS & SUPPLY CHAIN MGMT

BUSINESS LOGISTICS LSCM 360 3 CR.
 6788010 A2 MWF 2:10-3:00
 6788015 B1 MW 3:40-4:55
 CONCURRENT ENROLLMENT OR PRIOR CREDIT
 IN MGMT 370
 & MKT 340 IS RECOMMENDED FOR THIS
 ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK
 INCLUDES FIN 301 AND
 OSCM 320.
 6788020 B2 MW 3:40-4:55

SUPLY CHAIN INFO SY LSCM 440 3 CR.
 PREREQ: MIS 330, OSCM 320, LSCM 360
 COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS
 YEARS 1-4 AND BUS S. NOT OPEN TO P BUS.
 6856005 A1 MW 3:40-5:00
 SECTION A1 RESTRICTED TO MIS MAJORS
 ONLY
 6856010 A2 MW 3:40-5:00
 SECTION A2 RESTRICTED TO ACCT, FIN,
 LSCM, MGMT,
 MKT, OSCM MAJORS YR 1-4

DECISN TOOLS LOG&OP LSCM 460 3 CR.
 PREREQ: 360, OSCM 320
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6790005 A1 TR 9:30-10:45
 SECTION A1 RESTRICTED TO COLLEGE OF
 BUSINESS
 ONLY. NOT OPEN TO P BUS.
 6790010 A2 TR 9:30-10:45
 SEC A2 RESTRICTED TO COLLEGES OTHER
 THAN BUSINESS

PRIN TRANSPORTATION LSCM 461 3 CR.
 PREREQ: 360
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6791005 A1 MWF 1:10-2:00
 SECTION A1 RESTRICTED TO LSCM MAJORS
 ONLY
 6791010 A2 MWF 1:10-2:00
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN LSCM,
 P BUS

INT'L TRANSPORT&LOG LSCM 466 3 CR.
 PREREQ: 360
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6793005 A1 MWF 2:10-3:00
 SEC A1 RESTRICTED TO LSCM, I BUS
 MAJORS ONLY
 6793010 A2 MWF 2:10-3:00
 SEC A2 FOR MAJORS OTHER THAN LSCM, P
 BUS

DEMAND PLANNING&MGMT LSCM 485 3 CR.
 PREREQ: 360, OSCM 320
 COURSE RESTRICTED TO ACCT, BUS S, BUS U, FIN,
 LSCM, MGMT, MIS, MKT, OSCM UNDERGRAD MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 1078005 A TR 12:40-1:55

LOGISTICS & SUPPLY CHAIN MGMT

PRIN PRCHS&SPLY MGT LSCM 486 3 CR.
 PREREQ: 360, OSMC 320
 COURSE RESTRICTED TO ACCT, BUS S, BUS U, FIN,
 LSCM, MGMT, MIS, MKT, OSMC UNDERGRAD MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4788005 A TR 9:30-10:45
 4788010 B TR 8:00-9:15

STRTGC SPLY CHN MGT LSCM 487 3 CR.
 PREREQ: LSCM 460 OR OSMC 422 OR OSMC 424;
 LSCM/OSMC 485 OR LSCM/OSMC 486
 COURSE RESTRICTED TO LSCM, OSMC SENIORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3085005 A TR 11:00-12:15

INDEPENDENT STUDY LSCM 490 1- 3 CR.
 PREREQ: 360, SENIOR CLASSIF, INSTRUCTOR PERMISSN
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT

ENTREPRENRSH&INNOV MGMT 310 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 SECTIONS A1,B1,C1 RESTRICTED TO ACCT, BUS U,
 FIN, LSCM, MGMT, MIS, MKT, OSMC JUNIORS AND
 SENIORS
 AND BUS S MAJORS. SEC A2,B2,C2 FOR BUSINESS
 COLLEGE
 GRADUATE MAJORS AND COLLEGES OTHER THAN BUSINESS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5318050 A1 TR 8:00-9:15
 5318010 A2 TR 8:00-9:15
 5318015 B1 TR 9:30-10:45
 5318020 B2 TR 9:30-10:45
 5318025 C1 MW 3:40-5:00
 5318030 C2 MW 3:40-5:00

FEASIB ANLY&BUS PLN MGMT 313 3 CR.
 PREREQ: 310 AND ENTREPRENUERSHIP MINOR OR MGMT
 MAJOR
 SECTIONS A1,B1 FOR ACCT, BUS S, BUS U, FIN, LSCM,
 MGMT, MIS, MKT, OSMC MAJORS ONLY. SECTIONS A2,B2
 RESTRICTED TO COLLEGES OTHER THAN BUSINES.
 6779005 A1 TR 2:10-3:25
 COLLEGE PERMISSION REQUIRED TO ADD
 DURING 1ST WEEK; GO TO 1200 GERDIN
 6779010 A2 TR 2:10-3:25
 COLLEGE PERMISSION REQUIRED TO ADD
 DURING 1ST WEEK; GO TO 1200 GERDIN
 6779015 B1 TR 11:00-12:15
 COLLEGE PERMISSION REQUIRED TO ADD
 DURING 1ST WEEK; GO TO 1200 GERDIN
 6779020 B2 TR 11:00-12:15
 COLLEGE PERMISSION REQUIRED TO ADD
 DURING 1ST WEEK; GO TO 1200 GERDIN

MANAGMT ORGANIZATNS MGMT 370 3 CR.
 PREREQ: ECON 101 OR 102 OR EQUIVALENT
 SECTIONS A1,B1 RESTRICTED TO BUSINESS COLLEGE.
 SECTIONS A2,B2 FOR COLLEGES OTHER THAN BUSINESS.
 NOT OPEN TO P BUS MAJORS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN

MANAGEMENT

5282005 A1 TR 8:00-9:20
 CONCURRENT ENROLLMENT OR PRIOR CREDIT
 IN MKT 340
 & LSCM 360 IS RECOMMENDED FOR THIS
 ENROLLMENT BLOCK.

NEXT SEMESTER ENROLLMENT BLOCK
 INCLUDES FIN 301 AND
 OSMC 320.
 5282010 A2 TR 8:00-9:20
 5282015 B1 MWF 9:00-9:50
 CONCURRENT ENROLLMENT OR PRIOR CREDIT

IN MKT 340
 & LSCM 360 IS RECOMMENDED FOR THIS
 ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK
 INCLUDES FIN 301 AND
 OSMC 320.
 5282020 B2 MWF 9:00-9:50

ORGANIZATNAL BEHAVR MGMT 371 3 CR.
 PREREQ: 370
 SEC A1,B1,C1 RESTRICTED TO BUSINESS COLLEGE
 UNDERGRADS. NOT OPEN TO P BUS MAJORS. SEC
 A2,B2,C2
 FOR COLLEGES OTHER THAN BUSINESS.

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5283005 A1 MWF 2:10-3:00
 5283010 A2 MWF 2:10-3:00
 5283015 B1 MWF 10:00-10:50
 5283020 B2 MWF 10:00-10:50
 5283025 C1 MWF 12:10-1:00
 5283030 C2 MWF 12:10-1:00

COMPETITIVE STRATGY MGMT 377 3 CR.
 PREREQ: ECON 101 AND JUNIOR CLASSIFICATION
 SEC A1,B1,C1 RESTRICTED TO ACCT, BUS S, BUS U,
 FIN, LSCM, MGMT, MIS, MKT, OSMC UNDERGRAD MAJORS.
 SEC A2,B2,C2 FOR COLLEGES OTHER THAN BUSINESS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN

5320005 A1 MWF 11:00-11:50
 5320010 A2 MWF 11:00-11:50
 5320015 B1 MWF 2:10-3:00
 5320020 B2 MWF 2:10-3:00
 5320025 C1 TR 3:40-5:00
 5320030 C2 TR 3:40-5:00

INTERNATIONAL MGMT MGMT 414 3 CR.
 SEC A1,B1 RESTRICTED TO MGMT MAJORS ONLY.
 SEC A2,B2 RESTRICTED TO ACCT, BUS U, FIN, I BUS,
 LSCM, MIS, MGMT, OSMC MAJORS ONLY.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5285015 A1 TR 2:10-3:25
 5285020 A2 TR 2:10-3:25
 5285025 B1 TR 3:40-5:00
 5285030 B2 TR 3:40-5:00

MANAGI NEW VENTURES MGMT 415 3 CR.
 PREREQ: 370, MKT 340, FIN 301, TRLOG 360, POM 320
 COURSE RESTRICTED TO COLLEGE OF BUSINESS SENIORS.
 NOT OPEN TO P BUS MAJORS.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5286005 A1 M 6:00-9:00PM
 5286010 A2 M 6:00-9:00PM

MANAGEMENT

MANAGEMENT

PERS&HUM RESOUR MGT MGMT 471 3 CR.

PREREQ: JUNIOR STANDING
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5293005 A1 TR 12:40-2:00
 SEC A1 RESTRICTED TO ACCT, BUS S, BUS
 U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM UNDERGRAD
 MAJORS ONLY
 5293010 A2 TR 12:40-2:00
 5293015 B1 TR 2:10-3:25
 SEC B1 RESTRICTED TO ACCT, BUS S, BUS
 U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM UNDERGRAD
 MAJORS ONLY
 5293020 B2 TR 2:10-3:25
 5293025 C1 MWF 2:10-3:00
 SEC C1 RESTRICTED TO ACCT, BUS S, BUS
 U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM UNDERGRAD
 MAJORS ONLY
 5293030 C2 MWF 2:10-3:00

MANAGE OF DIVERSITY MGMT 472 3 CR.

PREREQ: JUNIOR CLASSIFICATION
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 4444015 A1 MWF 9:00-9:50
 SECTION A1 RESTRICTED TO ACCT, BUS S,
 BUS U, FIN, LSCM, MGMT, MIS, MKT, OSCM MAJORS ONLY
 4444020 A2 MWF 9:00-9:50
 SEC A2 RESTRICTED TO COLLEGES OTHER
 THAN BUSINESS

STRATEGIC MANAGEMNT MGMT 478 3 CR.

PREREQ: 370, OSCM 320, FIN 301, MKT 340,
 LSCM 360, ACCT 285, GRADUATING SENIOR
 COURSE RESTRICTED TO SENIORS GRADUATING
 FALL 2008 FROM THE COLLEGE OF BUSINESS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5294005 A1 TR 8:00-9:20
 5294010 B1 TR 9:30-10:50
 5294025 C1 TR 11:00-12:20
 5294040 D1 TR 12:40-2:00
 5294050 E1 TR 2:10-3:25
 5294060 F1 TR 3:40-5:00
 5294065 G1 R 6:00-9:00PM
 5294070 J1 W 6:00-9:00PM

INDEPENDENT STUDY MGMT 490 1- 3 CR.

PREREQ: 370, SENIOR CLASSIFICATION, PERMISSION OF
 INSTRUCTOR DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

STRATEGY FORMATION MGMT 501 1 CR.

PREREQ: GRADUATE CLASSIFICATION
 COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9121015 R M 8:30-11:50
 F 1:10-4:30
 SECT R:SEPT 4-21
 THE ONLY FRIDAY MEETING IS SEPT 5
 9121600 XA MT 5:45-9:15PM
 SECT XA:AUG 31-SEPT 21
 THE ONLY TUESDAY MTG. IS SEPT 8. NO CLASS SEPT 7.
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

ORGANIZATNAL BEHAVR MGMT 507 2 CR.

PREREQ: GRADUATE CLASSIFICATION
 COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9128005 R F 8:30-11:50
 SECT R:SEPT 4-NOV 20
 NO MEETINGS OCT 2-23
 9128600 XA W 5:45-9:15PM
 SECT XA:SEPT 2-NOV 18
 NO MEETINGS SEPT 30-OCT 21
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

ETHICS&SOC RESPONSB MGMT 511 1 CR.

PREREQ: GRADUATE CLASSIFICATION
 COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
 9136600 XA W 5:45-9:15PM
 SECT XA:SEPT 30-OCT 21
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

STRATEGIC MANAGEMNT MGMT 512 2 CR.

PREREQ: 501, 507, OSCM 502, MIS 503, MKT 504,
 FIN 505, ACCT 508
 COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
 9137005 S S 8:30-4:30
 SECT S:OCT 31-NOV 21
 9137600 XA TR 5:45-9:15PM
 SECT XA:OCT 27-NOV 19
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

ENTREPRENEURSHIP MGMT 566 3 CR.

PREREQ: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7270005 A T 6:00-9:30PM

MNG EMPLYE ATTI&BHV MGMT 570 3 CR.

PREREQ: 371 OR 507 OR PSYCH 450
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 5300005 A T 6:00-9:30PM
 SECT A:SEPT 8-DEC 1

STRATEG MGT INNOVAT MGMT 583 3 CR.

PREREQ: 501 OR PERMISSION OF INSTRUCTOR
 5816600 XA W 5:45-9:15PM
 SECT XA:SEPT 2-NOV 18
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

SPECIAL TOPICS MGMT 590 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFORMATION SYSTEMS

MGMT INFO SYSTEMS MIS 330 3 CR.

PREREQ: COM S 103
 SEC A1,B1,C1 RESTRICTED TO COLLEGE OF BUSINESS.
 SECTIONS A2,B2,C2 FOR ALL OTHER COLLEGES.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 4394005 A1 MWF 1:10-2:00
 4394010 A2 MWF 1:10-2:00
 4394015 B1 MWF 12:10-1:00
 4394020 B2 MWF 12:10-1:00
 4394025 C1 MWF 10:00-10:50
 4394030 C2 MWF 10:00-10:50

FILE STRUCT&PROGRMG MIS 331 3 CR.

PREREQ: COM S 207
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 9608005 A1 MWF 11:00-11:50
 SECTION A1 RESTRICTED TO MIS MAJORS
 ONLY
 9608015 A2 MWF 11:00-11:50
 SECTION A2 RESTRICTED TO ACCT, BUS U, FIN, LSCM, MGMT,
 MKT, OSCM MAJORS ONLY
 9608010 B1 MWF 12:10-1:00
 SECTION B1 RESTRICTED TO MIS MAJORS
 ONLY
 9608020 B2 MWF 12:10-1:00
 SECTION B2 RESTRICTED TO ACCT, BUS U,
 FIN, LSCM, MGMT, MKT, OSCM MAJORS ONLY

INFO SYST ANALYSIS MIS 432 3 CR.

PREREQ: 330
 SEC A1,B1 RESTRICTED MIS MAJORS ONLY. SEC A2,B2
 RESTRICTED TO ACCT, BUS U, FIN, LSCM, MGMT, MKT,
 OSCM MAJORS ONLY.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5290005 A1 TR 2:10-3:25
 5290010 A2 TR 2:10-3:25
 5290015 B1 TR 3:40-5:00
 5290020 B2 TR 3:40-5:00

DATABASE MGT SYSTMS MIS 433 3 CR.

PREREQ: 331
 CREDIT FOR EITHER MIS 433 OR MIS 423, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5289005 A1 TR 2:10-3:25
 SECTION A1 RESTRICTED TO MIS MAJORS
 ONLY
 5289015 A2 TR 2:10-3:25
 SECTION A2 RESTRICTED TO ACCT, BUS U,
 FIN, LSCM, MGMT, MKT, OSCM MAJORS ONLY
 5289010 B1 TR 3:40-5:00
 SECTION B1 RESTRICTED TO MIS MAJORS
 ONLY
 5289020 B2 TR 3:40-5:00
 SECTION B2 RESTRICTED TO ACCT, BUS U,
 FIN, LSCM, MGMT, MKT, OSCM MAJORS ONLY

ELECTRONIC COMMERCE MIS 434 3 CR.

PREREQ: 330, MKT 340, LSCM 360
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 7405005 A1 TR 11:00-12:15
 SECTION A1 RESTRICTED TO MIS MAJORS
 ONLY

ELECTRONIC COMMERCE MIS 434 3 CR.
 7405010 A2 TR 11:00-12:15
 SEC A2 RESTRICTED TO ACCT, BUS U,
 FIN, LSCM,
 MGMT, MKT, OSCM MAJORS ONLY

BUSINESS TELECOMMUN MIS 435 3 CR.

PREREQ: 330
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6396005 A1 TR 11:00-12:15
 SECTION A1 RESTRICTED TO MIS MAJORS
 ONLY
 6396015 A2 TR 11:00-12:15
 SECTION A2 RESTRICTED TO ACCT, BUS U,
 FIN, LSCM,
 MGMT, MKT, OSCM MAJORS ONLY
 6396010 B1 TR 12:40-2:00
 SECTION B1 RESTRICTED TO MIS MAJORS
 ONLY
 6396020 B2 TR 12:40-2:00
 SECTION B2 RESTRICTED TO ACCT, BUS U,
 FIN, LSCM,
 MGMT, MKT, OSCM MAJORS ONLY

INFO SYSTM DEVELPMT MIS 438 3 CR.

PREREQ: 432, 433, 435
 COURSE RESTRICTED TO MIS MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5291005 A1 MW 3:40-4:55
 SECTION A1 RESTRICTED TO MIS MAJORS
 ONLY
 5291010 A2 MW 3:40-4:55
 SECTION A2 RESTRICTED TO ACCT, BUS U,
 FIN, LSCM, MGMT, MKT, OSCM MAJORS ONLY

TOPICS INFO SYS MGT MIS 439 3 CR.

PREREQ: 331, PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO MIS MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6785005 A M 6:00-9:00PM

SUPLY CHAIN INFO SY MIS 440 3 CR.

PREREQ: 330, OSCM 320, LSCM 360
 6850005 A1 MW 3:40-5:00
 SECTION A1 RESTRICTED TO MIS MAJORS
 ONLY
 6850010 A2 MW 3:40-5:00
 SECTION A2 RESTRICTED TO ACCT, BUS U,
 FIN, LSCM, MGMT, MKT, OSCM MAJORS YR 1-4

INDEPENDENT STUDY MIS 490 1- 3 CR.

PREREQ: 330, SENIOR CLASSIFICATION, PERMISSION
 OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFO SYSTM MIS 503 2 CR.

PREREQ: GRADUATE CLASSIFICATION
 COURSE RESTRICTED TO BUSAD AND LOMIS GRAD MAJORS
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9126015 R F 8:30-11:50
 SECT R:OCT 2-NOV 18
 9126010 S S 8:30-12:00
 S 1:00-4:30
 SECT S:AUG 29-OCT 24
 MEETS MORNINGS ONLY IN AUGUST AND
 SEPTEMBER; MEETS AFTERNOONS ONLY IN OCTOBER

MANAGEMENT INFORMATION SYSTEMS

MANAGEMENT INFO SYSTM MIS 503 2 CR.
 9126600 XA R 5:45-9:15PM
 SECT XA:SEPT 3-OCT 22
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

ADV BUS SOFTWARE DEV MIS 532 3 CR.
 PREREQ: 531 OR EQUIVALENT
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 5078005 A R 6:00-9:30PM
 SECT A:SEPT 3-NOV 19

BUS PROCESS SYSTEMS MIS 538 3 CR.
 PREREQ: 503
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2259005 S S 1:00-4:30
 SECT S:AUG 29-NOV 21

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

CREATIVE COMPONENT MIS 599 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF
 SUPERVISORY COMMITTEE CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

HCI:ORGZ&SOC IMPLIC MIS 655 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION
 OF DISSERTATION SUPERVISOR
 5093005 A T 3:40-6:40PM
 5093600 XE T 3:40-6:40PM
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 RESTRICTED TO DISTANCE STUDENTS.
 ALL OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

RESEARCH MIS 699 3- 6 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRIN OF MARKETING MKT 340 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN ECON 101
 SECTIONS A1,B1 RESTRICTED TO BUSINESS COLLEGE.
 SECTIONS A2,B2 FOR ALL OTHER STUDENTS. NOT OPEN
 TO P BUS MAJORS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5352005 A1 TR 11:00-12:20
 CONCURRENT ENROLLMENT OR PRIOR CREDIT
 IN MGMT 370 & LSCM 360 IS RECOMMENDED FOR THIS
 ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK
 INCLUDES FIN 301 AND OSCM 320.
 5352010 A2 TR 11:00-12:20
 5352015 B1 TR 3:40-5:00
 CONCURRENT ENROLLMENT OR PRIOR CREDIT
 IN MGMT 370
 & LSCM 360 IS RECOMMENDED FOR THIS
 ENROLLMENT BLOCK. NEXT SEMESTER ENROLLMENT BLOCK
 INCLUDES FIN 301 AND OSCM 320.

MARKETING

PRIN OF MARKETING MKT 340 3 CR.
 5352020 B2 TR 3:40-5:00

PERSONAL SALES MKT 343 3 CR.
 PREREQ: 340
 SEC A1,B1 RESTRICTED TO COLLEGE OF BUSINESS ONLY.
 SEC A2,B2 FOR ALL OTHER COLLEGES. NOT OPEN TO P
 BUS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5354005 A1 MWF 9:00-9:50
 5354010 A2 MWF 9:00-9:50
 5354015 B1 MWF 11:00-11:50
 5354020 B2 MWF 11:00-11:50

PROMOTIONAL STRATEG MKT 410 3 CR.
 PREREQ: CR OR ENROLLMENT IN 447
 SECTIONS A1,B1 RESTRICTED TO MKT MAJORS ONLY.
 SEC A2,B2 FOR ALL OTHER MAJORS. NOT OPEN TO P
 BUS.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5355005 A1 TR 11:00-12:20
 5355010 A2 TR 11:00-12:20
 5355015 B1 TR 12:40-2:00
 5355020 B2 TR 12:40-2:00

STRATEGC MRKTING MGT MKT 443 3 CR.
 PREREQ: 444, 447
 COURSE RESTRICTED TO MKT SENIORS GRADUATING F'09
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5358005 A TR 3:40-5:00
 5358010 B TR 12:40-2:00
 5358015 C TR 8:00-9:20

FUND MARKTG RSEARCH MKT 444 3 CR.
 PREREQ: 340, STAT 226
 COURSE RESTRICTED TO MKT MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5359005 A MWF 8:00-8:50
 5359010 B MWF 9:00-9:50

FUND CONSUMER BEHAV MKT 447 3 CR.
 PREREQ: 340
 SECTIONS A1,B1,ETC. RESTRICTED TO MKT MAJORS.
 SEC A2,B2,ETC. FOR OTHER MAJORS. NOT OPEN TO P
 BUS.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5362005 A1 TR 9:30-10:45
 5362010 A2 TR 9:30-10:45
 5362015 B1 TR 11:00-12:15
 5362020 B2 TR 11:00-12:15
 5362025 C1 TR 12:40-1:55
 5362030 C2 TR 12:40-1:55
 5362035 D1 TR 3:40-4:55
 5362040 D2 TR 3:40-4:55

MARKETING

FUND INT'L MARKETNG MKT 448 3 CR.

PREREQ: 340
 COURSE RESTRICTED TO MKT, I BUS MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 9609005 A M 6:00-9:00PM
 9609010 B MW 3:40-5:00

MARKETING CHANNELS MKT 451 3 CR.

PREREQ: 340
 5823005 A TR 8:00-9:15
 5823010 B TR 11:00-12:15

INDEPENDENT STUDY MKT 490 1- 3 CR.

PREREQ: 340, SR CLASSIFICATN; INSTRUCTOR PERMISSN
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INT'L MARKETING MKT 541 3 CR.

PREREQ: 504, 509
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8678005 A M 6:00-9:30PM
 8678600 XA M 5:45-9:15PM
 SECT XA:SEPT 7-NOV 30
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY DES MOINES

SPECIAL TOPICS MKT 590 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS ENGINEERING

MAT SCI&ENGR PLANNI MAT E 201 R CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: SOPHOMORE CLASSIFICATION IN MAT E
 COURSE RESTRICTED TO MAT E MAJORS ONLY
 5726005 R 11:00-11:50

INTRO MTRLS SCI&E I MAT E 215 3 CR.

PREREQ: CHEM 177 OR 167, MAJOR IN MATERIALS ENGR
 CREDIT IN ONLY ONE OF MAT E 215, MAT E 272,
 OR MAT E 392 MAY BE APPLIED TOWARD GRADUATION
 7495005 MWF 10:00-10:50

INTRO MAT S&E LABI MAT E 215L 1 CR.

PREREQ: CREDIT OR ENROLLMENT IN 215 OR 272 OR
 392; MAJOR IN MATERIALS ENGINEERING
 7496005 A M 3:10-6:00PM
 7496010 B T 3:10-6:00PM
 7496015 C W 3:10-6:00PM
 7496020 D R 3:10-6:00PM

PRIN MATRLS SCI&ENG MAT E 272 2 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CHEM 167 OR 177, SOPHOMORE CLASSIFICATION
 CREDIT FOR ONLY ONE OF MAT E 211, OR MAT E 272,
 OR THE COMBINATION OF MAT E 272 AND 394, OR THE
 COMBINATION OF MAT E 392 AND 394 MAY BE APPLIED
 TOWARD GRADUATION. CREDIT FOR ONLY ONE OF MAT E

215,
 MAT E 272, OR MAT E 392 MAY BE APPLIED TOWARD
 GRADUATION.

MATERIALS ENGINEERING

6394005 A1 TR 2:10-3:00
 SECTION A1 RESTRICTED TO M E, A E

MAJORS ONLY
 6394010 A2 TR 2:10-3:00
 SECTN A2 RESTRICTED TO C E, CH E, CON
 E, CPR E,
 E E, ENGR, ENGRS, MAT E, S E MAJORS

6394025 A3 TR 2:10-3:00
 SEC A3 RESTRICTED TO AER E, I E

MAJORS ONLY
 6394045 B1 MW 11:00-11:50
 SEC B1 RESTRICTED TO M E, A E MAJORS

ONLY
 6394050 B2 MW 11:00-11:50
 SEC B2 RESTRICTED TO C E, CH E, CON
 E, CPR E,
 E E, ENGR, ENGRS, MAT E MAJORS

6394055 B3 MW 11:00-11:50
 SEC B3 RESTRICTED TO AER E, I E

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

THERMODYNM IN MAT E MAT E 311 3 CR.

PREREQ: 216, CHEM 178, PHYS 222, CREDIT OR
 ENROLLMENT IN MATH 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6316005 MWF 10:00-10:50

INTR ELEC PROP MATL MAT E 317 3 CR.

PREREQ: 216, PHYS 222, MAJOR IN MATERIALS ENGR
 7500005 MWF 1:10-2:00

INTRO CERAMIC SCIEN MAT E 321 3 CR.

PREREQ: 216
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6591005 A MWF 2:10-3:00

SEMICND MTRLS&DEVIC MAT E 332 3 CR.

PREREQ: PHYS 222, MAT E MAJORS MUST ALSO HAVE
 CREDIT IN MAT E 334
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6597005 A TR 12:40-2:00

INTR POLYMER MATRLS MAT E 351 3 CR.

PREREQ: 216
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6615005 TR 3:40-5:00

TOYING WITH TECHNOL MAT E 370 3 CR.

PREREQ: C I 201, JR STANDING, NOT IN ENGINEERING
 5939005 1 TR 1:10-3:00

ENGR INTERNSHIP MAT E 397 R CR.

PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES; JR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC MAT E 398 R CR.

PREREQ: 298, PERMISSN OF DEPTMNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO PRACTICE III MAT E 413 3 CR.

PREREQ: SENIOR STATUS IN MAT E
 6628005 A MW 2:10-3:00, ARRANGED

MATERIALS ENGINEERING

GLASS SCIENCE &ENGR MAT E 423 3 CR.
 PREREQ: 311, 321
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8843005 1 TR 10:00-10:50
 R 12:40-3:30

ADV ELECTRN MATERLS MAT E 433 3 CR.
 PREREQ: 334
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6676005 MF 9:00-9:50
 W 9:00-9:50, ARRANGED

PHYS MET FERR ALLOY MAT E 443 3 CR.
 PREREQ: 214, 216, 311
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6679005 1 TR 11:00-11:50
 F 11:00-11:50
 ARRANGED

PHY&MC PROPRT POLYM MAT E 453 3 CR.
 PREREQ: 351
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6681005 TR 8:00-8:50
 T 12:10-3:00

MULTIDISC ENGR DSGN MAT E 466 3 CR.
 PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS
 OF GRADUATION, PERMISSION OF INSTRUCTOR
 1740005 1 T 11:00-11:50
 ARRANGED
 1740010 2 T 11:00-11:50
 ARRANGED
 1740015 3 T 11:00-11:50
 ARRANGED
 1740020 4 T 11:00-11:50
 ARRANGED

EDDY CURRENT NDE MAT E 488 3 CR.
 PREREQ: MATH 265; MAT E 216 OR 272 OR E E 311 OR
 PHYS 364
 5821005 MWF 10:00-10:50
 5821600 XE MWF 10:00-10:50 BOWLER N
 SECT XE:AUG 24-DEC 18
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

INDEPENDENT STUDY MAT E 490 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC MAT E 498 R CR.
 PREREQ: 398, PERMISSN OF DEPRTMNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SCIENCE & ENGINEERING

FUND STRC&CHM MATRL M S E 510 3 CR.
 PREREQ: MATH 165, PHYS 221, CHEM 167
 5610005 TR 9:30-10:50

MATERIALS SCIENCE & ENGINEERING

THRM MLTICMPO MTRLS M S E 520 3 CR.
 PREREQ: MAT E 311 OR CHEM 321, MATH 266 OR 267
 5611005 TR 11:00-12:20

MECH BEHAV MATERLS M S E 540 3 CR.
 PREREQ: MAT E 418, MATH 266 OR MATH 267
 5664005 MWF 1:10-2:00

PHY&MC PROPRT POLYM M S E 553 3 CR.
 PREREQ: MAT E 351
 3502005 TR 8:00-8:50
 T 12:10-3:00

EDDY CURRENT NDE M S E 588 3 CR.
 PREREQ: MATH 265 AND (MAT E 216 OR 272 OR E E 311
 OR PHYS 364)
 5895005 MWF 10:00-10:50
 5895600 XE MWF 10:00-10:50 BOWLER N
 SECT XE:AUG 24-DEC 18
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

SPECIAL TOPICS M S E 590 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ACAD TEACH PRACTCES M S E 610 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5685005 ARRANGED

ADV TOPICS MATRL SC M S E 690 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M S E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN
 4307005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

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

MATHEMATICS

HIGH SCHOOL ALGEBRA MATH 10 0 CR.
 SATISFACTORY-FAIL ONLY.
 DEVELOPMENTAL MATH FEE APPLIES. SEE FEES INFO AT

HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/OTHFEE.SHTML
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

5115005 A1 MTRF 9:00-9:50
 5115010 A2 MTRF 9:00-9:50
 5115040 B1 MTRF 11:00-11:50
 5115045 B2 MTRF 11:00-11:50
 5115090 C1 MTRF 12:10-1:00
 5115095 C2 MTRF 12:10-1:00

ORIENTATION IN MATH MATH 101 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: NEW STUDENT MAJORING IN MATH
 2759005 A M 4:10-5:00
 2759010 B W 3:10-4:00

MATHEMATICS

MATHEMATICS

INTRO PROB&MATR MATH 104 3 CR.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

CREDITS EARNED IN MATH 104 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
5128005 A MWF 12:10-1:00

INTRO TO MATH IDEAS MATH 105 3 CR.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YEAR OF HS GEOMETRY CREDITS EARNED IN MATH 105 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS
5129005 MWF 1:10-2:00

COLLEGE ALGEBRA MATH 140 3 CR.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY CREDITS EARNED IN MATH 140 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY NOT APPLY

MATH 140 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.

- 5132005 A1 TR 9:00-9:50
M 8:00-8:50
- 5132015 B1 TR 9:00-9:50
M 9:00-9:50
- 5132020 B2 TR 9:00-9:50
M 9:00-9:50
- 5132030 C1 TR 9:00-9:50
F 8:00-8:50
- 5132040 D1 TR 9:00-9:50
F 9:00-9:50
- 5132045 D2 TR 9:00-9:50
F 9:00-9:50
- 5132050 E1 TR 1:10-2:00
M 12:10-1:00
- 5132060 F1 TR 1:10-2:00
M 1:10-2:00
- 5132065 F2 TR 1:10-2:00
M 1:10-2:00
- 5132070 G1 TR 1:10-2:00
F 12:10-1:00
- 5132075 H1 TR 1:10-2:00
F 1:10-2:00
- 5132080 H2 TR 1:10-2:00
F 1:10-2:00

TRIGONOMETRY MATH 141 2 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLED

IN 140
CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

CREDITS EARNED IN MATH 141 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE LAS COLLEGE MAY NOT COUNT MATH 141 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.

- 5133005 A1 MF 8:00-8:50
T 8:00-8:50
SECT A1:1ST 11 WKS
- 5133010 A2 MF 8:00-8:50
T 8:00-8:50
SECT A2:1ST 11 WKS

TRIGONOMETRY MATH 141 2 CR.

- 5133025 B1 MF 8:00-8:50
W 8:00-8:50
SECT B1:1ST 11 WKS
- 5133030 B2 MF 8:00-8:50
W 8:00-8:50
SECT B2:1ST 11 WKS
- 5133040 C1 MF 8:00-8:50
R 8:00-8:50
SECT C1:1ST 11 WKS
- 5133041 C2 MF 8:00-8:50
R 8:00-8:50
SECT C2:1ST 11 WKS
- 5133045 D1 ARRANGED
T 6:00-6:50PM
R 6:00-6:50PM
SECT D1:1ST 11 WKS
THE TWO SCHEDULED HOURS ON TUESDAY

AND THURSDAY ARE FOR EXAMS AND HELP SESSIONS

ONLY DELIVERY IS WWW SECTION INFO:

<http://orion.math.iastate.edu/trig/sp/curren>

TRIG&ANALY GEOMETRY MATH 142 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLMENT IN 140
CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

CREDITS EARNED IN MATH 142 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE LAS COLLEGE MAY NOT COUNT MATH 142 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.

- 5134005 A1 MF 8:00-8:50
T 8:00-8:50
- 5134010 A2 MF 8:00-8:50
T 8:00-8:50
- 5134025 B1 MF 8:00-8:50
W 8:00-8:50
- 5134030 B2 MF 8:00-8:50
W 8:00-8:50
- 5134040 C1 MF 8:00-8:50
R 8:00-8:50
- 5134045 C2 MF 8:00-8:50
R 8:00-8:50
- 5134050 D1 MF 11:00-11:50
T 11:00-11:50
- 5134055 D2 MF 11:00-11:50
T 11:00-11:50
- 5134070 E1 MF 11:00-11:50
W 11:00-11:50
- 5134075 E2 MF 11:00-11:50
W 11:00-11:50
- 5134080 F1 MF 11:00-11:50
R 11:00-11:50
- 5134085 F2 MF 11:00-11:50
R 11:00-11:50
- 5134090 G1 ARRANGED, R 12:10-1:00
T 12:10-1:00
THE TWO SCHEDULED HOURS ON TUES AND

THURS ARE FOR EXAMS AND HELP SESSIONS ONLY DELIVERY IS WWW

- 5134095 G2 ARRANGED, T 12:10-1:00
R 12:10-1:00
THE TWO SCHEDULED HOURS ON TUES AND

THURS ARE FOR EXAMS AND HELP SESSIONS ONLY DELIVERY IS WWW

MATHEMATICS

TRIG&ANALY GEOMETRY MATH 142 3 CR.

5134100 H1 ARRANGED, R 1:10-2:00
 T 1:10-2:00
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW

5134105 H2 ARRANGED, T 1:10-2:00
 R 1:10-2:00
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW

5134110 J1 ARRANGED, R 2:10-3:00
 T 2:10-3:00
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW

5134115 J2 ARRANGED, T 2:10-3:00
 R 2:10-3:00
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW

5134120 K1 ARRANGED, R 3:10-4:00
 T 3:10-4:00
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/trig/sp/curren>

5134125 K2 ARRANGED, T 3:10-4:00
 R 3:10-4:00
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/trig/sp/curren>

5134200 L1 ARRANGED, R 4:10-5:00
 T 4:10-5:00
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/trig/sp/curren>

5134205 L2 ARRANGED, T 4:10-5:00
 R 4:10-5:00
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/trig/sp/curren>

5134210 M1 ARRANGED
 R 5:10-6:00PM
 T 5:10-6:00PM
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/trig/sp/curren>

5134215 M2 ARRANGED
 T 5:10-6:00PM
 R 5:10-6:00PM
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW

5134220 N1 ARRANGED
 R 6:00-6:50PM
 T 6:00-6:50PM
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/trig/sp/curren>

MATHEMATICS

TRIG&ANALY GEOMETRY MATH 142 3 CR.

5134225 P1 ARRANGED
 R 11:00-11:50
 T 11:00-11:50
 THE TWO SCHEDULED HOURS ON TUES AND THURS ARE FOR EXAMS AND HELP SESSIONS ONLY
 DELIVERY IS WWW

DISC MATH BUS&SOC S MATH 150 3 CR.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY LECTURE
 DELIVERY IS WWW. THE SCHEDULED HOUR IS A LAB. CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. MATH 150 BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5135005 1 ARRANGED, M 9:00-9:50
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135010 2 ARRANGED
 M 10:00-10:50
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135015 3 ARRANGED
 M 11:00-11:50
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135020 4 ARRANGED, M 12:10-1:00
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135025 5 ARRANGED, M 1:10-2:00
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135030 6 ARRANGED, M 2:10-3:00
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135035 7 ARRANGED, M 3:10-4:00
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135040 8 ARRANGED, M 4:10-5:00
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135045 9 ARRANGED
 M 5:10-6:00PM
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135050 10 ARRANGED
 M 6:00-6:50PM
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135055 11 ARRANGED, T 8:00-8:50
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135060 12 ARRANGED, T 9:00-9:50
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135065 13 ARRANGED
 T 10:00-10:50
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135070 14 ARRANGED, W 8:00-8:50
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

5135075 15 ARRANGED, W 9:00-9:50
 DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/mathbus/sp/cur>

MATHEMATICS

DISC MATH BUS&SOC S MATH 150 3 CR.

5135080 16 ARRANGED
W 10:00-10:50
DELIVERY IS WWW
SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

5135085 17 ARRANGED
W 11:00-11:50
DELIVERY IS WWW
SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

5135090 18 ARRANGED, W 12:10-1:00
DELIVERY IS WWW
SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

5135095 19 ARRANGED, W 3:10-4:00
DELIVERY IS WWW
SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

5135100 20 ARRANGED, W 4:10-5:00
DELIVERY IS WWW
SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

5135105 21 ARRANGED, R 8:00-8:50
DELIVERY IS WWW
SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

5135110 22 ARRANGED, R 9:00-9:50
DELIVERY IS WWW
SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

5135115 23 ARRANGED
R 10:00-10:50
DELIVERY IS WWW
SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

5135120 24 ARRANGED
F 11:00-11:50
DELIVERY IS WWW
SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

5135125 25 ARRANGED, F 2:10-3:00
DELIVERY IS WWW

5135135 26 ARRANGED, F 1:10-2:00
DELIVERY IS WWW

5135140 27 ARRANGED, F 3:10-4:00
DELIVERY IS WWW

BUS & SOC SCI CALC MATH 151 3 CR.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151, 160,165-166,181-182. 6 CR OF MATH 151,181,165, (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN. CREDITS EARNED IN MATH 151 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5136005 A1 MF 12:10-1:00
T 12:10-1:00

5136010 A2 MF 12:10-1:00
T 12:10-1:00

5136015 B1 MF 12:10-1:00
W 12:10-1:00

5136020 B2 MF 12:10-1:00
W 12:10-1:00

5136025 C1 MF 12:10-1:00
R 12:10-1:00

5136030 C2 MF 12:10-1:00
R 12:10-1:00

5136050 D1 MF 3:10-4:00
T 3:10-4:00

5136055 D2 MF 3:10-4:00
T 3:10-4:00

5136060 E1 MF 3:10-4:00
W 3:10-4:00

MATHEMATICS

BUS & SOC SCI CALC MATH 151 3 CR.

5136065 E2 MF 3:10-4:00
W 3:10-4:00

5136070 F1 MF 3:10-4:00
R 3:10-4:00

5136075 F2 MF 3:10-4:00
R 3:10-4:00

SURVEY OF CALCULUS MATH 160 4 CR.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HIGH SCHOOL ALGEBRA, 1 YR OF GEOMETRY

ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH

151, 160, 165-166, 181-182. CREDITS EARNED IN MATH 160 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5137005 A MTRF 10:00-10:50

5137010 B MTRF 12:10-1:00

5137015 C MTRF 1:10-2:00

CALCULUS I MATH 165 4 CR.

NIGHT EXAMINATIONS SCHEDULED.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YRS OF GEOMETRY, 1 SEMESTER OF

TRIGONOMETRY

OR ENROLLMENT IN 141 OR 142

ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE APPLIED TOWARD GRADUATION: MATH

151, 160,165-166,181-182. 6 CR OF MATH 151,181,165 (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO

OTHER

CALCULUS HAS BEEN TAKEN.

5138005 A1 MWF 9:00-9:50
T 8:00-8:50

5138010 B1 MWF 9:00-9:50
T 9:00-9:50

5138015 B2 MWF 9:00-9:50
T 9:00-9:50

5138020 C1 MWF 9:00-9:50
R 8:00-8:50

5138025 D1 MWF 9:00-9:50
R 9:00-9:50

5138030 D2 MWF 9:00-9:50
R 9:00-9:50

5138035 E1 MTRF 9:00-9:50

5138040 E2 MTRF 9:00-9:50

5138045 F1 MTRF 10:00-10:50

5138050 F2 MTRF 10:00-10:50

5138051 F3 MTRF 10:00-10:50

5138052 F4 MTRF 10:00-10:50

5138055 G1 MTRF 11:00-11:50

5138060 G2 MTRF 11:00-11:50

5138065 H1 MWF 11:00-11:50
T 10:00-10:50

5138070 J1 MWF 11:00-11:50
T 11:00-11:50

5138075 J2 MWF 11:00-11:50
T 11:00-11:50

5138080 K1 MWF 11:00-11:50
R 10:00-10:50

5138085 L1 MWF 11:00-11:50
R 11:00-11:50

5138090 L2 MWF 11:00-11:50
R 11:00-11:50

5138110 M1 MTRF 1:10-2:00

5138115 M2 MTRF 1:10-2:00

5138120 M3 MTRF 1:10-2:00

5138125 N1 MTRF 2:10-3:00

5138130 N2 MTRF 2:10-3:00

MATHEMATICS

CALCULUS I MATH 165 4 CR.

5138135 P1 MTRF 3:10-4:00
 5138136 P2 MTRF 3:10-4:00
 5138140 Q1 MTWR 5:10-6:00PM
 5138145 R1 MWF 7:30-8:50
 5138150 T1 MTWR 5:10-6:00PM

CALCULUS II MATH 166 4 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: GRADE OF C- OR BETTER IN 165 OR
 HIGH MATH PLACEMENT SCORES
 ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH

151,
 160, 165-166, 181-182. 6 CREDITS OF MATH 151,
 181,
 165 (OR 166) MAY BE APPLIED TOWARD GRADUATION
 IF NO OTHER CALCULUS HAS BEEN TAKEN.

5139005 A1 MTRF 9:00-9:50
 5139010 A2 MTRF 9:00-9:50
 5139015 B1 MWF 10:00-10:50
 T 9:00-9:50
 5139030 C1 MWF 10:00-10:50
 T 10:00-10:50
 5139035 C2 MWF 10:00-10:50
 T 10:00-10:50
 5139045 D1 MWF 10:00-10:50
 R 9:00-9:50
 5139055 E1 MWF 10:00-10:50
 R 10:00-10:50
 5139056 E2 MWF 10:00-10:50
 R 10:00-10:50
 5139060 F1 MTRF 11:00-11:50
 5139061 F2 MTRF 11:00-11:50
 5139075 G1 MTRF 12:10-1:00
 5139070 H1 MWF 1:10-2:00
 T 12:10-1:00
 5139080 J1 MWF 1:10-2:00
 T 1:10-2:00
 5139081 J2 MWF 1:10-2:00
 T 1:10-2:00
 5139085 K1 MWF 1:10-2:00
 R 12:10-1:00
 5139090 L1 MWF 1:10-2:00
 R 1:10-2:00
 5139092 L2 MWF 1:10-2:00
 R 1:10-2:00
 5139095 M1 MTRF 2:10-3:00
 5139096 M2 MTRF 2:10-3:00
 5139100 N1 MTWR 5:10-6:00PM

HONORS--CALCULUS II MATH 166H 4 CR.

PREREQ: PERMISSION OF INSTRUCTOR; 165 OR HIGH
 MATH PLACEMENT SCORES; MEMBERSHIP IN THE
 UNIVERSITY
 HONORS PROGRAM
 PREFERENCE WILL BE GIVEN TO STUDENTS IN THE
 UNIVERSITY HONORS PROGRAM. ONLY ONE OF THE
 FOLLOWING
 COURSES/SEQUENCES OF COURSES MAY BE APPLIED
 TOWARD
 GRADUATION: MATH 151,160,165-166,181-182. 6
 CREDITS
 OF MATH 151,181,165 (OR 166) MAY BE APPLIED
 TOWARD
 GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN.

1114005 A MTRF 8:00-8:50
 1114010 B MTRF 8:00-8:50

MATHEMATICS

LIFE SCI CALC&MDL I MATH 181 4 CR.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF H.S. ALGEBRA, 1 YR H.S. GEOMETRY,
 1 SEMESTER OF TRIG OR ENROLLMENT IN 141 OR 142
 ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH

151,
 160,165-166,181-182. 6 CR OF MATH 151,181,165
 (OR 166) MAY BE APPLIED TOWARD GRADUATION IF NO

OTHER
 CALCULUS HAS BEEN TAKEN. CREDITS EARNED IN MATH
 181
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH
 MAJORS.

4531005 A MTRF 11:00-11:50

MATH FOR ELEM ED I MATH 195 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY,
 ENROLLMENT IN ELEM ED OR EARLY CHILDHOOD
 EDUCATION
 CREDITS EARNED IN MATH 195 CANNOT BE APPLIED
 TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE
 LAS COLLEGE MAY NOT APPLY MATH 195 TOWARD GROUP

III
 OF THE GENERAL ED REQUIREMENTS.

5144005 A MWF 8:00-9:15
 5144010 B MWF 9:30-10:45
 5144015 C MWF 11:00-12:15
 5144020 D MWF 12:45-2:00

MATH FOR ELEM ED II MATH 196 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: GRADE OF C- OR BETTER IN 195 AND
 ENROLLMENT IN ELEMENTARY EDUCATION
 CREDITS EARNED IN MATH 196 CANNOT BE APPLIED
 TOWARD GRADUATION BY MATH MAJORS

8125005 A MWF 12:45-2:00
 8125010 B MWF 2:10-3:25

INTRO TO PROOFS MATH 201 3 CR.

PREREQ: 166 OR 166H
 6998005 A MWF 9:00-9:50
 6998010 B MWF 9:00-9:50
 6998015 C MWF 11:00-11:50

CALCULUS III MATH 265 4 CR.

PREREQ: GRADE OF C- OR BETTER IN 166 OR 166H

5151005 A1 MTRF 9:00-9:50
 5151010 A2 MTRF 9:00-9:50
 5151015 B1 MWF 10:00-10:50
 T 10:00-10:50
 5151020 B2 MWF 10:00-10:50
 T 10:00-10:50
 5151045 C1 MWF 10:00-10:50
 T 9:00-9:50
 5151055 D1 MWF 10:00-10:50
 R 10:00-10:50
 5151060 D2 MWF 10:00-10:50
 R 10:00-10:50
 5151065 E1 MWF 10:00-10:50
 R 9:00-9:50
 5151075 F1 MTRF 11:00-11:50
 5151085 G1 MTRF 1:10-2:00
 5151095 H1 MWF 2:10-3:00
 R 2:10-3:00
 5151080 H2 MWF 2:10-3:00
 R 2:10-3:00
 5151100 J1 MWF 2:10-3:00
 T 3:10-4:00

MATHEMATICS

MATHEMATICS

CALCULUS III MATH 265 4 CR.
 5151110 K1 MWF 2:10-3:00
 R 3:10-4:00
 5151115 L1 MWF 2:10-3:00
 T 2:10-3:00
 5151105 L2 MWF 2:10-3:00
 T 2:10-3:00
 5151125 M1 MTRF 3:10-4:00

HONORS CALCULUS III MATH 265H 4 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR AND 166 OR 166H
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM. OTHER STUDENTS MAY SEEK PERMISSION OF INSTRUCTOR OR ELGIN JOHNSTON, BUT PREFERENCE WILL BE GIVEN TO STUDENTS IN THE UNIVERSITY HONORS PROGRAM.
 2073005 MTRF 8:00-8:50

ELEM DIFF EQUATNS MATH 266 3 CR.
 PREREQ: GRADE OF C- OR BETTER IN 166 OR 166H
 CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5152005 A TR 9:30-10:45
 5152010 B MWF 1:10-2:00
 5152020 C TR 2:10-3:25
 5152030 D TR 12:40-2:00

DIFF EQ & TRANSFMS MATH 267 4 CR.
 PREREQ: GRADE OF C- OR BETTER IN 166 OR 166H
 CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5153005 A1 MWF 10:00-10:50
 T 9:00-9:50
 5153015 B1 MWF 10:00-10:50
 T 10:00-10:50
 5153020 B2 MWF 10:00-10:50
 T 10:00-10:50
 5153030 C1 MWF 10:00-10:50
 R 9:00-9:50
 5153050 D1 MWF 10:00-10:50
 R 10:00-10:50
 5153055 D2 MWF 10:00-10:50
 R 10:00-10:50
 5153070 E1 MTRF 12:10-1:00
 5153075 F1 MTRF 1:10-2:00
 5153080 F2 MTRF 1:10-2:00
 5153085 G1 MTRF 2:10-3:00

INDEPENDENT STUDY MATH 290 1- 3 CR.
 DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 5156005 ARRANGED

INDEP STUDY HONORS MATH 290H 1- 3 CR.
 PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM
 DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 5157005 ARRANGED

INTMED TOPIC ELEM M MATH 297 3 CR.
 PREREQ: ENROLLMENT IN ELEM ED AND GRADE OF C- OR BETTER IN 196
 CREDITS EARNED IN MATH 297 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS
 4437005 MWF 9:00-10:15

ABSTRACT ALGEBRA I MATH 301 3 CR.
 PREREQ: 166 OR 166H; 307 OR 317, AND 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5158005 A MWF 10:00-10:50
 5158010 B MWF 2:10-3:00
 5158015 C MWF 2:10-3:00

INTRO COMBINATORICS MATH 304 3 CR.
 PREREQ: 166 OR 166H; 201 OR EXPERIENCE WITH PROOFS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5160005 TR 12:40-2:00

MATRCES&LINEAR ALGB MATH 307 3 CR.
 PREREQ: 2 SEMESTERS OF CALCULUS
 CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5161005 A TR 9:30-10:45
 5161010 B TR 2:10-3:25
 5161015 C MWF 9:00-9:50
 5161020 D MWF 1:10-2:00

THRY LINEAR ALGEBRA MATH 317 4 CR.
 PREREQ: 166; CREDIT OR ENROLLMENT IN 201
 CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7872005 A MTRF 10:00-10:50
 7872010 B MTRF 12:10-1:00

INTR THY PROBAB&S I MATH 341 3 CR.
 PREREQ: MATH 265 (OR 265H)
 CREDIT FOR EITHER MATH/STAT 341 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5166005 MWF 9:00-9:50

COMPLEX VARIABLES MATH 365 3 CR.
 PREREQ: 265
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5168005 TR 2:10-3:25

INTR PART DIFF EQUA MATH 385 3 CR.
 PREREQ: 265 AND ONE OF 266, 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5170005 TR 11:00-12:15

COOPERATIVE EDUC MATH 398 R CR.
 PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4551005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

MATHEMATICS

ANALYSIS I MATH 414 3 CR.
 PREREQ: 201, 265; AND 307 OR 317
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5171005 A MWF 11:00-11:50
 5171010 B MWF 11:00-11:50

MATH METHD PHYS SCI MATH 426 3 CR.
 PREREQ: 266 OR 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5174005 MWF 1:10-2:00

GEOMETRY I MATH 435 3 CR.
 PREREQ: 307 OR 317
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5175005 MWF 9:00-9:50

COMP LINEAR ALG&FIX MATH 471 3 CR.
 PREREQ: MATH 265 AND EITHER MATH 266 OR 267;
 KNOWLEDGE OF A PROGRAMMING LANGUAGE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5179005 TR 2:10-3:25

INDEPENDENT STUDY MATH 490 1- 3 CR.
 PREREQ: 301 OR 317; 6 CREDITS IN MATH
 NO MORE THAN 9 CREDITS OF MATH 490 MAY BE APPLIED
 TOWARD GRADUATION
 5182005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

INDEP STUDY HONORS MATH 490H 1- 3 CR.
 PREREQ: 301 OR 317; 6 CREDITS IN MATH, MEMBERSHIP
 IN UNIV HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF MATH 490 MAY BE APPLIED
 TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5183005 ARRANGED

UNDERGRAD THESIS MATH 491 2- 3 CR.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5184005 ARRANGED

TEACH SEC SCHL MATH MATH 497 3 CR.
 PREREQ: 15 CREDITS IN COLLEGE MATHEMATICS; IF IN
 A TEACHER LICENSURE PROGRAM, CONCURRENT
 ENROLLMENT IN
 C I 426 OR 526
 5185005 1 M 5:30-8:30PM

COOPERATIVE EDUCATN MATH 498 R CR.
 PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4552005 ARRANGED

INTRO REAL ANALYSIS MATH 501 3 CR.
 PREREQ: 265 AND 307 OR 317
 7394005 MWF 11:00-11:50

ABSTRACT ALGEBRA I MATH 504 3 CR.
 PREREQ: 302
 5186005 MWF 12:10-1:00

MATHEMATICS

LINEAR ALGEBRA MATH 510 3 CR.
 PREREQ: 307 OR 317
 5191005 MWF 9:00-9:50

REAL ANALYSIS I MATH 515 3 CR.
 PREREQ: 414 OR 501
 5196005 A MWF 11:00-11:50
 5196010 B MWF 11:00-11:50

MTHD APPLIED MATH I MATH 519 3 CR.
 PREREQ: 414 OR 465 OR 501
 2281005 MWF 2:10-3:00

INTRO STOCHAST PROC MATH 554 3 CR.
 PREREQ: STAT 542
 5214005 MWF 1:10-2:00

ORD DIFFR EQUATNS I MATH 557 3 CR.
 PREREQ: 415 OR 465 OR 501
 5216005 MWF 3:10-4:00

NUMERICL ANALYSIS I MATH 561 3 CR.
 PREREQ: 414 OR 501
 7502005 MWF 10:00-10:50

STRUC GENOM INFRMTC MATH 569 3 CR.
 PREREQ: BCB 567, GEN 411, STAT 430
 5774005 TR 2:10-3:30

LINEAR SYSTEMS MATH 577 3 CR.
 PREREQ: E E 324 OR AER E 331 OR M E 414 OR
 MATH 415; AND MATH 307
 7904005 A TR 2:10-3:30

SPECIAL TOPICS MATH 590 VAR. CR.
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5229005 ARRANGED
 5229015 CB ARRANGED
 5229010 EW ARRANGED
 SECTION EW OFFERED FOR 3 CREDITS
 5229055 IH ARRANGED
 5229025 KA ARRANGED
 5229030 LH ARRANGED
 SECTION LH OFFERED FOR 3 CREDITS
 5229020 SS ARRANGED
 SECTION SS OFFERED FOR 3 CREDITS

GRAD ORIENTN MATH I MATH 591X .5 CR.
 SATISFACTORY-FAIL ONLY.
 6385005 W 4:10-5:00

CREATIVE COMPONENT MATH 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MODERN GRAPH THEORY MATH 607 3 CR.
 PREREQ: 504 OR PERMISSION OF INSTRUCTOR
 3768050 TR 12:40-2:00

SEMINAR MATH 610 VAR. CR.
 5231005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

MATHEMATICS

MATHEMATICS

THRY ALGEBR STRUC I MATH 615 3 CR.
 PREREQ: 504
 9602005 TR 9:30-10:50

FUNCTIONAL ANALYS I MATH 633 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5206005 MWF 11:00-11:50

ADV PROBABILTY THRY MATH 642 4 CR.
 PREREQ: STAT 542
 3530005 MW 8:00-9:50

PROBABILITY MATH 644X 3 CR.
 PREREQ: 515 OR PERMISSION OF INSTRUCTOR
 8864005 TR 2:10-3:25

PARTIAL DIFF EQUA I MATH 655 3 CR.
 PREREQ: 515 OR 519
 5227005 TR 12:40-2:00

FINITE ELEMNT METHD MATH 666 3 CR.
 PREREQ: 501 OR 515
 5378005 TR 12:40-2:00

ADV TOPICS ALGEBRA MATH 690A 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5232005 ARRANGED

ADV TOP FUNCT ANALY MATH 690B 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5233005 ARRANGED

ADV TOP CNTROL THRY MATH 690C 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5234005 ARRANGED

ADV TOP APPROX THRY MATH 690D 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5235005 ARRANGED

ADV TP HARMONC ONLY MATH 690H 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5238005 ARRANGED

ADV TOPIC MATH EDUC MATH 690K 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6700005 ARRANGED

ADV TOPIC LOGIC&FND MATH 690L 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5239005 ARRANGED

ADV TOP COMPLX ANLY MATH 690M 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5240005 ARRANGED

ADV TOPIC NUM ANALY MATH 690N 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5241010 GL TR 11:00-12:15

ADV TOP ORDI DIF EQ MATH 690O 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5242005 ARRANGED

ADV TOP PART DIF EQ MATH 690P 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5243005 ARRANGED

ADV TP GROUP THEORY MATH 690Q 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6705005 ARRANGED

ADV TOPC SET THEORY MATH 690S 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5244005 ARRANGED

ADV TOPICS TOPOLOGY MATH 690T 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5245005 ARRANGED

ADV TP AUTOMATA THY MATH 690U 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5246005 ARRANGED

ADV TOP OPTIMZN THY MATH 690V 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5247005 A ARRANGED
 DEPARTMENT PERMISSION REQUIRED;

PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5247010 ZW TR 12:40-2:00

ADV TOP PROBAB&STCH MATH 690W 3 CR.
 PREREQ: PERMISSION OR INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9603005 ARRANGED

MATHEMATICS

ADV TOP SPL FUNCTNS MATH 690Y 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9604005 ARRANGED

ADV TOP RING THEORY MATH 690Z 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6707005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 APPROVED ADD SLIP IN 10 ALUMNI HALL

RESEARCH MATH 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

LEARNING COMMUNITIE M E 190 1 CR.
 7612005 1 TR 3:10-4:00
 7612010 2 TR 3:10-4:00
 7612015 3 TR 3:10-4:00
 7612020 4 TR 3:10-4:00
 7612025 5 TR 3:10-4:00
 7612030 6 TR 3:10-4:00
 7612035 7 TR 3:10-4:00
 7612040 8 TR 3:10-4:00
 7612045 9 TR 3:10-4:00
 7612050 10 TR 3:10-4:00

MECH ENGR PRO PLAN M E 202 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SOPHOMORE CLASSIFICATION
 4870005 A R 2:10-3:00
 4870010 B R 3:10-4:00

ENGR THERMODYNAMICS I M E 231 3 CR.
 PREREQ: MATH 265, CHEM 167, PHYS 222
 COURSE RESTRICTED TO ENGR COLLEGE MAJORS ONLY.
 CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT
 BOTH,
 MAY BE APPLIED TOWARD GRADUATION.
 4877005 A MWF 9:00-9:50
 4877010 B MWF 1:10-2:00
 4877600 XE MWF 9:00-9:50
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE
 REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

INTR MCH ENG DESIGN M E 270 3 CR.
 PREREQ: ENGR 170, PHYS 221
 COURSE RESTRICTED TO M E MAJORS ONLY
 MATERIALS FEE \$20.00
 6270005 A T 2:10-3:00
 MWF 8:00-9:50
 6270010 B T 2:10-3:00
 MWF 10:00-11:50
 6270015 C T 3:10-4:00
 MWF 1:10-3:00
 6270020 D T 3:10-4:00
 MWF 3:10-5:00

MECHANICAL ENGINEERING

COOPERATIVE EDUCATN M E 298 R CR.
 PREREQ: PERMISSION OF DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANUFACTURING ENGR M E 324 4 CR.
 PREREQ: 270, MAT E 272, E M 324
 RESTRICTED TO M E AND A E MAJORS ONLY
 MATERIALS FEE \$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6277020 1 MWF 1:10-2:00
 T 10:00-11:50
 6277025 2 MWF 1:10-2:00
 R 10:00-11:50
 6277030 3 MWF 1:10-2:00
 T 1:10-3:00
 6277035 4 MWF 1:10-2:00
 R 1:10-3:00
 6277040 5 MWF 1:10-2:00
 T 3:10-5:00
 6277045 6 MWF 1:10-2:00
 R 3:10-5:00
 6277055 7 MWF 1:10-2:00
 T 8:00-9:50

MACHINE DESIGN M E 325 3 CR.
 PREREQ: ENGR 170, E M 324, STAT 305
 COURSE RESTRICTED TO M E AND A E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6287005 A MWF 10:00-10:50
 6287010 B MWF 1:10-2:00
 6287600 XE MWF 9:00-9:50
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE
 REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

THERMODYNAMICS M E 330 3 CR.
 PREREQ: PHYS 222. FOR STUDENTS ELECTING
 ONE COURSE IN ENGINEERING THERMODYNAMICS
 CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT IN
 M E 330 WILL NOT BE APPLIED TOWARD A DEGREE IN M
 E.
 4876005 A MWF 4:10-5:00
 4876600 XE MWF 2:00-2:50
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE STUDENTS ONLY.
 ALL OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

ENGR THERMODYNAMICS II M E 332 3 CR.
 PREREQ: 231
 COURSE RESTRICTED TO M E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4878005 A MWF 11:00-11:50
 4878010 B MWF 2:10-3:00
 4878600 XE MWF 11:00-11:50
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION. COURSE DELIVERY IS VIDEOSTREAMING. ON LINE

MECHANICAL ENGINEERING

MECHANICAL ENGINEERING

ENGR THERMODYNMS II M E 332 3 CR.
 REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

FLUID FLOW M E 335 4 CR.
 PREREQ: E M 345, MATH 266 OR 267, CREDIT OR
 ENROLLMENT IN M E 332 AND 370
 RESTRICTED TO M E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

- 5703025 1 TR 12:40-2:00
M 1:10-3:00
- 5703030 2 TR 12:40-2:00
M 3:10-5:00
- 5703035 3 TR 12:40-2:00
T 8:00-9:50
- 5703040 4 TR 12:40-2:00
T 10:00-11:50
- 5703045 5 TR 12:40-2:00
T 1:10-3:00
- 5703050 6 TR 12:40-2:00
T 3:10-5:00
- 5703055 7 TR 12:40-2:00
W 3:10-5:00
- 5703060 8 TR 12:40-2:00
R 8:00-9:50
- 5703065 9 TR 12:40-2:00
R 10:00-11:50
- 5703070 10 TR 12:40-2:00
R 1:10-3:00
- 5703075 11 TR 12:40-2:00
R 3:10-5:00
- 5703080 12 TR 12:40-2:00
F 10:00-11:50
- 5703085 13 TR 12:40-2:00
T 8:00-9:50
- 5703090 14 TR 12:40-2:00
R 3:10-5:00

MEASURMTS&INSTRUMTN M E 370 3 CR.
 PREREQ: E E 442, STAT 305
 COURSE RESTRICTED TO M E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

- 4881020 1 MW 8:00-8:50
T 9:00-11:50
- 4881025 2 MW 8:00-8:50
R 9:00-11:50
- 4881030 3 MW 8:00-8:50
T 12:10-3:00
- 4881035 4 MW 8:00-8:50
R 12:10-3:00
- 4881040 5 MW 8:00-8:50
T 3:10-6:00PM
- 4881045 6 MW 8:00-8:50
R 3:10-6:00PM
- 4881050 7 MW 8:00-8:50
W 9:00-11:50
- 4881055 8 MW 8:00-8:50
W 12:10-3:00
- 4881060 9 MW 8:00-8:50
F 9:00-11:50

SUSTNBL E&INT'L DEV M E 388 3 CR.
 PREREQ: JUNIOR CLASSIFICATION IN ENGINEERING
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5682005 A1 MW 3:10-4:00
T 4:10-6:00PM
 5682010 A2 MW 3:10-4:00
T 4:10-6:00PM
 5682015 A3 MW 3:10-4:00
T 4:10-6:00PM
 5682020 A4 MW 3:10-4:00
T 4:10-6:00PM

ENGR INTERNSHIP M E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 398 R CR.
 PREREQ: 298, PERMISSN OF DEPTMTNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

AUTOMATIC CONTROLS M E 411 3 CR.
 PREREQ: 421
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4885005 1 TR 10:00-10:50
M 4:10-6:00PM
 4885010 2 TR 10:00-10:50
W 4:10-6:00PM

ETHCL RSPNSBLT ENGR M E 412 3 CR.
 PREREQ: CR OR ENROLLMENT IN 325, SENIOR CLASSIF
 IN ENGINEERING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4886005 A MWF 2:10-3:00

FLUID POWER ENGR M E 413 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 335 OR E M 378,
 A E 216 OR M E 270
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$12.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8727005 A MW 9:00-9:50
W 4:10-6:00PM
 8727010 B MW 9:00-9:50
W 12:10-2:00

HYDRAU SYS &CONTROL M E 414 3 CR.
 PREREQ: 335, 421
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4887005 A TR 2:10-3:30
 4887600 XE TR 2:10-3:30
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.

COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE
 REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

MECHANICAL ENGINEERING

MECHANICAL SYST DSN M E 415 3 CR.
 PREREQ: 324, 325
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4888005 A TR 9:30-12:20
 4888010 B TR 12:40-3:30
 4888015 C TR 3:40-6:30PM

COMPUTER-AIDED DSGN M E 419 3 CR.
 PREREQ: 325
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6207005 MWF 3:10-4:00

MECH SYST & CONTROL M E 421 4 CR.
 PREREQ: E M 345, MATH 267, E E 442, 448
 COURSE RESTRICTED TO M E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6310005 1 TR 8:00-9:15
 M 2:10-4:00
 6310010 2 TR 8:00-9:15
 T 10:00-11:50
 6310015 3 TR 8:00-9:15
 T 12:10-2:00
 6310020 4 TR 8:00-9:15
 W 12:10-2:00
 6310025 5 TR 8:00-9:15
 W 2:10-4:00
 6310030 6 TR 8:00-9:15
 R 12:10-2:00
 6310035 7 TR 8:00-9:15
 R 2:10-4:00
 6310040 8 TR 8:00-9:15
 F 10:00-11:50

CREATVITY & IMAGNATN M E 423 3 CR.
 PREREQ: JUNIOR CLASSIFICATION IN MECHANICAL
 ENGINEERING
 8532005 TR 11:00-12:25

ALTERN ENRGY CONVRS M E 433 3 CR.
 PREREQ: PHYS 221 OR 222, CHEM 167
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7356005 MWF 11:00-11:50

HEAT TRANSFER M E 436 4 CR.
 PREREQ: 335
 COURSE RESTRICTED TO M E, CON E, A E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5711005 1 MWF 2:10-3:00
 M 10:00-11:50
 5711010 2 MWF 2:10-3:00
 M 1:10-3:00
 5711015 3 MWF 2:10-3:00
 M 3:10-5:00
 5711020 4 MWF 2:10-3:00
 T 10:00-11:50
 5711025 5 MWF 2:10-3:00
 T 1:10-3:00
 5711030 6 MWF 2:10-3:00
 W 10:00-11:50
 5711035 7 MWF 2:10-3:00
 R 10:00-11:50
 5711040 8 MWF 2:10-3:00
 R 1:10-3:00
 5711045 9 MWF 2:10-3:00
 T 3:10-5:00

MECHANICAL ENGINEERING

FUND HEAT, VENT, AIR M E 441 3 CR.
 PREREQ: CR OR ENROLLMENT IN 436
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4892005 A MWF 1:10-2:00
 4892600 XE MWF 1:10-2:00 MAXWELL G
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO

TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE
 REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION
 TO REGISTER.
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

POWER PLANT DESIGN M E 446 3 CR.
 PREREQ: 332, CREDIT OR ENROLLMENT IN 335
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4896005 A MW 4:10-6:00PM

INT COMB ENGN DSGN M E 449 3 CR.
 PREREQ: 335
 COURSE RESTRICTED TO M E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4899005 1 MWF 3:10-4:00
 M 4:10-5:00
 4899010 2 MWF 3:10-4:00
 W 4:10-5:00
 4899015 3 MWF 3:10-4:00
 F 4:10-5:00

MULTIDISC ENGR DSGN M E 466 3 CR.
 PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 1903005 1 T 11:00-11:50
 ARRANGED
 1903010 2 T 11:00-11:50
 ARRANGED
 1903015 3 T 11:00-11:50
 ARRANGED
 1903020 4 T 11:00-11:50
 ARRANGED

TECH, GLOBALZ&CULTUR M E 484 3 CR.
 PREREQ: SENIOR CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6320005 A T 6:00-7:30PM
 W 6:00-7:30PM
 6320600 XE T 6:00-7:30PM BERNARD J
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE
 REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

MECHANICAL ENGINEERING

MECHANICAL ENGINEERING

APPROPR TECNOL DSGN M E 486 3 CR.
 PREREQ: 231, ENROLLMENT IN 335
 8009005 MW 4:10-6:00PM

IND STU MEAS&INSTRM M E 490C 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HEAT TRANSF M E 490D 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID POWER M E 490E 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN&SYS M E 490F 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU MATRLS &MFG M E 490G 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS M E 490H 1- 6 CR.
 PREREQ: SR CLASSIFCATN, MEMBERSHIP IN HONORS PROG
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN M E 490J 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID MECH M E 490K 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU TURBOMACHIN M E 490L 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU NUCL ENGR M E 490M 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY CAD/CAM M E 490N 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 498 R CR.
 PREREQ: 298, PERMISSN OF DEPRTMNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATL&MFG CONSID DSN M E 520 3 CR.
 PREREQ: 324, 325
 4925005 A MWF 9:00-9:50
 4925600 XE MWF 9:00-9:50 MOLIAN P
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE
 STUDENTS ONLY. ALL
 FOR PERMISSION
 REGISTRATION OPEN TO DISTANCE
 OTHERS CONTACT EDE AT 515-294-7470
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

ADV THERMODYNAMICS M E 530 3 CR.
 PREREQ: 332
 4928005 A MWF 2:10-3:00
 4928600 XE MWF 2:10-3:00
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE STUDENTS ONLY.
 ALL OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

ADVANCED FLUID FLOW M E 538 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 436
 4935005 A MW 3:10-4:30
 4935600 XE MW 3:10-4:30
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION. COURSE DELIVERY IS VIDEOSTREAMING. ON LINE
 REGISTRATION OPEN TO DISTANCE STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION TO
 REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

FLUI MECH&HEAT TR I M E 546 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 538 OR AER E 541
 4939005 A MWF 10:00-10:50
 4939600 XE MWF 10:00-10:50
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE STUDENTS ONLY.
 ALL OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

VEHICLE DYNAMICS M E 549 3 CR.
 PREREQ: E M 345, MATH 266 OR 267
 8726005 A MW 3:30-5:00
 8726600 XE MW 3:30-5:00
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE REGISTRATION OPEN TO DISTANCE STUDENTS ONLY.
 ALL OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

CPTR GRPHC&GEOM MOD M E 557 3 CR.
 PREREQ: 421, PROGRAMMING EXPERIENCE IN C
 4889005 A TR 12:40-2:00
 4889600 XE TR 12:40-2:00 OLIVER J
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION. COURSE DELIVERY IS VIDEOSTREAMING. ON LINE
 REGISTRATION OPEN TO DISTANCE STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

MECHANICAL ENGINEERING

SCAN PROBE MICRSCPY M E 561 3 CR.

PREREQ: FIRST YEAR PHYSICS, CHEMISTRY
 5797005 A M 2:10-4:00
 W 2:10-4:00
 5797010 B M 2:10-4:00
 W 4:10-6:00PM

MICRO&NANO MECHNICS M E 563 3 CR.

PREREQ: E M 324, M E 325
 8148005 A TR 12:40-2:00

LINEAR SYSTEMS M E 577 3 CR.

PREREQ: E E 324 OR AER E 331 OR M E 414 OR MATH
 415; AND MATH 307
 8199005 A TR 2:10-3:30

TECH, GLOBALZ&CULTUR M E 584 3 CR.

PREREQ: GRADUATE CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6336010 A T 6:00-7:30PM
 W 6:00-7:30PM
 6336600 XE T 6:00-7:30PM BERNARD J
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.

ON LINE REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

SPL TOP EXP GAS DYN M E 590A 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLUID MECH M E 590B 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HEAT TRANSF M E 590C 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC THERMODYN M E 590D 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TURBOMACHIN M E 590E 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP VEHIC PROPUL M E 590F 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV MACH DSN M E 590G 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AUTO CONTRL M E 590I 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIR &DSGN M E 590J 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MATLS BEHAV M E 590K 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

SPL TOP MFG PROCESS M E 590L 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC TRIBOLOGY M E 590M 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SENSTV MTHD M E 590N 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR COMPUT M E 590O 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR MEASUR M E 590P 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LIT INVESTIG M E 590Q 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NUCLEAR ENG M E 590R 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOP CAD/CAM M E 590S 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT M E 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR M E 600 R CR.
 4964005 A ARRANGED

RADIATN HEAT TRANSF M E 638 3 CR.
 PREREQ: 436
 4970005 A MWF 11:00-11:50

ADV HI CMPUT FL DYN M E 647 3 CR.
 PREREQ: 547
 1879005 MWF 9:00-9:50

ADV TOP EXP GAS DYN M E 690A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLUID MECH M E 690B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HEAT TRANSF M E 690C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC THERMODYN M E 690D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP TURBOMACHIN M E 690E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP VEHI PROPUL M E 690F VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TP ADV MACH DSN M E 690G VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AUTO CONTRL M E 690I VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

ADV TOP MATLS BEHAV M E 690K VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MFG PROCESS M E 690L VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC TRIBOLOGY M E 690M VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SENSTV MTHD M E 690N VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR COMPUT M E 690O VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR MEASUR M E 690P VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTG M E 690Q VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DIRECTOR OF GRADUATE
 EDUCATION, GRAD CLASSIFICATION
 8151005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 APPROVED ADD SLIP IN 10 ALUMNI HALL

RESEARCH M E 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

SYNOPTIC APPLICATNS MTEOR 111 1 CR.
 PREREQ: CREDIT OR ENROLL IN MATH 165. ENROLLMENT
 RESTRICTED TO MAJORS ONLY, OR INSTRUCTOR
 PERMISSION
 COURSE RESTRICTED TO MTEOR MAJORS. OTHERS BY
 SIGNATURE OF THE METEOROLOGY DEPARTMENT ADVISING
 STAFF.
 5641005 1 TR 12:10-1:00
 SECTION INFO:
<http://www.meteor.iastate.edu/classes/mt111/>
 SYLLABUS:
<http://www.meteor.iastate.edu/classes/mt111/inde>

INTRODUCTRY SEMINAR MTEOR 201 R CR.
 SATISFACTORY-FAIL ONLY.
 5374005 R 1:10-2:00
 SECTION INFO:
<http://www.meteor.iastate.edu/classes/mt201/>
 SYLLABUS:
<http://www.meteor.iastate.edu/classes/mt201/>

INTRO METEOROLOGY MTEOR 206 3 CR.
 5375005 1 MWF 2:10-3:00 ARRITT R

COMPUTNL METEOROL I MTEOR 227 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN MTEOR 206;
 CREDIT OR ENROLLMENT IN PHYS 221
 8566005 MWF 10:00-10:50
 SECTION INFO:
<http://www.meteor.iastate.edu/classes/mt227/>
 SYLLABUS:
<http://www.meteor.iastate.edu/classes/mt227/inde>

METEOROLOGY

SCI BALLOON ENGR&OP MTEOR 265 1 CR.
 8103005 R 4:10-5:00

COOPERATIVE EDUCATN MTEOR 298 R CR.
 PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4813005 ARRANGED

INTR SYNOPTIC MTEOR MTEOR 311 2 CR.
 PREREQ: 301
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5379005 1 M 11:00-11:50
 T 2:10-4:00
 F 11:00-11:50
 SECTION INFO:
<http://www.meteor.iastate.edu/classes/mt311/>
 SYLLABUS:
<http://www.meteor.iastate.edu/classes/mt311/>

METEOROL INTERNSHIP MTEOR 321 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 311; JR OR SR STANDING; PERMISSION OF
 COOP PROGRM COORD; ACCEPTANCE BY SPONSORING
 AGENCY
 5381005 ARRANGED

ATMOSPH PHYSICS I MTEOR 341 3 CR.
 PREREQ: PHYS 222, CREDIT OR ENROLLMNT IN MATH 266
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5382005 MWF 9:00-9:50
 SECTION INFO:
<http://www.meteor.iastate.edu/classes/mt341/>
 SYLLABUS:
<http://www.meteor.iastate.edu/classes/mt341/>

COOPERATIVE EDUCATN MTEOR 398 R CR.
 PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4823005 ARRANGED

WORLD CLIMATES MTEOR 406 3 CR.
 PREREQ: AGRON/MTEOR 206
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5384005 MWF 10:00-10:50 ARRITT R

SYNOPTIC METEOROLGY MTEOR 411 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 454
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5387005 W 11:00-11:50
 MWF 4:10-4:30
 R 9:00-11:50
 SECTION INFO:
<http://cumulus.geol.iastate.edu/mteor411.htm>
 SYLLABUS:
<http://cumulus.geol.iastate.edu/mteor411.html>

DYNAMIC METEOROL II MTEOR 454 3 CR.
 PREREQ: 443
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5386005 MWF 3:10-4:00
 SECTION INFO:
<http://www.meteor.iastate.edu/classes/mt454/>
 SYLLABUS:
<http://www.meteor.iastate.edu/classes/mt454/>

IND STUDY SYNOPTIC MTEOR 490A 1- 3 CR.
 PREREQ: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8424005 ARRANGED

METEOROLOGY

INDEP STUDY DYNAMIC MTEOR 490B 1- 3 CR.
 PREREQ: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8425005 ARRANGED

IND STUDY PHYSICAL MTEOR 490C 1- 3 CR.
 PREREQ: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8426005 ARRANGED

IND STU INSTRUMENTN MTEOR 490D 1- 3 CR.
 PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
 NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 1010005 ARRANGED

IND STUDY HYDROLOGY MTEOR 490E 1- 3 CR.
 PREREQ: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8668005 ARRANGED

IND STU CLIMATE/WTR MTEOR 490F 1- 3 CR.
 PREREQ: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 3583005 ARRANGED

COOPERATIVE EDUCATN MTEOR 498 R CR.
 PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4824005 ARRANGED

SENIOR RESEARCH MTEOR 499 2 CR.
 5392005 M 2:10-3:00
 T 4:10-5:00

WATERSHED HYDROLOGY MTEOR 502 4 CR.
 PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 6290005 MWF 12:10-1:00
 R 3:10-6:00PM

SYNOPTIC METEOROLGY MTEOR 511 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 454
 4575005 W 11:00-11:50
 MWF 4:10-4:30
 R 9:00-11:50

PHYSICAL METEOROLGY MTEOR 542 3 CR.
 PREREQ: 342, MATH 266, PHYS 222
 5395005 MWF 2:10-3:00

ADV DYNAMIC MTEOR I MTEOR 543 3 CR.
 PREREQ: 455
 5396005 TR 9:30-10:50

GEOPHYS FLUID DYNAM MTEOR 561 3 CR.
 PREREQ: 455 OR E M 378 OR M E 335 OR PHYS 361
 5398005 TR 9:30-10:50PM

METEOROLOGY

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8427005 ARRANGED

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8429005 ARRANGED

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8430005 ARRANGED

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8431005 R 4:10-5:00

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 8432005 ARRANGED

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8433005 ARRANGED

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8434005 ARRANGED

SPL TOP STAT METHDS MTEOR 590H 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8435005 ARRANGED

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8437005 ARRANGED

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1230005 ARRANGED

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 3901005 ARRANGED

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 3904005 ARRANGED

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8669005 ARRANGED

RESEARCH MTEOR 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MICROBIOLOGY

ORIENT IN MICROBIOL MICRO 110 .5 CR.
 SATISFACTORY-FAIL ONLY.
 8683005 A R 2:10-3:00

MICROBIOLOGY

INTRO MICROBIOLOGY MICRO 201 2 CR.
 PREREQ: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY
 5305005 MW 2:10-3:00

INTRO MICROBIOL LAB MICRO 201L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 201 OR 302
 CREDIT FOR EITHER MICRO 201L OR MICRO 302L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 MATERIALS FEE \$45.00
 1433005 1 MW 8:00-9:20
 1433010 2 MW 11:00-12:20
 1433015 3 TR 8:00-9:20
 1433020 4 TR 9:30-10:50

BIOL MICROORGANISMS MICRO 302 3 CR.
 PREREQ: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212;
 ONE SEMESTER OF CHEMISTRY
 1426005 A MWF 10:00-10:50

MICROBIOLOGY LAB MICRO 302L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 302
 CREDIT FOR EITHER MICRO 201L OR MICRO 302L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 MATERIALS FEE \$45.00
 3024005 1 MW 12:40-2:00
 3024010 2 TR 11:00-12:20

MEDICAL MICROBIOLGY MICRO 310 3 CR.
 PREREQ: 302(OR 201 IF A B OR BETTER WAS OBTAINED)
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5307005 MWF 9:00-9:50

MEDICL MICROBIO LAB MICRO 310L 1 CR.
 PREREQ: 201 OR 302; 201L OR 302L, CREDIT OR
 ENROLLMENT IN 310
 3025005 1 MWF 3:10-4:00

VIROLOGY MICRO 408 3 CR.
 PREREQ: BIOL 313 OR BBMB 301; RECOMMEND BIOL 314
 5314005 MWF 2:10-3:00

INSECT VIRUS INTRCT MICRO 410 3 CR.
 PREREQ: INSTRUCTOR PERMISSION
 8444005 TR 9:30-10:50

FOOD MICROBIOLOGY MICRO 420 3 CR.
 PREREQ: 201 OR 302
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5315005 MWF 10:00-10:50

FOOD MICROBIOL LAB MICRO 421 3 CR.
 PREREQ: 201 OR 302; 201L. CREDIT OR ENROLLMENT
 420, FS HN 203
 MATERIALS AND EQUIPMENT USE FEE \$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9676005 1 MWF 2:10-4:00

LAB MICR PHYSL,DVRS MICRO 440 3 CR.
 PREREQ: 302, 302L, CHEM 332, BIOL 313L
 6135005 TR 1:10-5:00

MICROBIOLOGY

MICRO SENIOR SURVEY MICRO 451 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR OR SR STANDING IN MICROBIOLOGY
 7214005 T 11:00-11:50
 1ST HALF

PRINCIP OF MYCOLOGY MICRO 456 3 CR.
 PREREQ: 10 CREDITS IN BIOLOGICAL SCIENCES
 MATERIALS FEE \$35.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7203005 1 MW 11:00-11:50
 F 12:10-3:00

SOIL&ENVIR MICROBIO MICRO 485 3 CR.
 PREREQ: AGRON 154 OR ENSCI 402, MICRO 201 (MICRO
 302 RECOMMENDED)
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5321005 1 TR 1:10-2:00 LOYNACHAN T
 W 12:10-3:00 LOYNACHAN T
 5321010 2 TR 1:10-2:00 LOYNACHAN T
 W 3:10-6:00PM LOYNACHAN T

INDEPENDENT STUDY MICRO 490 1- 5 CR.
 PREREQ: A MINIMUM OF 6 CR HOURS OF 300-LEVEL OR
 ABOVE COURSEWORK IN MICRO, PERMISSION OF
 INSTRUCTOR
 NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MICRO 490H 1- 5 CR.
 PREREQ: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE
 COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP
 IN
 UNIV HONORS PROGRAM
 NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION. RESTRICTED TO STUDENTS IN THE
 UNIVERSITY
 HONORS PROGRAM ONLY.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP MICRO 495 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE
 COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR
 9679005 ARRANGED

VIROLOGY MICRO 508 3 CR.
 PREREQ: BIOL 313 OR BBMB 301; RECOMMEND BIOL 314
 5326005 MWF 2:10-3:00

INSECT VIRUS INTRCT MICRO 510 3 CR.
 PREREQ: INSTRUCTOR PERMISSION
 8443005 TR 9:30-10:50

MICROB DIVRS&PHYLOG MICRO 551 1 CR.
 PREREQ: 302, BIOL 301
 7016005 A MWF 10:00-10:50
 SECT A:AUG 24-SEPT 25

MICROBIOLOGY

BACT MOLE GEN&PHYSL MICRO 552 1 CR.
 PREREQ: 302, BIOL 313
 7024005 A MWF 10:00-10:50
 SECT A:SEPT 28-OCT 30

PATHOGENIC MICROORG MICRO 553 1 CR.
 PREREQ: 302, BIOL 313
 7078005 A MWF 10:00-10:50
 SECT A:NOV 2-DEC 11

SOIL&ENVIR MICROBIO MICRO 585 3 CR.
 PREREQ: AGRON 154 OR 402, MICRO 201 (MICRO 302 RECOMMENDED)
 5336005 1 TR 1:10-2:00 LOYNACHAN T
 W 12:10-3:00 LOYNACHAN T
 5336010 2 TR 1:10-2:00 LOYNACHAN T
 W 3:10-6:00PM LOYNACHAN T

MEDICL BACTERIOLOGY MICRO 586 4 CR.
 PREREQ: 310
 6947005 A MTW 9:00-9:50
 ARRANGED

SPECIAL TOPICS MICRO 590 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR MICRO 604 1 CR.
 SATISFACTORY-FAIL ONLY.
 6962005 A R 4:10-5:00

LIGHT MICROSCOPY MICRO 679 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5344005 W 12:10-1:00
 F 8:00-8:50
 W 1:10-4:00
 F 9:00-10:50
 F 12:10-4:00

CURR TOPIC MICROBIO MICRO 690A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MOL BIO PLT PATHOGEN MICRO 692 3 CR.
 PREREQ: PL P 506 OR BBMB 405 OR GEN 411 OR
 MICRO 402 OR COURSE IN MOLECULAR AND
 PHYSIOLOGICAL
 BIOLOGY
 6989005 1 MWF 9:00-9:50

GRAD RESEARCH ROTAT MICRO 697 VAR. CR.
 7161005 ARRANGED

SEM N MOLEC,C,DV BIO MICRO 698 1- 2 CR.
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 5350005 1 M 3:10-4:00

MICROBIOLOGY

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

MILITARY SCIENCE

INTRO MILITARY SCI M S 101 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN M S 101L REQUIRED
 NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION.

CONCURRENT ENROLLMENT IN M S 101L REQUIRED.
 FIELD TRIPS & TRAVEL FEE \$50.00
 4993005 1 M 10:00-10:50
 4993010 2 W 10:00-10:50
 4993015 3 M 3:10-4:00
 4993020 4 T 10:00-10:50
 4993025 5 W 3:10-4:00
 4993030 6 TR 4:10-5:00

SECT 6:2ND HALF
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

BASC LEADRSH LAB I M S 101L 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN M S 101 REQUIRED
 NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION.

CONCURRENT ENROLLMENT IN M S 101 REQUIRED.
 EQUIPMENT USE FEE \$35.00
 4994005 1 W 4:10-5:00, ARRANGED

ARMY PHY READINESS M S 150 1 CR.
 SATISFACTORY-FAIL ONLY.

NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION
 8414005 1 MTF 6:00-7:15
 TIMES LISTED ARE MORNING/A.M.
 8414010 2 MTF 6:00-7:15
 TIMES LISTED ARE MORNING/A.M.
 DEPARTMENT PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

PRIN OF LEADERSHIP M S 201 2 CR.
 PREREQ: CONCURRENT ENROLLMENT IN M S 201L REQUIRED
 NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION.

CONCURRENT ENROLLMENT IN M S 201L REQUIRED.
 FIELD TRIPS & TRAVEL FEE \$50.00
 4997005 1 MW 11:00-11:50
 4997010 2 TR 9:00-9:50
 4997015 3 MW 9:00-9:50
 4997020 4 TR 11:00-11:50
 4997025 5 TR 4:10-5:00

BASC LEADRS LAB III M S 201L 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN M S 201 REQUIRED
 NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION.

CONCURRENT ENROLLMENT IN M S 201 REQUIRED.
 EQUIPMENT USE FEE \$35.00
 4998005 1 W 4:10-5:00, ARRANGED

MOLECULAR CELLULAR DEV BIOLOGY

MILITARY SCIENCE

ADV ARMY PHYS READI M S 250X 2 CR.
 PREREQ: SUCCESSFULLY COMPLETE M S 150, PERMISSION
 OF THE DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$35.00
 6398005 1 MTRF 6:00-7:15
 TIMES LISTED ARE MORNING/A.M.
 PERMISSION OF DEPARTMENT CHAIR
 REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10
 ALUMNI HALL
 6398010 2 ARRANGED
 PERMISSION OF DEPARTMENT CHAIR
 REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10
 ALUMNI HALL

IND STDY: BASIC MILI M S 290 1- 3 CR.
 PREREQ: PERMISSION OF THE M S DEPT CHAIR
 NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION
 8153005 1 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

MTHD INSTR MIL SKIL M S 301 3 CR.
 PREREQ: COMPLETION OF THE BASIC M S PROGRAM,
 CONCURRENT ENROLLMENT IN M S 301L, AND PERMISSION
 OF
 DEPARTMENT CHAIR OF MILITARY SCIENCE
 FIELD TRIPS & TRAVEL FEE \$50.00
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5004005 1 TR 12:40-2:00
 5004010 2 TR 2:10-3:30

ADV LEADERSHP LAB I M S 301L 1 CR.
 PREREQ: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 301 AND PERMISSION
 OF
 DEPARTMENT CHAIR OF MILITARY SCIENCE
 EQUIPMENT USE FEE \$35.00
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 5003005 W 4:10-5:00, ARRANGED

SEMNR: MILITARY TEAM M S 401 3 CR.
 PREREQ: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 401L AND PERMISSION
 OF
 THE DEPARTMENT CHAIR OF MILITARY SCIENCE
 FIELD TRIPS & TRAVEL FEE \$50.00
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 5007005 1 MW 12:10-1:30
 5007010 2 MW 1:30-3:00

ADV LEADRSH LAB III M S 401L 1 CR.
 PREREQ: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 401 AND PERMISSION
 OF
 THE MILITARY SCIENCE DEPARTMENT CHAIR
 EQUIPMENT USE FEE \$35.00
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 5008005 1 W 4:10-5:00, ARRANGED

IND STDY: ADV MIL ST M S 490 1 CR.
 PREREQ: M S 301, 302, 401, 402, PERMISSION
 OF THE MILITARY SCIENCE DEPARTMENT CHAIR
 9598005 1 ARRANGED

PLANT CELL BIOLOGY MCDB 529 2 CR.
 PREREQ: BIOL 313, 314, 330 OR BBMB 405
 5254005 M 4:10-5:50

SPECIAL TOPICS MCDB 590 VAR. CR.
 5260005 ARRANGED

GRAD RESRCH ROTATN MCDB 697 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 7278005 ARRANGED

SEM N MOLEC, C, DV BIO MCDB 698 1- 2 CR.
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 5275005 1 M 3:10-4:00

RESEARCH MCDB 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

FUNDAMNTLS OF MUSIC MUSIC 101 2 CR.
 PREREQ: ABILITY TO READ ELEM MUSICAL NOTATION
 7180005 A MWF 9:00-9:50
 7180010 B MWF 3:10-4:00

INTRO MUSIC LISTENI MUSIC 102 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5406005 A MWF 9:00-9:50
 5406010 B MWF 10:00-10:50
 5406015 C ARRANGED
 DELIVERY IS WWW

BASIC MUSICIANSHP MUSIC 105 3 CR.
 PREREQ: PERFORMING ARTS MAJOR CLASSIFICATION
 2975005 A TR 3:10-4:00
 W 3:10-4:00

WIND ENSEMBLE MUSIC 111 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 EQUIPMENT USE FEE \$10.00-\$60.00
 5408005 A MWRF 12:10-1:00

CONCERT BAND MUSIC 112 1 CR.
 PREREQ: OPEN TO ALL STUDENTS WHO PERFORMED ON A
 WIND OR PERCUSSION INSTRUMENT IN HS BAND OR
 ORCHESTRA
 EQUIPMENT USE FEE \$10.00-\$60.00
 5409005 TR 9:30-10:50

JAZZ ENSEMBLE MUSIC 113 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 EQUIPMENT USE FEE \$10.00-\$35.00
 5410005 A TR 2:10-3:40
 5410010 B MW 7:00-8:30PM

MARCHING BAND MUSIC 114A 1 CR.
 PREREQ: OPEN TO ALL STUDENTS WHO PERFORMED ON A
 WIND OR PERCUSSION INSTRUMENT IN HS BAND OR
 ORCHESTRA
 EQUIPMENT USE FEE \$25.00-\$125.00
 5411005 MTWRF 4:30-5:50
 S 10:00-11:50

MUSIC

SYMPHONIC BAND MUSIC 115 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 EQUIPMENT USE FEE \$10.00-\$60.00
 9610005 MWF 11:00-11:50

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 118C 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 118D 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 118E 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 118F 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 118G 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 118I 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 118K 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 119D 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 119I 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 119K 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

CLASS STUDY PIANO I MUSIC 127 1 CR.
 PREREQ: 101 OR AUDITION, & PERMISSN OF INSTR
 COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 5432005 A MW 12:10-1:00
 5432010 B TR 10:00-10:50
 5432015 C MW 8:00-8:50

CLASS STDY PIANO II MUSIC 128 1 CR.
 PREREQ: 127 OR AUDITION, & PERMISSN OF INSTR
 COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5433005 A MW 9:00-9:50

VOCAL JAZZ ENSEMBLE MUSIC 131 1 CR.
 PREREQ: OPEN BY AUDITION AND PERMISSION OF
 INSTRUCTR; CONCURRENT ENROLLMENT IN 141, 151 OR
 161
 5435005 R 5:10-8:00PM

LYRICA WOMENS CHOIR MUSIC 141 1 CR.
 PREREQ: OPEN TO ALL FEMALE STUDENTS BY AUDITION
 EQUIPMENT USE AND FIELD TRIPS & TRAVEL
 FEE \$10.00-\$60.00
 5437005 MWF 2:10-3:00

CANTAMUS WMNS CHOIR MUSIC 151A 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$30.00
 4461005 1 MWF 11:00-11:50

STATESMEN MNS CHOIR MUSIC 151B 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$30.00
 4471005 1 MWF 1:10-2:00

IOWA STATE SINGERS MUSIC 161 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$30.00
 5441005 MTWRF 12:10-1:00

SYMPHONY ORCHESTRA MUSIC 181 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 EQUIPMENT USE FEE \$10.00-\$30.00
 5443005 TR 4:10-6:00PM

MUSIC

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 219C 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 219D 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 219K 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRO MUSIC THEORY MUSIC 221 3 CR.
 PREREQ: MUSIC MJR STATUS OR PRMSSN OF INSTRUCTOR;
 CONCURRENT ENROLLMENT IN 222 RECOMMENDED
 COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 4584005 A MWF 11:00-11:50
 4584010 B MWF 2:10-3:00

INTR AURAL THRY&TCH MUSIC 222 2 CR.
 PREREQ: MUSIC MJR STATUS OR PRMSSN OF INSTRUCTOR;
 CONCURRENT ENROLLMENT IN 221 RECOMMENDED
 COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY
 4637005 A MWF 10:00-10:50
 T 11:00-11:50
 4637010 B MWF 10:00-10:50
 R 11:00-11:50
 4637015 C MWF 3:10-4:00
 T 2:10-3:00
 4637020 D MWF 3:10-4:00
 R 2:10-3:00

CLASS STU PIANO III MUSIC 227 1 CR.
 PREREQ: 128 OR AUDITION & PERMISSION OF INSTR
 COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5455005 A TR 2:10-3:00
 5455010 B TR 9:00-9:50

MUSIC

CLASS STDY PIANO IV MUSIC 228 1 CR.
 PREREQ: 227 OR AUDITION & PERMISSION OF INSTR
 COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5456005 TR 8:00-8:50

INTRO MUSIC TECHNOL MUSIC 246 2 CR.
 PREREQ: 101, 105, OR 221, OR INSTRUCTOR PERMISSN
 5578005 MW 1:10-2:00

MUSIC IN ELEM EDUC MUSIC 265 3 CR.
 PREREQ: HD FS 226 OR PSYCH 230
 7209005 A T 5:10-8:00PM

INTRO TO MUSIC EDUC MUSIC 266 2 CR.
 PREREQ: CONCURRENT ENROLLMENT (.5 CR) IN 480K
 5459005 TR 10:00-10:50

SPCL PROB EDUCATION MUSIC 290A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 PROFESSIONAL SUPPORT FEE \$250.00-\$550.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 290H VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP
 IN
 UNIVERSITY HONORS PROGRAM
 COURSE RESTRICTED TO STUDENTS IN THE
 UNIVERSITY HONORS PROGRAM ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

OPERA/OPRTTA STUDIO MUSIC 301A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8656005 MW 2:10-3:40

APPLIED MUSIC VOICE MUSIC 318A 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 318B 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 318C 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 318D 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 318E 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 318F 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 318G 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 318I 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 318K 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 319C 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 319D 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 319K 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE MUSIC 321A 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN MUSIC 321C 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL STRINGS MUSIC 321D 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSM PERCUSSION MUSIC 321I 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED MUSIC 321J 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGL&ITAL DICT-SING MUSIC 324 2 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 118A OR 119A
 5495005 TR 3:10-4:00

MUSIC

MATERLS OF MUSIC II MUSIC 331 3 CR.
 PREREQ: 231
 4405005 A MWF 8:00-8:50
 4405010 B MWF 9:00-9:50

AURAL THEORY II MUSIC 332 1 CR.
 PREREQ: 232
 4408005 A TR 8:00-8:50
 4408010 B TR 9:00-9:50

STRING TECHNIQUES MUSIC 350 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 358B. LIMITED TO
 MUSIC MAJORS.
 5499005 MW 2:10-3:00

WDWND: OBOE, BASSN MUSIC 352 1 CR.
 PREREQ: 351 OR PERMISSION OF INSTRUCTOR;
 CONCURRENT ENROLLMENT IN 358B
 5501005 MW 3:10-4:00

BRSS:TROM, BARI, TUBA MUSIC 354 1 CR.
 PREREQ: 353 OR PERMISSION OF INSTRUCTOR.
 CONCURRENT ENROLLMENT IN 358B. LIMITED TO MUSIC
 MAJORS.
 5503005 MW 2:10-3:00

LAB ENSEMBLE CHORAL MUSIC 358A R CR.
 7331005 W 4:10-5:15

LAB ENSEMBLE INSTRUM MUSIC 358B R CR.
 SATISFACTORY-FAIL ONLY.
 EQUIPMENT USE FEE \$0.00-\$25.00
 7330005 T 12:10-1:00

CONDUCTING I MUSIC 361 2 CR.
 PREREQ: 231, 232
 5507005 MWF 9:00-9:50

METHODS MUS EDUCATN MUSIC 366 2 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 480K AND
 SP ED 450; 266 AND ADMISSION INTO TEACHER
 EDUCATION
 RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 4596005 TR 11:00-11:50

HISTORY OF MUSIC I MUSIC 383 3 CR.
 PREREQ: 120
 COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5511005 MWF 10:00-10:50

LIT & PEDAGOGY VOICE MUSIC 415A 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY PIANO MUSIC 415B 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

LIT & PEDAGOGY ORGAN MUSIC 415C 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG STRINGS MUSIC 415D 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG WOODWIND MUSIC 415F 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY BRASS MUSIC 415G 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG PERCUSSN MUSIC 415I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG JAZZ PERF MUSIC 415J 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDENT TCH SEC MUS MUSIC 417K VAR. CR.
 PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT
 TEACHING
 COURSE ONLY OFFERED FOR 8 CREDITS FALL 2009.
 RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE
 UNIVERSITY TEACHER EDUCATION PROGRAM.
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$328.00
 4710005 1 ARRANGED
 SECT 1:1ST HALF
 4710010 2 ARRANGED
 SECT 2:2ND HALF

STUDNT TCH ELEM MUS MUSIC 417L VAR. CR.
 PREREQ: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT
 TEACHING
 COURSE ONLY OFFERED FOR 8 CREDITS FALL 2009.
 RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE
 UNIVERSITY TEACHER EDUCATION PROGRAM.
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$328.00
 4711005 1 ARRANGED
 SECT 1:1ST HALF
 4711010 2 ARRANGED
 SECT 2:2ND HALF

APPLIED MUSIC VOICE MUSIC 419A 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 419B 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 419C 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

APPLD MUSIC STRINGS MUSIC 419D 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 419E 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 419F 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 419I 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 419K 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

JR/SENIOR RECITAL MUSIC 420 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCED PERFORMING ABILITY, PERMISSION
 OF INSTRUCTOR, CONCURRENT REGISTRATION IN 319 OR
 419
 5584005 ARRANGED

ELEC MUSIC SYNTHESI MUSIC 446 3 CR.
 PREREQ: 246 OR PERMISSION OF INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$35.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5524005 MWF 10:00-10:50
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

CHORAL MATRLS&METHD MUSIC 465 2 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 358A AND 141,
 151, OR 161
 5526005 TR 3:10-4:00

PGM DEV&EVAL MUS ED MUSIC 466 2 CR.
 PREREQ: CONTINUATION EXAM PASSED; 362, 366,
 CONCURRENT ENROLLMENT (1 CR) IN 480K
 RESTRICTED TO STUDENTS WITH FULL ADMISSION TO
 THE UNIVERSITY TEACHER EDUCATION PROGRAM
 5527005 A TR 10:00-10:50

ROMANTIC ERA MUSIC MUSIC 475 3 CR.
 PREREQ: 383, 384
 COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5532050 MWF 3:10-4:00

FLD EXP TEACH MUSIC MUSIC 480K .5- 2 CR.
 7691005 1 ARRANGED
 SEC 1 OFFERED FOR 1-2 CREDITS.
 RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE
 UNIVERSITY TEACHER EDUCATION PROGRAM.
 7691010 2 ARRANGED
 SEC 2 OFFERED FOR .5 CREDIT

MUSIC

INDEP STUDY EDUCATN MUSIC 490A VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY THEORY MUSIC 490B VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU COMPOSITION MUSIC 490C VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY MUSIC 490D VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LITERATURE MUSIC 490E VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY APPL MUSIC MUSIC 490F VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY CONDUCTG MUSIC 490G VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS MUSIC 490H VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP
 IN UNIVERSITY HONORS PROGRAM
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRNC M MUSIC 490I VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

SPECL TOPICS THEORY MUSIC 590B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS COMPOSIT MUSIC 590C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT MUSIC 590E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC MUSIC 590F VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

NAT RESOURC ORIENTA NREM 110 R CR.
 SATISFACTORY-FAIL ONLY.
 1054005 1 TR 2:10-3:00
 SECT 1:1ST HALF
 SECTION 1 FOR FRESHMEN
 1054010 2 TR 2:10-3:00
 SECT 2:1ST HALF
 SECTION 2 FOR ADULT AND TRANSFER

STUDENTS.

NREM LRN CMM SEMINR NREM 111 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MEMBER OF THE NREM TRANSITIONS LEARNING COMMUNITY
 8032005 1 M 12:10-1:00
 8032010 2 R 12:10-1:00

ORIEN LEARNING&TEAM NREM 112 2 CR.
 1346005 A T 12:10-2:00
 1346010 B W 4:10-6:00PM

INTR RENEW RESOURCS NREM 120 3 CR.
 1297005 MWF 12:10-1:00
 1297600 XW ARRANGED HALL R
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$99 IN ADDITION TO

TUITION. FOR

PERMISSION TO ADD CONTACT LORI YOUNGBERG AT 515-294-7656 OR LYOUNG@IASTATE.EDU
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:

<http://www.agde.iastate.edu/computer.htm>

NATURAL RESOURCE ECOLOGY AND MGMT

NAT RESOURC CAREERS NREM 211 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SOPHOMORE CLASSIFICATION
 4467005 TR 2:10-3:00, 2ND HALF

FOREST ECOLGY&SOILS NREM 301 4 CR.
 PREREQ: BIOL 211, 211L; FOR 201 OR A SECOND COURSE IN BIOLOGY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$30.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3717005 A TR 8:00-9:20
 T 3:10-6:00PM

INTERNSHIP NREM 303 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, SOPH STANDING
 NO MORE THAN 6 CREDITS OF NREM 303 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

NAT RES PHOTGRM&GIS NREM 345 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3730005 A MW 8:00-8:50
 F 8:00-10:50

FIRE ECOLOGY & MGT NREM 390 3 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3726005 A TR 11:00-12:20

WATERSHED HYDROLOGY NREM 402 4 CR.
 PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5332005 1 MWF 12:10-1:00
 R 3:10-6:00PM

ECOSYSTEM MANAGEMNT NREM 452 3 CR.
 PREREQ: JR CLASSIFICATION, NREM 301 OR A ECL 312
 FIELD TRIPS & TRAVEL FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5582005 A MW 1:10-2:00
 F 11:00-2:00

AGROFORESTRY SYSTMS NREM 471 3 CR.
 PREREQ: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
 FIELD TRIPS & TRAVEL FEE \$40.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5122005 TR 2:10-3:00
 R 3:10-6:00PM

IND STDY ANIMAL ECO NREM 490A 1- 4 CR.
 PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CR.
 PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 NO MORE THAN 4 CREDITS OF NREM 490 MAY BE APPLIED TOWARD GRADUATION REQUIREMENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

INDEP STUDY HONORS NREM 490H 1- 4 CR.
 PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 NO MORE THAN 4 CREDITS OF NREM 490 MAY BE
 APPLIED TOWARD GRADUATION REQUIREMENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC NREM 498 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 7593005 ARRANGED HALL R

SEMINAR NREM 505 1 CR.
 PREREQ: INSTR PERMISSION OR GRAD CLASSIFICATION
 1083005 1 T 9:30-10:20
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

RESTORATION ECOLOGY NREM 535 3 CR.
 PREREQ: BIOL 366 OR 474 OR GRADUATE STANDING
 FIELD TRIPS & TRAVEL FEE \$30.00
 1667005 WF 11:00-11:50
 M 9:00-11:50
 SECTION INFO:
<http://www.nrem.iastate.edu/teach/aec1535/>

INTRO DNA TECHNIQS NREM 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3744005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:AUG 25-SEPT 24

INTRO CELL TECHNIQS NREM 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3777005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:NOV 3-DEC 10

INTR PROTEOMCS TCNQ NREM 542E 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3810005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:SEPT 29-OCT 29

AGROFORESTRY SYSTMS NREM 571 3 CR.
 PREREQ: 6 CREDITS IN BIOLOGICAL SCIENCE
 AT 300 LEVEL OR ABOVE
 FIELD TRIPS & TRAVEL FEE \$40.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4826005 TR 2:10-3:00
 R 3:10-6:00PM

RESRCH ORIENTATION NREM 580 2 CR.
 PREREQ: 20 CREDITS IN BIOL SCI AND A STAT COURSE
 7519005 F 9:00-10:50

NATURAL RESOURCE ECOLOGY AND MGMT

SPL TOPCS ANIML ECO NREM 590A 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY NREM 590B 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT NREM 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1-12 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NAVAL SCIENCE

INTRO NAVAL SCIENCE N S 111 3 CR.
 THE TUESDAY AND THURSDAY AFTERNOON LABS ARE NOT
 REQUIRED OF NON-ROTC PROGRAM STUDENTS
 5551005 A MWF 8:00-8:50
 T 3:40-5:30
 R 4:10-5:00

LEADERSHIP&MANAGEMT N S 220 3 CR.
 THE TUESDAY AND THURSDAY AFTERNOON LABS ARE NOT
 REQUIRED OF NON-ROTC PROGRAM STUDENTS
 5731005 A MWF 10:00-10:50
 T 3:40-5:30
 R 4:10-5:00

NAVL SHIP ENGINEERG N S 320 3 CR.
 PREREQ: PHYS 221, SOPHOMORE CLASSIFICATION
 THE TUESDAY AND THURSDAY AFTERNOON LABS ARE NOT
 REQUIRED OF NON-ROTC PROGRAM STUDENTS. COURSE NOT
 OPEN TO FRESHMEN.
 5687005 A MWF 9:00-9:50
 T 3:40-5:30
 R 4:10-5:00

EVOLUTN OF WARFARE N S 321 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION. REQUESTS TO
 WAIVE THIS PREREQ MUST BE APPROVED BY N S
 DEPARTMENT.
 THE TUESDAY AND THURSDAY AFTERNOON LABS ARE NOT
 REQUIRED OF NON-ROTC PROGRAM STUDENTS
 5557005 A TR 8:00-9:20
 T 3:40-5:30
 R 4:10-5:00

NAVAL OPER&SEAMNSHP N S 410 3 CR.
 PREREQ: SENIOR CLASSIFICATION. REQUESTS TO
 WAIVE THIS PREREQ MUST BE APPROVED BY N S
 DEPARTMENT.
 THE TUESDAY AND THURSDAY AFTERNOON LABS ARE NOT
 REQUIRED OF NON-ROTC PROGRAM STUDENTS
 5721005 A TR 9:30-10:45
 T 3:40-5:30
 R 4:10-5:00

SENIOR N S SEMINAR N S 440 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SENIOR CLASSIFICATION. REQUESTS TO WAIVE
 THIS PREREQUISITE MUST BE APPROVED BY N S
 DEPARTMENT.
 COURSE RESTRICTED TO SENIORS GRADUATING FALL 2009
 4061005 ARRANGED

NAVAL SCIENCE

INDEPENDENT STUDY N S 490 1- 3 CR.
 PREREQ: SENIOR CLASSIFICATION AND PRIOR APPROVAL
 OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL
 SCIENCE
 NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED
 TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

CELL,M&DEV NEUROSCI NEURO 556 3- 4 CR.
 PREREQ: BIOL 335 OR 436; PHYS RECOMMENDED
 MATERIALS FEE \$0.00-\$65.00
 8551005 A TR 2:10-3:30
 SECTION A OFFERED FOR 3 CREDITS
 8551010 B TR 2:10-3:30, ARRANGED
 SECTION B OFFERED FOR 4 CREDITS
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

NEUROSCI JOURNL CLB NEURO 690 1 CR.
 PREREQ: 556
 8554005 ARRANGED

NEUROSCIENCE SEMINR NEURO 696 1 CR.
 PREREQ: 556
 8555005 ARRANGED

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

NUCLEAR ENGINEERING

NUCLR RAD THRY&ENGR NUC E 401 3 CR.
 PREREQ: PHYS 222, MATH 266 OR 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7741005 A MWF 10:00-10:50
 7741600 XE MWF 10:00-10:50 MAXWELL G
 SECT XE:AUG 24-DEC 18
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

NUTRITIONAL SCIENCES

NUTRITN:MACRONUTRIE NUTRS 501 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN BBMB 404 OR BBMB
 420
 8364005 1 MWF 9:00-9:50

INTRO DNA TECHNIQS NUTRS 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 8628005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:AUG 25-SEPT 24

INTRO CELL TECHNIQS NUTRS 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 8633005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:NOV 3-DEC 10

NUTRITIONAL SCIENCES

INTR PROTEOMCS TCNQ NUTRS 542E 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 8645005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:SEPT 29-OCT 29

MED NUTRIT&DISEAS I NUTRS 561 3- 4 CR.
 PREREQ: FS HN 360, 3 CREDITS IN PHYSIOLOGY AT 300
 LEVEL OR ABOVE
 COURSE ONLY OFFERED FOR 4 CREDITS FALL 2009
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$25.00
 8581005 1 TR 10:00-11:50

COMMUNITY NUTRITION NUTRS 563 3 CR.
 PREREQ: FS HN 203, 362
 7794005 1 TR 12:40-2:00

GRANT PROPOSAL WRIT NUTRS 695 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 3 CREDITS OF GRADUATE COURSE WORK IN
 FOOD SCIENCE AND/OR NUTRITION
 8561005 1 M 12:10-1:00

RESRCH NUTRITNL SCI NUTRS 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERATIONS AND SUPPLY CHAIN

MGMT

PROD/OPERATIONS MGT OSCM 320 3 CR.
 PREREQ: STAT 226
 SECTIONS A1,B1 RESTRICTED TO COLLEGE OF BUSINESS.
 NOT OPEN TO P BUS. SEC A2,B2 FOR ALL OTHER
 COLLEGES.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5279005 A1 TR 2:10-3:25
 CONCURRENT ENROLLMENT OR PRIOR CREDIT

IN FIN 301 IS RECOMMENDED FOR THIS ENROLLMENT
 BLOCK. NEXT SEMESTER ENROLLMENT BLOCK INCLUDES
 MGMT 370, MKT 340 AND LSCM 360.
 5279010 A2 TR 2:10-3:25
 5279015 B1 TR 12:40-1:55
 CONCURRENT ENROLLMENT OR PRIOR CREDIT

IN FIN 301 IS RECOMMENDED FOR THIS ENROLLMENT
 BLOCK. NEXT SEMESTER ENROLLMENT BLOCK INCLUDES
 MGMT 370, MKT 340 AND LSCM 360.
 5279020 B2 TR 12:40-1:55

MFG PLANNING&CONTRL OSCM 422 3 CR.
 PREREQ: 320
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6818005 A1 TR 9:30-10:45
 SECTION A1 RESTRICTED TO OSCM MAJORS
 ONLY
 6818010 A2 TR 9:30-10:45
 SECTION A2 RESTRICTED TO ACCT, BUS U,
 FIN, LSCM,
 MGMT, MIS, MKT MAJORS ONLY

OPERATIONS AND SUPPLY CHAIN MGMT

PROCSS MGT,AN&IMPRV OSCM 424 3 CR.
 PREREQ: 320
 COURSE RESTRICTED TO ACCT, BUS S, BUS U, FIN,
 LSCM, MGMT, MIS, MKT, OSCM UNDERGRAD MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5287005 A TR 2:10-3:25

SUPLY CHAIN INFO SY OSCM 440 3 CR.
 PREREQ: MIS 330, OSCM 320, LSCM 360
 COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS
 YEARS 1-4 AND BUS S. NOT OPEN TO P BUS.
 6887005 A1 MW 3:40-5:00
 SECTION A1 RESTRICTED TO MIS MAJORS
 ONLY
 6887010 A2 MW 3:40-5:00
 SECTION A2 RESTRICTED TO ACCT, FIN,
 LSCM, MGMT,
 MKT, OSCM MAJORS YR 1-4

DEMAND PLANNING&MGMT OSCM 485 3 CR.
 PREREQ: LSCM 360, OSCM 320
 COURSE RESTRICTED TO ACCT, BUS S, BUS U, FIN,
 LSCM, MGMT, MIS, MKT, OSCM UNDERGRAD MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 1069005 A TR 12:40-1:55

PRIN PRCHS&SPLY MGT OSCM 486 3 CR.
 PREREQ: LSCM 360, OSCM 320
 COURSE RESTRICTED TO ACCT, BUS S, BUS U, FIN,
 LSCM, MGMT, MIS, MKT, OSCM UNDERGRAD MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1067005 A TR 9:30-10:45
 1067010 B TR 8:00-9:15

STRTGC SPLY CHN MGT OSCM 487 3 CR.
 PREREQ: OSCM 422 OR OSCM 424 OR LSCM 460;
 OSCM/LSCM 485 OR OSCM/LSCM 486
 COURSE RESTRICTED TO LSCM, OSCM SENIORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 1089005 A TR 11:00-12:15

INDEPENDENT STUDY OSCM 490 1- 3 CR.
 PREREQ: OSCM 320, SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORGANIZATION FOR TROPICAL STUDIES

ECO TROPICAL BIOLGY OTS 510 8 CR.
 7535005 ARRANGED

TOPICS TROPICL BIOL OTS 515 1- 8 CR.
 7544005 ARRANGED

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CR.
 SATISFACTORY-FAIL ONLY.
 3673005 R 4:10-5:30

PERFORM ARTS INTERN PERF 310 R CR.
 SATISFACTORY-FAIL ONLY.
 3677005 ARRANGED

PERFRM ARTS SEMINAR PERF 401 2 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3706005 ARRANGED

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CR.
 5824005 A MWF 9:00-9:50
 5824010 B MWF 11:00-11:50
 5824015 C TR 2:10-3:25
 5824020 D TR 2:10-3:25

MORAL THEOR&PRCTICE PHIL 230 3 CR.
 5827005 A MWF 9:00-9:50
 5827010 B MWF 10:00-10:50
 5827015 C TR 9:30-10:45
 5827020 D TR 11:00-12:15

ANCIENT PHILOSOPHY PHIL 310 3 CR.
 PREREQ: 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5830005 MWF 12:10-1:00

EXISTENTIALSM&CRITC PHIL 320 3 CR.
 PREREQ: 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5834050 MWF 11:00-11:50

ETHICAL THEORY PHIL 330 3 CR.
 PREREQ: 201 OR 230
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9628005 MWF 1:10-2:00

ENVIRONMNTAL ETHICS PHIL 334 3 CR.
 PREREQ: 3 CR IN PHIL OR JR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3722050 TR 2:10-3:25

FEMINIST PHILOSOPHY PHIL 338 3 CR.
 PREREQ: 3 CR IN PHIL OR WOMEN'S STUDIES RECOMMND
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4682005 R 5:10-7:40PM

AESTHETICS PHIL 340 3 CR.
 PREREQ: 201 OR 230
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5838005 MWF 11:00-11:50

PHIL OF TECHNOLOGY PHIL 343 3 CR.
 PREREQ: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
 AND 3 CREDITS OF SOCIAL SCIENCE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7343005 A MWF 2:10-3:00

PHILOSOPHY

PHILOS OF RELIGION PHIL 350 3 CR.
 PREREQ: 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5839005 TR 12:40-1:55

TRUTH, BELIEF&REASON PHIL 366 3 CR.
 PREREQ: 201 OR PERMISSION OF INSTRUCTOR
 6256005 A TR 11:00-12:15

PERSONS AND CAUSES PHIL 450 3 CR.
 PREREQ: 3 CREDITS IN PHIL; 207 STRONGLY ENCOURAGED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4464005 MWF 2:10-3:00

BRAINS, MINDS&CMPTRS PHIL 465 3 CR.
 PREREQ: 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5845050 M 7:00-9:30PM

INDEPENDENT STUDY PHIL 490 1- 4 CR.
 PREREQ: 6 CREDITS IN PHIL, PERMISSION OF INSTR,
 APPROVAL OF CHAIR
 NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHIL 490H 1- 4 CR.
 PREREQ: 6 CREDITS IN PHIL, PERMISSION OF INSTR,
 APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS
 PROGRAM
 NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATNG SR SURVEY PHIL 492 R CR.
 SATISFACTORY-FAIL ONLY.
 COURSE RESTRICTED TO PHIL SENIORS GRADUATING
 FALL 2009
 3891005 ARRANGED

ECOLOGY AND SOCIETY PHIL 496 3 CR.
 PREREQ: GRAD CLASSIFICATION IN BIOLOGICL OR ENVIR
 SCIENCES/STUDIES WITH AT LEAST ONE COURSE IN
 ECOLOGY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7457005 T 7:00-9:30PM

BIOETHICS&PBLC PLCY PHIL 537X 3 CR.
 PREREQ: GRADUATE STATUS OR INSTRUCTOR PERMISSION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8847005 TR 3:40-4:55

SPCL TOPC HISTORY P PHIL 590A 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5850005 ARRANGED

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5851005 ARRANGED

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5853005 ARRANGED

PHILOSOPHY

ECOLOGY AND SOCIETY PHIL 596 3 CR.
 PREREQ: GRAD CLASSIFICATION IN BIOLOGICL OR ENVIR
 SCIENCES/STUDIES WITH AT LEAST ONE COURSE IN
 ECOLOGY
 7458005 T 7:00-9:30PM

PHYSICS

PHYS FOR NON-SCIEN PHYS 101 3 CR.
 5855005 MWF 11:00-11:50

PHYSICS COMMON EXPER PHYS 106 4 CR.
 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.
 5856005 1 TR 8:00-8:50
 WF 8:00-8:50
 5856010 2 TR 8:00-8:50
 WF 9:00-9:50
 5856015 3 TR 8:00-8:50
 WF 11:00-11:50
 5856020 4 TR 8:00-8:50
 WF 2:10-3:00
 5856025 5 TR 8:00-8:50
 WF 4:10-5:00
 5856030 A R 12:10-2:00
 5856035 B R 2:10-4:00
 5856040 C R 4:10-6:00PM
 5856045 D F 8:00-9:50
 5856050 E F 10:00-11:50
 5856055 F F 12:10-2:00
 5856060 G F 2:10-4:00

GENERAL PHYSICS PHYS 111 4 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF
 GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
 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.
 5857005 1 TR 9:00-9:50
 WF 8:00-8:50
 5857010 2 TR 9:00-9:50
 WF 9:00-9:50
 5857015 3 TR 9:00-9:50
 WF 10:00-10:50
 5857020 4 TR 9:00-9:50
 WF 12:10-1:00
 5857025 5 TR 9:00-9:50
 WF 1:10-2:00
 5857030 6 TR 9:00-9:50
 WF 2:10-3:00
 5857035 7 TR 9:00-9:50
 WF 3:10-4:00
 5857040 10 TR 10:00-10:50
 WF 8:00-8:50
 5857045 11 TR 10:00-10:50
 WF 11:00-11:50
 5857050 12 TR 10:00-10:50
 WF 12:10-1:00
 5857055 13 TR 10:00-10:50
 WF 1:10-2:00
 5857060 14 TR 10:00-10:50
 WF 2:10-3:00

PHYSICS

GENERAL PHYSICS PHYS 111 4 CR.

5857065 15 TR 10:00-10:50
 WF 3:10-4:00
 5857066 16 TR 10:00-10:50
 WF 4:10-5:00
 5857070 A W 12:10-2:00
 5857075 B W 2:10-4:00
 5857080 C W 7:00-8:50PM
 5857085 D M 2:10-4:00
 5857090 E M 4:10-6:00PM
 5857095 F T 8:00-9:50
 5857100 G T 10:00-11:50
 5857105 H T 12:10-2:00
 5857110 J T 2:10-4:00
 5857115 K T 4:10-6:00PM
 5857120 L W 8:00-9:50
 5857125 M W 10:00-11:50
 5857130 N W 4:10-6:00PM
 5857135 P R 8:00-9:50
 5857140 Q R 10:00-11:50
 5857145 R R 12:10-2:00
 5857150 T R 2:10-4:00
 5857155 U R 4:10-6:00PM

GENERAL PHYSICS PHYS 112 4 CR.

PREREQ: 111
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO
 DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 5858005 1 MWF 12:10-1:00
 R 8:00-8:50
 5858010 2 MWF 12:10-1:00
 R 11:00-11:50
 5858015 3 MWF 12:10-1:00
 R 12:10-1:00
 5858020 4 MWF 12:10-1:00
 R 1:10-2:00
 5858022 5 MWF 12:10-1:00
 R 3:10-4:00
 5858025 A T 8:00-9:50
 5858030 B T 10:00-11:50
 5858035 C T 12:10-2:00
 5858040 D T 2:10-4:00
 5858045 E W 10:00-11:50
 5858050 F W 2:10-4:00

PHYSICS OF MUSIC PHYS 198 3 CR.

5859005 1 TR 9:00-9:50
 R 2:10-4:00
 5859010 2 TR 9:00-9:50
 F 10:00-11:50
 5859015 3 TR 9:00-9:50
 F 12:10-2:00

INTRODUCTRY SEMINAR PHYS 199 R CR.

SATISFACTORY-FAIL ONLY.
 7305005 T 3:10-5:00

INTR CLASSCL PHYS I PHYS 221 5 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 166
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS WILL BE DROPPED.
 DISCUSSION
 MEETS EVERY TUES & EVERY OTHER THURS. LAB (SEC A-
 EE)
 MEETS EVERY OTHER WEEK. STUDENTS WHO TOOK 221 IN

PHYSICS

SPRING 2009 MUST REGISTER FOR LAB SECTION LW.

5861005 1 MWF 8:00-8:50
 TR 8:00-8:50
 5861010 2 MWF 8:00-8:50
 TR 9:00-9:50
 5861015 3 MWF 8:00-8:50
 TR 10:00-10:50
 5861020 4 MWF 8:00-8:50
 TR 11:00-11:50
 5861025 5 MWF 8:00-8:50
 TR 12:10-1:00
 5861030 6 MWF 8:00-8:50
 TR 1:10-2:00
 5861035 7 MWF 8:00-8:50
 TR 2:10-3:00
 5861040 8 MWF 8:00-8:50
 TR 3:10-4:00
 5861045 9 MWF 8:00-8:50
 TR 4:10-5:00
 5861070 10 MWF 9:00-9:50
 TR 8:00-8:50
 5861075 11 MWF 9:00-9:50
 TR 9:00-9:50
 5861080 12 MWF 9:00-9:50
 TR 10:00-10:50
 5861085 13 MWF 9:00-9:50
 TR 11:00-11:50
 5861090 14 MWF 9:00-9:50
 TR 12:10-1:00
 5861095 15 MWF 9:00-9:50
 TR 1:10-2:00
 5861100 16 MWF 9:00-9:50
 TR 2:10-3:00
 5861105 17 MWF 9:00-9:50
 TR 3:10-4:00
 5861110 18 MWF 9:00-9:50
 TR 4:10-5:00
 5861115 20 MWF 10:00-10:50
 TR 8:00-8:50
 5861120 21 MWF 10:00-10:50
 TR 9:00-9:50
 5861125 22 MWF 10:00-10:50
 TR 10:00-10:50
 5861130 23 MWF 10:00-10:50
 TR 11:00-11:50
 5861135 24 MWF 10:00-10:50
 TR 12:10-1:00
 SECTION 24 RESTRICTED TO PHYSICS

MAJORS ONLY

5861140 25 MWF 10:00-10:50
 TR 1:10-2:00
 5861145 26 MWF 10:00-10:50
 TR 2:10-3:00
 5861150 27 MWF 10:00-10:50
 TR 3:10-4:00
 5861155 28 MWF 10:00-10:50
 TR 4:10-5:00
 5861160 29 MWF 9:00-9:50
 T 7:00-8:50PM
 5861200 A R 8:00-9:50
 SEC A LAB DOES NOT MEET DURING THE
 SAME WEEKS
 AS THURSDAY DISCUSSIONS (ON SEC 1-
 29) SO WHAT APPEARS
 TO BE A POTENTIAL SCHEDULE CONFLICT
 IS NOT
 5861205 B T 8:00-9:50
 5861210 C R 10:00-11:50
 SEC C LAB DOES NOT MEET DURING THE
 SAME WEEKS
 AS THURSDAY DISCUSSIONS (ON SEC 1-
 29) SO WHAT APPEARS
 TO BE A POTENTIAL SCHEDULE CONFLICT
 IS NOT

PHYSICS

PHYSICS

INTR CLASSCL PHYS I PHYS 221 5 CR.

5861215 D T 10:00-11:50
5861220 E R 12:10-2:00

SECTION E LAB DOES NOT MEET DURING

THE SAME WEEKS AS THURSDAY DISCUSSIONS (ON SEC 1-29) SO WHAT APPEARS TO BE A POTENTIAL SCHEDULE CONFLICT IS NOT

5861225 F T 12:10-2:00
5861230 G R 2:10-4:00

SEC G LAB DOES NOT MEET DURING THE

SAME WEEKS AS THURSDAY DISCUSSIONS (ON SEC 1-29) SO WHAT APPEARS TO BE A POTENTIAL SCHEDULE CONFLICT IS NOT

5861235 H T 2:10-4:00
5861240 J M 4:10-6:00PM
5861245 K W 2:10-4:00
5861250 L M 10:00-11:50
5861255 M W 10:00-11:50
5861260 N F 10:00-11:50
5861265 P F 12:10-2:00
5861270 Q W 4:10-6:00PM
5861275 R F 2:10-4:00
5861280 T M 2:10-4:00
5861285 U W 2:10-4:00
5861290 V M 8:00-9:50
5861295 W W 8:00-9:50
5861300 X F 8:00-9:50
5861305 Y M 12:10-2:00
5861310 Z W 12:10-2:00

SECTION Z RESTRICTED TO PHYSICS

MAJORS ONLY

5861315 AA W 12:10-2:00
5861320 BB W 4:10-6:00PM
5861325 CC R 4:10-6:00PM

SEC CC LAB DOES NOT MEET DURING THE

SAME WEEKS AS THURSDAY DISCUSSIONS (ON SEC 1-29) SO WHAT APPEARS TO BE A POTENTIAL SCHEDULE CONFLICT IS NOT

5861330 DD T 4:10-6:00PM
5861335 EE T 7:00-8:50PM
5861340 LW ARRANGED

SEC LW ONLY FOR STUDENTS ENROLLED

SPRING 2009.

STUDENTS ENROLLED IN SECTION LW

WILL BE CONTACTED BY THE PHYSICS DEPARTMENT REGARDING PLACEMENT IN A LAB OR A LAB WAIVER.

HONORS-CLASSIC PH I PHYS 221H 5 CR.

NIGHT EXAMINATIONS SCHEDULED.

PREREQ: CR OR ENROLLMENT IN MATH 166,

MEMBERSHIP IN UNIVERSITY HONORS PROGRAM

5862005 1 MWF 10:00-10:50
TR 12:10-1:00
W 12:10-2:00

PHYS 221H IS NOT A 2-PART COURSE -

REGISTRATION IS COMPLETE WITH ENROLLMENT IN SECTION 1. THE THURSDAY DISCUSSION MEETS ALTERNATE WEEKS. LAB DOES NOT MEET EVERY WEEK.

INTR CLASSC PHYS II PHYS 222 5 CR.

NIGHT EXAMINATIONS SCHEDULED.

PREREQ: 221, MATH 166

2-PART COURSE. REGISTER FOR NUMBERED SECTION

FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS WILL BE DROPPED. STUDENTS WHO TOOK PHYS 222 IN SPRING 2009 MUST REGISTER FOR

LAB SECTION LW.

5863005 1 MWF 1:10-2:00
T 8:00-8:50
5863010 2 MWF 1:10-2:00
T 9:00-9:50

INTR CLASSC PHYS II PHYS 222 5 CR.

5863015 3 MWF 1:10-2:00
T 10:00-10:50
5863020 4 MWF 1:10-2:00
T 11:00-11:50
5863025 5 MWF 1:10-2:00
T 12:10-1:00
5863030 6 MWF 1:10-2:00
T 1:10-2:00
5863035 7 MWF 1:10-2:00
T 2:10-3:00
5863040 8 MWF 1:10-2:00
T 3:10-4:00
5863045 9 MWF 1:10-2:00
T 4:10-5:00
5863065 10 MWF 1:10-2:00
T 11:00-11:50
SECTION 10 RESTRICTED TO PHYSICS

MAJORS ONLY

5863055 11 MWF 1:10-2:00
W 7:00-7:50PM
5863090 15 MWF 2:10-3:00
T 8:00-8:50
5863095 16 MWF 2:10-3:00
T 9:00-9:50
5863100 17 MWF 2:10-3:00
T 10:00-10:50
5863105 18 MWF 2:10-3:00
T 11:00-11:50
5863118 19 MWF 2:10-3:00
T 12:10-1:00
5863110 20 MWF 2:10-3:00
T 1:10-2:00
5863115 21 MWF 2:10-3:00
T 2:10-3:00
5863120 22 MWF 2:10-3:00
T 3:10-4:00
5863125 23 MWF 2:10-3:00
T 3:10-4:00
SECTION 23 RESTRICTED TO PHYSICS

MAJORS ONLY

5863130 24 MWF 2:10-3:00
T 4:10-5:00
5863135 25 MWF 2:10-3:00
T 1:10-2:00
5863150 28 MWF 1:10-2:00
T 2:10-3:00
5863151 29 MWF 2:10-3:00
T 3:10-4:00
5863155 31 MWF 3:10-4:00
T 4:10-5:00
5863160 32 MWF 3:10-4:00
W 7:00-7:50PM
5863165 33 MWF 3:10-4:00
T 2:10-3:00
5863170 34 MWF 3:10-4:00
T 4:10-5:00
5863175 35 MWF 3:10-4:00
T 1:10-2:00
5863180 36 MWF 3:10-4:00
T 3:10-4:00
5863185 37 MWF 3:10-4:00
T 10:00-10:50
5863190 38 MWF 3:10-4:00
T 12:10-1:00
5863200 A W 12:10-2:00
5863205 B W 8:00-9:50
5863210 C R 10:00-11:50

PHYSICS

INTR CLASSC PHYS II PHYS 222 5 CR.

5863215 D R 10:00-11:50
 5863220 E R 12:10-2:00
 5863225 F W 4:10-6:00PM
 5863230 G W 2:10-4:00
 5863235 J R 8:00-9:50
 5863240 K R 8:00-9:50
 5863245 L W 10:00-11:50

SECTION L RESTRICTED TO PHYSICS

MAJORS ONLY

5863250 M W 8:00-10:00PM
 5863255 N T 2:10-4:00
 5863260 P R 12:10-2:00
 5863265 Q R 2:10-4:00
 5863270 R T 10:00-11:50
 5863275 T F 8:00-9:50
 5863280 U F 10:00-11:50
 5863285 V F 12:10-2:00
 5863290 W T 12:10-2:00
 5863295 X R 2:10-4:00

SECTION X RESTRICTED TO PHYSICS

MAJORS ONLY

5863300 Y R 4:10-6:00PM
 5863305 Z R 4:10-6:00PM
 5863310 AA F 2:10-4:00
 5863315 BB T 4:10-6:00PM
 5863325 CC F 2:10-4:00
 5863330 DD F 8:00-9:50
 5863335 EE T 7:00-8:50PM
 5863320 LW ARRANGED

SEC LW ONLY FOR STUDENTS ENROLLED

SPRING 2009.

STUDENTS ENROLLED IN SECTION LW
 WILL BE CONTACTED BY THE PHYSICS DEPARTMENT REGARDING
 PLACEMENT IN A LAB OR A LAB WAIVER.

HONORS-CLASS PHY II PHYS 222H 5 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 221, MATH 166, MEMBERSHIP IN UNIVERSITY
 HONORS PROGRAM

2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO

DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED

FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 5864005 1 MWF 1:10-2:00
 T 11:00-11:50
 5864010 2 MWF 2:10-3:00
 T 3:10-4:00
 5864025 A W 10:00-11:50
 5864030 B R 2:10-4:00

INDEPENDENT STUDY PHYS 290 1- 4 CR.

PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN PHYS 298 R CR.

PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4737005 ARRANGED

THERMAL PHYSICS PHYS 304 3 CR.

PREREQ: 222, MATH 266
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5870005 A MWF 1:10-2:00
 5870010 B TR 8:00-9:20

PHYSICS

ELEC INSTRUMENTATN PHYS 310 4 CR.

PREREQ: 222, MATH 166
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8182005 TR 11:00-11:50
 TR 2:10-4:00

INTR MODRN PHYSCS I PHYS 321 3 CR.

PREREQ: 222, CREDIT OR ENROLLMENT IN MATH 266
 5874005 TR 9:30-10:50

INTR MOD PHYS LAB I PHYS 321L 1 CR.

PREREQ: CREDIT OR ENROLLMENT IN 321
 5875005 1 T 2:10-4:00
 5875010 2 T 4:10-6:00PM
 5875015 3 W 2:10-4:00
 5875020 4 R 3:10-5:00

CLASSICAL MECHANICS PHYS 361 3 CR.

PREREQ: 222, MATH 265, 266
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5880005 TR 12:40-2:00

ELECT & MAGNETISM I PHYS 364 3 CR.

PREREQ: 222, MATH 385 OR 395
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5882005 MWF 10:00-10:50

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CR.

PREREQ: PERMISSION OF INSTRUCTOR
 5886005 ARRANGED

UNDERGRAD RESEARCH PHYS 450 1- 6 CR.

PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH PHYS 450L 1- 6 CR.

PREREQ: 311, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED PHYSICS LAB PHYS 470L 2- 5 CR.

PREREQ: 322 AND PERMISSION OF INSTRUCTOR
 3161005 ARRANGED

QUANTUM MECHANICS I PHYS 480 3 CR.

PREREQ: 322, MATH 385
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5890005 1 MWF 11:00-11:50
 5890010 2 TR 9:30-10:50

INDEPENDENT STUDY PHYS 490 1- 4 CR.

PREREQ: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHYS 490H 1- 4 CR.

PREREQ: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

PHYSICS

PHYSICS

ORAL COMM PHYS SEMN PHYS 501 1 CR.
 SATISFACTORY-FAIL ONLY.
 7408005 A TR 1:10-2:00
 7408010 B TR 2:10-3:00

INTRO RESRCH SEMINR PHYS 502 R CR.
 SATISFACTORY-FAIL ONLY.
 2189005 R 3:10-5:00

CONDENSED MATTER II PHYS 512 3 CR.
 PREREQ: 511
 5897005 TR 9:30-10:50

SEMICONDUCTR PHYSICS PHYS 535 4 CR.
 PREREQ: E E 311, E E 332
 MATERIALS FEE \$50.00
 5903005 A MT 6:10-7:30PM
 ARRANGED

GENERAL RELATIVITY PHYS 541 3 CR.
 PREREQ: 362 OR MATH 465
 5906005 MWF 10:00-10:50

ADV CLASSICL MECHAN PHYS 564 3 CR.
 PREREQ: 362, MATH 426, 465
 5907005 MWF 2:10-3:00

ADV ELECT & MAGNET I PHYS 571 3 CR.
 PREREQ: 365, MATH 426
 5908005 MWF 11:00-11:50

SPCL TOPICS NUCLEAR PHYS 590A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5910005 ARRANGED

SPL TOP COND MATTER PHYS 590B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5911005 MWF 9:00-9:50

SPL TOP HIGH ENERGY PHYS 590C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5912005 ARRANGED

SPCL TOPICS PHYSICS PHYS 590D VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5913005 ARRANGED

SPL TOPCS APPL PHYS PHYS 590E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5914005 ARRANGED

QUANTUM PHYSICS I PHYS 591 4 CR.
 PREREQ: 481
 5915005 1 MWF 8:30-9:50
 5915010 2 MWF 9:30-10:50

CREATIVE COMPONENT PHYS 599 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV NUCLEAR PHYSICS PHYS 624 3 CR.
 PREREQ: 526, 592
 3143005 ARRANGED

ELEMNTRY PARTICLE I PHYS 637 3 CR.
 PREREQ: 526 AND 592
 5921005 A MWF 9:00-9:50
 5921010 B MWF 1:10-2:00

ADV SEMINAR NUCLEAR PHYS 650A 1 CR.
 SATISFACTORY-FAIL ONLY.
 5923005 W 4:10-5:00

ADV SEM COND MATTER PHYS 650B 1 CR.
 SATISFACTORY-FAIL ONLY.
 5924005 R 4:10-5:00

ADV SEM HIGH ENERGY PHYS 650C 1 CR.
 SATISFACTORY-FAIL ONLY.
 5925005 W 4:10-5:00

ADV SEMINAR PHYSICS PHYS 650D 1 CR.
 SATISFACTORY-FAIL ONLY.
 5926005 ARRANGED

ADV SEMINAR APPLIED PHYS 650E 1 CR.
 SATISFACTORY-FAIL ONLY.
 5927005 ARRANGED

ADV TOPICS NUCLEAR PHYS 660A 1- 3 CR.
 5928005 ARRANGED

ADV TOP COND MATTER PHYS 660B 1- 3 CR.
 5929005 ARRANGED

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CR.
 5930005 ARRANGED

ADV TOPICS PHYSICS PHYS 660D 1- 3 CR.
 5931005 ARRANGED

ADV TOPICS APPLIED PHYS 660E 1- 3 CR.
 5932005 ARRANGED

QUANTUM FLD THEOR I PHYS 681 3 CR.
 PREREQ: 564, 572, 592
 5935005 TR 11:00-12:30

RESEARCH PHYS 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PLANT BIOLOGY

PLANT METABOLISM PLBIO 513 2 CR.
 PREREQ: BIOL 330, PHYS 111, CHEM 331; ONE
 SEMESTER OF BIOCHEMISTRY RECOMMENDED
 6806005 1 TR 12:40-1:30

RESEARCH SEMINAR PLBIO 696 1 CR.
 SATISFACTORY-FAIL ONLY.
 8828005 W 4:10-5:30

PLANT BIOLOGY

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

PLANT PATHOLOGY

PRACTL PLANT HEALTH PL P 391 2 CR.
 PREREQ: 6 CREDITS IN BIOLOGICAL SCIENCES
 6812005 MW 12:10-2:00

PRIN OF PLANT PATH PL P 408 3 CR.
 PREREQ: 8 CREDITS IN BIOL SCIENCES, INCLUDING
 BIOL 212/202
 3898005 1 TR 11:00-11:50
 R 12:10-3:00
 3898010 2 TR 11:00-11:50
 R 3:10-6:00PM

INDEP STDY PLT PATH PL P 490A 1- 3 CR.
 PREREQ: JR OR SR CLASSIFICATION, 7 CREDITS IN
 BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 3152005 1 ARRANGED

HONORS INDEP STUDY PL P 490H 1- 3 CR.
 PREREQ: JR OR SR CLASSIFICATION, 7 CR IN BIOL
 SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS
 PROGRAM
 NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 3155005 ARRANGED

PRIN OF PLANT PATH PL P 508 3 CR.
 PREREQ: 8 CREDITS IN BIOLOGICAL SCI INCLUDING
 BIOL 212/202
 3902005 1 TR 11:00-11:50
 R 12:10-3:00
 3902010 2 TR 11:00-11:50
 R 3:10-6:00PM

PLANT DISEAS EPIDEM PL P 543 4 CR.
 PREREQ: 408 OR 416
 7840005 ARRANGED

SPECIAL TOPICS PL P 590 1- 3 CR.
 PREREQ: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
 5953005 ARRANGED

MOL BIO PLT PATHOGEN PL P 692 3 CR.
 PREREQ: 506 OR BBMB 405 OR GEN 411 OR MICRO 402
 OR COURSE IN MOLECULAR BIOLOGY
 5957005 1 MWF 9:00-9:50

COLLOQ IN PLANT PTH PL P 694 2 CR.
 PREREQ: 408 OR 416; PERMISSN OF INSTRUCTOR
 5958005 ARRANGED

PLANT PATHOLOGY

SEMINAR PL P 698 1 CR.
 SATISFACTORY-FAIL ONLY.
 5959005 T 4:10-5:00

THESIS&DIS RESEARCH PL P 699 VAR. CR.
 5960005 ARRANGED

POLITICAL SCIENCE

ORIENTATN POLIT SCI POL S 101 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: POL S AND OPEN OPTION MAJORS ONLY OR
 PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO POL S MAJORS ONLY
 3912005 TR 11:00-11:50
 1ST HALF

INTR AMERIC GOVERN POL S 215 3 CR.
 5961005 1 TR 9:30-10:45
 5961010 2 MWF 10:00-10:50
 5961015 3 W 6:00-9:00PM

INTRO ETHICS&POLTCS POL S 235 3 CR.
 PREREQ: SOPHOMORE STANDING
 5715005 A MWF 11:00-11:50
 SECTION A RESTRICTED TO POL S MAJORS
 ONLY
 5715010 B MWF 11:00-11:50
 SECTION B RESTRICTED TO MAJORS OTHER
 THAN POL S

INTR CMPAR GOVT&POL POL S 241 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5963005 1 MWF 9:00-9:50
 5963010 2 TR 11:00-12:20

INTRO INTERNATL POL POL S 251 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5964005 1 MWF 1:10-2:00
 5964010 2 TR 9:30-10:45

INTRO EMPIRCL RSRCH POL S 301 3 CR.
 PREREQ: 3 CREDITS IN POL S; ONE STAT COURSE
 REQUIRED; SOPHOMORE CLASSIFICATION
 5965005 1 TR 9:30-10:45

POLITICAL BEHAVIOR POL S 305 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 5966005 1A TR 9:30-10:45
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 5966010 1B TR 9:30-10:45
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

STATE & LOCAL GOVT POL S 310 3 CR.
 PREREQ: 3 CR IN POL S
 5968005 1A MWF 12:10-1:00
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 5968010 1B MWF 12:10-1:00
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

LAW AND POLITICS POL S 319 3 CR.
 PREREQ: SOPHOMORE STANDING; 215 RECOMMENDED
 CREDIT FOR EITHER POL S 319 OR POL S 230, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3865005 1A MWF 3:10-4:00
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 3865010 1B MWF 3:10-4:00
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

POLITICAL SCIENCE

POLITICS & SOCIETY POL S 334 3 CR.
 PREREQ: A COURSE IN POL S OR SOC
 7403005 A W 4:10-7:00PM DOBRATZ B

POLITCS DEVEL AREAS POL S 340 3 CR.
 5971005 A TR 11:00-12:20
 SECTION A RESTRICTED TO POL S MAJORS ONLY
 5971010 B TR 11:00-12:20
 SECTION B RESTRICTED TO MAJORS OTHER THAN POL S

LATIN AM GOVT & POL POL S 343 3 CR.
 5974005 1A TR 12:40-2:00
 SECTION 1A RESTRICTED TO POL S MAJORS ONLY
 5974010 1B TR 12:40-2:00
 SECTION 1B RESTRICTED TO MAJORS OTHER THAN POL S

PUBLIC POLICY POL S 344 3 CR.
 9243005 1A TR 12:40-2:00
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 9243010 1B TR 12:40-2:00
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

AFRICAN POLITICS POL S 347 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8462005 1A MWF 2:10-3:00
 8462010 1B MWF 2:10-3:00

THEOR INTL POLITICS POL S 356 3 CR.
 7231005 1A MWF 3:10-4:00
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 7231010 1B MWF 3:10-4:00
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

INT'L SECURITY PLCY POL S 357 3 CR.
 9647005 1A TR 12:40-2:00
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 9647010 1B TR 12:40-2:00
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

U S FOREIGN POLICY POL S 358 3 CR.
 PREREQ: 215 OR 251, OR HIST 467 OR 470 OR 471
 5979005 1A TR 2:10-3:30
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 5979010 1B TR 2:10-3:30
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

AMER INSTITU: MEDIA POL S 363 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 5809005 1A MWF 12:10-1:00
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 5809010 1B MWF 12:10-1:00
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

RELIGION & POLITICS POL S 370 3 CR.
 PREREQ: RELIG 105 OR 210 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3166005 1A MWF 9:00-9:50
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 3166010 1B MWF 9:00-9:50
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

POLITICAL SCIENCE

INTR PUBLIC ADMINIST POL S 371 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 5982005 1 TR 2:10-3:30

WOMEN IN POLITICS POL S 385 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 5983005 1A TR 2:10-3:30
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 5983010 1B TR 2:10-3:30
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

INTERGOVMTL RELATNS POL S 413 3 CR.
 PREREQ: 6 CREDITS IN AMERICAN GOVERNMENT
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5987005 R 6:00-9:00PM

CONSTITUTIONAL LAW POL S 420 3 CR.
 PREREQ: 215; JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5988005 1A MWF 2:10-3:00
 SECTN 1A RESTRICTED TO POL S JUNIORS
 AND SENIORS
 5988010 1B MWF 2:10-3:00
 SECTION 1B RESTRICTED TO MAJORS OTHER THAN POL S

IND STUDY AMER GOVT POL S 490A VAR. CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN
 POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
 SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR
 DETAILS.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THRY&METHD POL S 490B VAR. CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN
 POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
 SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR
 DETAILS.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490C VAR. CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN
 POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
 SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR
 DETAILS.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN
 POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
 SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR
 DETAILS.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

POLITICAL SCIENCE

IND STUDY EXT CREDIT POL S 490E 1- 2 CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN
 POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
 SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR
 DETAILS.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR POL S 490G VAR. CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN
 POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
 SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR
 DETAILS.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CR.
 PREREQ: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN
 POL S MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED.
 SEE UNDERGRADUATE STUDY SECTION OF CATALOG FOR
 DETAILS.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491 3 CR.
 PREREQ: 21 CREDITS OF POL S, SENIOR STATUS AND
 PERMISSION OF INSTRUCTOR.
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN POL S 498 R CR.
 PREREQ: PERMISSION OF DEPARTMENT COOP EDUCATION
 COORDINATOR; SENIOR CLASSIFICATION
 4568005 1 ARRANGED
 PERMISSION OF COORDINATOR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10
 ALUMNI HALL

POL SCI INTERNSHIP POL S 499 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 6 CREDITS IN POL S; JUNIOR OR SENIOR
 CLASSIFICATION; PERMISSION OF INTERNSHIP
 COORDINATOR
 USE OF POL S 499 IN POL S MAJOR AND MINOR DEGREE
 REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY
 SECTION OF CATALOG FOR DETAILS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

POLITCL ANALY&RSRCH POL S 502 3 CR.
 PREREQ: 6 CREDITS IN POL S
 8752005 A W 6:00-9:00PM

PROSEM COMPAR POLIT POL S 505 3 CR.
 PREREQ: 6 CREDITS IN POL S OR GRADUATE STANDING
 4638005 R 6:00-9:00PM

INTERGOVMTL RELATNS POL S 513 3 CR.
 PREREQ: 6 CREDITS OF AMERICAN GOVERNMENT
 6023005 R 6:00-9:00PM

FOUNDTN PBLIC ADMIN POL S 569 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 8506005 W 6:00-9:00PM

ORGANIZATIONAL THRY POL S 571 3 CR.
 6033005 M 6:00-9:00PM

POLICY &PROGRM EVAL POL S 574 3 CR.
 6036005 T 6:00-9:00PM

ETHICS&PUBLIC AFFAI POL S 580 3 CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 6040005 S 8:00-5:00
 SEPT 5-DEC 5
 DOES NOT MEET EVERY WEEK

INT'L POLIT ECONOMY POL S 581 3 CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 6041005 A T 6:00-9:00PM

SPL TOP US P INSTIT POL S 590A 2- 5 CR.
 PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PUBLIC LAW POL S 590B 2- 5 CR.
 PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLIT THEORY POL S 590C 2- 5 CR.
 PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPAR GOVT POL S 590D 2- 5 CR.
 PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L RELAT POL S 590E 2- 5 CR.
 PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POL PARTIES POL S 590F 2- 5 CR.
 PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

POLITICAL SCIENCE

SPL TOP PUB POL&ADM POL S 590G 2- 5 CR.
 PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD FIRST
 WEEK. PROCESS APPROVED ADD SLIP IN 10 ALUMNI
 HALL.

***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INTERNSHIP POL S 590I 2- 5 CR.
 PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

PUBLIC ADMIN INTERN POL S 598 3- 6 CR.
 PREREQ: 15 CREDITS IN POL S, INSTRUCTR PERMISSION
 4540005 1 ARRANGED

CREATIVE COMPONENT POL S 599 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH POL S 699 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 6069005 A TR 8:00-9:15
 6069010 B TR 9:30-10:45
 6069015 C TR 11:00-12:15

HONORS--INTRO PSYCH PSYCH 101H 3 CR.
 PREREQ: FOR UNIV. HONORS PROGRAM STUDENTS ONLY
 6070005 TR 2:10-4:00

LAB INTRODUC PSYCH PSYCH 102 1 CR.
 PREREQ: CR OR ENROLLMENT IN 101
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 4786005 A T 3:10-4:50
 4786010 B W 8:00-9:40
 4786015 C T 1:10-2:50
 4786020 D R 1:10-2:50
 4786025 E R 3:10-4:50
 4786030 F M 3:10-4:50

ORIENTATN TO PSYCH PSYCH 111 .5 CR.
 SATISFACTORY-FAIL ONLY.
 6068005 A W 3:10-4:00
 SECT A:1ST 10 WKS
 6068010 B T 2:10-3:00
 SECT B:1ST 10 WKS

ACAD LEARNG SKILLS PSYCH 131 1 CR.
 SATISFACTORY-FAIL ONLY.
 COURSE RESTRICTED TO STUDENTS ENTERING ISU
 SUMMER 2009 OR FALL 2009
 6071005 A MW 9:00-9:50
 6071010 B MW 10:00-10:50
 6071015 C MW 11:00-11:50
 6071020 D MW 1:10-2:00
 6071025 E TR 8:00-8:50
 6071030 F TR 9:00-9:50
 6071035 G TR 11:00-11:50

ACAD LEARNG SKILLS PSYCH 131 1 CR.
 6071045 J TR 1:10-2:00
 6071050 K W 3:10-4:50
 6071040 L TR 1:10-2:50
 SECT L:1ST HALF
 6071055 M TR 2:10-3:50
 SECT M:1ST HALF
 6071060 N MTWR 1:10-2:00
 SECT N:1ST HALF
 6071065 P MW 9:00-10:50
 SECT P:1ST HALF
 6071070 Q MW 10:00-11:50
 SECT Q:1ST HALF
 6071075 R MW 2:10-3:50
 SECT R:1ST HALF
 6071080 T MTWR 1:10-2:00
 SECT T:2ND HALF
 6071095 U MW 2:10-3:50
 SECT U:2ND HALF
 6071100 V MW 2:10-3:50
 SECT V:2ND HALF
 6071105 W MW 2:10-3:50
 SECT W:2ND HALF
 THE DEPARTMENT SIGNATURE THAT IS

REQUIRED IS
 OBTAINED FROM THE ACADEMIC SUCCESS
 CENTER
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6071145 Y TR 2:10-3:50
 SECT Y:2ND HALF
 6071170 Z TR 2:10-3:50
 SECT Z:2ND HALF
 THE DEPARTMENT SIGNATURE THAT IS

REQUIRED IS
 OBTAINED FROM THE ACADEMIC SUCCESS
 CENTER
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

HONRS ACAD LRNG SKL PSYCH 131H 1 CR.
 SATISFACTORY-FAIL ONLY.
 RESTRICTED TO AER E HONORS STUDENTS ONLY
 6809005 ARRANGED

DEVELOPMENTAL PSYCH PSYCH 230 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 6072005 A TR 12:40-2:00
 6072010 B TR 2:10-3:25

SOCIAL PSYCHOLOGY PSYCH 280 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 6075005 A MWF 11:00-11:50
 6075010 B MWF 12:10-1:00

RES DSGN & METHODOL PSYCH 301 3 CR.
 PREREQ: STAT 101; 1 COURSE IN PSYCHOLOGY
 COURSE RESTRICTED TO PSYCH MAJORS. PSYCH MINORS
 ARE ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN
 ADD
 SLIP SIGNED IN W022 LAGOMARCINO HALL.
 6076005 A TR 9:30-10:50
 6076010 B MWF 2:10-3:00

RESRCH METHODS PSYC PSYCH 302 3 CR.
 PREREQ: 301
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 1173005 A MW 10:00-11:50
 1173010 B MW 12:10-2:00
 1173015 C MW 1:10-3:00
 1173020 D TR 11:00-1:00

PSYCHOLOGY

BRAIN & BEHAVIOR PSYCH 310 3 CR.
 PREREQ: 101; BIOL 101, 155, OR 211
 1515005 A1 TR 3:40-5:00
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 1515010 A2 TR 3:40-5:00
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN PSYCH

SENSATION & PERCEPTN PSYCH 312 3 CR.
 PREREQ: 101
 6079005 A1 M 6:00-8:30PM
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6079010 A2 M 6:00-8:30PM
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN PSYCH

LEARNING & MEMORY PSYCH 313 3 CR.
 PREREQ: 101
 6080005 A1 MWF 10:00-10:50
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6080010 A2 MWF 10:00-10:50
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN PSYCH

MOTIVATION PSYCH 314 3 CR.
 PREREQ: 101
 6081005 A1 MWF 9:00-9:50
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6081010 A2 MWF 9:00-9:50
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN PSYCH

DRUGS & BEHAVIOR PSYCH 315 3 CR.
 PREREQ: 101; BIOL 155 OR 211
 6082015 A1 MWF 2:10-3:00
 SEC A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6082020 A2 MWF 2:10-3:00
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN PSYCH

COGNITIVE PROCESSES PSYCH 316 3 CR.
 PREREQ: 101
 6083005 A1 TR 3:40-5:00
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6083010 A2 TR 3:40-5:00
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN PSYCH

THINKING&DECISN MAK PSYCH 318X 3 CR.
 PREREQ: 101; STAT 101 OR MATH 104 OR EQUIVALENT
 8995005 A1 MWF 2:10-3:00
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 8995010 A2 MWF 2:10-3:00
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN PSYCH

EDUCATIONAL PSYCHOL PSYCH 333 3 CR.
 PREREQ: PSYCH 230 OR HD FS 102, MAJOR IN PSYCH
 OR APPLICATION TO THE TEACHER ED PROGRAM
 FOR PSYCHOLOGY AND SECONDARY EDUCATION MAJORS
 ONLY
 4361005 1 T 6:00-9:00PM

PSYCHOLOGY OF WOMEN PSYCH 346 3 CR.
 PREREQ: TWO COURSES IN PSYCH INCLUDING 101

MEETS U.S. DIVERSITY REQMT.
 6085005 A1 TR 12:40-2:00
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6085010 A2 TR 12:40-2:00
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN PSYCH

PSYCHOLOGY

NORMAL PERSONALITY PSYCH 360 3 CR.
 PREREQ: 101
 6087005 A1 MWF 1:10-2:00
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6087010 A2 MWF 1:10-2:00
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN PSYCH

SOCIAL COGNITION PSYCH 380 3 CR.
 PREREQ: 101 OR 280
 6180005 A1 R 3:10-6:00PM
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6180010 A2 R 3:10-6:00PM
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN PSYCH

SMALL GROUP BEHAVR PSYCH 381 3 CR.
 PREREQ: 280 OR SOC 305
 6088005 A TR 3:40-5:00

COUNSEL THEOR&TCHNQ PSYCH 422 3 CR.
 PREREQ: 3 COURSES IN PSYCH
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6093005 1 TR 11:00-12:15

LAB CONSL THR&TCHNQ PSYCH 422L 1 CR.
 PREREQ: CREDIT OR ENROLLEMNT IN 422,
 MAJOR OR MINOR IN PSYCHOLOGY
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 2844005 1 T 9:00-10:40
 2844010 2 T 1:10-2:50
 2844015 3 W 10:00-11:40
 2844020 4 R 9:00-10:40
 2844025 5 R 1:10-2:50

PSYCH MEASUREMENT I PSYCH 440 3 CR.
 PREREQ: 301 AND 9 CR IN PSYCH, STAT 101
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6099005 A M 12:10-2:00
 F 8:00-9:50
 6099010 B M 12:10-2:00
 W 12:10-2:00
 6099015 C M 12:10-2:00
 F 12:10-2:00
 6099020 D M 12:10-2:00
 W 8:00-9:50

ABNORMAL PSYCHOLOGY PSYCH 460 3 CR.
 PREREQ: 3 COURSES IN PSYCH INCLUDING 101
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6102005 A1 MWF 11:00-11:50
 6102010 A2 MWF 11:00-11:50
 6102015 B1 TR 8:00-9:20
 6102020 B2 TR 8:00-9:20

CLOSE RELATIONSHIPS PSYCH 484 3 CR.
 PREREQ: 9 CR IN PSYCH INCLUDING 280
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5693005 A TR 3:40-5:00
 SECTION A RESTRICTED TO PSYCH MAJORS ONLY
 5693001 B TR 3:40-5:00
 SECTION B RESTRICTED TO MAJORS OTHER THAN PSYCH

PSYCHOLOGY

INDEPENDENT STUDY PSYCH 490 1- 3 CR.
 PREREQ: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN
 NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PSYCH 490H 1- 3 CR.
 PREREQ: JR CLASSIFCATN, 6 CR IN PSYCH, INSTRUCTOR
 PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM PSYCH 491 VAR. CR.
 PREREQ: JR CLASSIFICATION, INSTR PERMISSION,
 CREDIT OR ENROLLMENT IN 301
 NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

FIELDWORK PRACTICUM PSYCH 492 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR CLASSIFICATION, 12 CR IN PSYCH,
 PERMISSION OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF PSYCH 492 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED COGNITION PSYCH 516 3 CR.
 PREREQ: 316
 6115005 TR 2:10-3:30

COGNI PSY HUMN&CPTR PSYCH 521 3 CR.
 PREREQ: GRADUATE CLASSIFICATION OR INSTRUCTOR
 PERMISSION
 5298005 A TR 2:10-3:30
 SEC A RESTRICTED TO GRAD STUDENTS -

ALL OTHERS
 BY INSTRUCTOR PERMISSION ONLY
 5298600 XE TR 2:10-3:30 GILBERT S
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE
 REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

EDUC PSYCH LEARNING PSYCH 533 3 CR.
 PREREQ: C I 333 OR TEACHER LICENSURE
 6118005 1 MW 4:30-6:00PM

PRA INDV TEST CHILD PSYCH 544B 2 CR.
 PREREQ: 542 AND ADMISSION INTO THE PHD PROGRAM IN
 COUNSELING PSYCHOLOGY
 6124050 W 12:10-1:00
 W 1:10-3:00

SPCL TOP COUNSELING PSYCH 590A VAR. CR.
 PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

SPL TOPIC COGNITIVE PSYCH 590Q VAR. CR.
 PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS SOCIAL PSYCH 590R VAR. CR.
 PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GENERAL PSYCH 590Z VAR. CR.
 PREREQ: 12 HOURS IN PSYCH, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP IN PSYCH PSYCH 597 R CR.
 PREREQ: M.S. DEGREE CANDIDACY; PERMISSION OF
 INSTRUCTOR
 7659005 ARRANGED

CREATIVE COMPONENT PSYCH 599 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MULTILEVEL MODELING PSYCH 605 3 CR.
 PREREQ: STAT 404
 7081005 W 6:00-8:40PM

PSY COUNSELING THRY PSYCH 621 3 CR.
 PREREQ: GRAD CLASSIFICATION
 6150005 A T 9:00-11:50

COUNSELING TECHNIQ PSYCH 621L 3 CR.
 PREREQ: CR OR ENROLLMENT IN 621; ADMISSION INTO
 THE DOCTORAL PROGRAM IN COUNSELING PSYCHOLOGY
 6151005 W 2:10-5:00

VOCATIONAL BEHAVIOR PSYCH 623 3 CR.
 PREREQ: 3 COURSES IN PSYCH AND ADMISSION TO
 THE PH.D. PROGRAM IN COUNSELING PSYCHOLOGY
 MATERIALS FEE \$75.00
 6152050 W 2:10-5:00

GROUP COUNSELING PSYCH 626 3 CR.
 PREREQ: 621L, 691A
 6153005 TR 9:30-10:45

PRACT INTMD COUNSEL PSYCH 691B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT GROUP COUNSEL PSYCH 691E VAR. CR.
 PREREQ: 626, 691A, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT ADV COUNSELNG PSYCH 691F VAR. CR.
 PREREQ: 691A, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING PSYCH 691T VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 633, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

RSRCH SEMNR COGNITV PSYCH 692Q 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 7667005 W 12:10-1:00, ARRANGED

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 9085020 F 12:10-1:00, ARRANGED

INTERN COUNSELING PSYCH 697 R CR.
 PREREQ: PH.D. CANDIDACY IN THE COUNSELING PSYCH
 PROG, APPROVED DISSERTATION PROPOSAL, INSTR
 PERMISSN
 6182005 ARRANGED VOGEL D

RESEARCH PSYCH 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RELIGIOUS STUDIES

INTRO WRLD RELIGION RELIG 205 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6109005 A TR 12:40-1:55
 6109010 B TR 2:10-3:25
 6109015 C MWF 12:10-1:00

RELIGION IN AMERICA RELIG 210 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 6188005 A TR 9:30-10:45
 6188010 B TR 11:00-12:15

INTRO TO THE BIBLE RELIG 220 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6189005 A MWF 1:10-2:00

ERLY-MDVL CHRISTNTY RELIG 242A 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6247005 TR 9:30-10:45

INTRO CATHOLICISM RELIG 280 3 CR.
 6242005 A TR 12:40-1:55

OLD TESTAMENT RELIG 321 3 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6194005 A MWF 3:10-4:00

SCIENCE & RELIGION RELIG 323 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORE AND ABOVE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6196005 TR 11:00-12:20 WILSON D

WOMEN AND RELIGION RELIG 336 3 CR.
 PREREQ: 105, 210 OR W S 201 RECOMMENDED
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3352005 TR 12:40-1:55

RELIGIOUS STUDIES

PHILOS OF RELIGION RELIG 350 3 CR.
 PREREQ: PHIL 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6199005 TR 12:40-1:55

REL TRADITNS CHINA RELIG 355X 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8921005 TR 11:00-12:15

RELIGION & POLITICS RELIG 370 3 CR.
 PREREQ: 105 OR 210 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3165005 1A MWF 9:00-9:50
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY.

ADMINISTRATIVE THIS SECTION EXISTS UNDER RELIG FOR
 PURPOSES ONLY. REGISTER FOR POL S
 370 SEC 1A INSTEAD.
 3165010 1B MWF 9:00-9:50
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

ADMINISTRATIVE THIS SECTION EXISTS UNDER RELIG FOR
 PURPOSES ONLY. REGISTER FOR POL S
 370 SEC 1B INSTEAD.

GRK ARCHAE:TO 700BC RELIG 376A 3 CR.
 PREREQ: CL ST 273 OR 275 OR ONE YEAR OF LATIN
 OR GREEK
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2191005 MWF 12:10-1:00

THEORY&METHD R STDI RELIG 385 3 CR.
 PREREQ: 6 CREDITS IN RELIGIOUS STUDIES OR
 PERMISSION OF INSTRUCTOR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6259005 R 3:10-6:00PM

SEM:ISS STUDY RELIG RELIG 475 3 CR.
 PREREQ: 6 CREDITS IN RELIGIOUS STUDIES
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6204005 T 3:10-6:00PM

INDEPENDENT STUDY RELIG 490 1- 3 CR.
 PREREQ: 6 CR IN RELIGIOUS STUDIES, PERMISSION
 OF INSTRUCTOR, APPROVAL OF PROF IN CHARGE OF
 PROGRAM
 NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS RELIG 490H 1- 3 CR.
 PREREQ: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR,
 APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RELIGIOUS STUDIES

SENIOR THESIS RELIG 491 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PEACE&JUSTIC INTERN RELIG 499 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 3 CREDITS IN RELIGIOUS STUDIES,
 PERMISSION OF FACULTY INTERNSHIP COORDINATOR
 7740005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SPL TOP RELIG STUDI RELIG 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG
 3617005 1 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

RESEARCH & EVALUATION

INTRO EDUC RESEARCH RESEV 550 3 CR.
 6211005 1 M 6:00-9:00PM
 SECTION 1 RESTRICTED TO GRAD STUDENTS
 IN THE HUMAN SCIENCES COLLEGE. OTHER
 STUDENTS MUST CONTACT THE DEPARTMENT AT 294-1241.
 6211010 2 M 9:00-11:50
 SECTION 2 RESTRICTED TO GRAD STUDENTS
 IN THE HUMAN SCIENCES COLLEGE. OTHER
 STUDENTS MUST CONTACT THE DEPARTMENT AT 294-1241.
 6211015 3 T 9:00-11:50
 SECTION 3 RESTRICTED TO GRAD STUDENTS
 IN THE HUMAN SCIENCES COLLEGE. OTHER
 STUDENTS MUST CONTACT THE DEPARTMENT AT 294-1241.

BASIC EDUC STATISTIC RESEV 552 3 CR.
 7368005 1 M 5:10-8:00PM
 7368010 2 T 5:30-8:30PM
 7368600 XA RF 9:00-5:00 STAROBIN S
 SECT XA:SEPT 24-NOV 20
 VIDEOSTREAMING ON SEPT 24; MEETINGS
 ON OCT 8-9,
 OCT 29-30 AND NOV 19-20
 SECTION XA IS OFF CAMPUS.
 DELIVERY IS ON-SITE INSTRUCTION
 TAUGHT IN, AT OR BY AMES

INTERMED RES METHDS RESEV 554 3 CR.
 PREREQ: 580, 553
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6214005 1 W 5:10-8:00PM
 6214010 2 W 5:10-8:00PM

QUALITVE RSRCH MTHD RESEV 580 3 CR.
 PREREQ: 550
 4059005 1 T 5:10-8:00PM

SPECIAL TOPICS RESEV 590 1- 3 CR.
 PREREQ: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS RESEV 690 1- 3 CR.
 PREREQ: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH & EVALUATION

RESEARCH RESEV 699 VAR. CR.
 PREREQ: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN

ELEMENTRY RUSSIAN I RUS 101 4 CR.
 STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS
 OF HIGH SCHOOL RUSSIAN MAY NOT ENROLL IN 101.
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 6225005 1 MTWR 11:00-11:50
 6225010 2 MTWR 12:10-1:00
 6225015 3 MTWR 2:10-3:00

INTERMED RUSSIAN I RUS 201 4 CR.
 PREREQ: 102
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6228005 1 MTWR 11:00-11:50

RUSSN FOR BUSIN&PRO RUS 304 3 CR.
 PREREQ: 202
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6835005 1 TR 12:40-2:00

SEMINR RUSSIAN STUD RUS 440 3 CR.
 PREREQ: 314
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3050005 TR 2:10-3:30

INDEPENDENT STUDY RUS 490 1- 6 CR.
 PREREQ: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR
 NO MORE THAN 9 CREDITS IN RUS 490 MAY BE
 APPLIED TOWARD GRADUATION. PERMISSION OF
 DEPARTMENT
 CHAIR REQUIRED - PROCESS APPROVED ADD SLIP IN 10
 ALUMNI HALL.
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN INTERNSHIP RUS 499 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL;
 PERMISSION OF ADVISER AND WORLD LANGUAGES AND
 CULTURES INTERNSHIP COORDINATOR
 NO MORE THAN 3 CREDITS IN RUS 499 MAY BE
 APPLIED TOWARD GRADUATION IN THE MAJOR
 DEPARTMENT PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOCIOLOGY

ORIENTATION PUB SER SOC 110 R CR.
 SATISFACTORY-FAIL ONLY.
 6318005 A R 2:10-3:00 BAIN C

SOCIOLOGY

SOCIOLOGY ORIENTATN SOC 115 R CR.
SATISFACTORY-FAIL ONLY.

6345005 A MW 9:00-9:50 HAGLEY M
SECT A:1ST HALF
6345010 B MW 10:00-10:50 CARTAGENA A
SECT B:1ST HALF
6345015 C MW 10:00-10:50
SECT C:1ST HALF

RURAL INSTIT&ORGANZ SOC 130 3 CR.

CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

6319005 1 TR 8:00-8:50 BAIN C
M 1:10-2:00
6319010 2 TR 8:00-8:50 BAIN C
W 12:10-1:00
6319015 3 TR 8:00-8:50 BAIN C
T 12:40-1:30
6319020 4 TR 8:00-8:50 BAIN C
F 12:10-1:00

INTRO TO SOCIOLOGY SOC 134 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

6346005 1 TR 10:00-10:50 BESSER T
M 1:10-2:00
6346010 2 TR 10:00-10:50 BESSER T
W 9:00-9:50
6346015 3 TR 10:00-10:50 BESSER T
M 10:00-10:50
6346020 4 TR 10:00-10:50 BESSER T
M 11:00-11:50
6346025 5 TR 10:00-10:50 BESSER T
W 12:10-1:00
6346030 6 TR 10:00-10:50 BESSER T
W 10:00-10:50
6346035 7 TR 10:00-10:50 BESSER T
M 2:10-3:00
6346040 8 TR 10:00-10:50 BESSER T
M 9:00-9:50
6346045 9 TR 10:00-10:50 BESSER T
R 2:10-3:00
6346050 10 TR 10:00-10:50 BESSER T
W 12:10-1:00
6346055 11 TR 10:00-10:50 BESSER T
F 10:00-10:50
6346060 12 TR 10:00-10:50 BESSER T
F 9:00-9:50
6346065 13 TR 10:00-10:50 BESSER T
M 12:10-1:00
6346070 14 TR 10:00-10:50 BESSER T
R 12:40-1:30
6346075 15 TR 10:00-10:50 BESSER T
R 2:10-3:00
6346080 16 TR 10:00-10:50 BESSER T
T 2:10-3:00
6346085 17 TR 10:00-10:50 BESSER T
W 11:00-11:50
6346090 18 TR 10:00-10:50 BESSER T
R 11:00-11:50
6346095 19 MWF 10:00-10:50 KRIER D
6346100 20 MWF 11:00-11:50 BESSER T

SOCIOLOGY

INTR RESEARCH METHD SOC 202 3 CR.

PREREQ: 130 OR 134, CR OR ENROLLMENT IN STAT 101
SEC A1,B1 RESTRICTED TO SOC, P S A, INDIS -
CJ ST MAJORS ONLY. SEC A2,B2 RESTRICTED TO MAJORS
OTHER THAN SOC, P S A, INDIS - CJ ST.
4735005 A1 TR 11:00-12:20 SAPP S
4735010 A2 TR 11:00-12:20 SAPP S
4735015 B1 TR 12:40-2:00 STEWART S
4735020 B2 TR 12:40-2:00 STEWART S

INTIMATE RELATNSHIP SOC 219 3 CR.

PREREQ: 130 OR 134
6349005 A TR 9:30-10:50 STEWART S
6349010 B TR 12:40-2:00 DOWNING-
MATIBAG

SOCIAL PROBLEMS SOC 235 3 CR.

PREREQ: 130 OR 134
MEETS U.S. DIVERSITY REQMT.
6347005 1 MWF 3:10-4:00 KRIER D

YOUTH & CRIME SOC 241 3 CR.

PREREQ: 130 OR 134
6350005 1 TR 10:00-10:50 DELISI M
W 8:00-8:50
6350010 2 TR 10:00-10:50 DELISI M
T 12:40-1:30
6350015 3 TR 10:00-10:50 DELISI M
M 3:10-4:00
6350020 4 TR 10:00-10:50 DELISI M
F 9:00-9:50

ADV RESEARCH METHDS SOC 302 3 CR.

PREREQ: 202; STAT 101; SOCIOLOGY OR PSA MAJOR
6354005 A TR 11:00-12:20 KEITH P
6354010 B TR 12:40-2:00 KEITH P

SOC PSYCH:SOC PERSP SOC 305 3 CR.

PREREQ: 130 OR 134
6355005 A1 TR 11:00-12:20 HARROD W
SECTION A1 RESTRICTED TO SOC, P S A
MAJORS
6355010 A2 TR 11:00-12:20 HARROD W
SEC A2 RESTRICTED TO MAJORS OTHER
THAN SOC, PSA
6355015 B1 TR 12:40-2:00
6355020 B2 TR 12:40-2:00

COMMUNITY SOC 310 3 CR.

PREREQ: 130 OR 134
6321005 A MWF 1:10-2:00 FLORA J

SEX&GENDER IN SOCIE SOC 327 3 CR.

PREREQ: 130 OR 134
MEETS U.S. DIVERSITY REQMT.
6356005 A1 TR 2:10-3:30 CAST A
SEC A1 RESTRICTED TO INDIS - CJ ST,
SOC, P S A, W S MAJORS ONLY
6356010 A2 TR 2:10-3:30 CAST A
SEC A2 RESTRICTED TO MAJORS OTHER
THAN INDIS - CJ ST, SOC, P S A, W S

ETHNIC&RACE RELATNS SOC 330 3 CR.

PREREQ: 130 OR 134
MEETS U.S. DIVERSITY REQMT.
6352005 A1 MWF 11:00-11:50
SEC A1 RESTRICTED TO INDIS - CJ ST,
SOC, P S A,
MAJORS ONLY
6352010 A2 MWF 11:00-11:50
SEC A2 RESTRICTED TO MAJORS OTHER
THAN INDIS -

SOCIOLOGY

ETHNIC&RACE RELATNS SOC 330 3 CR.
CJ ST, SOC, P S A

SOC CLASS & INEQUAL SOC 331 3 CR.
PREREQ: 130 OR 134
SECTIONS A1,B1 RESTRICTED TO INDIS - CJ ST,
SOC, P S A MAJORS ONLY. SECTIONS A2,B2 FOR MAJORS
OTHER THAN INDIS - CJ ST, SOC, P S A.
MEETS U.S. DIVERSITY REQMT.
6357005 A1 T 4:10-7:00PM DOBRATZ B
6357010 A2 T 4:10-7:00PM DOBRATZ B
6357015 B1 MW 2:10-3:30 JONES-JOHNSON
G
6357020 B2 MW 2:10-3:30 JONES-JOHNSON
G

LATINO EXP IN U.S. SOC 332 3 CR.
PREREQ: 130 OR 134
MEETS U.S. DIVERSITY REQMT.
1669005 A TR 12:40-2:00 MALDONADO M

POLITICS & SOCIETY SOC 334 3 CR.
PREREQ: A COURSE IN POLITICAL SCIENCE OR
SOCIOLOGY
7401005 A W 4:10-7:00PM DOBRATZ B

CRIMINOLOGY SOC 341 3 CR.
PREREQ: 130 OR 134
4718005 A MW 3:40-5:00 HOCHSTETLER A

POPULATION & SOCIETY SOC 345 3 CR.
PREREQ: 130 OR 134
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6359005 TR 12:40-2:00 MAZUR R

POLICE AND SOCIETY SOC 351 3 CR.
PREREQ: 241 OR CJ ST 240
7743005 TR 9:30-10:50 MONAHAN B

PNISH, CORECTN&SOCIE SOC 352 3 CR.
PREREQ: 241 OR CJ ST 240
7760610 1 TR 11:00-12:20 HOCHSTETLER A

APPLIED ETHICS AG SOC 362 3 CR.
PREREQ: ECON 101 OR SOC 134 OR SOC 130, JUNIOR OR
SENIOR STATUS IN THE COLLEGE OF AGRICULTURE.
7564005 1 W 4:10-7:00PM

SMALL GROUP BEHAVR SOC 381 3 CR.
PREREQ: SOC 305 OR PSYCH 280
6363005 A TR 3:40-5:00

ENVIRONMENTL SOCIOL SOC 382 3 CR.
PREREQ: 130, 134 OR 3 CREDITS OF ENV S
7713005 A1 T 6:00-9:00PM KORSCHING P
SEC A1 RESTRICTED TO SOC, P S A
MAJORS ONLY
7713010 A2 T 6:00-9:00PM
SECTION A2 FOR MAJORS OTHER THAN SOC,
P S A

CONTEM SOC THEORIES SOC 401 3 CR.
PREREQ: 9 CREDITS IN SOC
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6365005 A MWF 1:10-2:00 WAGGONER K
6365010 B TR 3:40-5:00 ROBERTS C

SOCIOLOGY

SOC OF TECHNOLOGY SOC 415 3 CR.
PREREQ: 130 OR 134 PLUS 3 CR IN SOCIAL SCIENCES
CREDIT FOR EITHER SOC 415 OR SOC 515, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6324005 A TR 2:10-3:30 SAPP S

COMPLEX ORGANIZATNS SOC 420 3 CR.
PREREQ: 130 OR 134 OR 135 PLUS 3 CR IN SOC SCIENC
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6325005 A TR 2:10-3:30 WOODMAN W

CRIM & JUV JUST PRAC SOC 460 3-12 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST
COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST
MINOR
NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE
(SOC 454 & 460) MAY BE APPLIED TOWARD GRADUATION.
NO CREDITS IN SOC 460 MAY BE USED TO SATISFY
MINIMUM
SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
6370005 ARRANGED DELISI M

INDEP STUDY GEN SOC SOC 490A 1- 3 CR.
PREREQ: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE
THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC SOC 490B 1- 3 CR.
PREREQ: 6 CR IN SOC AND INSTRUCTOR PERMISSION
STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE
THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS SOC 490H 1- 3 CR.
PREREQ: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR,
MEMBERSHIP IN UNIV HONORS PROGRAM
STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE
THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION.
RESTRICTED
TO UNIVERSITY HONORS PROGRAM STUDENTS ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

HIST SOCIAL THOUGHT SOC 505 3 CR.
PREREQ: 401
6412005 A W 2:10-5:00 WOODMAN W

AGROECOSYSTM ANALYS SOC 509 4 CR.
PREREQ: SENIOR OR GRADUATE CLASSIFICATION
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$300.00
4809005 1 ARRANGED
SECT 1:DATES TO BE ANN.
TWO-WEEK FIELD TRIP IN AUGUST. ONLY A
FEW MTGS DURING FALL SEMESTER.

SOFTWARE ENGINEERING

SOCIOLOGY

FACTOR ANALYSIS SOC 512 3 CR.
 PREREQ: 511, STAT 401
 6380005 A MW 5:10-6:30PM PETERS D

QUALITY RSRCH METHD SOC 513 3 CR.
 PREREQ: 511
 8565005 A TR 8:00-9:20 DOWNING-MATIBAG

MODELS OF COMMUNITY SOC 533 3 CR.
 PREREQ: 6 CREDITS IN SOC
 6330005 A M 8:00-10:50 FLORA C

SEMN ENGAGE CMUNITY SOC 536B 3 CR.
 PREREQ: 6 CREDITS IN SOCIOLOGY
 8646005 M 2:10-5:00

COMPARTV SOC CHANGE SOC 540 3 CR.
 PREREQ: 6 GRADUATE CREDITS IN SOCIOLOGY
 7406005 A T 5:30-8:30PM MAZUR R

SOC FOOD & AGRI SYS SOC 544 3 CR.
 PREREQ: 6 CREDITS IN SOCIOLOGY
 6420005 A W 8:00-10:50

SEMN ECON: WORK SOC SOC 551A 3 CR.
 PREREQ: 6 CREDITS IN SOC
 8080005 MW 11:00-12:20 JONES-JOHNSON
 G

ISSU CRIME & JUSTICE SOC 584 3 CR.
 PREREQ: 6 CREDITS IN SOC
 5306005 A M 5:00-8:00PM MONAHAN B

CURR RSRCH FAMILY S SOC 585 3 CR.
 PREREQ: 6 CREDITS IN SOC
 6404005 A W 5:00-8:00PM CAST A

SPCL TOPICS GEN SOC SOC 590A 1- 3 CR.
 PREREQ: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS RURAL SOC SOC 590B 1- 3 CR.
 PREREQ: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORIENTATION TO SOC SOC 591 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FORMAL ADMISSION INTO SOC GRAD PROGRAM
 6406005 A M 12:10-1:00 SAPP S

MASTERS RES GEN SOC SOC 599A 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOUND SUSTAINBLE AG SOC 610 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 7637005 TR 11:00-12:20

RESEARCH GENERL SOC SOC 699A 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOCIOLOGY

RESEARCH RURAL SOC SOC 699B 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE ENGR ORIENT S E 101 R CR.
 COURSE RESTRICTED TO S E MAJORS ONLY
 7288005 A W 9:00-9:50

COOPERATIVE EDUCATN S E 298 R CR.
 PREREQ: PERMISSION OF DEPT AND CAREER SERVICES
 7296005 ARRANGED

SFTWR CNSTR&USER IN S E 319 3 CR.
 PREREQ: COM S 228
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7191005 MWF 1:10-2:00

SOFTWARE PROJCT MGT S E 329 3 CR.
 PREREQ: COM S 309
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7377005 TR 11:00-12:15

SUMMER INTERNSHIP S E 396 R CR.
 PREREQ: PERMISSION OF DEPT AND CAREER SERVICES
 7315005 ARRANGED

SOFTWARE ENGR INTERN S E 397 R CR.
 PREREQ: PERMISSION OF DEPT AND CAREER SERVICES
 7300005 ARRANGED

COOPERATIVE EDUCATN S E 398 R CR.
 PREREQ: 298, PERMISSION OF DEPT & CAREER SERVICES
 7328005 ARRANGED

SOFTWARE REQMTS ENGR S E 409 3 CR.
 PREREQ: COM S 309, 319
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7215005 1 TR 12:40-2:00

FORML ASPCTS VERIFC S E 412 3 CR.
 PREREQ: COM S 309, 319
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7257005 MWF 2:10-3:00

SOFTWARE EVOLU&MAINT S E 416 3 CR.
 PREREQ: COM S 309, 319
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7240005 MWF 12:10-1:00

INDEPENDENT STUDY S E 490 VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN SOFTWARE ENGR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESIGN PROJECT I S E 491 3 CR.
 PREREQ: 329, COMPLETION OF 29 CREDITS IN THE S E
 CORE PROFESSIONAL PROGRAM, ENGL 314
 7366005 T 2:10-4:00, ARRANGED

COOPERATIVE EDUCATN S E 498 R CR.
 PREREQ: 398, PERMISSION OF DEPT & CAREER SERVICES
 7388005 ARRANGED

SPANISH

SPANISH

ACCEL SPANISH REVIEW SPAN 97 0 CR.

PREREQ: TWO YEARS BUT LESS THAN THREE YEARS OF HIGH-SCHOOL SPANISH
 8246005 1 TR 9:30-10:50
 8246010 2 TR 12:40-2:00

ELEMENTARY SPANISH I SPAN 101 4 CR.

STUDENTS WHO HAVE COMPLETED ONE OR MORE YEARS OF HIGH SCHOOL SPANISH MAY NOT ENROLL IN 101. TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 6473005 1 MTWR 9:00-9:50
 6473020 2 MTWR 10:00-10:50

WWW

6473035 3 MTWR 11:00-11:50
 SEC 2 COURSE DELIVERY WILL INCLUDE

WWW

6473025 4 MTWR 12:10-1:00
 6473030 5 MTWR 1:10-2:00

INTERMED SPANISH I SPAN 201 4 CR.

PREREQ: 102 OR PLACEMENT BY DEPARTMENTAL EXAM
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.

6477005 1 M 8:00-8:50
 TWR 8:00-8:50
 6477010 2 M 9:00-9:50
 TWR 9:00-9:50
 6477015 3 M 10:00-10:50
 TWR 10:00-10:50
 SEC 3 COURSE DELIVERY WILL INCLUDE

WWW

6477020 4 M 11:00-11:50
 TWR 11:00-11:50
 SEC 4 COURSE DELIVERY WILL INCLUDE

WWW

6477025 5 M 12:10-1:00
 TWR 12:10-1:00
 6477030 6 M 1:10-2:00
 TWR 1:10-2:00
 6477035 7 M 2:10-3:00
 TWR 2:10-3:00
 6477040 8 MTW 3:10-4:00
 R 3:10-4:00

INTERMED SPANISH II SPAN 202 4 CR.

PREREQ: 201 OR PLACEMENT BY DEPARTMENTAL EXAM
 ADMISSION TO SPAN 202 BY PLACEMENT ONLY, SEE DEPT. TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6478005 1 MTWR 10:00-10:50

GRAMMAR & COMPOSITN SPAN 301 3 CR.

PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 SEC 1A,2A,ETC. RESTRICTED TO SPAN MAJORS ONLY.
 SEC 1B,2B,ETC. RESTRICTED TO MAJORS OTHER THAN SPAN.

MATERIALS AND EQUIPMENT USE FEE \$25.00
 6479005 1A MWF 9:00-9:50
 6479010 1B MWF 9:00-9:50
 6479015 2A MWF 10:00-10:50
 6479020 2B MWF 10:00-10:50
 6479025 3A MWF 11:00-11:50
 6479030 3B MWF 11:00-11:50
 6479035 4A MWF 12:10-1:00
 6479040 4B MWF 12:10-1:00
 6479045 5A TR 9:30-10:50
 6479050 5B TR 9:30-10:50

GRAMMAR & COMPOSITN SPAN 301 3 CR.

6479055 6A TR 11:00-12:20
 6479060 6B TR 11:00-12:20

CONVERS THRU CULTUR SPAN 303A 3 CR.

PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 SECTIONS 1A,2A RESTRICTED TO SPAN MAJORS ONLY.
 SECTIONS 1B,2B RESTRICTED TO MAJORS OTHER THAN SPAN.

MATERIALS AND EQUIPMENT USE FEE \$25.00

6142005 1A TR 11:00-12:20
 6142010 1B TR 11:00-12:20
 6142015 2A TR 2:10-3:30
 6142020 2B TR 2:10-3:30

CONVERS FOR PROFSNL SPAN 303B 3 CR.

PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 6160005 1A MWF 10:00-10:50
 SECTION 1A RESTRICTED TO SPAN MAJORS

ONLY

6160010 1B MWF 10:00-10:50
 SECTION 1B RESTRICTED TO MAJORS OTHER THAN SPAN

SPAN FOR BUSINS&PRO SPAN 304 3 CR.

PREREQ: 202 OR PLACEMENT BY DEPARTMENTAL EXAM;
 301 RECOMMENDED
 SECTIONS 1A,2A RESTRICTED TO SPAN MAJORS ONLY.
 SECTIONS 1B,2B RESTRICTED TO MAJORS OTHER THAN SPAN.

MATERIALS AND EQUIPMENT USE FEE \$25.00

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6482005 1A MWF 11:00-11:50
 6482010 1B MWF 11:00-11:50

INTRO READ HISPANIC SPAN 314 3 CR.

PREREQ: 301
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8894005 1 TR 9:30-10:50
 8894010 2 TR 11:00-12:20

SPANISH CIVILIZATN SPAN 321 3 CR.

PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6483005 1 MWF 9:00-9:50

LATIN AMERICA TODAY SPAN 324 3 CR.

PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4100005 1A MWF 1:10-2:00
 SECTION 1A RESTRICTED TO SPAN MAJORS

ONLY

4100010 1B MWF 1:10-2:00
 SECTION 1B RESTRICTED TO MAJORS OTHER THAN SPAN

STU HISPAN ART/FILM SPAN 326 3 CR.

PREREQ: ONE SPAN COURSE AT THE 300 LEVEL
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5030005 MW 3:10-5:00

SPANISH

STU SPN LIT TO 1700 SPAN 330 3 CR.
 PREREQ: 314
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6485005 1 MWF 10:00-10:50

INTR SPAN/ENG TRNSL SPAN 351 3 CR.
 PREREQ: 301, 303 OR 304
 SECTIONS 1A,2A RESTRICTED TO SPAN MAJORS ONLY.
 SECTIONS 1B,2B RESTRICTED TO MAJORS OTHER THAN SPAN.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5071005 1A MWF 11:00-11:50
 5071010 1B MWF 11:00-11:50
 5071015 2A MWF 1:10-2:00
 5071020 2B MWF 1:10-2:00

INTR SPANSH PHONOLG SPAN 352 3 CR.
 PREREQ: 301, 303 OR 304
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3382005 1A TR 9:30-10:50
 SECTION 1A RESTRICTED TO SPAN MAJORS ONLY
 3382010 1B TR 9:30-10:50
 SECTION 1B RESTRICTED TO MAJORS OTHER THAN SPAN

SEM LIT&CULTR SPAIN SPAN 440 3 CR.
 PREREQ: 330,331,332, OR 333 (RECOMMEND 330 & 331)
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7688005 1 MW 6:10-8:00PM

INDEPENDENT STUDY SPAN 490 1- 6 CR.
 PREREQ: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
 NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
 NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR DEPARTMENT PERMISSION REQUIRED; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

STU HISPAN ART/FILM SPAN 526 3 CR.
 PREREQ: 6 CR IN SPAN LIT OR CULTURE AT 400 LEVEL
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 4728005 MW 3:10-5:00

SEM LIT&CULTR SPAIN SPAN 540 3 CR.
 PREREQ: 6 CREDITS IN SPANISH LIT OR CULTURE AT 400 LEVEL
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 7467005 1 MW 6:10-8:00PM

SPANISH

SPL TOP LANG PEDAGY SPAN 590C 1- 4 CR.
 PREREQ: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 3905015 EM ARRANGED

SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CR.
 PREREQ: 204
 MEETS U.S. DIVERSITY REQMT.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 6452005 1 MWF 1:10-2:00

INTR INST MI/M DSAB SP ED 330 3 CR.
 PREREQ: 250, CONCURRENT ENROLLMT IN C I 2801, 377
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 2260005 TR 2:10-3:25

COLLAB PARTNERSHIPS SP ED 339 3 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 330
 7963005 1 TR 3:40-4:55

ASESS INCLUSV CLSRM SP ED 355 2 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 455, C I 433, 438,439,468G,468I
 4385005 MW 8:30-9:45
 NO MEETINGS OCT 26-NOV 20

TCHG IN INCLUSV SET SP ED 368 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN C I 377, 468F
 CONCURRENT ENROLLMENT IN C I 377, 438 AND 468F REQUIRED
 4085005 1 W 12:10-1:25
 NO MEETINGS OCT 26-NOV 20

SUPV STUDNT TEACHNG SP ED 415 VAR. CR.
 PREREQ: FULL ADMISSION TO TEACHER EDUCATION, SENIOR CLASSIFICATION, 355, 455, CONCURRENT ENROLLMENT
 IN FIRST SECONDARY ED TEACHING METHODS CLASS. RESERVATION REQUIRED.
 RESTRICTED TO STUDENTS WITH FULL ADMISSION THE UNIVERSITY TEACHER EDUCATION PROGRAM PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$615.00
 4398005 ARRANGED

SUPV STUDENT TEACHG SP ED 416 VAR. CR.
 PREREQ: FULL ADMISSION TO TEACHER EDUC, SENIOR CLASSIFICATION, STUDENT IN EL ED SECTION, 330,365, 436,439,457; C I 280,478. RESERVATION REQUIRED COURSE RESTRICTED TO EL ED MAJORS ONLY.
 RESTRICTED TO STUDENTS WITH FULL ADMISSION THE UNIVERSITY TEACHER EDUCATION PROGRAM. PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$20.50-\$615.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 3286005 ARRANGED

SPECIAL EDUCATION

TCH EXCEP SCDY CLRM SP ED 450 3 CR.
 5059005 TR 8:00-9:15

INSTR MTH INCLU PRI SP ED 455 2 CR.
 PREREQ: CONCURRENT ENROLLMENT 355; C I 433, 438,
 439, 468G, 468I
 6848005 MW 10:00-11:15
 NO MEETINGS OCT 26-NOV 20

EXCEP LRN GEN CLASS SP ED 457 3 CR.
 PREREQ: 250 AND C I 245
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6461005 1 R 6:00-9:00PM

FLD EXP MI/MO DSABL SP ED 459 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 365, 436, CONCURRENT ENROLLMENT IN 460
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$58.00
 1883005 ARRANGED

SPECIAL ED CAPSTONE SP ED 460 1 CR.
 PREREQ: 436 AND CONCURRENT ENROLLMENT IN 459
 1360005 R 11:00-11:50

INDEPENDENT STUDY SP ED 490 1- 5 CR.
 PREREQ: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ASSESS CHLD DISABIL SP ED 515 3 CR.
 PREREQ: 510 OR 511
 6465005 1 W 6:00-9:00PM
 S 9:00-3:30
 SECT 1:AUG 26-DEC 12
 WEDNESDAY MEETINGS ON AUG 26, SEPT 9,
 OCT 7,21,
 NOV 11 AND DEC 2. SATURDAY MEETINGS
 ON AUG 29,
 SEPT 26, OCT 31 AND DEC 12.

CLSRM MGT/BEHVR SUP SP ED 560 3 CR.
 PREREQ: TEACHING LICENSE
 6469005 1 T 6:00-9:00PM

COLLABORTV CONSULTA SP ED 564 3 CR.
 PREREQ: 510, 515, 520 OR 530 OR 540
 7370005 M 6:00-9:00PM

ROLE OF CONSULTANT SP ED 565 1 CR.
 PREREQ: 564
 4102050 ARRANGED

SPECIAL TOPICS SP ED 590 1- 5 CR.
 PREREQ: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL EDUCATION

FLD EXP DISABLT,K-6 SP ED 591G 1- 6 CR.
 PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO THE GRAD PROGRAM IN SPECIAL
 EDUCATION
 COURSE RESTRICTED TO C I MAJORS ONLY
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$33.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP DISABL,7-12 SP ED 591H 1- 6 CR.
 PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO THE GRAD PROGRAM IN SPECIAL
 EDUCATION
 COURSE RESTRICTED TO C I MAJORS ONLY
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$33.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP BHV/DIS,K12 SP ED 591K 1- 6 CR.
 PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION
 COURSE RESTRICTED TO C I MAJORS ONLY
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$33.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1- 5 CR.
 PREREQ: 15 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SP ED 699 VAR. CR.
 PREREQ: 15 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION

LISTENING SP CM 110 3 CR.
 6418005 A MWF 12:10-1:00

POPULR CULTUR ANALY SP CM 205 3 CR.
 PREREQ: CREDIT IN OR EXEMPTION FROM ENGL 150
 3001005 A MWF 2:10-3:00

FUND PUBLIC SPEAKNG SP CM 212 3 CR.
 ATTEND LECTURE THE FIRST DAY - LECTURE IS THE
 SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE.
 CLASS MEETS THREE HOURS EACH WEEK. LECTURE AND
 DISCUSSION MEET ON AN ALTERNATING SCHEDULE ANNOUNCED
 IN FIRST DAY OF LECTURE.
 8643020 1 MWF 8:00-8:50
 MWF 2:10-3:00
 SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643025 2 MWF 9:00-9:50
 MWF 2:10-3:00
 SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643030 3 MWF 10:00-10:50
 MWF 2:10-3:00
 SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643035 4 MWF 10:00-10:50
 MWF 2:10-3:00
 SECTION INFO:
<http://www.public.iastate.edu/~aslagell/spcm212/index.html>

8643040 5 MWF 11:00-11:50
 MWF 2:10-3:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

SPEECH COMMUNICATION

FUND PUBLIC SPEAKNG SP CM 212 3 CR.
 8643045 6 MWF 12:10-1:00
 MWF 2:10-3:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643050 7 MWF 12:10-1:00
 MWF 2:10-3:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643055 8 MWF 1:10-2:00
 MWF 2:10-3:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643060 9 MWF 1:10-2:00
 MWF 2:10-3:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643065 10 MWF 2:10-3:00
 MWF 2:10-3:00
 SECTION 10 LECTURE AND LAB MEET ON ALTERNATING DAYS, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LECTURE--SECOND MEETING TIME/LOCATION LISTED.
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643070 11 MWF 2:10-3:00
 MWF 2:10-3:00
 SECTION 11 LECTURE AND LAB MEET ON ALTERNATING DAYS, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LECTURE--SECOND MEETING TIME/LOCATION LISTED.
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643075 12 MWF 2:10-3:00
 MWF 2:10-3:00
 SECTION 12 LECTURE AND LAB MEET ON ALTERNATING DAYS, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LECTURE--SECOND MEETING TIME/LOCATION LISTED.
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643080 13 MWF 2:10-3:00
 MWF 2:10-3:00
 SECTION 13 LECTURE AND LAB MEET ON ALTERNATING DAYS, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LECTURE--SECOND MEETING TIME/LOCATION LISTED.
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643085 14 MWF 2:10-3:00
 MWF 2:10-3:00
 SECTION 14 LECTURE AND LAB MEET ON ALTERNATING DAYS, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LECTURE--SECOND MEETING TIME/LOCATION LISTED.
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643090 15 MWF 9:00-9:50
 MWF 3:10-4:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643095 16 MWF 1:10-2:00
 MWF 3:10-4:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643100 17 MWF 11:00-11:50
 MWF 3:10-4:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643105 18 MWF 11:00-11:50
 MWF 3:10-4:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

SPEECH COMMUNICATION

FUND PUBLIC SPEAKNG SP CM 212 3 CR.
 /spcm212/index.html
 8643110 19 MWF 12:10-1:00
 MWF 3:10-4:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643115 20 MWF 12:10-1:00
 MWF 3:10-4:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643120 21 MWF 1:10-2:00
 MWF 3:10-4:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643125 22 MWF 1:10-2:00
 MWF 3:10-4:00
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643130 23 MWF 3:10-4:00
 MWF 3:10-4:00
 SECTION 23 LECTURE AND LAB MEET ON ALTERNATING DAYS, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LECTURE--SECOND MEETING TIME/LOCATION LISTED.
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643135 24 MWF 3:10-4:00
 MWF 3:10-4:00
 SECTION 24 LECTURE AND LAB MEET ON ALTERNATING DAYS, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LECTURE--SECOND MEETING TIME/LOCATION LISTED.
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643031 25 MWF 3:10-4:00
 MWF 3:10-4:00
 SECTION 25 LECTURE AND LAB MEET ON ALTERNATING DAYS, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LECTURE--SECOND MEETING TIME/LOCATION LISTED.
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643071 26 MWF 3:10-4:00
 MWF 3:10-4:00
 SECTION 26 LECTURE AND LAB MEET ON ALTERNATING DAYS, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LECTURE--SECOND MEETING TIME/LOCATION LISTED.
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>
 8643086 27 MWF 3:10-4:00
 MWF 3:10-4:00
 SECTION 27 LECTURE AND LAB MEET ON ALTERNATING DAYS, SO IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LECTURE--SECOND MEETING TIME/LOCATION LISTED.
 SECTION INFO: <http://www.public.iastate.edu/~aslagell/spcm212/index.html>

INTERCOLLEG DEBATE SP CM 223 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6424005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SPEECH COMMUNICATION

SPECIAL PROJECTS SP CM 290 1- 2 CR.

PREREQ: 3 CR IN SP CM; PERMISSN OF DEPT CHAIR
NO MORE THAN 4 CREDITS OF SP CM 290 MAY BE
APPLIED TOWARD GRADUATION. NO CREDITS IN SP CM

290

MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE
MAJOR. NO CREDITS IN SP CM 290 MAY BE APPLIED
TOWARD THE MINOR.

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

***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS&PRO SPEAKG SP CM 312 3 CR.

PREREQ: 212

6429005 A1 TR 11:00-12:15

SECTION A1 RESTRICTED TO SP CM MAJORS

6429010 A2 TR 11:00-12:15

SECTION A2 RESTRICTED TO MAJORS OTHER

THAN SP CM

ARGUMNTN,CRIT THINK SP CM 322 3 CR.

PREREQ: 212

INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

6435005 WF 10:00-10:50

M 10:00-11:50

GENDER & COMMUNICTN SP CM 323 3 CR.

PREREQ: 212

MEETS U.S. DIVERSITY REQMT.

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2640005 A TR 11:00-12:15

2640010 B TR 2:10-3:25

2640015 C TR 12:40-2:00

NONVERBAL COMMUNIC SP CM 325 3 CR.

PREREQ: COMST 101 OR 102, 203, 301

COURSE RESTRICTED TO COMST MAJORS ONLY

3196005 1 TR 3:40-5:00

PERSUASION SP CM 327 3 CR.

PREREQ: 212

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

6437005 A1 TR 9:30-10:45

SECTION A1 RESTRICTED TO SP CM MAJORS

6437010 A2 TR 9:30-10:45

SECTION A2 RESTRICTED TO MAJORS OTHER

THAN SP CM

RHETORICAL CRITICSM SP CM 412 3 CR.

PREREQ: 212 AND 6 CREDITS IN SPEECH COMMUNICATION

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

4529005 TR 11:00-12:15

INDEPENDENT STUDY SP CM 490 1- 3 CR.

PREREQ: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN,
PERMISSION OF DEPT. CHAIR

NO MORE THAN 9 CREDITS OF SP CM 490 MAY BE
APPLIED TOWARD GRADUATION. NO CREDITS IN SP CM
490 MAY BE APPLIED TOWARD THE MINOR.

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

***** SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION

TEACHING SPEECH SP CM 495B 3 CR.

PREREQ: SP CM 313; 9 CR IN SP CM; MINIMUM GPA
OF 2.5 IN SP CM COURSES
6446005 ARRANGED

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

COMMUNIC INTERNSHIP SP CM 499 1- 3 CR.

PREREQ: 18 CR IN SP CM COURSES, OTHER COURSES
ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR
STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0
IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE
NO MORE THAN 6 INTERNSHIP CREDITS MAY BE APPLIED
TOWARD DEGREE REQUIREMENTS. NO CREDITS IN SP CM

499

MAY BE APPLIED TOWARD THE MINIMUM CREDITS FOR THE
MAJOR. NO CREDITS IN SP CM 499 MAY BE APPLIED

TOWARD

THE MINOR.

***** SEE DEPT FOR REFERENCE NUMBERS

PROSEM:TCH FUND SPK SP CM 513 1 CR.

PREREQ: REQUIRED OF NEW SP CM 212 T.A. APPOINTMTS
2093005 ARRANGED

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

SPECIAL TOPICS SP CM 590 1- 4 CR.

PREREQ: PERMISSION OF DEPARTMENT CHAIR
NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE
MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM
590 MAY BE APPLIED TOWARD THE MINOR.

***** SEE DEPT FOR REFERENCE NUMBERS

STATISTICS

STATISTICS ORIENTAT STAT 100 R CR.

SATISFACTORY-FAIL ONLY.

6501010 W 1:10-2:00

PRIN OF STATISTICS STAT 101 4 CR.

PREREQ: ONE AND A HALF YRS OF H S ALGEBRA

COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.

CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
STAT 105, STAT 226.

6502005 A MWF 9:00-9:50

M 12:10-2:00

INSTRUCTOR PERMISSION REQUIRED 1ST
WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

6502010 B MWF 9:00-9:50

M 2:10-4:00

INSTRUCTOR PERMISSION REQUIRED 1ST
WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

6502015 C MWF 10:00-10:50

T 2:10-4:00

INSTRUCTOR PERMISSION REQUIRED 1ST
WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

6502020 D MWF 10:00-10:50

T 4:10-6:00PM

INSTRUCTOR PERMISSION REQUIRED 1ST
WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

6502025 E MWF 12:10-1:00

W 12:10-2:00

INSTRUCTOR PERMISSION REQUIRED 1ST
WEEK; PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

6502030 F MWF 12:10-1:00

W 2:10-4:00

INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS

STATISTICS

STATISTICS

PRIN OF STATISTICS STAT 101 4 CR.
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6502035 G MWF 3:10-4:00
 R 2:10-4:00
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 6502040 H MWF 3:10-4:00
 R 4:10-6:00PM
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 6502045 J MWF 2:10-3:00
 T 10:00-11:50
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 6502050 K MWF 2:10-3:00
 T 12:10-2:00
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 6502055 M MWF 8:00-8:50
 R 8:00-9:50
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 6502060 N MWF 8:00-8:50
 R 10:00-11:50
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

INTRO TO STATISTICS STAT 104 3 CR.

PREREQ: 1 & 1/2 YRS OF H S ALGEBRA
 COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
 STAT 105, STAT 226.

INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

6503005 A TR 8:00-8:50
 F 8:00-9:50
 6503010 B TR 8:00-8:50
 F 10:00-11:50
 6503015 C TR 11:00-11:50
 R 12:10-2:00
 6503020 D TR 2:10-3:00
 F 2:10-4:00
 6503025 E TR 9:00-9:50
 F 12:10-2:00

INTRO STAT FOR ENGR STAT 105 3 CR.

PREREQ: MATH 165 (OR 165H)
 RESTRICTED TO MTEOR & COLLEGE OF ENGR MAJORS.
 CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT

FOR

ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD
 GRADUATION: STAT 101, STAT 104, STAT 105, STAT
 226.

6504005 A TR 8:00-9:20
 6504010 B TR 8:00-9:20

INTR BUSINES STAT I STAT 226 3 CR.

PREREQ: MATH 150 OR 165
 COURSE RESTRICTED TO ACCT, AG B, BUS S, BUS U,
 BUSAD, ECON, FIN, I BUS, LOMIS, LSCM, MGMT, MIS, MKT,
 OSCM, P BUS MAJORS ONLY. CREDIT FOR ONLY ONE OF THE
 FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 226,
 STAT 101, STAT 104, STAT 105.

3975005 A TR 9:30-10:50
 3975010 B TR 9:30-10:50
 3975015 C TR 2:10-3:30

INTR BUSINES STAT I STAT 226 3 CR.

3975020 D TR 2:10-3:30
 3975025 E TR 3:40-5:00
 3975030 F TR 8:00-9:20
 3975035 G TR 8:00-9:20

PROB&INFERNC, ENGRS STAT 231 4 CR.

PREREQ: CREDIT OR ENROLLMENT IN MATH 265
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6507005 TR 12:40-2:00
 W 12:10-1:00

ENGINEERING STAT STAT 305 3 CR.

PREREQ: MATH 165 (OR 165H)
 CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6509005 A TR 9:30-10:50
 SEC A RESTRICTED TO ENGR COLLEGE

MAJORS ONLY

INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 6509010 B TR 12:40-2:00
 SEC B RESTRICTED TO ENGR COLLEGE

MAJORS ONLY

6509015 C TR 9:30-10:50
 SEC C RESTRICTED TO CH E MAJORS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 6509020 D TR 12:40-2:00
 SEC D RESTRICTED TO ENGR COLLEGE

MAJORS ONLY

6509025 E TR 12:40-2:00
 SEC E RESTRICTED TO M E MAJORS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST

WEEK; PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

PROBAB MTH,ELEC ENG STAT 322 3 CR.

PREREQ: E E 224
 6857005 TR 11:00-12:15

INTR BUSINS STAT II STAT 326 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 226

6510005 A MW 8:00-8:50
 R 12:10-2:00
 6510010 B MW 8:00-8:50
 R 4:10-6:00PM
 6510015 C MW 8:00-8:50
 F 8:00-9:50
 6510020 D MW 10:00-10:50
 R 2:10-4:00
 6510025 E MW 10:00-10:50
 F 10:00-11:50
 6510030 F MW 10:00-10:50
 F 12:10-2:00
 6510035 G MW 10:00-10:50
 R 10:00-11:50

PROBAB&STAT COM SCI STAT 330 3 CR.

PREREQ: MATH 166
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7372005 MWF 12:10-1:00

STATISTICS

STATISTICS

INTR THY PROBAB&S I STAT 341 3 CR.
 PREREQ: MATH 265 (OR 265H)
 CREDIT FOR EITHER STAT/MATH 341 OR STAT 447,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 6511005 MWF 9:00-9:50

STAT QUALITY ASSURN STAT 361 3 CR.
 PREREQ: 231 OR 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6513005 A1 ARRANGED, T 3:40-5:40
 SEC A1 TWO-HOUR LECTURE DELIVERY IS

WWW.
 RESTRICTED TO I E MAJORS ONLY.
 6513010 A2 ARRANGED, T 3:40-5:40
 SEC A2 TWO-HOUR LECTURE DELIVERY IS

WWW.
 RESTRICTED TO MAJORS OTHER THAN I
 E.

COOPERATIVE EDUCATN STAT 398 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 1530005 ARRANGED

STAT METH FOR RSRCH STAT 401 4 CR.
 PREREQ: 101 OR 104 OR 105 OR 226. GRAD STUDENTS
 WITHOUT AN EQUIV COURSE SHOULD CONTACT DEPT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6514005 A MWF 8:00-8:50
 M 2:10-4:00

SEC A RESTRICTED TO AG COLLEGE AND
 VET COLLEGE MAJORS, A E, A B E, BCB, BIOL, BOT S, D
 EX, D EXH, DIETH, EEB, EEOB, EEOBS, FS H, FSHNH, GDCB,
 GDCBS, GENET, HHP, IMBIO, MATH, MCDB, NEURO, NS H,
 NUTR, P PHY, PDEXH, SUSAG, TOX, ZLGNS

6514010 B MWF 10:00-10:50
 T 2:10-4:00
 SECTION B FOR GENERAL UNDERGRAD
 6514015 C MWF 1:10-2:00
 R 2:10-4:00
 SEC C FOR PHYSICAL SCI, MATH, AND

ENGR
 6514020 D MWF 1:10-2:00
 T 12:10-2:00
 SEC D FOR POL S, PSYCH, CHILD

DEVELOPMENT, EDUC
 6514025 E MWF 11:00-11:50
 M 2:10-4:00
 SEC E FOR SOCIOLOGY

6514030 F MWF 9:00-9:50
 W 2:10-4:00
 SEC F RESTRICTED TO AG COLLEGE AND

VET COLLEGE
 MAJORS, A E, A B E, BCB, BIOL, BOT
 S, D EX, D EXH,

DIETH, EEB, EEOB, EEOBS, FS H,
 FSHNH, GDCB, GDCBS,
 GENET, HHP, IMBIO, MATH, MCDB,
 NEURO, NS H, NUTR,
 P PHY, PDEXH, SUSAG, TOX, ZLGNS

STAT DESIGN&EXPERMT STAT 402 3 CR.
 PREREQ: 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6515005 MWF 2:10-3:00

REGRES SOC&BHAV RES STAT 404 3 CR.
 PREREQ: 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6517005 TR 11:00-11:50
 F 2:10-4:00

MULTIVARIATE ANALYS STAT 407 3 CR.
 PREREQ: 401, KNOWLEDGE OF MATRIX ALGEBRA
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6519005 MW 3:10-4:00
 T 4:10-6:00PM

EMPRCL MTHD CPR SCI STAT 430 3 CR.
 PREREQ: 330 OR EQUIVALENT COURSE, MATH 166,
 KNOWLEDGE OF LINEAR ALGEBRA
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8331005 TR 12:40-2:00

APPL PROBLTY MODELS STAT 432 3 CR.
 PREREQ: 231 OR 341 OR 447
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6521005 A TR 4:10-5:30

STAT THEORY FOR RES STAT 447 4 CR.
 PREREQ: MATH 151 AND INST PERMISSION, OR MATH 265
 CREDIT FOR EITHER STAT/MATH 341 OR STAT 447,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6523005 MTRF 1:10-2:00

CMPTR PROCESSG DATA STAT 479 3 CR.
 PREREQ: 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6526005 TR 9:30-10:50

INDEPENDENT STUDY STAT 490 VAR. CR.
 PREREQ: 10 CREDITS IN STATISTICS
 NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS STAT 490H VAR. CR.
 PREREQ: 10 CR IN STAT, MEMBERSHIP IN HONORS PROG
 NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION. RESTRICTED TO STUDENTS
 IN THE UNIVERSITY HONORS PROGRAM ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

STATISTICAL METHODS STAT 500 4 CR.
 PREREQ: 101
 6529005 MWF 11:00-11:50
 T 2:10-4:00

DSGN OF EXPERIMENTS STAT 512 3 CR.
 PREREQ: 511
 6532005 MWF 10:00-10:50

THRY NONLINEAR MODL STAT 515 3 CR.
 PREREQ: 447 OR 543, 511
 4104005 MWF 9:00-9:50

ADV APP SURVEY SMPL STAT 522 3 CR.
 PREREQ: 521; OR 421 AND 477
 5069005 TR 9:30-10:50

APPL BUSINESS STAT STAT 528 3 CR.
 PREREQ: ENROLLMENT IN MBA PROGRAM, NOT FOR
 STAT MAJORS
 COURSE RESTRICTED TO STUDENTS IN MBA PROGRAM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STATISTICS

3978005 A TR 11:00-11:50
R 2:10-4:00

ECOLOGICL STATISTICS STAT 534 3 CR.
PREREQ: 447 OR 542
6539005 TR 3:40-5:00

POPULATN GENET STAT STAT 536 3 CR.
PREREQ: 401, 447; GEN 320 OR BIOL 313
6541005 TR 3:40-5:00

THRY PROBAB &STAT I STAT 542 4 CR.
PREREQ: 341; MATH 414 OR 465
6546005 A MTRF 9:00-9:50

NONPARAM METHODS ST STAT 546 3 CR.
PREREQ: 511, 542
6549005 TR 12:40-2:00

TIME SERIES ANALYS STAT 551 3 CR.
PREREQ: 447 OR 542
4590010 A TR 11:00-12:20

INTRO STOCHAST PROC STAT 554 3 CR.
PREREQ: 542
6617005 MWF 1:10-2:00

METHDS BIostatistics STAT 565 3 CR.
PREREQ: 500 OR 401; 543 OR 447
6540005 TR 8:00-9:20

AN INTRODUCTN TO R STAT 579 1 CR.
PREREQ: ENROLLMENT IN STAT 500
6552005 A R 12:10-2:00
SECTION A RESTRICTED TO STAT MAJORS
ONLY
6552010 B T 12:10-2:00
SECTION B RESTRICTED TO MAJORS OTHER
THAN STAT

SPECL TOPICS THEORY STAT 590A VAR. CR.
6554005 ARRANGED

SPCL TOPICS METHODS STAT 590B VAR. CR.
6555005 ARRANGED

SPL TOP DESGN EXPER STAT 590C VAR. CR.
6556005 ARRANGED

SPL TOP SAMP SURVEY STAT 590D VAR. CR.
6557005 ARRANGED

COOPERATIVE EDUCATN STAT 598 R CR.
PREREQ: PERMISSION OF THE DEPARTMENT CHAIR
4153005 ARRANGED

CREATIVE COMPONENT STAT 599 VAR. CR.
SATISFACTORY-FAIL ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

ADV STATISTIC METHDS STAT 601 4 CR.
PREREQ: 511, 543
6559005 MWF 11:00-11:50
W 1:10-3:00

STATISTICS

THY&APP LINEAR MODL STAT 611 3 CR.
PREREQ: 500 OR 402 OR 404, 542 OR 447, A COURSE
IN MATRIX ALGEBRA
6561005 TR 2:10-3:30

ADV THRY SURVEY STT STAT 621 3 CR.
PREREQ: 521
6563005 TR 11:00-12:20

ADV PROBABILITY THRY STAT 642 4 CR.
PREREQ: 542
6565005 MW 8:00-9:50

ADV STAT COMPUTING STAT 680 3 CR.
PREREQ: 543, 580
3421005 ARRANGED

ADV SPL TOPC THEORY STAT 690A VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
6851005 ARRANGED

ADV SPL TOP METHODS STAT 690B VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
6852005 ARRANGED

ADV TOP SAMP SURVEY STAT 690D VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
6855005 ARRANGED

ADV TOP STAT COMPUT STAT 690E VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
1709005 1 ARRANGED

ADV TOPICS GRAPHICS STAT 690F VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR
3189005 ARRANGED

RESEARCH STAT 699 VAR. CR.
***** SEE DEPT FOR REFERENCE NUMBERS

SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 502 2 CR.
PREREQ: GRADUATE CLASSIFICATION, STAT 328
COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
9132005 R W 8:30-11:50
SECT R:SEPT 2-OCT 21
9132010 S S 8:30-12:00
S 1:00-4:30
SECT S:AUG 29-OCT 24
MEETS MORNINGS ONLY OCT 3-24 AND
AFTERNOONS
ONLY AUG 29-SEPT 26
9132600 XA T 5:45-9:15PM
SECT XA:SEPT 1-OCT 20
SECTION XA IS OFF CAMPUS.
DELIVERY IS ON-SITE INSTRUCTION
TAUGHT IN, AT OR BY DES MOINES

S CH PLAN&CNTRL SYS SCM 522 3 CR.
PREREQ: 502 OR PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
7186005 A R 6:00-9:30PM
SECT A:SEPT 3-NOV 19

SUPPLY CHAIN MANAGEMENT

STRATEGC LOGIST MGT SCM 560 3 CR.
 PREREQ: 502 OR PERMISSION OF INSTRUCTOR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 6797005 A T 6:00-9:30PM
 SECT A:SEPT 1-NOV 17

SPECIAL TOPICS SCM 590 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUSTAINABLE AGRICULTURE

AGROECOSYSTM ANALYS SUSAG 509 4 CR.
 PREREQ: SENIOR OR ABOVE CLASSIFICATION
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$300.00
 4931005 1 ARRANGED
 SECT 1:DATES TO BE ANN.
 TWO-WEEK FIELD TRIP IN AUGUST. ONLY A
 FEW MTGS DURING FALL SEMESTER.

INTEG CROP&LVSTK SY SUSAG 515 3 CR.
 PREREQ: 509
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$60.00
 4934005 TR 9:30-10:50

AGROFORESTRY SYSTMS SUSAG 571 3 CR.
 PREREQ: 6 CR IN BIOL SCI AT 300-LEVEL OR ABOVE
 FIELD TRIPS & TRAVEL FEE \$40.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5077005 TR 2:10-3:00
 R 3:10-6:00PM

SPECIAL TOPICS SUSAG 590 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SUSAG 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUSTAINB AG COLLOQU SUSAG 600 1 CR.
 5035005 1 W 3:10-5:00
 SECTION INFO:
<http://www.sust.ag.iastate.edu/gpsa/courses/susag600/homepage.html>

FOUND SUSTAINBLE AG SUSAG 610 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 5047005 TR 11:00-12:20

FOOD,ENERGY IN IOWA SUSAG 620X 4 CR.
 PREREQ: 509 AND 610, OR PERMISSION OF INSTRUCTORS
 8861005 M 6:30-8:30PM
 ARRANGED

RESEARCH SUSAG 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY & SOCIAL CHANGE

TECHNL:INTL&SOC ISS T SC 341 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 6686005 MWF 2:10-3:00

WORLD FOOD ISSUES T SC 342 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 PROFESSIONAL SUPPORT FEE \$0.00-\$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5256005 1 MWF 11:00-11:50 FORD C
 SECTION 1 RESTRICTED TO AGRON, DIETA,
 DIETH,
 FS A, FS H, NS A, NS H, PDEXA,
 PDEXH MAJORS ONLY
 5256010 2 MWF 1:10-2:00 FORD C
 5256600 XW ARRANGED FORD C
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE \$99.00 IN ADDITION TO

TUITION.
 FOR PERMISSION TO ADD CONTACT LORI
 YOUNGBERG AT 515-294-7656 OR EMAIL
 LYOUNG@IASTATE.EDU
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
<http://agde.iastate.edu/computer.htm>

PHIL OF TECHNOLOGY T SC 343 3 CR.
 PREREQ: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
 AND 3 CREDITS OF SOCIAL SCIENCE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5211005 A MWF 2:10-3:00

COMM TECH&SOC CHANG T SC 474 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 COURSE RESTRICTED TO JUNIORS AND ABOVE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 9664005 1 MWF 11:00-11:50 HARMS C
 SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

INDEPENDENT STUDY T SC 490 VAR. CR.
 PREREQ: 341, PERMISSION OF INSTRUCTR & T SC COORD
 PERMISSION OF COORDINATOR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMM TECH&SOC CHANG T SC 574 3 CR.
 PREREQ: 6 CREDITS IN SOCIAL SCIENCE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 9665005 1 MW 6:10-7:25PM DIMITROVA D
 SYLLABUS:
<http://www.jlmc.iastate.edu/undergrad/syllabi.ht>

SPL TOP TCH&SOC CHG T SC 590 VAR. CR.
 PREREQ: 541, PERMISSN OF INSTRUCTOR & T SC COORD
 PERMISSION OF COORDINATOR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

INTRO TO TECHNOLOGY TSM 110 1 CR.
 PREREQ: AST AND I TEC MAJORS ONLY OR PERMISSION
 OF INSTRUCTOR
 2533005 A T 2:10-3:00
 2533010 B R 2:10-3:00

TECHNOLOGY SYSTEMS MANAGEMENT

TECHNOLOGY SYSTEMS MANAGEMENT

ORIEN LEARNING&TEAM TSM 112 2 CR.
 PREREQ: 112
 1393005 A T 12:10-2:00
 1393010 B W 4:10-6:00PM

SOLV TECHNOL PROBLM TSM 115 3 CR.
 PREREQ: CR OR ENROLLMENT IN MATH 140 OR HIGHER
 1358005 A MW 2:10-4:00

INTR DSIGN IN TCNOL TSM 116 3 CR.
 COURSE RESTRICTED TO AST, I TEC MAJORS ONLY
 4496005 A TR 10:00-11:50

ENTREPRN&INTERN SEM TSM 201 1 CR.
 PREREQ: SOPHOMORE CLASSIF IN A E, AST OR I TEC
 1384005 MW 4:10-5:00, 1ST HALF

FUND OF TECHNOLOGY TSM 210 3 CR.
 PREREQ: CR OR ENROLLMT IN 115 OR EQUIVALENT,
 MATH 140 OR HIGHER
 1359005 TR 4:10-5:30

ADV TECH GRPHCS&CAD TSM 216 3 CR.
 PREREQ: 116
 4504005 A TR 12:40-2:30

INTRO MANUFACT PROC TSM 240 3 CR.
 COURSE RESTRICTED TO AST, I TEC MAJORS ONLY
 MATERIALS FEE \$50.00
 6601005 A M 1:10-2:00
 TR 8:00-9:50
 6601010 B M 1:10-2:00
 TR 10:00-11:50
 6601015 C M 1:10-2:00
 WF 10:00-11:50

PRIN INJURY PREVENT TSM 270 3 CR.
 5625005 A W 8:00-8:50, ARRANGED
 5625600 XW ARRANGED FREEMAN S
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$198.00 IN ADDITION

TO
 TUITION AND FEES.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

FIRE PROTECTN&PREVN TSM 276 3 CR.
 5885005 A MW 6:10-7:30PM

LEADRSHIP& ETHCS SEM TSM 301 1 CR.
 PREREQ: 201
 1394005 MW 4:10-5:00, 1ST HALF

BIORENEWABLE SYSTEMS TSM 325 3 CR.
 PREREQ: ECON 101, CHEM 155 OR HIGHER, MATH 140
 OR HIGHER
 4747005 A TR 2:10-3:30
 4747010 B TR 2:10-3:30
 SECTION B RESTRICTED TO AST MAJORS

ONLY
 4747605 XH ARRANGED BRUMM T
 SECT XH:AUG 24-DEC 18
 FOR PERMISSION TO REGISTER CONTACT

LORI
 YOUNGBERG AT 515-294-7656 OR
 LYOUNG@IASTATE.EDU
 SECTION XH IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:

<http://www.aged.iastate.edu/computer.htm>
 4747600 XW ARRANGED BRUMM T
 SECT XW:AUG 24-DEC 18

BIORENEWABLE SYSTEMS TSM 325 3 CR.
 FOR PERMISSION TO REGISTER CONTACT
 LORI
 YOUNGBERG AT 515-294-7656 OR
 LYOUNG@IASTATE.EDU

SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW
 SECTION INFO:
<http://www.agde.iastate.edu/computer.htm>

ANIM PRODUCTION SYS TSM 327 3 CR.
 PREREQ: 210
 FIELD TRIPS & TRAVEL FEE \$10.00
 1362005 MWF 11:00-11:50

PRECISION FARM SYST TSM 333 3 CR.
 PREREQ: MATH 140 OR 160, JR OR SR CLASSIFICATION
 COURSE RESTRICTED TO AST, I TEC JUNIORS & SENIORS
 CREDIT FOR EITHER TSM 333 OR TSM 433, BUT NOT
 BOTH,
 MAY BE APPLIED TOWARD GRADUATION
 5333005 A MF 2:10-3:00
 W 2:10-4:00

TRACTOR POWER TSM 335 4 CR.
 PREREQ: 210, MATH 142
 COURSE RESTRICTED TO AST AND I TEC SOPHOMORES,
 JUNIORS AND SENIORS
 EQUIPMENT USE AND FIELD TRIPS & TRAVEL FEE \$10.00
 1348005 1 MWF 10:00-10:50
 M 3:10-6:00PM

ADV AUTOMA MFG PROC TSM 340 3 CR.
 PREREQ: 216, 240
 COURSE RESTRICTED TO AST, I TEC MAJORS ONLY
 MATERIALS FEE \$12.00
 4522005 A MW 8:00-8:50
 R 8:00-9:50
 4522010 B MW 8:00-8:50
 F 8:00-9:50

ELECTR FOR AG&INDUS TSM 363 4 CR.
 PREREQ: 210, PHYS 112
 COURSE RESTRICTED TO AST, I TEC MAJORS ONLY
 MATERIALS FEE \$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6831005 A TR 8:00-9:20
 T 12:10-3:00
 6831010 B TR 8:00-9:20
 W 12:10-3:00
 6831015 C TR 8:00-9:20
 W 3:10-6:00PM

LEGAL ASPCT OCC SAF TSM 372 2 CR.
 PREREQ: 272
 5879005 T 6:00-7:00PM
 ARRANGED
 5879600 XW ARRANGED FREEMAN S
 SECT XW:AUG 24-DEC 18
 DELIVERY FEE OF \$198.00 IN ADDITION

TO
 TUITION AND FEES.
 SECTION XW IS OFF CAMPUS.
 DELIVERY IS WWW

TECHNOLOGY SYSTEMS MANAGEMENT

TECHNOLOGY INTERNSHIP TSM 397 R CR.
SATISFACTORY-FAIL ONLY.

PREREQ: AT LEAST 45 CREDITS OF COURSEWORK, IN AST
OR I TEC MAJOR, INTERNSHIP COORDINATOR APPROVAL
***** SEE DEPT FOR REFERENCE NUMBERS

WORK EXPERIENCE TECHNOLOGY TSM 399 2 CR.

PREREQ: 397 AND APPROVAL OF INSTRUCTOR
NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.
COURSE RESTRICTED TO AST, I TEC MAJORS ONLY.
***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONAL SEMINAR TSM 401 1 CR.

PREREQ: 301
COURSE RESTRICTED TO A E, AST, I TEC MAJORS ONLY
9460005 A MW 4:10-5:00
SECT A:1ST HALF

INTRODUCTORY PROB SOLVING TSM 408 3 CR.

PREREQ: JUNIOR OR SENIOR STANDING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5919005 A MW 9:00-11:50
SECT A:1ST 9 WKS

INTRODUCTORY SYSTEMS EFFECTIVE TSM 409 3 CR.

PREREQ: JUNIOR OR SENIOR STANDING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5920010 MTWRF 8:30-5:30
AUG 10-21

TECHNOLOGY CAPSTONE I TSM 415 2 CR.

PREREQ: SENIOR CLASSIFICATION
COURSE RESTRICTED TO AST, I TEC MAJORS ONLY
6830005 M 2:10-3:00
F 8:00-9:50

TECHNOLOGY CAPSTONE II TSM 416 2 CR.

PREREQ: 415
7031005 M 3:10-4:00, ARRANGED

AGRICULTURAL IMPACT WATER QUALITY TSM 424 3 CR.

PREREQ: MATH 140 OR 160; TSM 324 OR AGRON 154
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8997005 TR 9:30-10:50

CELLULOSE LEAN MANUFACTURING SYSTEMS TSM 440 3 CR.

PREREQ: 310, 340
COURSE RESTRICTED TO AST, I TEC SENIORS ONLY
MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00
4536005 A M 12:10-2:00
W 12:10-2:00

FACILITY PLANNING TSM 444 3 CR.

PREREQ: 216 AND 240; STAT 101 OR 104
COURSE RESTRICTED TO AST, I TEC MAJORS ONLY
MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00
4527005 A TR 2:10-3:25

SYSTEM SAFETY ANALYSIS TSM 477 3 CR.

PREREQ: MATH 160, STAT 101 OR 104
COURSE RESTRICTED TO AST, I TEC MAJORS ONLY
6873005 TR 11:00-12:20

TECHNOLOGY SYSTEMS MANAGEMENT

INDEPENDENT STUDY HONORS TSM 490H 1- 4 CR.

PREREQ: JUNIOR OR SENIOR CLASSIFICATION, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY
CONTRACT
AND APPROVAL BY DEPARTMENT
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS
ONLY. NO MORE THAN 4 CREDITS OF TSM 490 MAY BE
USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY MANUFACTURING TSM 490I 1- 4 CR.

PREREQ: JUNIOR OR SENIOR CLASSIFICATION, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY
CONTRACT
AND APPROVAL BY DEPARTMENT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY MACHINERY SYSTEMS TSM 490M 1- 4 CR.

PREREQ: JUNIOR OR SENIOR CLASSIFICATION, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY
CONTRACT
AND APPROVAL BY DEPARTMENT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY OCCUPATIONAL SAFETY TSM 490O 1- 4 CR.

PREREQ: JUNIOR OR SENIOR CLASSIFICATION, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY
CONTRACT
AND APPROVAL BY DEPARTMENT
NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP TSM 491 1- 2 CR.

PREREQ: AGRON 338, ADVANCE APPROVAL AND
PARTICIPATION OF EMPLOYER AND INSTRUCTOR
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1723005 1 ARRANGED KNAPP A
1723010 2 ARRANGED MULLEN R
1723015 3 ARRANGED

WORKSHOP OCCUPATIONAL SAFETY TSM 493G 1- 4 CR.

PREREQ: PERMISSION OF INSTRUCTOR
1354005 ARRANGED
INSTRUCTOR PERMISSION REQUIRED;
PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
WORKSHOP FEE APPLIES

SYSTEM SAFETY ANALYSIS TSM 577 3 CR.

PREREQ: 470, MATH 160, STAT 101 OR 104
6878005 TR 11:00-12:20

TECHNOLOGY SYSTEMS MANAGEMENT

SPL TP ANIM ENV/AIR TSM 590A 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF
 AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL TSM 590C 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF
 AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPC ELECTR TSM 590E 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF
 AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IND MANUFAC TSM 590I 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF
 AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MACHINE SYS TSM 590M 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF
 AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCCUP SAFET TSM 590O 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF
 AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC SOIL&WATER TSM 590S 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
 TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF
 AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH COMM TSM 598 1 CR.
 SATISFACTORY-FAIL ONLY.
 1911005 ARRANGED

CREATIVE COMPONENT TSM 599 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR TSM 601 1 CR.
 4583005 W 4:10-5:00

TEACHING PRACTICUM TSM 694 1- 3 CR.
 1919005 ARRANGED

TECHNOLGY INTERNSHP TSM 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF MAJOR PROFESSOR AND
 APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION
 4646005 ARRANGED

TECHNOLOGY SYSTEMS MANAGEMENT

DOCTORAL TECH COMM TSM 698 1 CR.
 SATISFACTORY-FAIL ONLY.
 1926005 ARRANGED

RESEARCH TSM 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

OVVIEW FASHION IND T C 131 3 CR.
 PREREQ: 131
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
 8338005 1A MWF 2:10-3:00
 SECTION 1A RESTRICTED TO T C, AMDP

MAJORS
 8338010 1B MWF 2:10-3:00
 SEC 1B RESTRICTED TO MAJORS OTHER
 THAN T C, AMDP

DRESS&DIVRSTY SOCIE T C 165 3 CR.
 MATERIALS FEE \$5.00-\$15.00
 MEETS U.S. DIVERSITY REQMT.
 6603005 1 TR 11:00-12:30
 SECTION 1 RESTRICTED TO T C, AMDP

MAJORS ONLY
 6603010 2 TR 11:00-12:30
 SECTN 2 RESTRICTED TO MAJORS OTHER
 THAN T C, AMDP

TEXTILE SCIENCE I T C 204 4 CR.
 PREREQ: 3 CR IN T C
 MATERIALS FEE \$5.00-\$60.00
 6604005 1 ARRANGED, TR 8:00-9:20
 6604010 2 ARRANGED
 TR 9:30-10:50
 SECTION 2 RESTRICTED TO AMDP, T C

MAJORS ONLY
 6604015 3 ARRANGED
 TR 11:00-12:20
 SECTION 3 RESTRICTED TO AMDP, T C

MAJORS ONLY
 COMPUTR APP TEXTL&C T C 210 1 CR.
 PREREQ: 111, 131; CREDIT OR ENROLLMENT IN 245
 COURSE RESTRICTED TO T C, AMDP MAJORS ONLY
 MATERIALS FEE \$35.00-\$75.00
 5087005 1 T 1:10-3:00
 5087010 2 R 1:10-3:00
 5087015 3 R 3:10-5:00

APPARL ASSEMBL PROC T C 221 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 204
 MATERIALS AND PROFESSIONAL SUPPORT FEE
 \$50.00-\$200.00
 6602005 1 M 3:10-4:00
 WF 4:10-6:00PM
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6602010 2 M 3:10-4:00
 TR 8:00-9:50
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6602015 3 M 3:10-4:00
 TR 1:10-3:00
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

TEXTILES & CLOTHING

TEXTILES & CLOTHING

PATTERNMAKING I T C 225 4 CR.

PREREQ: 131, 204, 221, PERMISSION OF INSTRUCTOR
 MATERIALS FEE \$50.00-\$200.00
 6607005 1 MWF 8:00-9:50
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL
 6607010 2 MWF 10:00-11:50
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

PRODUCT DEVELOP&MFG T C 231 4 CR.

PREREQ: 204
 COURSE RESTRICTED TO T C, AMDP MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00

6608005 1 MWF 12:10-1:00
 W 2:10-4:00
 6608010 2 MWF 12:10-1:00
 W 4:10-6:00PM
 6608015 3 MWF 12:10-1:00
 R 2:10-4:00

AESTHETIC&BRAND IMAG T C 245 3 CR.

PREREQ: 131, 165; CREDIT OR ENROLLMENT IN 204
 COURSE RESTRICTED TO T C, AMDP MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$5.00-\$55.00

6609005 1 MWF 10:00-10:50

MUSEUM STUDIES T C 257 3 CR.

PREREQ: SOPHOMORE STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$80.00
 1207005 1A TR 5:00-6:30PM
 SECTION 1A RESTRICTED TO AMDP, T C

MAJORS

SOPHOMORE AND ABOVE

1207010 1B TR 5:00-6:30PM
 SEC 1B RESTRICTED TO MAJORS OTHER

THAN T C, AMDP

FASHION ILLUSTRATN T C 278 3 CR.

PREREQ: 131, 245 OR CONCURRENT ENROLLMENT,
 PERMISSION OF INSTRUCTOR
 MATERIALS FEE \$30.00-\$200.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

6611005 1 MWF 12:10-2:00
 6611010 2 MWF 2:10-4:00

BASC DSN CONCEPT RVW T C 301 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR ENROLLMENT IN 225, 278,
 PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO AMDP, T C MAJORS ONLY
 MATERIALS AND EQUIPMENT USE FEE \$5.00-\$30.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4420005 ARRANGED

TEXTILE&AP QUAL ASSUR T C 305 3 CR.

PREREQ: 231, ONE COURSE IN NATURAL SCIENCE;
 STAT 101, 226 OR 401
 COURSE RESTRICTED TO T C, AMDP MAJORS ONLY
 MATERIALS FEE \$75.00-\$150.00
 6614005 1 MW 10:00-11:50

CPTR INTEGRAT DSIGN T C 321 3 CR.

PREREQ: 321, 325, 326; PERMISSION OF INSTRUCTOR
 MATERIALS FEE \$30.00-\$200.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6605005 1 TR 8:00-10:50

PATTERNMAKING II T C 325 3 CR.

PREREQ: 301, PERMISSION OF INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$50.00-\$200.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7199005 1 MWF 12:10-2:00
 7199010 2 MWF 2:10-4:00

CREATV DSIGN PROCES T C 326 3 CR.

PREREQ: CREDIT OR ENR IN 325, INSTRUCTOR PERMISSN
 MATERIALS FEE \$50.00-\$200.00
 6619005 1 TR 10:00-1:00
 INSTRUCTOR PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

DESIGN SEMINAR T C 328 VAR. CR.

COURSE RESTRICTED TO T C, AMDP MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$200.00
 5692005 TR 1:10-3:00

HIST EUR&N AM DRESS T C 354 3 CR.

PREREQ: 3 CREDITS FROM HISTORY OR ART HISTORY
 MATERIALS FEE \$5.00-\$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

6620005 1 TR 12:40-2:00
 SECTION 1 RESTRICTED TO AMDP, T C

MAJORS ONLY

6620010 2 TR 12:40-2:00
 SECTION 2 IS FOR MAJORS OTHER THAN

AMDP, T C

SOURCNG&GLOBAL ISSU T C 372 3 CR.

PREREQ: 231, AESHM 275. RECOMMEND ECON 101 OR 102
 COURSE RESTRICTED TO AMDP, T C MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00

MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8133005 1 TR 2:10-3:30

MERCH PLAN& CONTROL T C 376 3 CR.

PREREQ: AESHM 275; ACCT 284
 COURSE RESTRICTED TO AMDP, T C MAJORS ONLY
 MATERIALS FEE \$0.00-\$75.00
 6625005 1 MF 3:10-4:00
 W 3:10-5:00
 6625010 2 MF 3:10-4:00
 R 4:10-6:00PM

BRAND MGMT&PROMOTNS T C 377 3 CR.

PREREQ: 245; AESHM 340 OR MKT 340
 COURSE RESTRICTED TO T C, AMDP MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$20.00-\$60.00

6626005 1 MWF 11:00-11:50

TEXTILES & CLOTHING

FIELD STUDY TRIP T C 380B 1- 2 CR.
 PREREQ: 9 CR IN T C, JR CLASSIF, MINIMUM 2.0 GPA,
 PERMISSION BY APPLICATION
 FIELD TRIPS & TRAVEL FEE \$100.00-\$4,000.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN T C 398 R CR.
 PREREQ: PERMISSION OF DEPT CHAIR; JR CLASSIFICATN
 1002005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

TECHNCL DESIGN PROC T C 415 3 CR.
 PREREQ: 231, 301, PERMISSION OF INSTRUCTOR
 MATERIALS FEE \$50.00-\$200.00
 4154005 1 TR 1:10-3:00

CONSUMER BEHAVIOR T C 467 3 CR.
 PREREQ: STAT 101 OR OR 104 OR 226; T C 165
 COURSE RESTRICTED TO T C, AMDP MAJORS ONLY
 MATERIALS FEE \$10.00-\$55.00
 6623005 1 MW 1:10-2:00
 F 12:10-2:00

TEXTILE IND EXPERNC T C 470A 3 CR.
 PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 305
 MATERIALS FEE \$0.00-\$15.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

HIST TXTL&DRESS EXP T C 470B 3 CR.
 PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 6
 CR FROM 257, 354, 356 OR 362; 3 CREDITS IN ANTHR OR
 HIST RECOMMENDED
 MATERIALS FEE \$0.00-\$15.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

TX&APPARL DSIGN EXP T C 470C 3 CR.
 PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIFICATION;
 210, 225, 231, 245; 278 RECOMMENDED
 MATERIALS FEE \$0.00-\$15.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

MERCHANDISING EXPER T C 470I 3 CR.
 PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIF; AESHM 275
 MATERIALS FEE \$0.00-\$15.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPARL PROD MGT EXP T C 470N 3 CR.
 PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 431
 MATERIALS FEE \$0.00-\$15.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNCL DESGN EXPER T C 470O 3 CR.
 PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIFICATION;
 231, 225, 305, 415 AND 431 RECOMMENDED.
 MATERIALS FEE \$0.00-\$15.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

SUPV EXP QUAL ASSUR T C 470Q 3 CR.
 PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 305
 MATERIALS FEE \$0.00-\$15.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

PUBLIC RELAT EXPRNC T C 470T 3 CR.
 PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIFICATION;
 275 AND ADVRT 230; JL MC 220 OR JL MC 305
 MATERIALS FEE \$0.00-\$15.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXPRNC:SOURCNG,GLBL T C 470V 3 CR.
 PREREQ: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIF; T C 372
 ***** SEE DEPT FOR REFERENCE NUMBERS

RETAIL INFO ANALYSI T C 475 3 CR.
 PREREQ: 376
 COURSE RESTRICTED TO T C, AMDP MAJORS ONLY
 MATERIALS FEE \$0.00-\$50.00
 4159005 1 MW 2:10-3:00
 F 10:00-11:50
 4159010 2 MW 2:10-3:00
 F 2:10-4:00

IND STU TEXTILE SCI T C 490A VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST TEXTIL T C 490B VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU TXTL&AP DSN T C 490C VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY AESTHETICS T C 490D VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST COSTUME HIST T C 490E VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

TEXTILES & CLOTHING

IND STU SOC&PSY T C T C 490F VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CONSMR BEHV T C 490G VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS T C 490H VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTR, ADVISER
 AND DEPT CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
 COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MERCHANDSG T C 490I VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CULTR ANALY T C 490K VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU PRODCN MGT T C 490N VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY TECH DESGN T C 490O VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY QUAL ASSUR T C 490Q VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY SMALL BUSI T C 490S VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY P R&PUBLSH T C 490T VAR. CR.
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY PROD DEV T C 490U VAR. CR.
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOURC&GLBL T C 490V VAR. CR.
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR DSIGN STUDIO T C 495 3 CR.
 PREREQ: 301,321,325,326, INSTRUCTOR PERMISSION
 MATERIALS FEE \$50.00-\$200.00
 3914005 1 TR 3:10-6:00PM
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

FASHN FORCAST&PRODC T C 496 3 CR.
 PREREQ: 231, 245, AESHM 275
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$50.00-\$100.00
 4507005 1 TR 3:40-5:00

COOPERATIVE EDUCATN T C 498 R CR.
 PREREQ: PERMISSION OF DEPT CHAIR; SR CLASSIFICATN
 1003005 ARRANGED

UNDERGRAD RESEARCH T C 499 1- 3 CR.
 PREREQ: SENIOR CLASSIFICATN, 15 CREDITS IN T C,
 PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

QUAL ASSUR TEXTL&AP T C 505 3 CR.
 PREREQ: 231, STAT 226 OR 401;
 ONE NATURAL SCIENCE COURSE
 MATERIALS FEE \$75.00-\$150.00
 6648005 1 MW 10:00-11:50

FND SCHOLRSH IN T C T C 510 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 CONCURRENT ENROLLMENT IN T C 611 IS REQUIRED
 6649005 1 T 6:00-9:00PM

DESIGN SEMINAR T C 528 1- 3 CR.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$10.00-\$200.00
 5768005 TR 1:10-3:00

TEXTILES & CLOTHING

TEXTILES & CLOTHING

TEXTIL CONSERVATION T C 557 3 CR.
 PREREQ: 204; 354, 355, OR 362
 FIELD TRIPS & TRAVEL FEE \$20.00-\$80.00
 6656005 1 MW 12:10-2:00
 ARRANGED

CONSUMR BEHAV&APPAR T C 567 3 CR.
 PREREQ: 467 OR MKT 447; STAT 401
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$65.00
 3255005 1 TR 9:30-10:50

PRACTCM T C TEACHNG T C 570A VAR. CR.
 PREREQ: 510, 6 GRAD CREDITS IN T C, PERMISSION
 OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 1-3 CREDITS FALL 2009
 MATERIALS FEE \$0.00-\$15.00
 6660005 ARRANGED

SPL TOP TEXTILE SCI T C 590A VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST TEXTIL T C 590B VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN T C 590C VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC AESTHETICS T C 590D VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST COSTUM T C 590E VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOC-PSY ASP T C 590F VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSMR BEHV T C 590G VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANDSNG T C 590I VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP CULTUR ANALY T C 590K VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSERVATN T C 590L VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS MUSEUMS T C 590M VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRODUCN MGT T C 590N VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TECH DESGN T C 590O VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP T C 590P VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC QUAL ASSUR T C 590Q VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SMALL BUSIN T C 590S VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP P R &PUBLSH T C 590T VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRODUCT DEV T C 590U VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP GLB ISS&SRC T C 590V VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 MATERIALS AND EQUIPMENT USE FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR T C 611 1- 3 CR.
 PREREQ: 6 GRAD CR IN T C. PERMISSN OF INSTRUCTOR
 CONCURRENT ENROLLMENT IN T C 510 IS REQUIRED
 MATERIALS FEE \$50.00-\$200.00
 7668005 1 T 6:00-6:50PM

ADVANCED TOPICS T C 690 VAR. CR.
 PREREQ: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSN
 OF INSTRUCTOR, AND APPROVAL OF D.O.G.E.
 MATERIALS FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

RESEARCH T C 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE

INTR PERFORMNG ARTS THTRE 106 3 CR.
 6729005 MWF 9:00-9:50

THEATRE AND SOCIETY THTRE 110 3 CR.
 1103005 A TR 9:30-10:50
 1103010 B TR 11:00-12:15

CONCERT&THTRE DANCE THTRE 224 .5- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: BY AUDITION ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6731005 1 ARRANGED
 SECTION 1 OFFERED FOR .5 CREDIT ONLY
 6731010 2 ARRANGED
 SECTION 2 OFFERED FOR 1 CREDIT ONLY
 6731015 3 ARRANGED
 SECTION 3 OFFERED FOR 2 CREDITS ONLY

THEATRE PRACTICUM THTRE 250 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 6732005 M 5:10-6:00PM
 ARRANGED

ACTING I THTRE 251 3 CR.
 6733005 A MWF 2:10-3:00
 6733010 B MWF 11:00-11:50
 6733015 C MWF 1:10-2:00
 6733020 D MWF 10:00-10:50
 6733025 E TR 11:00-12:15
 SECTION E RESTRICTED TO PERF MAJORS
 ONLY

INTR THEATRICAL PROD THTRE 255 4 CR.
 6734005 A MWF 1:10-2:00
 M 2:10-5:00
 6734010 B MWF 1:10-2:00
 R 2:10-5:00
 6734015 C MWF 1:10-2:00
 W 2:10-5:00
 6734020 D MWF 1:10-2:00
 F 2:10-5:00

SCRIPT ANALYSIS THTRE 263 3 CR.
 6763005 MWF 11:00-11:50

SPECIAL PROJECTS THTRE 290 1- 3 CR.
 PREREQ: 3 CREDITS IN THEATRE; PERMISSION OF
 INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSICAL THEATRE I THTRE 354 3 CR.
 PREREQ: 251 OR MUSIC 232 OR 3 CREDITS IN DANCE
 3130005 A TR 9:30-10:50

THEATRE

STAGE MAKE-UP THTRE 357 2 CR.
 6739005 A W 2:10-5:00, ARRANGED

ORAL INTERPRETATION THTRE 358 3 CR.
 6740005 A MWF 1:10-2:00
 6740010 B TR 12:40-2:00

THEATRICAL DESIGN I THTRE 365 3 CR.
 PREREQ: 255
 7919005 MWF 10:00-10:50

ACTING III THTRE 451 3 CR.
 PREREQ: 351 AND PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO PERF MAJORS ONLY.
 MINORS OBTAIN SIGNATURE OF INSTRUCTOR - PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL.
 6760005 TR 2:10-3:25

DIRECTING I THTRE 455 3 CR.
 PREREQ: 255; 263; 251 RECOMMENDED
 6747005 TR 12:40-2:00

HIST OF THEATRE I THTRE 465 3 CR.
 PREREQ: HIST 201 OR EQUIVALENT
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6748005 TR 11:00-12:15

ADV THTRE PRACTICUM THTRE 469 1- 3 CR.
 PREREQ: 9 CR IN THEATRE COURSES, JR CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CR.
 PREREQ: 9 CREDITS IN THEATRE, APPROVED WRITTEN
 PROPOSAL, JUNIOR CLASSIFICATION
 NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY THTRE 490H 1- 3 CR.
 PREREQ: 9 CREDITS IN THEATRE, JR CLASSIFICATION,
 PERMISSION OF DEPT CHAIR
 7246005 ARRANGED

THEATRE INTERNSHIP THTRE 499 1- 8 CR.
 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

SEM DSN&TECHNC THTR THTRE 504D 1- 3 CR.
 PREREQ: 9 CREDITS IN THEATRE
 COURSE ONLY OFFERED FOR 3 CREDITS FALL 2009
 2634005 TR 12:40-2:00

SPECIAL TOPICS THTRE 590 1- 4 CR.
 PREREQ: APPROVED WRITTEN PROPOSAL
 PERMISSION OF DEPARTMENT CHAIR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

FOOD MICROBIOLOGY TOX 420 3 CR.
 PREREQ: MICRO 201 OR 302
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6765005 MWF 10:00-10:50

PRIN OF TOXICOLOGY TOX 501 3 CR.
 PREREQ: BBMB 404 OR EQUIVALENT
 6767005 TR 2:10-3:30

TOXICOLOGY SEMINAR TOX 504 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7126005 T 4:10-5:00

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CR.
 PREREQ: DVM DEGREE OR 526
 1231005 ARRANGED OSWEILER G

METHDS BIOSTATISTICS TOX 565 3 CR.
 PREREQ: STAT 500 OR 401; STAT 543 OR 447
 4103005 TR 8:00-9:20

AG&VET RISK ASESMENT TOX 570 3 CR.
 PREREQ: STAT 104 OR CONSENT OF INSTRUCTOR
 1776005 TR 12:40-2:00 WOLT J

CELL BIOLOGY TOX 575 3 CR.
 PREREQ: 10 CREDITS IN BIOLOGICAL SCIENCE OR
 PERMISSION OF INSTRUCTOR
 8026005 MW 1:10-2:25

SPECIAL TOPICS TOX 590 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INSECTICIDE TOXICOL TOX 675 3 CR.
 PREREQ: ENT 555 OR TOX 501
 6783005 MW 10:00-10:50
 F 10:00-1:00

GRAD RESEARCH ROTAT TOX 697 1-12 CR.
 PREREQ: ADMISSION TO TOX GRADUATE PROGRAM
 8363005 ARRANGED

RESEARCH TOX 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TRANSPORTATION

TRANSP RSRCH METHDS TRANS 555 3 CR.
 PREREQ: C E 350 OR 355
 1956005 1 ARRANGED
 SECTION INFO:
<http://www.ctre.iastate.edu/educweb/tr555/>

RESEARCH TRANS 699 VAR. CR.
 6787005 ARRANGED

UNIVERSITY STUDIES

CARVER FRSHMN SEMNR U ST 105 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ACCEPTANCE IN CARVER ACADEMY PROGRAM,
 GEORGE WASHINGTON CARVER SCHOLARSHIP RECIPIENT
 MEETS U.S. DIVERSITY REQMT.
 2884005 1 M 10:00-10:50
 2884010 2 T 10:00-10:50
 2884015 3 R 10:00-10:50
 2884020 4 W 10:00-10:50

UNIVERSITY STUDIES

HIXSON SCHOLAR SEMN U ST 111 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: RECIPIENT OF THE HIXSON OPPORTUNITY AWARD
 SELECTION AS A HIXSON SCHOLAR REQUIRED
 5062005 1 M 6:15-7:15PM
 W 10:00-10:50
 5062010 2 M 6:15-7:15PM
 W 10:00-10:50
 5062015 3 M 6:15-7:15PM
 W 2:10-3:00
 5062020 4 M 6:15-7:15PM
 W 2:10-3:00
 5062025 5 M 6:15-7:15PM
 R 10:00-10:50
 5062030 6 M 6:15-7:15PM
 R 10:00-10:50
 5062035 7 M 6:15-7:15PM
 R 2:10-3:00
 5062040 8 M 6:15-7:15PM
 R 2:10-3:00

MVP SEMINAR U ST 115 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: RECIPIENT OF MVP AWARD
 7032005 1 W 10:00-10:50
 SECTION 1: SELECTION FOR MVP AWARD
 REQUIRED
 7032010 2 W 10:00-10:50
 SECTION 2: SELECTION FOR MVP AWARD
 REQUIRED
 7032015 3 W 2:10-3:00
 SECTION 3: SELECTION FOR MVP AWARD
 REQUIRED
 7032020 4 W 2:10-3:00
 SECTION 4: SELECTION FOR MVP AWARD
 REQUIRED
 7032025 5 R 10:00-10:50
 SECTION 5: SELECTION FOR MVP AWARD
 REQUIRED
 7032030 6 R 10:00-10:50
 SECTION 6: SELECTION FOR MVP AWARD
 REQUIRED
 7032035 7 R 2:10-3:00
 SECTION 7: SELECTION FOR MVP AWARD
 REQUIRED
 7032040 8 R 2:10-3:00
 SECTION 8: SELECTION FOR MVP AWARD
 REQUIRED
 7032045 9 M 4:10-5:00
 SECTION 9 FOR SCIENCE BOUND SCHOLARS
 ONLY

GENDER JUSTICE U ST 160 1 CR.
 SATISFACTORY-FAIL ONLY.
 MEETS U.S. DIVERSITY REQMT.
 6493005 1 M 9:00-10:50
 SECT 1:2ND HALF
 6493010 2 T 2:10-4:00
 SECT 2:2ND HALF
 6493015 3 W 2:10-4:00
 SECT 3:2ND HALF
 6493020 4 F 10:00-11:50
 SECT 4:2ND HALF
 6493025 5 R 2:10-4:00
 SECT 5:2ND HALF
 6493030 6 T 2:10-4:00
 SECT 6:2ND HALF

LEADERSHIP ISU U ST 170 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO FRESHMEN AND SOPHOMORES ONLY
 8008005 1 ARRANGED

UNIVERSITY STUDIES

VET DIAGNOSTIC & PRODUCTION AN
MED

CARVER SEM:PEER MNT U ST 205 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 106
MEETS U.S. DIVERSITY REQMT.
4183005 1 W 12:10-1:00
4183010 2 R 12:40-1:30

INDEPN D STUDY N CORE U ST 290N 3 CR.
PREREQ: SELECTION AS AN N CORE STUDENT SCHOLAR,
ATTENDANCE AT N CORE. PERMISSION OF THE ASSOCIATE
PROVOST FOR ACADEMIC PROGRAMS.
MEETS U.S. DIVERSITY REQMT.
7227005 1 R 3:10-5:00, ARRANGED
SPECIAL APPLICATION REQUIRED

MCNAIR SCHLR ORIENT U ST 301 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: NEW FALL ADMIT TO THE RONALD E. MCNAIR
POSTBACCALAUREATE ACHIEVEMENT PROGRAM
6475005 1 M 6:00-8:00PM

CARVER:CMUNT LEADRS U ST 305 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: INTENDED PRIMARILY FOR JUNIORS
4185005 1 ARRANGED

LEADRSHP SEMINAR II U ST 312A 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 311
3091005 1 M 4:10-5:00
3091030 HX ARRANGED

MCNAIR:DATA COLLCTN U ST 401 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: 302
6491005 1 M 4:10-6:00PM

CARVER SEMN:FELLOWS U ST 405 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: INTENDED PRIMARILY FOR SENIORS
4210005 1 ARRANGED

INDEPENDENT STUDY U ST 490 VAR. CR.
PREREQ: PERMISSION OF THE ASSOCIATE PROVOST
PERMISSION OF THE ASSOCIATE PROVOST REQUIRED
DEPARTMENT PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS U ST 590 VAR. CR.
PREREQ: PERMISSION OF GRADUATE COLLEGE
8502002 1 ARRANGED
8502004 2 ARRANGED
8502006 3 ARRANGED
8502008 4 ARRANGED
8502010 5 ARRANGED
8502012 6 ARRANGED

CLINICAL FNDATION I VDPAM 340 1 CR.
PREREQ: CLASSIFICATION IN VET MED
4872005 1 ARRANGED
4872010 2 ARRANGED
SECTION 2 FOR VM NE STUDENTS ONLY

ADV DAIRY INFORMTCS VDPAM 402 2 CR.
PREREQ: 309 OR PERMISSION OF INSTRUCTOR
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2547005 A ARRANGED GORDEN P
INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
2547010 B ARRANGED GORDEN P
INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
2547015 C ARRANGED GORDEN P
INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
2547020 D ARRANGED GORDEN P
INSTRUCTOR PERMISSION REQUIRED;

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

VET PRAC ENTREPREN R VDPAM 414 2 CR.
7216005 ARRANGED

BOVIN REPROD EV LAB VDPAM 416 1 CR.
PREREQ: 3RD-YEAR CLASSIFICATION IN VET MED
5110005 A M 1:10-5:00 HOPKINS S
SECT A:2ND HALF
5110010 B W 1:10-5:00 HOPKINS S
SECT B:2ND HALF
5110015 C F 1:10-5:00 HOPKINS S
SECT C:2ND HALF

ADV SWI PRD INFMTCS VDPAM 419 1 CR.
PREREQ: 309
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8709005 M 12:10-1:00 HOLTkamp D

PRECPTRSP V MED PRA VDPAM 420 1- 6 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
9072005 ARRANGED THOMPSON J
9072010 G ARRANGED

BEEF RECORDS ANALYS VDPAM 436 1- 2 CR.
PREREQ: 1ST, 2ND OR 3RD YEAR CLASSIF IN VET MED
OR PERMISSION OF INSTRUCTOR
COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009.
RESTRICTED TO VET MED STUDENTS YEARS 1-4.
4535005 1 ARRANGED ENGELKEN T
4535010 2 ARRANGED ENGELKEN T

DAIRY HERD PROBL ID VDPAM 437 2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
6425005 ARRANGED GORDEN P

MASTITIS PROB INVSTG VDPAM 438 2 CR.
PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
6861005 ARRANGED GORDEN P

VET DIAGNOSTIC & PRODUCTION AN MED

VET DIAGNOSTIC & PRODUCTION AN MED

COW&CALF PROB:NUTRI VDPAM 439 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATON IN VET MED
 6422005 ARRANGED GORDEN P

INTRO TO CLINICS VDPAM 440 R CR.
 PREREQ: 3RD-YEAR CLASSIFICATION IN VET MED
 COURSE RESTRICTED TO THIRD-YEAR AND FOURTH-YEAR
 VET MED STUDENTS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6862008 1 W 2:10-4:00
 SECT 1:1ST HALF
 6862013 2 F 2:10-4:00
 SECT 2:1ST HALF
 6862018 3 M 2:10-4:00
 SECT 3:1ST HALF
 6862020 4 T 2:10-4:00
 SECT 4:1ST HALF
 6862025 5 R 2:10-4:00
 SECT 5:1ST HALF
 6862030 6 W 2:10-4:00
 SECT 6:2ND HALF
 6862035 7 F 2:10-4:00
 SECT 7:2ND HALF
 6862040 8 M 2:10-4:00
 SECT 8:2ND HALF
 6862045 9 T 2:10-4:00
 SECT 9:2ND HALF
 6862050 10 R 2:10-4:00
 SECT 10:2ND HALF

DISTURB OF REPRODUC VDPAM 450 4 CR.
 PREREQ: 3RD-YEAR CLASSIFICATION IN VET MED
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6872005 MTRF 10:00-10:50

CLIN EMBRYO TRANSFR VDPAM 451 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 4334005 MTWRF 8:00-5:00 WEST J

DIAGNOS LAB PRACTCM VDPAM 455 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
 6876005 MTWRFS 8:00-5:00 SCHWARTZ K

VET DIAGN LAB MTHDS VDPAM 456 1 CR.
 PREREQ: SECOND YEAR CLASSIFICATION IN VET MED
 8703005 W 7:00-7:50 SCHWARTZ K

FOOD ANIM FIELD SRV VDPAM 476 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 OR PERMISSION OF INSTRUCTOR
 8725005 MTWRFS 8:00-12:00 LEUSCHEN B
 MTWRF 1:10-5:00 LEUSCHEN B

FOOD ANIM MED &SURG VDPAM 477 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 6909005 MTWRFS 8:00-5:00 KERSTING K

APPL SWINE PROD MED VDPAM 479 1- 6 CR.
 PREREQ: 310
 5454005 ARRANGED KARRIKER L
 PERMISSION OF INSTRUCTOR REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 2270A VET MED

SWINE PRODUCTN MED VDPAM 480 2 CR.
 PREREQ: 310 OR PERMISSION OF INSTRUCTOR
 5572005 ARRANGED KARRIKER L

APP BEEF MD WITH VT VDPAM 482A 1- 6 CR.
 PREREQ: 310
 6598005 ARRANGED ENGELKEN T
 PERMISSION OF INSTRUCTOR REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 2270A VET MED

APP MED BULL BREEDI VDPAM 482B 1- 6 CR.
 PREREQ: 310
 6610005 ARRANGED ENGELKEN T
 PERMISSION OF INSTRUCTOR REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 2270A VET MED

APPLIED MED CALVING VDPAM 482C 1- 6 CR.
 PREREQ: 310
 6621005 ARRANGED ENGELKEN T
 PERMISSION OF INSTRUCTOR REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 2270A VET MED

APP MD BF FEEDL MGT VDPAM 482D 1- 6 CR.
 PREREQ: 310
 6629005 ARRANGED ENGELKEN T
 PERMISSION OF INSTRUCTOR REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 2270A VET MED

APP BF MED WEAN MGT VDPAM 482E 1- 6 CR.
 PREREQ: 310
 6653005 ARRANGED ENGELKEN T
 PERMISSION OF INSTRUCTOR REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 2270A VET MED

APP BF MD PREG EXAM VDPAM 482F 1- 6 CR.
 PREREQ: 310
 6694005 ARRANGED ENGELKEN T
 PERMISSION OF INSTRUCTOR REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 2270A VET MED

APP MED BOVIN REPRO VDPAM 482G 1- 6 CR.
 PREREQ: 310
 6697005 ARRANGED ENGELKEN T
 PERMISSION OF INSTRUCTOR REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 2270A VET MED

APP MD BF FEEDL MGT VDPAM 482I 1- 6 CR.
 PREREQ: 310
 7185005 ARRANGED SWEIGER S
 PERMISSION OF INSTRUCTOR REQUIRED;
 PROCESS
 APPROVED ADD SLIP IN 2270A VET MED

BEEF PRODUCTION MED VDPAM 483 2 CR.
 PREREQ: 310
 5562005 MTWRFS 8:00-11:50 SWEIGER S
 MTWRF 1:10-5:00 SWEIGER S

VET DIAGNOSTIC & PRODUCTION AN MED

DAIRY PRODUCTN MED VDPAM 484 2 CR.
 PREREQ: 310, 4TH-YEAR CLASSIFICATION IN VET MED
 5609005 MTWRF 8:00-11:50 GORDEN P
 MTWRF 1:10-5:00 GORDEN P

APP DAIRY PRODU MED VDPAM 485 1- 6 CR.
 PREREQ: 484
 5431005 ARRANGED GORDEN P
 PERMISSION OF INSTRUCTOR REQUIRED;
 PROCESS APPROVED ADD SLIP IN 2270A VET MED

LVSTK DISEAS PREVNT VDPAM 487 3 CR.
 6952005 TR 11:00-12:30 BAKER R

CLINIC MICROBIO LAB VDPAM 488 1 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6950005 MTWRF 8:30-11:30 KINYON J

INDEPENDENT STUDY VDPAM 490 1- 5 CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV RUMINANT NUTRIT VDPAM 491 3 CR.
 PREREQ: 350 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3991005 ARRANGED GORDEN P

ADV SM RUMN PROD MD VDPAM 495X 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN VET MED,
 VDPAM 486 OR PERMISSION OF INSTRUCTOR
 8591005 MTWRF 8:00-12:00
 MTWRF 1:10-5:00
 DEC 7-18

INT'L PRECEPTORSHIP VDPAM 496 1-12 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN VET MED
 7848005 ARRANGED

VET PRAC ENTREPRENR VDPAM 514 2 CR.
 PREREQ: GRADUATE VETERINARIAN
 8890005 ARRANGED

STAT MTHD POPUL STU VDPAM 527 3 CR.
 PREREQ: STAT 401
 8100005 ARRANGED WANG C

INTRO DNA TECHNIQS VDPAM 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7389005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:AUG 25-SEPT 24

INTRO CELL TECHNIQS VDPAM 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7400005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:NOV 3-DEC 10

VET DIAGNOSTIC & PRODUCTION AN MED

INTR PROTEOMCS TCNQ VDPAM 542E 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7412005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:SEPT 29-OCT 29

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CR.
 PREREQ: DVM DEGREE OR 526
 7676005 ARRANGED OSWEILER G

ADV VET DIAGNOS LAB VDPAM 551 1- 3 CR.
 PREREQ: 455
 4233005 ARRANGED OPRIESSNIG T

AG&VET RISK ASEMNT VDPAM 570 3 CR.
 PREREQ: STAT 104 OR PERMISSION OF INSTRUCTORS
 8558005 TR 12:40-2:00 WOLT J

SPECIAL TOPICS VDPAM 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP VDPAM 596 1-12 CR.
 PREREQ: ADMISSION TO GRADUATE COLLEGE
 7868005 ARRANGED

CREATIVE COMPONENT VDPAM 599 VAR. CR.
 PREREQ: ENROLLMENT IN NONTHESIS MASTER'S DEGREE
 PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH VDPAM 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES

VET IN SOCIETY I V C S 311 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
 6002005 F 9:00-9:50

VET IN SOCIETY III V C S 313 1 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN VET MED
 6064005 T 8:00-9:50

VET IN SOCIETY IV V C S 314 1 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN VET MED
 6066005 M 9:00-9:50

CLINICL FOUNDATNS I V C S 339 1 CR.
 PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
 8079005 1 F 11:00-11:50
 T 9:00-10:50
 8079010 2 F 11:00-11:50
 R 9:00-10:50

SEMINAR V C S 385 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CLASSIFICATION IN VETERINARY MEDICINE
 7446005 F 8:00-8:50

VETERINARY CLINICAL SCIENCES

CLINICAL IMAGING I V C S 391 1 CR.
 PREREQ: FIRST-YEAR CLASSIFICATION IN V MED
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6868005 1 W 2:10-3:00
 6868010 2 F 2:10-3:00

PRINCIP OF SURGERY V C S 393 3 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN V MED
 MATERIALS AND EQUIPMENT USE FEE \$100.00
 6869005 1 M 11:00-11:50
 T 10:00-10:50
 F 8:00-8:50
 T 1:10-2:30
 THE TUESDAY LECTURE WILL NOT MEET IN

WEEKS WHEN

LAB IS HELD
 6869010 2 M 11:00-11:50
 T 10:00-10:50
 F 8:00-8:50
 T 3:10-4:30
 THE TUESDAY LECTURE WILL NOT MEET IN

WEEKS WHEN

LAB IS HELD

CLINICAL CARDIOLOGY V C S 402 1 CR.
 PREREQ: 3RD OR 4TH YEAR CLASSIFICATION IN VET MED
 CREDIT OR ENROLLMENT IN V C S 444
 6871005 WR 12:10-1:00
 2ND HALF

FELINE INTERNAL MED V C S 407 1 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
 6875005 T 12:10-1:00

ADV SML AN DERMATOL V C S 415 2 CR.
 PREREQ: THIRD OR FOURTH-YR CLASSIFICATN IN V MED
 7778005 T 2:10-3:00
 R 2:10-4:00

PRECEPTOR COMPAN/EQ V C S 419 2- 6 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED,
 PERMISSION OF DEPARTMENT CHAIR
 1664005 ARRANGED
 PROCESS APPROVED ADD SLIP IN 2270A

VET MED

DEPARTMENT PERMISSION REQUIRED;

PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

DIS NONTRADIT SPECI V C S 421 1 CR.
 PREREQ: 2ND, 3RD, OR 4TH YR CLASSIF IN V MED
 6879005 ARRANGED, 2ND HALF

SM ANIM INTERNL MED V C S 436 3 CR.
 PREREQ: 3RD YR CLASSIFICATION IN VET MED
 3915005 TWR 9:00-9:50

INTRO TO CLINICS V C S 440 R CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
 MUST ALSO BE CONCURRENTLY ENROLLED IN SAME
 SECTION NUMBER OF 449. RESTRICTED TO THIRD-YEAR
 AND FOURTH-YEAR VET MED STUDENTS.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

6880008 1 W 2:10-4:00
 SECT 1:1ST HALF
 6880013 2 F 2:10-4:00
 SECT 2:1ST HALF
 6880018 3 M 2:10-4:00
 SECT 3:1ST HALF

INTRO TO CLINICS V C S 440 R CR.
 6880020 4 T 2:10-4:00
 SECT 4:1ST HALF
 6880025 5 R 2:10-4:00
 SECT 5:1ST HALF
 6880030 6 W 2:10-4:00
 SECT 6:2ND HALF
 6880035 7 F 2:10-4:00
 SECT 7:2ND HALF
 6880040 8 M 2:10-4:00
 SECT 8:2ND HALF
 6880045 9 T 2:10-4:00
 SECT 9:2ND HALF
 6880050 10 R 2:10-4:00
 SECT 10:2ND HALF

SMALL ANIMAL MED V C S 444 4 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
 RESTRICTED TO THIRD-YEAR AND FOURTH-YEAR
 VET MED STUDENTS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6883005 1 MTR 8:00-8:50
 WF 9:00-9:50

EQUINE MEDICINE V C S 445 2 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO THIRD- AND FOURTH-YEAR VET
 MED STUDENTS ONLY
 6884005 TR 1:10-2:00

CLINICAL NEUROLOGY V C S 446 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
 COURSE RESTRICTED TO THIRD-YEAR VET MED STUDENTS
 5112005 MTWRF 8:00-5:00

SURG LAB NEU H SOCI V C S 449A 3 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO THIRD-YEAR AND FOURTH-YEAR
 VET MED STUDENTS
 MATERIALS AND EQUIPMENT USE FEE \$400.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7010008 1 W 11:00-11:50
 F 1:10-6:00PM

TRADITIONL SURG LAB V C S 449B 3 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
 MUST ALSO BE CONCURRENTLY ENROLLED IN SAME
 SECTION NUMBER OF V C S 440. RESTRICTED TO
 THIRD-YEAR AND FOURTH-YEAR VET MED STUDENTS.
 MATERIALS AND EQUIPMENT USE FEE \$400.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7662005 1 W 11:00-11:50
 M 1:10-6:00PM
 7662010 2 W 11:00-11:50
 W 1:10-6:00PM
 7662015 3 W 11:00-11:50
 F 1:10-6:00PM

VETERINARY CLINICAL SCIENCES

VETERINARY CLINICAL SCIENCES

DISTURB OF REPRODUC V C S 450 4 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6888005 MTRF 10:00-10:50

CLINICL DERMATOLOGY V C S 452 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 SMALL ANIMAL OPTION
 1931005 MTWRF 8:00-5:00

SMALL ANIMAL MED I V C S 453 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 6889005 MTWRF 8:00-5:00

SMALL ANIMAL MED II V C S 454 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 6890005 MTWRF 8:00-5:00

SM AN SOFT TISS SUR V C S 455 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 6891005 MTWRF 8:00-5:00

SM AN ORTHOPED SURG V C S 456 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 6892005 MTWRF 8:00-5:00

EQUINE MEDICINE V C S 457 4 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 6893005 MTWRF 8:00-5:00

EQUINE SURGERY V C S 458 4 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 6894005 MTWRF 8:00-5:00

SM AN OVERPOP OMAHA V C S 459A 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 4050005 ARRANGED

SM AN OVERPOP D.M. V C S 459B 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 4107010 ARRANGED
 DES MOINES

SM AN OVERPOP K.C. V C S 459C 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 4313015 ARRANGED
 KANSAS CITY

RADIOLOGY V C S 460 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 6896005 MTWRF 8:00-5:00

COMMUNITY PRACTICE V C S 463 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN VET MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 2322005 MTWRF 8:00-5:00

EQUINE FIELD SERVIC V C S 464 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 4247005 MTWRF 8:00-5:00

FARRIER V C S 465 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED,
 457, 458
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 7756005 MTWRF 8:00-5:00

VET ANESTHESIOLOGY V C S 466 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 6898005 MTWRF 8:00-5:00

INTENSIVE CARE V C S 468 4 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 6900005 ARRANGED

OPHTHALMOLOGY V C S 469 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 6901005 MTWRF 8:00-5:00

RADIOLOGY V C S 470 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED,
 460 RECOMMENDED
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE REPRODUCTION V C S 471E VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN VET MED
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM REPRODUCTN V C S 471S VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN VET MED
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SMALL ANIMAL MED V C S 472 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURG ORTHO V C S 473O 1 CR.
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES

SML AN SURG SOF TIS V C S 473S 1 CR.
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE MEDICINE V C S 474M VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE SURGERY V C S 474S VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET ANESTHESIOLOGY V C S 476 1- 3 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE ONLY OFFERED FOR 1 CREDIT FALL 2009
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPHTHALMOLOGY V C S 479 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED, VCS
 469
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY DENTISTRY V C S 480 1 CR.
 PREREQ: THIRD OR FOURTH-YR CLASSIFICATION IN V MED
 2247005 T 5:10-7:00PM
 1ST HALF

ADV SM AN ORTHO SUR V C S 4830 2 CR.
 PREREQ: VM4 CLASSIFICATION AND V C S 473
 2972005 ARRANGED

ADV SM AN SOFT SURG V C S 483S 2 CR.
 PREREQ: VM4 CLASSIFICATION AND V C S 473
 3076005 ARRANGED

INDEPENDENT STUDY V C S 490 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS V C S 490H 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 COURSE RESTRICTED TO STUDENTS IN THE UNIVERSITY
 HONORS PROGRAM ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR V C S 495 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FOURTH-YEAR VET MED STUDENTS
 6914005 F 8:00-8:50

VETERINARY CLINICAL SCIENCES

INT'L PRECEPTORSHIP V C S 496 1-12 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN VET MED
 6094005 A ARRANGED

SPL TOPICS MEDICINE V C S 590A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY V C S 590B 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP THERIOGENOL V C S 590C 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC RADIOLOGY V C S 590D 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOG V C S 590E 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CR.
 PREREQ: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
 6920005 ARRANGED

SEMINAR V C S 604 1 CR.
 6921005 ARRANGED

ADVANCED RADIOLOGY V C S 640 2 CR.
 PREREQ: 448
 6922005 ARRANGED

ADV GENERAL SURGERY V C S 671 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6925005 ARRANGED

ADV SPECIAL SURGERY V C S 672 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6926005 ARRANGED

ADVANCED MEDICINE V C S 676 2 CR.
 PREREQ: 445
 6927005 ARRANGED

ADVANCED MEDICINE V C S 677 2 CR.
 PREREQ: 445
 6928005 ARRANGED

VETERINARY CLINICAL SCIENCES

RESEARCH MEDICINE V C S 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY V C S 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH THERIOGENOLGY V C S 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLOGY V C S 699E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED

VETNRY MICROBIOLOGY V MPM 386 5 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO FIRST-YEAR THROUGH
 FOURTH-YEAR VET MED STUDENTS ONLY

6942010 1 MWF 9:00-9:50
 MW 3:10-4:30
 F 1:10-2:30

6942015 2 MWF 9:00-9:50
 MW 1:10-2:30
 F 10:00-11:30

DIS CAPTV WILD ANML V MPM 409 1 CR.
 PREREQ: SECOND YEAR CLASSIFICATION IN VET MED

8783005 T 5:30-7:30PM
 1ST HALF

PUBLIC HEALTH LAB V MPM 486 1 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED

6951005 MTWRF 2:10-5:00

INDEPENDENT STUDY V MPM 490 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED

***** SEE DEPT FOR REFERENCE NUMBERS

CDC EPIDEM PRECEPTR V MPM 491 6 CR.
 1885005 ARRANGED

ZOO PRECEPTORSHIP V MPM 494 1- 8 CR.
 PREREQ: FOURTH YEAR CLASSIFICATION IN V MED

***** SEE DEPT FOR REFERENCE NUMBERS

MEDICAL IMMUNOLGY I V MPM 520 4 CR.
 PREREQ: MICRO 310 OR V MPM 386, 3 CR IN BIOCHEM
 CREDIT FOR EITHER V MPM 520 OR MICRO/V MPM 575,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

6955005 1 ARRANGED

INTRO DNA TECHNIQS V MPM 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION

4278005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:AUG 25-SEPT 24

VETERINARY MICROBIOLOGY & PREV MED

INTRO CELL TECHNIQS V MPM 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION

4280005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:NOV 3-DEC 10

INTR PROTEOMCS TCNQ V MPM 542E 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION

4379005 1 TR 1:10-2:00
 TR 2:10-4:00
 SECT 1:SEPT 29-OCT 29

MEDICL BACTERIOLOGY V MPM 586 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR

9271005 A MTW 9:00-9:50
 ARRANGED

MED BACTERIOLOGY LAB V MPM 586L 2 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 586 OR 625

7378005 MWF 1:10-2:30

SPECIAL TOPICS V MPM 590 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V MPM 599 VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY

7307005 ARRANGED

SEMINAR V MPM 604 1 CR.
 SATISFACTORY-FAIL ONLY.

6770005 A R 4:10-5:00

CURR TOPICS IMMUNOL V MPM 690A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

CURR TOP INFECT DIS V MPM 690B 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 2 CREDITS FALL 2009
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH V MPM 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY

ANATOMIC PATHOL II V PTH 372 4 CR.
 PREREQ: 342

7675005 1 MWR 10:00-10:50 HAYNES J
 MW 1:10-2:30 HAYNES J

7675010 2 MWR 10:00-10:50 HAYNES J
 MW 3:10-4:30 HAYNES J

VETERINARY PATHOLOGY

VETERINARY PATHOLOGY

VET PARASITOLOGY V PTH 376 4 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN VET MED
 6999005 1 TWR 11:00-11:50 JARVINEN J
 TR 1:10-2:30 JARVINEN J
 6999010 2 TWR 11:00-11:50 JARVINEN J
 TR 3:10-4:30 JARVINEN J

CASE STUDY III V PTH 377 2 CR.
 PREREQ: 2ND-YEAR CLASSIFICATION IN VET MED
 6956005 M 8:00-8:50 YAEGER M
 R 8:00-9:50 YAEGER M

BASICS MED TERMINOL V PTH 401 1 CR.
 7000005 MW 12:10-1:00 MYERS R
 1ST HALF

NECROPSY LAB PRACT V PTH 456 1 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 7007005 MTWRF 1:10-5:00 FALES-WILLIAMS
 A S 10:00-11:50 FALES-WILLIAMS
 A

CLIN PATH LAB PRACT V PTH 457 1 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 7008005 MTWRF 8:00-11:50 FLAHERTY H

MOLEC BIOL PROTOZOA V PTH 478 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7413005 TR 11:00-12:15 BEETHAM J

INDEPENDENT STUDY V PTH 490 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR & DEPT CHAIR
 PERMISSION OF INSTRUCTOR REQUIRED; PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACH&LRN VET MD ED V PTH 530 3 CR.
 7482005 ARRANGED DANIELSON J

DIAGN PARASITOL LAB V PTH 548 1- 3 CR.
 PREREQ: 376 OR 576
 9668005 ARRANGED JARVINEN J

CLIN PATHOLOGY LAB V PTH 549 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 457, PERMISSION OF INSTRUCTOR
 7037005 ARRANGED ANDREASEN C
 INSTRUCTOR PERMISSION REQUIRED;
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SURGICAL PATHOL LAB V PTH 550 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 570 OR 571, PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7479005 ARRANGED HAYNES J

POSTMORT PATHOL LAB V PTH 551 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 542, PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7038005 MTWRF 1:10-5:00 FALES-WILLIAMS
 A S 10:00-11:50 FALES-WILLIAMS
 A

SYSTEMIC PATHOL II V PTH 571 4 CR.
 PREREQ: 342 OR 542; PERMISSION OF INSTRUCTOR
 7021005 ARRANGED HAYNES J

VET PARASITOLOGY V PTH 576 4 CR.
 PREREQ: GRADUATE CLASSIFICATION, 542
 9012005 1 TWR 11:00-11:50 JARVINEN J
 TR 1:10-2:30 JARVINEN J
 9012010 2 TWR 11:00-11:50 JARVINEN J
 TR 3:10-4:30 JARVINEN J

MOLEC BIOL PROTOZOA V PTH 578 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7567005 TR 11:00-12:15 BEETHAM J

SPL TOPC VET PATHOL V PTH 590A 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 590B 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET TOXICOL V PTH 590C 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP VET CLIN PTH V PTH 590D 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS V PTH 590E 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PATHOL V PTH 599A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASI V PTH 599B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET TOXICO V PTH 599C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP V CLIN PTH V PTH 599D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PATHOL CASE SEMINAR V PTH 604 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7027005 R 12:10-1:00

VETERINARY PATHOLOGY

CURR TOPICS SEMINAR V PTH 605 1 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7029005 ARRANGED ACKERMANN M

DIAG INTERP V PARAS V PTH 606B R CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7030005 ARRANGED JARVINEN J

DIAG INTERP VET TOX V PTH 606C R CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5787005 ARRANGED OSWEILER G

DIAG INTERP CLINPTH V PTH 606D R CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9694005 ARRANGED ANDREASEN C

VET PATHOLOGY RSRCH V PTH 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLGY RES V PTH 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET TOXICOLGY RSRCH V PTH 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOMEN'S STUDIES

INTRO WOMEN'S STUDI W S 201 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7058005 A M 10:00-10:50
 WF 9:00-9:50
 7058010 B M 10:00-10:50
 WF 10:00-10:50
 7058015 C M 10:00-10:50
 WF 11:00-11:50
 7058020 D M 10:00-10:50
 WF 12:10-1:00
 7058025 E M 10:00-10:50
 WF 1:10-2:00
 7058030 F M 10:00-10:50
 WF 2:10-3:00
 7058035 G M 10:00-10:50
 WF 3:10-4:00

WOMEN'S STUDIES

INTRO QUEER STUDIES W S 205 3 CR.
 PREREQ: ENGL 150
 MEETS U.S. DIVERSITY REQMT.
 5940005 A MW 3:10-4:30

LDRSHP DIVERSE SOCI W S 222 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 MEETS U.S. DIVERSITY REQMT.
 8177005 TR 12:40-2:00

WOMEN & GENDER INT'L W S 301 3 CR.
 PREREQ: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7060005 MWF 9:00-9:50

CREAT WRITING FICTN W S 304 3 CR.
 PREREQ: ENGL 250, NOT OPEN TO FRESHMEN
 6463020 D MWF 10:00-10:50
 SECTION D TOPIC: WRITE LIKE A WOMAN

WOMEN IN SCI & ENGR W S 307 3 CR.
 PREREQ: A 200 LEVEL COURSE IN SCIENCE OR ENGR OR
 W S; ENGL 250
 MEETS U.S. DIVERSITY REQMT.
 1111005 TR 11:00-12:15

GENDER & COMMUNICTN W S 323 3 CR.
 PREREQ: SP CM 212
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3533005 A TR 11:00-12:15
 3533010 B TR 2:10-3:25
 3533015 C TR 12:40-2:00

SEX & GENDER IN SOCIE W S 327 3 CR.
 PREREQ: SOC 130 OR 134
 MEETS U.S. DIVERSITY REQMT.
 7061005 A1 TR 2:10-3:30 CAST A
 SEC A1 RESTRICTED TO INDIS - CJ ST,
 SOC, P S A,

W S MAJORS ONLY
 7061010 A2 TR 2:10-3:30 CAST A
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN
 INDIS - CJ ST, SOC, P S A, W S

WOMEN AND RELIGION W S 336 3 CR.
 PREREQ: RELIG 105, 210 OR W S 201 RECOMMENDED
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3534005 TR 12:40-1:55

FEMINIST PHILOSOPHY W S 338 3 CR.
 PREREQ: 3 CR IN PHIL OR WOMEN'S STUDIES RECOMMND
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6331005 R 5:10-7:40PM

WOMEN'S LITERATURE W S 340 3 CR.
 PREREQ: ENGL 250
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7062005 A1 TR 2:10-3:30
 SECTION A1 RESTRICTED TO ENGL, TCOMM
 MAJORS ONLY
 7062010 A2 TR 2:10-3:30
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN ENGL, TCOMM

WOMEN'S STUDIES

PSYCHOLOGY OF WOMEN W S 346 3 CR.
 PREREQ: 2 COURSES IN PSYCH INCLUDING PSYCH 101
 MEETS U.S. DIVERSITY REQMT.
 7064005 A1 TR 12:40-2:00
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 7064010 A2 TR 12:40-2:00
 SEC A2 RESTRICTED TO MAJORS OTHER
 THAN PSYCH

WOMEN IN POLITICS W S 385 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 7067005 1A TR 2:10-3:30
 SECTION 1A RESTRICTED TO POL S MAJORS
 ONLY
 7067010 1B TR 2:10-3:30
 SECTION 1B RESTRICTED TO MAJORS OTHER
 THAN POL S

FEMINIST THEORIES W S 401 3 CR.
 PREREQ: 201 OR 3 CR IN W S AT 300-LEVEL OR ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7069005 A TR 11:00-12:15

INTRSECT RACE,CLASS W S 425 3 CR.
 PREREQ: 201 AND ONE ADDITIONAL W S COURSE
 7073005 W 3:40-6:10PM

SEX&GENDER X-CULTUR W S 444 3 CR.
 PREREQ: ANTHR 201; ANTHR 306 RECOMMENDED
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1750005 MWF 2:10-3:00

TOPICS WOMEN'S STDI W S 450 3 CR.
 PREREQ: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8910005 TR 2:10-3:25
 TOPIC - GLOBAL INTIMACIES

INDEPENDENT STUDY W S 490 1- 3 CR.
 PREREQ: ANY TWO COURSES IN W S, PERMISSION OF
 INSTRUCTOR, CONSULTATION WITH W S PROGRAM
 DIRECTOR
 NO MORE THAN 6 CREDITS OF W S 490 MAY BE
 APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP W S 491 3 CR.
 PREREQ: SENIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF W S 491 MAY BE
 APPLIED TOWARD GRADUATION
 4097005 ARRANGED

SENIOR THESIS W S 499 3 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CNTMP FEMINST THEOR W S 510 3 CR.
 4873005 TR 11:00-12:15

WOMEN'S STUDIES

INTRSECT RACE,CLASS W S 525 3 CR.
 PREREQ: 201 AND ONE ADDITIONAL W S COURSE
 7076005 W 3:40-6:10PM

SEX&GENDER X-CULTUR W S 544 3 CR.
 PREREQ: ANTHR 201; ANTHR 305 RECOMMENDED
 1777005 MWF 2:10-3:00

TOPICS WOMEN'S STDI W S 550 3 CR.
 PREREQ: 201 OR 3 CR IN W S AT 300-LEVEL OR ABOVE
 8524005 TR 2:10-3:25
 TOPIC - GLOBAL INTIMACIES

PRSEM HIS FMNST THY W S 586 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 3073005 T 1:10-4:00 BYARS J

DIVERSTY ISSU THERA W S 587 3 CR.
 8772005 M 9:00-11:30 MURPHY M

SPECIAL TOPICS W S 590 VAR. CR.
 PREREQ: PERMISN OF WOMEN'S STUDIES PROG DIRECTOR
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK; PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORLD LANGUAGES AND CULTURES

INTRO WORLD LANGUAG WLC 119 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5865005 MWF 3:10-4:00

STDT TCH WORLD LANG WLC 417G VAR. CR.
 PREREQ: ADMISSION TO TEACHER EDUCATION, APPROVAL
 OF COORDINATOR DURING SEMESTER BEFORE STUDENT
 TEACHING
 RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$20.50-\$328.00
 8139005 1 ARRANGED
 SECT 1:AUG 24-NOV 27
 SECTION 1 OFFERED FOR 14 CREDITS
 8139010 2 ARRANGED
 SECT 2:2ND HALF
 SECTION 2 OFFERED FOR 8 CREDITS

TECH,GLOBALZ&CULTUR WLC 484 3 CR.
 PREREQ: SENIOR CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6372005 A T 6:00-7:30PM
 W 6:00-7:30PM
 6372600 XE T 6:00-7:30PM BERNARD J
 SECT XE:AUG 24-DEC 18
 DELIVERY FEE OF 570.00 IN ADDITION TO
 TUITION.
 DELIVERY FEE IS IN ADDITION TO
 TUITION AND FEES.
 COURSE DELIVERY IS VIDEOSTREAMING.
 ON LINE
 REGISTRATION OPEN TO DISTANCE
 STUDENTS ONLY. ALL
 OTHERS CONTACT EDE AT 515-294-7470
 FOR PERMISSION
 TO REGISTER.
 SECTION XE IS OFF CAMPUS.
 DELIVERY IS VIDEOSTREAMING

WORLD LANGUAGES AND CULTURES

WRLD LANGU MTHDS EL WLC 486 3 CR.
PREREQ: 25 CREDITS IN A WORLD LANGUAGE
MATERIALS AND EQUIPMENT USE FEE \$25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
9208005 1 T 6:00-8:50PM

WLD LANGU MTHDS SEC WLC 487 3 CR.
PREREQ: 25 CREDITS IN A WORLD LANG, ADMISSION
TO THE TEACHER EDUCATION PROGRAM
RESTRICTED TO STUDENTS WITH FULL ADMISSION
TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
MATERIALS AND EQUIPMENT USE FEE \$25.00
INSTRUCTOR PERMISSION REQUIRED; PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
4404005 1 R 6:10-8:50PM

LANGUAGE IN MOTION WLC 491 1 CR.
SATISFACTORY-FAIL ONLY.
PREREQ: MINIMUM OF SIX CREDITS FOR STUDY ABROAD
AND/OR INTERNSHIP ABROAD AND COMPLETION OF AT
LEAST A
FOURTH SEM (202 LEVEL) FOREIGN LANG COURSE OR
EQUIV
7493005 1 W 3:10-4:50

TECH, GLOBALZ&CULTUR WLC 584 3 CR.
PREREQ: GRADUATE CLASSIFICATION
MEETS INTERNATIONAL PERSPECTIVES REQMT.
6367010 A T 6:00-7:30PM
W 6:00-7:30PM
6367600 XE T 6:00-7:30PM BERNARD J
SECT XE:AUG 24-DEC 18
DELIVERY FEE OF 570.00 IN ADDITION TO
TUITION. DELIVERY FEE IS IN ADDITION TO TUITION AND
FEES. COURSE DELIVERY IS VIDEOSTREAMING. ON LINE
REGISTRATION OPEN TO DISTANCE STUDENTS ONLY. ALL
OTHERS CONTACT EDE AT 515-294-7470 FOR PERMISSION
TO REGISTER.

SECTION XE IS OFF CAMPUS.
DELIVERY IS VIDEOSTREAMING