

Spring Semester 2011

Classes Begin	January 10
University Holiday	January 17
Spring Break	March 14-18
Final Exams	May 2-6
Commencement	May 7 (undergraduate)

Registration Start Dates for Spring 2011

Veterinary Medicine students:	Wednesday, October 20
Graduate students:	Wednesday, October 20-Friday, October 22
All seniors:	Thursday, October 21-Wednesday, October 27
Projected juniors:	Thursday, October 28-Wednesday, November 3
Projected sophomores:	Thursday, November 4-Wednesday, November 10
Continuing freshmen:	Thursday, November 11-Thursday, November 18

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	Spring 2011 Fee Schedule
13	Tuition and Fees
16	Graduation
18	Student Records
19	Services for Students
20	Course Detail
21	Course Information
23	Night Examinations
23	Credit by Examination
24	Tentative Final Exam Schedule
25	Registration Worksheet
26	Time Grid
28	Campus Buildings
29	Spring 2011 Courses

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Table of Contents for Courses

Spring Semester Courses

Page		Page		Page	
29	Accounting (ACCT)	99	Dietetics (DIET)	154	Logistics & Supply Chain Management (LSCM)
30	Advertising (ADVRT)	99	Ecology & Evolutionary Biology (EEB)	154	Management (MGMT)
30	Aerospace Engineering (AER E)	99	Ecology, Evolution & Organismal Biology (EEOB)	155	Management Information Systems (MIS)
33	African American Studies (AF AM)	100	Economics (ECON)	156	Marketing (MKT)
33	Agricultural Education & Studies (AGEDS)	102	Educational Administration (EDADM)	157	Materials Engineering (MAT E)
35	Agricultural Engineering (A E)	102	Educational Leadership & Policy Studies (EL PS)	158	Materials Science & Engineering (M S E)
37	Agronomy (AGRON)	102	Electrical Engineering (E E)	159	Mathematics (MATH)
41	Air Force Aerospace Studies (AFAS)	106	Engineering (ENGR)	163	Mechanical Engineering (M E)
41	American Indian Studies (AM IN)	106	Engineering Mechanics (E M)	166	Meteorology (MTEOR)
41	Animal Ecology (A ECL)	106	Engineering Studies (E ST)	168	Microbiology (MICRO)
42	Animal Science (AN S)	108	English (ENGL)	169	Military Science (M S)
46	Anthropology (ANTHR)	108	Entomology (ENT)	169	Molecular, Cellular, Developmental Biology (MCDB)
48	Apparel, Ed Studies & Hospitality (AESHM)	115	Environmental Science (ENSCI)	170	Music (MUSIC)
48	Arabic (ARABC)	116	Environmental Studies (ENV S)	174	Natural Resource Ecology & Management (NREM)
48	Architecture (ARCH)	118	Family & Consumer Sciences Education & Studies (FCEDS)	175	Naval Science (N S)
51	Art & Design (ART)	118	Family Financial Planning (FFP)	175	Neuroscience (NEURO)
51	Art Education (ARTED)	119	Finance (FIN)	175	Nutritional Sciences (NUTRS)
51	Art History (ART H)	120	Food Science & Human Nutrition (FS HN)	176	Operations & Supply Chain Management (OSCM)
51	Art: Graphic Design (ARTGR)	121	Forestry (FOR)	176	Organizational for Tropical Studies (OTS)
52	Art: Integrated Studio Arts Design (ARTIS)	124	French (FRNCH)	176	Performing Arts (PERF)
57	Art: Interior Design (ARTID)	124	Genetics (GEN)	176	Philosophy (PHIL)
58	Astronomy & Astrophysics (ASTRO)	125	Genetics - Interdisciplinary (GENET)	177	Physics (PHYS)
59	Athletics (ATH)	126	Genetics, Development & Cell Biology (GDCB)	182	Plant Biology (PLBIO)
60	Biochemistry, Biophysics, & Molecular Biology (BBMB)	126	Geology (GEOL)	182	Plant Pathology (PL P)
61	Bioengineering (BIOE)	126	German (GER)	183	Political Science (POL S)
61	Bioinformatics & Computational Biol. (BCBBIO)	128	Gerontology (GERON)	185	Psychology (PSYCH)
62	Bioinformatics & Computational Biology (BCB)	129	Global Recourse System (GLOBE)	187	Religious Studies (RELIG)
62	Biological Systems Engineering (BSE)	129	Graduate Studies (GR ST)	188	Research & Evaluation (RESEV)
62	Biological/Pre-Medical Illustration (BPM I)	130	Greek (GREEK)	188	Russian (RUS)
62	Biology (BIOL)	130	Health Studies (H S)	188	Seed Technology & Business (STB)
65	Biomedical Sciences (B M S)	131	Higher Education (HG ED)	188	Sociology (SOC)
66	Biorenewable Resources & Technology (BRT)	132	Historical, Philosophical, & Comparative Education (H P C)	190	Software Engineering (S E)
66	Business Administration (BUSAD)	132	History (HIST)	190	Spanish (SPAN)
67	Chemical Engineering (CH E)	134	Honors (HON)	193	Special Education (SP ED)
68	Chemistry (CHEM)	134	Horticulture (HORT)	193	Speech Communication (SP CM)
75	Chinese (CHIN)	134	Hotel, Restaurant, & Institution Management (HRI)	194	Statistics (STAT)
76	Civil Engineering (C E)	136	Human Computer Interaction (HCI)	196	Supply Chain Management (SCM)
78	Classical Studies (CL ST)	137	Human Development & Family Studies (HD FS)	197	Sustainable Agriculture (SUSAG)
78	Communication Disorders (CMDIS)	138	Immunobiology (IMBIO)	197	Technology & Social Change (T SC)
78	Communication Studies (COMST)	142	Industrial Engineering (I E)	197	Technology Systems Management (TSM)
79	Community & Regional Planning (C R P)	142	Information Assurance (INFAS)	199	Textiles & Clothing (T C)
81	Community Development (C DEV)	143	Interdisciplinary Graduate Studies (IGS)	201	Theatre (THTR)
81	Complex Adaptive Systems (CAS)	143	International Studies (INTST)	202	Toxicology (TOX)
81	Computer Engineering (CPR E)	144	Journalism & Mass Communication (JL MC)	202	Transportation (TRANS)
84	Computer Science (COM S)	145	Kinesiology (KIN)	202	University Studies (U ST)
87	Construction Engineering (CON E)	149	Landscape Architecture (L A)	203	Veterinary Diagnostic & Production Animal Medicine (VDPAM)
88	Criminal Justice Studies (CJ ST)	151	Latin (LATIN)	205	Veterinary Clinical Sciences (V C S)
88	Curriculum & Instruction (C I)	152	Liberal Arts & Sciences (LAS)	207	Veterinary Microbiology & Preventive Medicine (V MPM)
95	Dance (DANCE)	153	Library (LIB)	208	Veterinary Pathology (V PTH)
95	Design Studies (DSN S)	153	Linguistics (LING)	209	Women's Studies (W S)
				210	World Languages & Cultures (WLC)

Key Dates, Deadlines, Information

AccessPlus Registration

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

Academic Probation

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

Auditing Courses

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

Emergency Contact List

A new addition to AccessPlus allows students, faculty and staff to designate several emergency contacts in order of preference. In an emergency, officials would start at the top of an individual's contact list and keep trying until reaching one of the contacts.

To designate emergency contacts: Sign onto AccessPlus, Click "Emergency Contact" in the left column . Up to five contacts may be identified and ranked in the order to contact

Fee Payment Deadlines

Fee payment deadlines for Spring 2011 are January 20, February 20, and March 20 for deferred billing. A \$20 deferred billing charge is assessed. Contact Accounts Receivables for information.

Graduation Information

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

ISU ALERT

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

Registration Start Dates

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

Room Assignments

Room assignments will be shown on AccessPlus class schedules on Monday, December 6. To find a map of class room locations go to the ISU index under Classroom abbreviations.

Schedule Changes

Schedule changes may be made using AccessPlus Registration through Friday, January 14. 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 Spring 2011

Jan. 1, Sat.	<ul style="list-style-type: none"> • University bills with Spring 2011 tuition and fees charges available on AccessPlus http://accessplus.iastate.edu 	Feb. 11, Fri.	<ul style="list-style-type: none"> • Last day to drop a first half-semester course without extenuating circumstances. • Last day to change a first half-semester course to or from Pass/Not Pass. Courses changed to graded basis after Jan. 24 count toward total allowable P/NP credits used for graduation. • Last day to file a Designation of Repeated Course form for a first half-semester course that is not an automatic designated repeat.
Jan. 5, Wed.	<ul style="list-style-type: none"> • Schedule of Classes for Summer 2011 available for viewing on the Web at http://classes.iastate.edu/ 	Feb. 15, Tues.	<ul style="list-style-type: none"> • Last day to change degree audit information for spring.
Jan. 7, 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 11 p.m. Jan. 9, without a late registration fee. • Last day to cancel registration by contacting the Office of the Registrar by 5 p.m. Registration may be cancelled via AccessPlus without tuition assessment until 11 p.m. Jan. 9. 	Feb. 19, Fri.	<ul style="list-style-type: none"> • Schedule of Classes for Fall 2011 available for viewing on the Web at http://classes.iastate.edu/
Jan. 9, Sun	<ul style="list-style-type: none"> • Last day to initiate registration for spring through AccessPlus without a late registration fee. Registration must be completed by 11 p.m. • Last day to cancel registration on AccessPlus for spring to avoid tuition assessment. All courses must be dropped on AccessPlus by 11 p.m. 	Feb. 20, Sat.	<ul style="list-style-type: none"> • Fee payment deadline, spring. Second payment (minimum due).
Jan. 11, Mon.	<ul style="list-style-type: none"> • Class work begins. • Schedule changes processed through AccessPlus registration or in 10 Enrollment Services Center. 	Feb. 21, Mon.	<ul style="list-style-type: none"> • Departments proof the preliminary Spring 2012 Schedule of Classes on the web at http://classes.iastate.edu/
Jan. 13, Thurs.	<ul style="list-style-type: none"> • Tentative Spring 2012 course offering due in Registrar's Office. 	Feb. 22, Tues.	<ul style="list-style-type: none"> • Registration Authorization Cards for Summer 2011 and Fall 2011 registration distributed to colleges, if applicable.
Jan. 14, Fri.	<ul style="list-style-type: none"> • Last day to process most schedule changes without a fee or to add/drop a course without signatures of instructor and adviser (full-semester courses and first half-semester courses). • Last day to drop full-semester or first half-semester courses without the drop appearing on the permanent record or counting toward the limit of dropped courses. • Last day to process a schedule change for spring through AccessPlus registration. • Last day to initiate registration through AccessPlus. A late registration fee applies. • Last day to change a full-semester course from audit to credit basis. • Graduate College applications for graduation for Spring 2011 are due in the Graduate College, 1137 Pearson Hall. 	March 1, Tues.	<ul style="list-style-type: none"> • Deadline for submitting approved, new experimental course announcement forms (with all signatures) for Summer 2011 to the Registrar's Student Scheduling Office, 10 Enrollment Services Center. • Textbook & Supply requisitions for summer classes due to University Bookstore.
Jan. 15, Sat.	<ul style="list-style-type: none"> • Last day to return textbooks for refund to University Book Store. Exclusions apply. See www.isubookstore.com for details. 	March 4, Fri., noon	<ul style="list-style-type: none"> • Deadline for departments to notify Registrar's Student Scheduling Office of corrections to Spring 2012 Schedule of Classes.
Jan. 17, Mon.	<ul style="list-style-type: none"> • University holiday—offices closed, classes recessed. 	March 4, Fri.	<ul style="list-style-type: none"> • First half-semester courses end.
Jan. 20, Thurs.	<ul style="list-style-type: none"> • Fee payment deadline for spring. First payment (minimum due) or payment in full. 	March 7, Mon.	<ul style="list-style-type: none"> • Second half-semester courses begin. • Advising period for Summer and Fall 2011 registration begins.
Jan. 24, Mon.	<ul style="list-style-type: none"> • Last day to change a full-semester or first half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits used for graduation. • Last day to elect to audit a full-semester course for spring. The instructor of the course must approve an audit. 	March 8, Tues., 2:15 p.m	<ul style="list-style-type: none"> • Midterm grade reports due from all departments on WebCT and AccessPlus.
Jan. 25, Tues.	<ul style="list-style-type: none"> • Fall Semester 2011 Schedule of Classes proof copy due in Registrar's Office, with or without changes 	March 11, 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.
Feb 1, Tues.	<ul style="list-style-type: none"> • Department review of catalog edits on AccessPlus begins. 	March 14-18, Mon.-Fri.	<ul style="list-style-type: none"> • Spring break, classes recessed.
		March 17, Thurs.	<ul style="list-style-type: none"> • Last day for departments to make Summer or Fall 2011 course offering changes before registration begins (Room Scheduling must approve course limits of 35 and greater).
		March 20, Sun.	<ul style="list-style-type: none"> • Fee payment deadline, spring semester. Final payment due.

University Calendar Spring 2011

March 21, Mon.	<ul style="list-style-type: none"> • Registration period for Summer 2011 and Fall 2011 begins. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • First day of assigned Summer 2011 and Fall 2011 registration dates for students in the College of Veterinary Medicine and students in the Graduate College. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. • Seniors graduating Summer 2011 or Fall 2011 should submit a Graduation Application to the Registrar's Graduation Office, 210 Enrollment Services Center, after registering for final course work. Applications are available from advisers or the Registrar's Graduation Office, 210 Enrollment Services Center, or via www.iastate.edu/~registrar/graduation 	April 15, 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. Courses changed to graded basis after March 11 count toward total allowable P/NP credits used for graduation. • Graduate College: last day for final oral examinations. • Deadline for Summer 2011, 12-week and Session I course cancellations due to low enrollment.
March 22, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2011 and Fall 2011 registration dates for students projected as seniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 19, Tues.	<ul style="list-style-type: none"> • Graduate College: last day to submit signed Submission Request Form for electronic thesis or dissertation.
March 25 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. Courses changed to graded basis after Jan. 24 count toward total allowable P/NP credits used for graduation. • Last day to file a Designation of Repeated Course form for a full-semester or second half-semester course that is not an automatic designated repeat. • Last day for graduate students to cancel graduation without being assessed a nonrefundable graduation fee. 	April 20, Wed.	<ul style="list-style-type: none"> • Last day of assigned registration start dates for Summer 2011 and Fall 2011 registration.
March 28, Mon.	<ul style="list-style-type: none"> • Preliminary room assignments for Summer 2011 distributed to departments from Room Scheduling. • First day of assigned Summer 2011 and Fall 2011 registration dates for students projected as juniors. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 21, Thurs.	<ul style="list-style-type: none"> • Graduate College: last day to submit final electronic thesis/dissertation copy for Thesis Office review.
April 4, Mon.	<ul style="list-style-type: none"> • Textbook & Supply requisitions for fall classes due to University Bookstore. 	April 22, Fri.,	<ul style="list-style-type: none"> • Graduate College last day for final submission of graduate student graduation approval slip. • Summer 2011 course enrollment tally by college and year printed for departmental distribution.
April 5 Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2011 and Fall 2011 registration dates for students projected as sophomores. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 23, Sat.	<ul style="list-style-type: none"> • Room assignments for Summer 2011 courses displayed in the online Schedule of Classes. • Beginning summer class lists available on AccessPlus.
April 12, Tues.	<ul style="list-style-type: none"> • First day of assigned Summer 2011 and Fall 2011 registration dates for students continuing as freshmen. Hours for AccessPlus registration are 7 a.m. to 11 p.m., Monday—Saturday. 	April 26-May 7	<ul style="list-style-type: none"> • End of term textbook buyback begins at University Bookstore.
		May 1, Sun.	<ul style="list-style-type: none"> • University bills with Summer 2011 tuition and fees charges available on AccessPlus at http://accessplus.iastate.edu
		May 2-6, Mon.-Fri.	<ul style="list-style-type: none"> • Final examinations.
		May 6, Fri.	<ul style="list-style-type: none"> • Spring semester ends. • Graduate College applications for graduation for Summer 2010 are due in the Graduate College, 1137 Pearson Hall. • Graduate College Commencement: www.iastate.edu/~registrar/graduation • Undergraduate applications for graduation for Summer 2011 and Fall 2011 are due in the Registrar's Graduation Office, 210 Enrollment Services Center.
		May 7, Sat.	<ul style="list-style-type: none"> • Fall 2011 course enrollment tally by college and year printed for departmental distribution. • Undergraduate Commencement: www.iastate.edu/~registrar/graduation
		May 9, Mon.	<ul style="list-style-type: none"> • Registration Authorization Cards for new Fall 2011 freshmen distributed to Colleges, if applicable.
		May 11, Wed., 2 p.m	<ul style="list-style-type: none"> • Final grades due on WebCT and AccessPlus.
		May 12, Thurs.	<ul style="list-style-type: none"> • Grade reports available on AccessPlus.

Resources

Admissions www.admissions.iastate.edu

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

College Student Services Offices

Agriculture and Life Sciences23 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.adp.iastate.edu/icard/

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

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 2009-2011* catalog for specific requirements for admission. Applications are available through the Iowa State University home page, by clicking on “Apply” under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

Graduate Students

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

Nondegree Students

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

Summer Trial Enrollment

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

Undergraduate students, both nondegree and degree seeking:

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

Reentry forms are available through the ISU index under Reentering ISU or from the Office of the Registrar, Tuition and Fees area, 0460 Beardshear, at 515-294-1889, or e-mail reentry@iastate.edu. 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
109 Carrie Chapman Catt Hall
294-1522

Veterinary Medicine
2540 Vet Med
294-0772

Reentering Students

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

Returning Students

<i>Undergraduate and Nondegree Students</i>	Non-international undergraduate and non-degree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, may contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.
<i>Academically Dismissed</i>	Returning students who have been academically dismissed should contact their college student services office regarding procedures for reinstatement. Students who want to change colleges should contact their prospective college student services office.
<i>Graduate Students</i>	All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their major professor to discuss course selection. International graduate students must file a student financial statement for visa purposes. The form is available from International Students and Scholars, 252 Memorial Union, 515-294-1120, or e-mail: intlerv@iastate.edu.

Registration

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

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

To register, follow these steps:

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

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

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

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.

3 Register for courses using the AccessPlus registration system. Room locations for courses will be available on AccessPlus beginning Monday, December, 6.

4 Register for courses using the AccessPlus registration system. Room locations for courses will be available on AccessPlus beginning Monday, December, 6.

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

Initiating Registration

The last day to initiate a new registration through AccessPlus registration for Spring 2011 is Sunday, January 9 or the Student Scheduling Office in 10 Enrollment Services Center for Spring 2011 is Friday, January 7. A late registration fee is assessed for a registration initiated on or after the first day of classes. See the Tuition and Fees section for the late fee amounts.

Cancelling Registration

Notify the Office of the Registrar by 5 p.m. Friday, January 7, of intent to cancel registration, or drop all classes on AccessPlus by 10 p.m. Sunday, January 9 to avoid tuition assessment. For information and a cancellation form, go to the ISU index under Cancelling Registration.

RAN

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

Registration System Abuse

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

AccessPlus Registration Tips

Hours for the system: Monday-Saturday, 5 a.m. - 11 p.m.

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

Schedule of Classes

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

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

Schedule Planner

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

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

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

AccessPlus

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

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

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

Schedule changes

Dropping and Adding Courses

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

Schedule change periods are as follows:

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

Period 2 ends the Friday of week 10 in the fall and spring semesters. During this period, schedule changes require signatures of adviser and instructor and are processed on a Schedule Change/Restriction Waiver form. Completed forms are processed in 10 Enrollment Services Center. A schedule change fee is assessed for adds, drops, and section changes during this period. Course drops after period 1 count toward a student's ISU drop limit and appear as an X on the permanent record. A section change does not require a drop.

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

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

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

R-Credit Courses (required courses)

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

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

Drop Limit

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

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

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

Validating Enrollment

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

Spring 2011 Fee Schedule

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

Tuition Schedule Per Semester

In effect for Fall 2010. Subject to change without notice.

Full Time Rates	Resident	Nonresident
Undergraduate (12 or more credits)	\$3,051	\$8,834
Business Juniors and Seniors Excludes Pre-Business (Includes \$250 differential tuition)	\$3,566	\$9,347
Engineering Juniors and Seniors	\$4,044	\$9,792
Graduate (9 or more credits)	\$3,560	\$9,274
Engineering Graduate:	\$4,102	\$9,800
Veterinary Medicine (12+ credits)	\$8,312	\$19,394

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: ¹

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 /Seed Technology & Business classes: are assessed the graduate rate plus \$121 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: 2010-2011

- **Des Moines MBA program** courses are assessed at the graduate rate in the current fee schedule plus a \$121 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 - \$480,
 - Chem 50 - \$350
 - Engl 99L - \$240
 - Engl 99R - \$160
 - Engl 99S - \$480
 - Frnch 97, Ger 97 and Span 97 - \$294
- **Distance education courses** are assessed at the resident rate as long as the student is taking only distance education courses. 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 \$121 per credit supplemental tuition fee. Fees are subject to change without notice.
- **Workshop fee** for one-credit workshops, with no other course enrollments, is \$255 for undergraduate students and \$396 for graduate students.
- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.

Tuition and Fees

Tuition and fees are subject to change without notice.

Payment of Fees

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

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

If you have questions regarding your U-Bill you can access your U-Bill on AccessPlus on computers conveniently located behind the Student Answer Center or contact the Receivables Office - 0880 Beardshear Hall - 515-294-7388.

Deferred Billing

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

Monthly Payment Plan

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

Past Due Accounts

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

Cancelling Registration

A cancellation is processed when a student notifies the Office of the Registrar of their decision not to attend classes for the current semester prior to the day class work begins. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by 4:30 p.m. Friday, January 7; or drop all of your classes through AccessPlus by 11 p.m. Sunday, January 9.

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

Withdrawing Registration

Beginning the first day of class (Monday, January 10), 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.

Tuition Adjustment Schedule

This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Spring 2011:

Withdrawal Date	Student Pays
Jan. 10-14	10%
Jan. 15-24	25%
Jan. 25-31	50%
Feb. 1-7	75%
After Feb. 7	100%

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

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

Tuition Adjustment Schedule for Workshops and Short Courses

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

Appealing Tuition Assessments

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

Past Due Accounts

Students having past due accounts receivable charges may be dropped from enrollment for spring if these past due charges are not paid by the Thursday before the first day of classes. A statement indicating past due charges will be shown on the December 31 billing statement. Student that are subject to being dropped will be notified via their Iowa State e-mail account.

GLOSSARY OF FEES

Activity, Services and Building Fee

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

Exemptions are granted for students exclusively registered

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

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.

Technology Fee

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

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

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

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

computer fee rate for the major having the higher rate.

Health Facility Fee

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

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

Health Fee (Mandatory)

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

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

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

Late Registration Fee

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

Graduation

Undergraduate Students

Spring 2011 graduating seniors are encouraged to submit applications for graduation after registering for their final semester. Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 210 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The application is due in 210 Enrollment Services Center by December 10, 2010. Applicants will be assessed a \$40 nonrefundable graduation fee the tenth day of classes.

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

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

Undergraduate university commencement ceremony will be held Saturday, May 7, at 1:30 p.m., in Hilton Coliseum.

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

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

Teacher Licensure

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

Graduate Students

Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may result in the removal of the students name from the graduation list for Spring 2011.

- An "Application for Graduation" (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, January 15.
- Last day for graduate students to cancel graduation is March 26. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.
- A Request for "Final Oral Examination" form should be obtained from the students department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Friday, April 16.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, April 20. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, April 22.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Friday, April 23. This form will be sent to their major professor or department when their "Request for Final Examination" is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.
- Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

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

The Graduate College commencement ceremony will be held at 8 p.m., Friday, May 6 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.

Veterans Educational Assistance

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

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

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

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

Information Disclosure for Students

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

Policy on Student Names

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

Release of Student Records

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

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

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

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

Changing an Address on AccessPlus

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

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

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

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

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

Third Party Access

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

Services for Students

Campus Parking

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

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

Child Care

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

For more information about child care options, contact the university child care coordinator at 515-294-8827
Child care programs located on campus include:

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

Student Disability Resources

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

Identification Card (ISUCard)

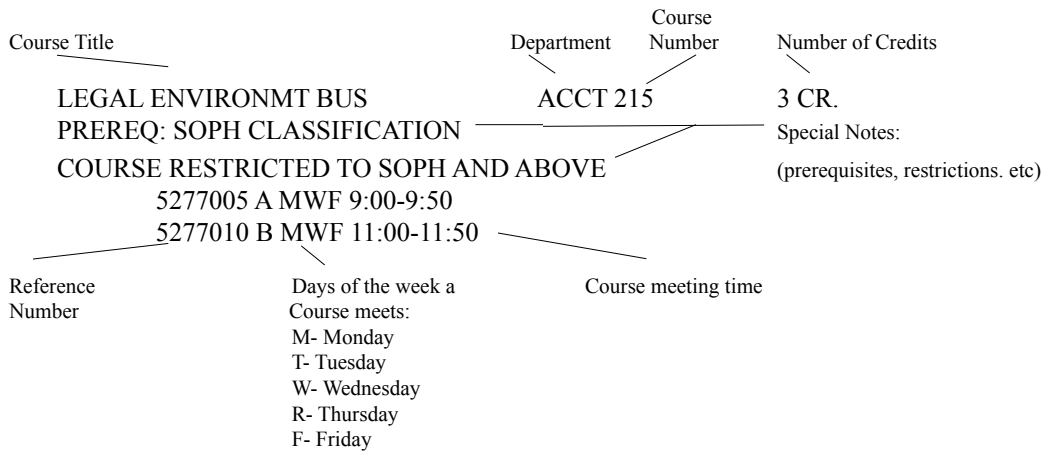
The Iowa State University student identification card (ISUCard) will be made available to students at the time of their first registration. This is a permanent card to be used while attending Iowa State. Loss of their ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where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

Activity Cards for Spouses/Domestic Partners and Children

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

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

Course Detail



Course Listing Detail

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

Course Numbering System

Courses are numbered from 1 to 699, as follows:

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

Meeting Days and Times for Classes

Meeting days as well as class start and end times are listed with each class listing.

Course Prerequisites

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

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

Course prerequisites are listed in the Schedule of Classes.

Course Information

Auditing Courses

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

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

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

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

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

Audit Deadlines for Full Term Courses

Instructors must approve all audits.

• Adding an audit

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

• Changing from credit to audit:

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

• Changing from audit to credit-(5 days allowed):

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

• Partial semester or summer courses:

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

Canceled Courses

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

Class Attendance

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

Courses Requiring Permission

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

Course Descriptions

Course descriptions can be found in the *Iowa State University Undergraduate and Graduate Courses and Programs 2009-2011* catalog. Copies of the catalog may be purchased in campus area bookstores. The information is also available through the ISU index under catalog.

Credit Involving a Paid Activity

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

Credits Limits

For fall and spring semesters, the credit limit is 18 credits for undergraduates and 15 credits for graduate students. For summer session, the limits are 12 credits for undergraduates and 10 credits for graduate students. Requests to add credits beyond a student's credit limit will be denied. Generally, a

student must drop credits before adding another course. individual students. Students may request a change in their credit limit by contacting their adviser. Advisers should notify the student's college student services office if the credit limit needs to be changed.

Distance Education Course Information

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

Experimental Courses

Experimental courses (course numbers ending in "X") are not included in the *Iowa State University Undergraduate and Graduate Courses and Programs 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 CenterI. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 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 CenterI.

Room Assignments

Beginning Monday, December 7, students may find room assignments by viewing their schedule on *AccessPlus*.

Time Conflicts

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

Validation of Enrollment

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

Videotaping/Audiotaping Classes

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

Night Examinations

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

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

Night Exams for Spring 2011

Updates are posted on the web under Night Exams.

Credit by Examination

General Information

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

Students should take a test-out exam the semester before planning to take the course. In some courses, students who plan to take the test-out exam may not be allowed to register for the course in the same semester. For more information, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2009-2011* catalog.

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, Rm. 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 Govt.	Pol S 215	3
Biology**	Biol 101	3
Calculus	Math 165	4
Humanities*	Fine Arts Literature	2 4
Principles of Macroeconomics	Econ 102	3
Principles of Microeconomics	Econ 101	3
Natural Sciences*	Biological Science Physical Science	3 3
Introductory Psychology	Psych 101	3
Social Sciences and History*	Social Science History	4 2
Introductory Sociology	Soc 134	3
French Language	Frnch 101, 102 Frnch 101, 102, 201 Frnch 101, 102, 201, 202	8 12 16
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, April 30 at 5 p.m.

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

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

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

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

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

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

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

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

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

Combined Group Exams

The following courses are most likely to have *combined group exams* scheduled for Spring 2010. (This list of group exam courses may change due to departmental preference and/or time and room scheduling difficulties.) For the list of exam days and times go to the ISU index under Final Exams.

Acct 215, 284, 285
 Aer E 160
 Agron 114
 Astro 120
 C E 332
 Chem 165, 178, 332
 Com S 207, 227, 228
 E M 274, 324, 345, 378
 Engr 160
 Fin 301
 Frnch 102, 202
 Geol 100
 I E 305
 Math 140, 151, 165, 166, 195, 265
 Phys 111, 221, 221H, 222, 222H
 Psych 101 (Sec. A, B, C only), 230, 280
 Soc 134
 Span 102, 202

Tentative Exams Based on First Contact

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

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

Please provide your **university ID** _____

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

- A. **View the Online Schedule of Classes at <http://classes.iastate.edu/>** for the list of classes offered for the term. Use the spaces provided below to plan the courses you want on your schedule.
- B. **Meet with your adviser** to discuss your courses and to obtain your registration access number (RAN), if required by your college.
- C. **Register via AccessPlus at <http://accessplus.iastate.edu/>**. Follow the instructions and prompts on the screens. It is your responsibility to check for schedule conflicts. Attempt to add a course you need even if the section is closed. This action helps the University monitor and determine when it's feasible to respond to unmet course demand.
- D. **Additional Registration Regulations**
Using the AccessPlus registration system is a privilege, which may be revoked if abuse is detected. Abuse includes, but is not limited to, creating and using an automated program to search for course openings and/or enrolling in a section with the intent of reserving space in that particular section for another student. The Office of the Registrar, college office, and/or advisers have the right to determine abuse and revoke privileges for any type of registration system abuse.

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

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

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

Alternative courses

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

Notes

Adviser signature: _____ Date approved: _____

Registration Trial Schedule Grid

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
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.						

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

*Residence Hall

Other Campus Buildings

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

ACCOUNTING

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS
 Prereq: SOPH CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH AND ABOVE
 5277005 A MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 5277010 B MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS
 Prereq: SOPHOMORE STANDING OR PERMISSION OF ADVISER
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS. COURSE RESTRICTED TO SOPHS AND ABOVE.
 1110005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 1110010 B TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 1110015 C TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 1110020 D TR 2:10-3:30
 MEETS: JAN 10-MAY 6

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS
 Prereq: 284
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS. College permission required to add during 1st week. Go to 1200 Gerdin.
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 1112005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 1112010 B TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 1112015 C MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 1112020 D MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 1112025 E TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 1112030 F MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 1112035 G TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 1112040 I TR 2:10-3:30
 MEETS: JAN 10-MAY 6

INTMD MANAGERL ACCT ACCT 383 3 CREDITS
 Prereq: 285 OR 508
 Note: SEC A1,B1, ETC RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2, ETC RESTRICTED TO BUS MAJORS EXCEPT ACCT, P BUS OR GRADUATE STUDENTS. College permission required to add during 1st week. Go to 1200 Gerdin.
 1117005 A1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 1117010 A2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 1117015 B1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 1117020 B2 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 1117025 C1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 1117030 C2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

ACCT INFO SYSTEMS ACCT 384 3 CREDITS
 Prereq: 285
 Note: SEC D1,E1,F1 RESTRICTED TO ACCT MAJORS ONLY. SEC D2,E2,F2 ETC RESTRICTED TO BUS MAJORS EXCEPT ACCT, P BUS OR GRADUATE STUDENTS. College permission required to add during 1st week. Go to 1200 Gerdin.
 1123005 A1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 1123010 A2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 1123015 B1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 1123020 B2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 1123025 C1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 1123030 C2 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

INTMD ACCOUNTING I ACCT 386 3 CREDITS
 Prereq: 285 OR 508
 Note: SEC A1,B1 ETC RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2 ETC FOR OTHER BUSINESS COLLEGE MAJORS AND AG B. NOT OPEN TO P BUS MAJORS OR GRAD STUDENTS. College permission required to add during 1st week. Go to 1200 Gerdin.
 1118005 A1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 1118010 A2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 1118015 B1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 1118020 B2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 1118025 C1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

ACCOUNTING

(CONTINUED)

INTMD ACCOUNTING I ACCT 386 3 CREDITS
 1118030 C2 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

INTMD ACCOUNTING II ACCT 387 3 CREDITS
 Prereq: 386
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2,C2 RESTRICTED TO AG B, BUS S, BUS U, BUSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY. NOT OPEN TO P BUS OR GRADUATE STUDENTS. College permission required to add during 1st week. Go to 1200 Gerdin.
 1119005 A1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 1119010 A2 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 1119015 B1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 1119020 B2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 1119025 C1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 1119030 C2 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

ADV MANAGERIAL ACCT ACCT 483 3 CREDITS
 Prereq: 383 OR 581
 Note: COURSE RESTRICTED TO ACCT MAJORS ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 8793005 A T 6:10-9:30PM
 MEETS: JAN 11-APRIL 5

PRIN FED INCOME TAX ACCT 485 3 CREDITS
 Prereq: 285 OR 508
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY. SEC A2,B2,C2 RESTRICTED TO AG B, BUS S, BUS U, BUSEC, FIN, I BUS, LSCM, MGMT, MIS, MKT, OSCM, SCM MAJORS ONLY. Available for nonmajor graduate credit. College permission required to add during 1st week. Go to 1200 Gerdin.
 1121005 A1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 1121010 A2 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 1121015 B1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 1121020 B2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

VOLUN INCM TAX ASSI ACCT 486 1 CREDIT
 Prereq: 285
 Note: COURSE RESTRICTED TO ACCT MAJORS ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 3365005 A R 6:10-8:00PM
 T 3:30-5:20
 MEETS: JAN 13-APRIL 15
 Note: SEC A LEC MEETS JAN 13-FEB 10 AND LAB MEET FEB 15-APRIL 11.
 3365010 B R 6:10-8:00PM
 W 6:10-8:00PM
 MEETS: JAN 13-APRIL 15
 Note: SEC B LEC MEETS JAN 13-FEB 10 AND LAB MEET FEB 16-APRIL 14.
 3365015 C R 6:10-8:00PM
 R 6:10-8:00PM
 MEETS: JAN 13-APRIL 15
 Note: SEC C LEC MEETS JAN 13-FEB 10 AND LAB MEET FEB 17-APRIL 15.

NONPROFIT INST ACCT ACCT 488 3 CREDITS
 Prereq: 387
 Note: COURSE NOT OPEN TO P BUS OR GRADUATE STUDENTS. COURSE RESTRICTED TO COLLEGE OF BUISNESS MAJORS ONLY. Available for nonmajor graduate credit. College permission required to add during 1st week. Go to 1200 Gerdin.
 1120005 A MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

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

ADV ACCT PROBLEMS ACCT 495 3 CREDITS
 Prereq: 387
 Note: COURSE RESTRICTED TO ACCT MAJORS ONLY. Available for nonmajor graduate credit. College permission required to add during 1st week. Go to 1200 Gerdin.
 7148005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

ACCOUNTING (CONTINUED)

INTERNATIONAL ACCT ACCT 496X 3 CREDITS
 Prereq: 386
 9026005 A R 6:10-9:30PM
 MEETS: JAN 13-APRIL 7

INTRO TO AUDITING ACCT 497 3 CREDITS
 Prereq: 384, 387, STAT 326
 Note: COURSE RESTRICTED TO ACCT MAJORS ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 Available for nonmajor graduate credit
 College permission required to add during 1st week. Go to 1200 Gerdin.
 1126005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 1126010 B TR 12:40-2:00
 MEETS: JAN 10-MAY 6

ACCT FOR DECISN MAK ACCT 581 3 CREDITS
 Prereq: 508 OR EQUIVALENT
 9116005 A MWF 11:00-11:50 RAVENSCROFT S
 MEETS: JAN 10-MAY 6

CORP GOVERN&LEADRSH ACCT 582 3 CREDITS
 Prereq: MGMT 502 OR PERMISSION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1157005 A M 6:00-9:20PM SHRADER B
 MEETS: JAN 10-APRIL 4

ADV MANAGERIAL ACCT ACCT 583 3 CREDITS
 Prereq: 383 OR 581
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1009005 A T 6:00-9:20PM DENISON C
 MEETS: JAN 11-APRIL 5

GOV'T&NON-PRFT ACCT ACCT 588 3 CREDITS
 Prereq: 387 OR 592
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2909005 A MWF 12:10-1:00 RAVENSCROFT S
 MEETS: JAN 10-MAY 6

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

FIN STATEMNT ANALYS ACCT 592 3 CREDITS
 Prereq: 284 OR 508
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1357005 A M 6:00-9:20PM KURTENBACH J
 MEETS: JAN 10-APRIL 4

ADV ACCNTNG PROBLMS ACCT 595 3 CREDITS
 Prereq: 387
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 1011005 A TR 9:30-10:50 CLEM A
 MEETS: JAN 10-MAY 6

INTERNATIONAL ACCT ACCT 596 3 CREDITS
 Prereq: 386 OR 508
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2892005 A R 6:00-9:20PM JEFFREY C
 MEETS: JAN 13-APRIL 7

FIN ACCT:THRY & ISS ACCT 598 3 CREDITS
 Prereq: 387 OR 594
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 5338005 A W 6:00-9:20PM JEFFREY C
 MEETS: JAN 12-APRIL 6

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

ADVERTISING

ADVERTISING PRINCIP ADVRT 230 3 CREDITS
 4667005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

STRATEG PLAN AD&P R ADVRT 301 3 CREDITS
 Prereq: 230 OR JL MC 220; SOPHOMORE CLASSIFICATN
 Note: SEC 1A,2A,3A,4A RESTRICTED TO JL MC, ADVRT, P JMC, P ADV. SEC 1B,2B,3B,4B FOR MAJORS OTHER THAN JL MC, ADVRT, P JMC AND P ADV
 4439005 1A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 4439010 1B TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 4439015 2A MW 9:30-10:50
 MEETS: JAN 10-MAY 6
 4439020 2B MW 9:30-10:50
 MEETS: JAN 10-MAY 6
 4439025 3A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 4439030 3B TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 4439035 4A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 4439040 4B TR 12:40-2:00
 MEETS: JAN 10-MAY 6

ADVERTISING (CONTINUED)

ADVERTSNG CREATIVTY ADVRT 334 3 CREDITS
 Prereq: 301; C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO JL MC, ADVRT MAJORS
 4669005 1 TR 3:10-4:40
 MEETS: JAN 10-MAY 6

ADVERT MEDIA PLANNG ADVRT 335 3 CREDITS
 Prereq: 301
 4670005 1A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P JMC, P ADV MAJORS.
 4670010 1B MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT, P JMC, P ADV

ADVERT ACCOUNT MGMT ADVRT 336 3 CREDITS
 Prereq: 301, C+ OR BETTER IN JL MC 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, MAJORS ONLY.
 4440005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

PRO SKILL DEVEL:MAP ADVRT 390A 1- 2 CREDITS
 Note: COURSE TOPIC: "MEREDITH APPRENTICE PROGRAM"
 9550005 1 T 8:00-9:20, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

ADVERTISING CAMPNGS ADVRT 434 3 CREDITS
 Prereq: 301; C+ OR BETTER IN 334 OR 336; MAJOR STATUS
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
 4685005 1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

AD PORTFLIO PRACTCM ADVRT 436 3 CREDITS
 Prereq: 334, INSTRUCTOR PERMISSION
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJOR ONLY.
 4443005 1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

SPL TOP CREATV COMM ADVRT 497A 3 CREDITS
 9551005 1A TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
 9551010 1B TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC.

AEROSPACE ENGINEERING

AEROSPACE ENG PROBLM AER E 160 3 CREDITS
 Prereq: SATISFACTORY SCORES ON MATH PLACEMENT EXAM; CREDIT OR ENROLLMENT IN MATH 142, 165
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 6215005 1 TR 11:00-11:50
 W 10:00-11:50
 MEETS: JAN 10-MAY 6

HONORS AER ENG PROB AER E 160H 3 CREDITS
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 7571005 1 TR 11:00-11:50
 W 10:00-11:50
 MEETS: JAN 10-MAY 6

NUM&GRAPHIC&LAB TCNQ AER E 161 4 CREDITS
 Prereq: 160 OR EQUIVALENT COURSE
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 7834005 1 TR 9:30-10:50
 M 2:10-4:00
 MEETS: JAN 10-MAY 6
 7834010 2 TR 9:30-10:50
 T 2:10-4:00
 MEETS: JAN 10-MAY 6
 7834015 3 TR 9:30-10:50
 W 2:10-4:00
 MEETS: JAN 10-MAY 6

HONOR NUM&GRPH TCNQ AER E 161H 4 CREDITS
 Prereq: MATH 141 OR 142 OR SATISFACTORY SCORES ON MATH PLACEMENT EXAM; CR OR ENROLLMENT IN MATH 165, PROFICIENCY IN FORTRAN OR C PROGRAMMING LANGUAGES, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 8247005 1 TR 9:30-10:50
 M 10:00-11:50
 MEETS: JAN 10-MAY 6
 8247010 2 TR 9:30-10:50
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 8247055 3 TR 9:30-10:50
 M 12:10-2:00
 MEETS: JAN 10-MAY 6

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE SEMINAR AER E 192 R CREDIT
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.
 Satisfactory-Fail Only.
 1085005 1 W 2:10-3:00
 MEETS: JAN 10-MAY 6
 1085010 2 R 2:10-3:00
 MEETS: JAN 10-MAY 6
 1085015 3 M 2:10-3:00
 MEETS: JAN 10-MAY 6

HONOR AEROSPC SEMNR AER E 192H R CREDIT
 Note: COURSE RESTRICTED TO HONORS STUDENTS
 Satisfactory-Fail Only.
 2647005 1 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 2647010 2 T 2:10-4:00
 MEETS: JAN 10-MAY 6
 2647015 3 W 12:10-2:00
 MEETS: JAN 10-MAY 6

AERODYNAMICS I AER E 243 3 CREDITS
 Prereq: GRADE OF C- OR BETTER IN 261, MATH 265,
 ENROLLMENT IN 243L
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.
 1175005 TR 11:00-12:30
 MEETS: JAN 10-MAY 6

INTRO AEROSPC ENGR AER E 261 4 CREDITS
 Prereq: 161, MATH 166, PHYS 221
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 6021005 1 MTRF 11:00-11:50
 MEETS: JAN 10-MAY 6
 6021010 2 MTRF 11:00-11:50
 MEETS: JAN 10-MAY 6

SCI BALLOON ENGR&OP AER E 265 1 CREDIT
 2679005 R 4:10-5:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL
 2651010 BJ ARRANGED
 MEETS: JAN 10-MAY 6
 2651015 DH ARRANGED
 MEETS: JAN 10-MAY 6
 2651020 MN ARRANGED
 MEETS: JAN 10-MAY 6

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

HONORS AEROSP SEMNR AER E 292H R CREDIT
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 Satisfactory-Fail Only.
 1216005 T 3:40-4:30
 MEETS: JAN 10-MAY 6

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

GAS DYNAMICS AER E 311 3 CREDITS
 Prereq: 243, M E 330, ENROLLMENT IN 311L
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.
 CONCURRENT ENROLLMENT IN AER E 311L REQUIRED
 Available for nonmajor graduate credit
 1179005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

FLIGHT STRUCT ANALY AER E 321 3 CREDITS
 Prereq: E M 324
 Note: Available for nonmajor graduate credit
 7164005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

FLGHT CONTROL SYS I AER E 331 3 CREDITS
 Prereq: 355
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 Available for nonmajor graduate credit
 1235005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

AERODYNAMICS II AER E 343 3 CREDITS
 Prereq: CR OR ENROLLMT IN 311, ENROLLMENT IN 343L
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 Available for nonmajor graduate credit
 1166005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

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

ASTRODYNAMICS I AER E 351 3 CREDITS
 Prereq: E M 345, AER E 261, CREDIT OR ENROLLMENT
 IN AER E 243
 Note: COURSE RESTRICTED TO AER E JUNIORS AND SENIORS
 Available for nonmajor graduate credit
 1168005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

COMP TECHNQ AER DSN AER E 361 3 CREDITS
 Prereq: 243, MATH 267, E M 324, E M 345
 Note: COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 Available for nonmajor graduate credit
 1170005 1 MW 2:10-3:00
 T 2:10-4:00
 MEETS: JAN 10-MAY 6
 1170010 2 MW 2:10-3:00
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 1170015 3 MW 2:10-3:00
 R 10:00-11:50
 MEETS: JAN 10-MAY 6

INTRO WIND ENERGY AER E 381X 3 CREDITS
 Prereq: MATH 166, PHYS 221
 9100005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

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

ENGR INTERNSHIP AER E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGR
 CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

AER VEH PROPULSN II AER E 412 3 CREDITS
 Prereq: 343, 411
 Note: Available for nonmajor graduate credit
 1174005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

ADV FLIGHT STRUCTRS AER E 421 3 CREDITS
 Prereq: 321, MATH 266 OR 267
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 Available for nonmajor graduate credit
 1176005 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

DSIGN AEROSP STRUCT AER E 426 3 CREDITS
 Prereq: E M 324
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 Available for nonmajor graduate credit
 6157005 1 MW 12:10-1:00
 R 9:00-10:50
 MEETS: JAN 10-MAY 6
 6157010 2 MW 12:10-1:00
 R 2:10-4:00
 MEETS: JAN 10-MAY 6

FLUID DYN TURBOMACH AER E 448 3 CREDITS
 Prereq: M E 335 OR EQUIVALENT
 Note: COURSE RESTRICTED TO AER E AND M E MAJORS
 Available for nonmajor graduate credit
 1339005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

AEROSPACE ENGINEERING (CONTINUED)

AEROSPACE ENGINEERING (CONTINUED)

ASTRODYNAMICS II AER E 451 3 CREDITS
 Prereq: 351
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 Available for nonmajor graduate credit
 1184005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

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

DESIGN AEROSPAC SYS AER E 462 3 CREDITS
 Prereq: 461
 Note: COURSE RESTRICTED TO AER E SENIORS ONLY
 1187005 1 T 8:00-9:20
 T 11:00-1:00
 R 9:00-10:50
 MEETS: JAN 10-MAY 6
 1187010 2 T 8:00-9:20
 T 1:30-3:20
 R 11:00-12:50
 MEETS: JAN 10-MAY 6

SPACECRAFT SYSTEMS AER E 464 3 CREDITS
 Prereq: 351
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY
 Available for nonmajor graduate credit
 1188005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

MULTIDISC ENGR DSGN AER E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 8778005 A T 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

MLTDISC ENGR DSN II AER E 467X 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATION OR RECEIVE PERMISSION OF INSTRUCTOR
 9031005 R 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

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

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

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

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

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

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

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

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

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

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

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

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

INDEPENDENT STUDY AER E 4900 1- 6 CREDITS
 Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 1343005 DH ARRANGED
 MEETS: JAN 10-MAY 6

AEROSPACE SEMINAR AER E 491 R CREDIT
 Note: COURSE RESTRICTED TO AER E MAJOR ONLY.
 Satisfactory-Fail Only.
 1198005 R 2:10-3:00
 MEETS: JAN 10-MAY 6

AEROSPACE SEMINAR AER E 492 R CREDIT
 Note: COURSE RESTRICTED TO AER E MAJORS ONLY.
 Satisfactory-Fail Only.
 1199005 1 T 3:40-5:00
 MEETS: JAN 10-MAY 6
 1199010 2 R 3:40-5:00
 MEETS: JAN 10-MAY 6

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

SENIOR PROJECT AER E 499 1- 2 CREDITS
 Prereq: SENIOR CLASSIFICATION, CR OR ENR IN 491
 4759005 ARRANGED
 MEETS: JAN 10-MAY 6

EXPERIMNTL MECHANCS AER E 517 4 CREDITS
 Prereq: E M 510 OR 514 OR 516
 1662005 TR 9:30-10:50
 ARRANGED
 MEETS: JAN 10-MAY 6

AUTO CNTROL FLT VEH AER E 531 3 CREDITS
 Prereq: 331
 1204005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

COMPRESBL FLUID FLO AER E 532 3 CREDITS
 Prereq: 541 OR M E 335
 6032005 A TR 8:00-9:20
 MEETS: JAN 10-MAY 6

ADV EXP TCNQ TH-FLD AER E 545 3 CREDITS
 Prereq: 343 OR M E 335 OR E M 378
 8681005 MW 12:10-1:00
 F 12:10-2:00
 MEETS: JAN 10-MAY 6

FLU MECH&HEAT TR II AER E 547 3 CREDITS
 Prereq: 546
 1213005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

RANDOM SIGNAL&KALMN AER E 573 3 CREDITS
 Prereq: 331 OR E E 324 OR M E 370 OR 411 OR MATH
 341 OR 395
 8187005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

OPTIMAL CONTROL AER E 574 3 CREDITS
 Prereq: 577
 8188005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

INTRO ROBUST CNTRL AER E 575 3 CREDITS
 Prereq: 577
 4429005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

DIGIT FEEDBCK CNTRL AER E 576 3 CREDITS
 Prereq: 432 OR E E 475 OR M E 411 OR 414 OR MATH
 415; AND MATH 267
 8189005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

NONLINEAR SYSTEMS AER E 578 3 CREDITS
 Prereq: 577
 8191005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

PERTURBATION METHDS AER E 581 3 CREDITS
 Prereq: MATH 267
 7884005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

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

AEROSPACE ENGINEERING (CONTINUED)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ENGINEERG INTERNSHP AER E 697 R CREDIT
 Prereq: PERMISSION OF DOGE, GRADUATE CLASSIFICATN
 Satisfactory-Fail Only.
 8131005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: College permission required.

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

AFRICAN AND AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST AF AM 201 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 8310005 A TR 12:40-2:00 ADELEKE T
 8310010 B TR 12:40-2:00
 MEETS: JAN 10-MAY 6

ETHNIC&RACE RELATNS AF AM 330 3 CREDITS
 Prereq: SOC 130 OR 134
 Note: SEC A1,B1 ETC RESTRICTED TO SOC, P S A MAJORS.
 SEC A2,B2 ETC FOR MAJORS OTHER THAN SOC, P S A.
 Meets U.S. diversity reqmt
 8638005 A1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 8638010 A2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 8638015 B1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 8638020 B2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

AFRICAN AND AFRICAN AMERICAN STUDIES (CONTINUED)

AFRI AMER RELIG EXP AF AM 334 3 CREDITS
 Prereq: PRIOR COURSE IN RELIG OR AF AM
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 8661005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

AFRICAN AMERI WOMEN AF AM 350 3 CREDITS
 Prereq: 3 CREDITS IN W S ORAF AM
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 2570005 M 3:30-6:20PM SAWYER M
 MEETS: JAN 10-MAY 6

SLVRY RACISM LNCHNG AF AM 447X 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9244005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY AF AM 490 1- 3 CREDITS
 Prereq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR
 AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM
 Note: Instructor permission required.
 8357005 ARRANGED
 MEETS: JAN 10-MAY 6

AGRICULTURAL EDUCATION & STUDIES

ORIENT GENERAL AGRI AGEDS 110C .5 CREDIT
 8358005 MW 12:10-1:00 OSBORN B
 MEETS: JAN 10-MARCH 4

AG BIOTECHN COLLOQ AGEDS 112 1 CREDIT
 Prereq: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR
 1303005 T 1:10-2:00 BEITZ D
 MEETS: JAN 10-MAY 6

FIELD EXP H.S. AGRI AGEDS 211A 1 CREDIT
 Prereq: 110
 7586005 1 ARRANGED BROWN S
 MEETS: JAN 10-MAY 6

FIELD EXP EXTENSION AGEDS 211B 1 CREDIT
 Prereq: 110
 7594005 1 ARRANGED BROWN S
 MEETS: JAN 10-MAY 6

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT
 Prereq: 110
 7603005 1 ARRANGED BROWN S
 MEETS: JAN 10-MAY 6

CAREER SEMINAR AGEDS 215 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 1385005 1 TR 11:00-11:50 MARTIN R
 MEETS: JAN 10-MARCH 4

SPECIAL PROBLEMS AGEDS 290 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 1270005 ARRANGED
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN AGEDS 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 1350005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

FOUND AG ED PROGRMS AGEDS 310 2 CREDITS
 8790005 TR 9:30-10:20 PAULSEN T
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00

PRESENTN STRATEGIES AGEDS 311 3 CREDITS
 1272005 1 MWF 11:00-11:50 MARTIN R
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$15.00

1272010 2 MWF 9:00-9:50 ANDERSON R
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$15.00

1272015 3 TR 9:30-10:50 DOLLISSO A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$15.00

SCI WITH PRACTICE AGEDS 312 2 CREDITS
 Prereq: MAJOR IN THE COLLEGE OF AG LS
 8006005 W 5:10-7:00PM RETALLICK M
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

LEADERSHIP IN AGRIC AGEDS 315 3 CREDITS
 1273005 1 M 12:10-1:30, ARRANGED DOLLISSO A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00

1273010 2 T 12:40-2:00, ARRANGED DOLLISSO A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

ADV COMM AG&LIF SCI AGEDS 327X 3 CREDITS
 Prereq: ENGL 250
 9159005 1 M 3:10-5:00 GRUDENS-SCHUCK N
 T 10:00-11:50 GRUDENS-SCHUCK N
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00
 9159010 2 M 3:10-5:00 GRUDENS-SCHUCK N
 R 10:00-11:50 GRUDENS-SCHUCK N
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00

COOPERATIVE EDUCATN AGEDS 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 1356005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Permission of department chair required.

INTERNSHIP IN AGEDS AGEDS 412 2- 6 CREDITS
 Prereq: 211, JR CLASSIF IN AGEDS, INSTR PERMISSN
 Note: Available for nonmajor graduate credit
 ***** SEE DEPT FOR REFERENCE NUMBERS

NONFORMAL AG ED PRG AGEDS 414 2 CREDITS
 Prereq: 211 AND PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 1278005 1 TR 1:10-2:00 MARTIN R
 MEETS: JAN 10-MAY 6

PRE-STDT TCHG EXPER AGEDS 416 1 CREDIT
 Prereq: 211, 402 AND ADMISSION TO TEACHER EDUC
 PROGRAM. CONCURRENT ENROLLMENT IN 417 IS REQUIRED.
 1886005 1 ARRANGED MILLER G
 MEETS: JAN 10-MAY 6

SUPRV TEACHNG IN AG AGEDS 417 1-16 CREDITS
 Prereq: 211, 402 & ADMISSION TO TEACHER EDUC PROG
 1281005 1 ARRANGED MILLER W
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$26.00-\$364.00

SUPRV EXTENSN EXPER AGEDS 418 2- 8 CREDITS
 Prereq: 211, JR CLASSIFICTN, INSTRUCTOR PERMISSN
 Note: Available for nonmajor graduate credit
 1282005 1 ARRANGED BROWN S
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Professional support fee \$65.00

FARM MGMT&OPERATION AGEDS 450 3 CREDITS
 Prereq: ECON 235, 330, JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 1386005 1 T 1:10-2:00 PAULSEN T
 TR 2:10-5:00 PAULSEN T
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

AGRICULTURAL LAW AGEDS 451 4 CREDITS
 Prereq: SENIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 6798005 MWF 10:00-10:50 MCEOWEN R
 M 3:10-5:00 MCEOWEN R
 MEETS: JAN 10-MAY 6

MTHDS TCHG AG MECHN AGEDS 488 3 CREDITS
 Prereq: 211
 Note: Available for nonmajor graduate credit
 5124005 M 1:10-3:00 ANDERSON R
 W 1:10-4:00 ANDERSON R
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

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

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

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

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

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

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

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

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

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 7499005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

COOPERATIVE EDUCATN AGEDS 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 1361005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, ADVISER, &
 DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 8361005 ARRANGED
 MEETS: JAN 10-MAY 6

INTR RESEARCH AG ED AGEDS 510 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 6713005 ARRANGED MILLER G
 MEETS: JAN 10-MAY 6
 6713600 XH ARRANGED MILLER G
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Instructor permission required 1st week.
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>
 6713605 XW ARRANGED MILLER G
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$155.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

INSTRUCTIONL METHDS AGEDS 520 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 1299005 ARRANGED RETALICK M
 MEETS: JAN 10-MAY 6
 1299600 XH ARRANGED RETALICK M
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>
 1299605 XW ARRANGED RETALICK M
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$155.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

INTR LRNG THRY AGED AGEDS 533 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 8005005 ARRANGED ANDERSON R
 MEETS: JAN 10-MAY 6
 8005600 XH ARRANGED ANDERSON R
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support/comp.reqs.php
 8005605 XW ARRANGED ANDERSON R
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$155.00
 Cmptr reqmt: http://www.agde.iastate.edu/support/comp.reqs.php

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

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

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

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

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

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

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

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

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

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

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

WORKSHOP CURRICULUM AGEDS 593A 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1317005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$25.00

METHODS WORKSHOP AGEDS 593B 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1318005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$25.00

WORKSHOP EVALUATION AGEDS 593C 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1319005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$25.00

ADMINISTRTRN WORKSHP AGEDS 593D 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1320005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$25.00

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1321005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$25.00

AGRICULTURAL EDUCATION & STUDIES (CONTINUED)

WORKSHOP EXTENSION AGEDS 593F 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1322005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$25.00
 1322600 XW ARRANGED MCEOWEN R
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$156.00
 Cmptr reqmt: http://www.agde.iastate.edu/support/comp.reqs.php

WRKSHP PROGRAM PLAN AGEDS 593G 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1323005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 1890005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$25.00

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CREDITS
 Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
 6536005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee

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

AGEDS SEMINR ETHICS AGEDS 615B 1 CREDIT
 Satisfactory-Fail Only.
 2938005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMINR CNTMPRY ISSU AGEDS 615E 1 CREDIT
 Satisfactory-Fail Only.
 2980005 ARRANGED
 MEETS: JAN 10-MAY 6

PRO INTERNSHP AG ED AGEDS 617 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

AGRICULTURAL ENGINEERING

EXPERNC AG&BIO ENGR A E 110 1 CREDIT
 1001005 A T 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$20.00
 1001010 B R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$20.00
 1001015 C R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$20.00

ENG GRPHC&INTRO DSN A E 170X 3 CREDITS
 Prereq: SATISFACTORY SCORES ON MATHEMATICS
 PLACEMENT ASSESSMENTS; CREDIT OR ENROLLMT IN MATH 142
 9319005 MW 12:10-2:00
 MEETS: JAN 10-MAY 6

ENTREPRN&INTERN SEM A E 201 1 CREDIT
 Prereq: SOPH CLASSIF IN A E, AST, BSE OR I TEC
 1373005 A MW 4:10-5:00
 MEETS: JAN 10-MARCH 4

FND AG &BIOSYS ENGR A E 216 3 CREDITS
 Prereq: 110, ENGR 160, CR OR ENROLLMT IN MATH 166
 1096005 A TR 12:10-1:00
 T 1:10-3:00
 MEETS: JAN 10-MAY 6

PARAM SLD MODEL ENG A E 271 1 CREDIT
 Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT
 9153005 A M 9:00-9:50
 W 8:00-9:50
 MEETS: JAN 10-MARCH 4
 Note: SEC A RESTRICTED TO STUDENTS IN COLLEGE OF ENGINEERING.
 9153010 B M 9:00-9:50
 W 8:00-9:50
 MEETS: JAN 10-MARCH 4
 Note: SEC B RESTRICTED TO A E, AST & I TEC MAJORS ONLY.

AGRICULTURAL ENGINEERING (CONTINUED)

AGRICULTURAL ENGINEERING (CONTINUED)

PRO/ENG MOD&ASSEMBL A E 272 1 CREDIT
 Prereq: ENGR 170 OR TSM 116 OR EQUIVALENT
 2650005 A M 9:00-9:50
 W 8:00-9:50
 MEETS: MARCH 7-MAY 6
 Note: SEC A RESTRICTED TO STUDENTS IN THE COLLEGE OF ENGINEERING.
 2650010 B M 9:00-9:50
 W 8:00-9:50
 MEETS: MARCH 7-MAY 6
 Note: SEC B RESTRICTED TO A E, AST & I TEC MAJORS ONLY.

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

AGRI TRACTOR POWER A E 342 3 CREDITS
 Prereq: M E 330 OR CH E 381 OR M E 231
 Note: SEC A1,B1 RESTRICTED TO A E MAJORS ONLY.
 SEC A2,B2 RESTRICTED TO COLLEGE OF ENGINEERING MAJORS ONLY.
 Available for nonmajor graduate credit
 1008005 A1 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Equipment use and field trips & travel fee \$10.00
 1008010 A2 MW 11:00-11:50
 M 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Equipment use and field trips & travel fee \$10.00
 1008015 B1 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Equipment use and field trips & travel fee \$10.00
 1008020 B2 MW 11:00-11:50
 M 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Equipment use and field trips & travel fee \$10.00

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

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

SYS MODELG&CONTROLS A E 403 3 CREDITS
 Prereq: 363, MATH 267
 1528005 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$5.00
 1528600 XE ARRANGED STEWARD B
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MW 9-9:50 AM AND F 9-10:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

ELTRN SYS INTGRT AG A E 410X 3 CREDITS
 Prereq: 363 OR EQUIVALENT
 Note: Available for nonmajor graduate credit
 8922005 A M 3:10-5:00
 F 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 8922010 B M 3:10-5:00
 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00

AGRIC ENGR DESIGN I A E 415 2 CREDITS
 Prereq: 271 OR 272, E M 324
 Note: Available for nonmajor graduate credit
 8253005 M 2:10-3:00, ARRANGED
 MEETS: JAN 10-MAY 6

AG ENGR DESIGN II A E 416 2 CREDITS
 Prereq: 415
 Note: Available for nonmajor graduate credit
 7302005 ARRANGED
 MEETS: JAN 10-MAY 6

NONPNT SRC POLLU&CN A E 432X 3 CREDITS
 Prereq: E M 378 OR CH E 356 OR M E 335
 8640005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

MULTIDISC ENGR DSGN A E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 8891005 A T 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

GRAIN PROCESS&HANDL A E 469 3 CREDITS
 Prereq: 216
 1371005 MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$21.00

WOOD-FRM STRUC DSGN A E 478 3 CREDITS
 Prereq: 216, E M 324
 8230005 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

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

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

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

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

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

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

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

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

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

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

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

FUND BIORENEW RESOU A E 501 3 CREDITS
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 4267005 A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

MODELG&CONTROLS SYS A E 503 3 CREDITS
 Prereq: 363, MATH 267
 1032005 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$5.00
 1032600 XE ARRANGED STEWARD B
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MW 9-9:50 AM AND F 9-10:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

ELTRN SYS INTGRT AG A E 510X 3 CREDITS
 Prereq: 363 OR EQUIVALENT
 8923005 A M 3:10-5:00
 F 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 8923010 B M 3:10-5:00
 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00

AGRICULTURAL ENGINEERING (CONTINUED)

AGRICULTURAL ENGINEERING (CONTINUED)

AIR POLLUT AIR QUAL A E 524A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR
 IN STAT; SENIOR OR ABOVE CLASSIFICATION
 1862005 1 ARRANGED
 MEETS: JAN 10-MAY 6

NONPNT SRC POLLU&CN A E 532X 3 CREDITS
 Prereq: E M 378 OR CH E 356 OR M E 335
 8651005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

TMDL DEVL&IMPLEMNT A E 537X 3 CREDITS
 Prereq: C E 372 OR EQUIVALENT
 2492005 TR 2:10-3:00
 T 3:10-5:00
 MEETS: JAN 10-MAY 6

BIOMASS PRETREATMNT A E 568X 3 CREDITS
 Prereq: CH E 357 OR M E 436
 8924005 TR 10:00-10:50
 T 1:10-3:00
 MEETS: JAN 10-MAY 6

GRAIN PROCESS&HNDLG A E 569 3 CREDITS
 Prereq: 216
 1035005 MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$21.00

WOOD-FRAM STRUC DSN A E 578 3 CREDITS
 Prereq: 216, E M 324
 8240005 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

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

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

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

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

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

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

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

MASTER'S TECH COMM A E 598 1 CREDIT
 Satisfactory-Fail Only.
 8332005 ARRANGED
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT A E 599 VAR. CREDITS
 1044005 ARRANGED
 MEETS: JAN 10-MAY 6

ADVANCED TOPICS A E 690 VAR. CREDITS
 1048005 ARRANGED
 MEETS: JAN 10-MAY 6

TEACHING PRACTICUM A E 694 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION AND PERMISSION OF
 INSTRUCTOR
 6457005 ARRANGED
 MEETS: JAN 10-MAY 6

ENGINEERG INTERNSHP A E 697 R CREDIT
 Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
 Satisfactory-Fail Only.
 1700005 ARRANGED
 MEETS: JAN 10-MAY 6

DOCTORAL TECH COMM A E 698 1 CREDIT
 Satisfactory-Fail Only.
 8333005 ARRANGED
 MEETS: JAN 10-MAY 6

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

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

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

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

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

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

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

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

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

AGRONOMY

PRINCIP OF AGRONOMY AGRON 114 3 CREDITS
 1391010 1 MW 4:10-5:00 MULLEN R
 R 11:00-11:50 MULLEN R
 ARRANGED MULLEN R
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391015 2 MW 4:10-5:00 MULLEN R
 R 2:10-3:00, ARRANGED MULLEN R
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391020 3 MW 4:10-5:00 MULLEN R
 F 9:00-9:50, ARRANGED MULLEN R
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/courses/agron114/default.html>

1391600 XW ARRANGED MULLEN R
 MEETS: JAN 10-MAY 6
 Note: CONTACT RUSS MULLEN FOR PERMISSION TO REGISTER AT
 515-294-3271/REMULLEN@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WW
 Delivery fee \$117.00
 Cmptr reqmt: <http://webcom3.grtxle.com/agronomy>

INTR RENEW RESOURCS AGRON 120 3 CREDITS
 1382005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

1382600 XW ARRANGED HALL R
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WW
 Delivery fee \$105.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

FUND OF SOIL SCIENC AGRON 154 3 CREDITS
 Prereq: CHEM 163
 Note: 2-4 HRS AUDIO TUTORIAL IN ADDITION TO SCHEDULED
 CLASS PERIODS. CREDIT FOR ONLY ONE OF THE FOLLOWING
 COURSES MAY BE APPLIED TOWARD GRADUATION: AGRON 154,
 AGRON 155, AGRON 156.

1395010 1 M 12:10-1:00 MANU A
 T 9:00-9:50, ARRANGED MANU A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/soils/>

1395015 2 M 12:10-1:00 MANU A
 T 10:00-10:50 MANU A
 ARRANGED MANU A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/soils/>

1395020 3 M 12:10-1:00 MANU A
 T 11:00-11:50 MANU A
 ARRANGED MANU A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/soils/>

1395025 4 M 12:10-1:00 MANU A
 T 12:10-1:00, ARRANGED MANU A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/soils/>

1395030 5 M 4:10-5:00 MANU A
 R 9:00-9:50, ARRANGED MANU A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/soils/>

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

1395040 7 M 4:10-5:00 MANU A
 R 11:00-11:50 MANU A
 ARRANGED MANU A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00

AGRONOMY

(CONTINUED)

FUND OF SOIL SCIENC AGRON 154 3 CREDITS
 Section info: <http://www.agron.iastate.edu/soils/>
 1395045 8 M 4:10-5:00 MANU A
 R 1:10-2:00, ARRANGED MANU A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/soils/>
 1395050 9 M 4:10-5:00 MANU A
 W 12:10-1:00, ARRANGED MANU A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/soils/>
 1395600 XC ARRANGED HASSELMAN E
 MEETS: JAN 10-MAY 6
 Note: Section XC is off campus
 Course delivery is CD
 Delivery fee \$105.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

SOILS HORT SCIENTST AGRON 155 3 CREDITS
 Prereq: CHEM 163, RESTRICTED TO STUDENTS IN HORT
 Note: COURSE RESTRICTED TO HORT MAJORS ONLY. 2-4 HRS
 AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS
 CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE
 APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155,
 AGRON 156.
 6154005 1 M 12:10-1:00 MANU A
 W 1:10-2:00, ARRANGED MANU A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/soils/>
 6154010 2 M 12:10-1:00 MANU A
 W 3:10-4:00, ARRANGED MANU A
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 Section info: <http://www.agron.iastate.edu/soils/>

WORLD WATER RESOURC AGRON 160 3 CREDITS
 3243005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

INTRO METEOROLOGY AGRON 206 3 CREDITS
 1397005 MWF 2:10-3:00 CERVATO C
 MEETS: JAN 10-MAY 6

CROP GWRTH,PROD&MGT AGRON 212 4 CREDITS
 Prereq: 114
 1399005 1 MWF 11:00-11:50
 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 1399010 2 MWF 11:00-11:50
 T 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 1399015 3 MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00
 1399020 4 MWF 11:00-11:50
 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$100.00

WEED IDENTIFICATION AGRON 217X 1 CREDIT
 Prereq: BIOL 101 OR EQUIVALENT
 8841005 R 2:10-5:00
 MEETS: MARCH 7-MAY 6

SOILS&ENVIR QUALITY AGRON 260 3 CREDITS
 3973005 1 MWF 12:10-1:00 BURRAS C
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$10.00

PESTICIDE APPL CERT AGRON 283 2 CREDITS
 1905005 MW 2:10-3:00 HOLSCHER K
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN AGRON 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR, SOPHOMORE CLASSIFICATION
 1401005 ARRANGED BURRAS C
 MEETS: JAN 10-MAY 6

PROF DEVEL:WORK EXP AGRON 310 R CREDIT
 Satisfactory-Fail Only.
 1389005 ARRANGED BURRAS C
 MEETS: JAN 10-MAY 6

CROP STRUC-FUNC REL AGRON 316 3 CREDITS
 Prereq: BIOL 211 RECOMMENDED
 1406005 MWF 2:10-3:00 KNAPP A
 MEETS: JAN 10-MAY 6

AGRONOMY

(CONTINUED)

GENET,AGRI&BIOTECHN AGRON 320 3 CREDITS
 Prereq: BIOL 212
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 1418005 TR 8:00-9:20 SALAS-FERNANDEZ
 MEETS: JAN 10-MAY 6

INTERCOLL CROP TEAM AGRON 331 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 1408005 T 3:30-7:00PM MULLEN R
 MEETS: JAN 10-MAY 6

FORAGE CROP MGMT AGRON 334 3 CREDITS
 Prereq: 114
 Note: Available for nonmajor graduate credit
 1409005 TR 11:00-12:20 BARNHART S
 MEETS: JAN 10-MAY 6
 Section info: <http://www.agron.iastate.edu/courses/agron334/default.htm>

WORLD FOOD ISSUES AGRON 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 1402005 1 TR 11:00-12:20 ZDORKOWSKI G
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$0.00-\$15.00
 1402010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 10-MAY 6
 Note: SEC. 2 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 Professional support fee \$0.00-\$15.00
 1402015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$0.00-\$15.00
 1402020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 10-MAY 6
 Note: SEC. 4 RESTRICTED AGRON, CS A, CS H,
 DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA
 & PDEXH MAJORS ONLY.
 Professional support fee \$0.00-\$15.00
 1402600 XW ARRANGED FORD C
 MEETS: JAN 10-MAY 6
 Note: CONTACT CLARK FORD FOR PERMISSION TO REGISTER AT
 515-294-0343/CFPORD@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$155.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

SOILS & PLANT GROWTH AGRON 354 3 CREDITS
 Prereq: 154 AND BIOL 101 OR 212
 Note: Available for nonmajor graduate credit
 1414005 1 MWF 8:00-8:50 KILLORN R
 MEETS: JAN 10-MAY 6
 Section info: <http://www.agron.iastate.edu/courses/agron354/>
 1414010 2 MWF 10:00-10:50 LOYNACHAN T
 MEETS: JAN 10-MAY 6
 Section info: <http://www.public.iastate.edu/~teloynac/354out1.html>

ENVIRN SOIL SCIENCE AGRON 360 3 CREDITS
 Prereq: 260 OR GEOL 100 OR 201
 3989005 1 MW 9:00-9:50 BURRAS C
 T 3:10-6:00PM BURRAS C
 MEETS: JAN 10-MAY 6
 3989010 2 MW 9:00-9:50 KILLORN R
 W 2:10-5:00 KILLORN R
 MEETS: JAN 10-MAY 6

FLD EXP SOIL DESCRP AGRON 370 1 CREDIT
 Prereq: 154 AND PERMISSION OF INSTRUCTOR
 1417005 R 3:10-6:00PM SANDOR J
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

SYST CROP&SOIL MGMT AGRON 392 3 CREDITS
 Prereq: 316, 354
 4515005 MW 1:10-2:00 WIEDENHOEFT M
 M 2:10-5:00 WIEDENHOEFT M
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN AGRON 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
 1411005 ARRANGED WIEDENHOEFT M
 MEETS: JAN 10-MAY 6

GLOBAL CHANGE AGRON 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING, JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 8140005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 10-MAY 6
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

AGRONOMY (CONTINUED)

AGRONOMY (CONTINUED)

ENVIRONM BIOPHYSICS AGRON 405 3 CREDITS
 Prereq: MATH 166 OR EQUIVALENT
 Note: Available for nonmajor graduate credit
 3047005 TR 11:00-12:30 HORNBUCKLE B
 MEETS: JAN 10-MAY 6

PRO DEVELP SR FORUM AGRON 410 1 CREDIT
 Prereq: SENIOR CLASSIFICATION
 1428005 A T 2:10-3:00 LAMKEY K
 MEETS: JAN 10-MAY 6

EVOLTNRY ECOL WEEDS AGRON 417 3 CREDITS
 Prereq: 317
 3094005 TR 8:00-9:20 DEKKER J
 MEETS: JAN 10-MAY 6
 3094600 XW ARRANGED DEKKER J
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Section info: <http://www.agron.iastate.edu/~weeds/ag517/ag517hp.html>
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

SOIL FORMATN&LANDSC AGRON 463 4 CREDITS
 Prereq: 154 OR 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 1435010 1 TR 10:00-10:50 SANDOR J
 T 2:10-5:00, ARRANGED SANDOR J
 MEETS: JAN 10-MAY 6
 Note: Equipment use and field trips & travel fee \$30.00-\$50.00

SOIL PHYSICS AGRON 477 3 CREDITS
 Prereq: 354. MATH 166 IS RECOMMENDED.
 3144005 MWF 10:00-10:50 HORTON R
 MEETS: JAN 10-MAY 6

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

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

SEED SCI INTERNSHIP AGRON 491 1- 2 CREDITS
 Prereq: 338, ADVANCED APPROVAL AND PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 Note: Instructor permission required.
 1440005 1 ARRANGED KNAPP A
 MEETS: JAN 10-MAY 6
 1440010 2 ARRANGED MULLEN R
 MEETS: JAN 10-MAY 6

AG TRAVEL CRSE PREP AGRON 495 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 9432005 ARRANGED
 MEETS: JAN 10-MAY 6

AG INT'L TRAVL TOUR AGRON 496A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 9433800 AT ARRANGED LUVAGA E
 MEETS: JAN 12-MAY 6
 Note: SEC AT TAUGHT IN AUSTRALIA. TOPIC: AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN AUSTRALIA. SPRING 2011 - TRAVEL MARCH 10-20
 Materials, field trips &/or travel fee \$700.00-\$4,500.00
 Study Abroad Administrative Fee Applies
 9433805 CR ARRANGED KILLORN R
 MEETS: JAN 10-MARCH 29
 Note: SEC CR TAUGHT IN COSTA RICA. TOPIC: SOIL, CROPS AND WATER OF COSTA RICA. SPRING 2011 - TRAVEL MARCH 10-20
 Materials, field trips &/or travel fee \$700.00-\$4,500.00
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUCATN AGRON 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 1416005 ARRANGED WIEDENHOEFT M
 MEETS: JAN 10-MAY 6

CROP GROWTH &DEVELP AGRON 501 3 CREDITS
 Prereq: 114, MATH 140, CHEM 163, BIOL 101
 6438600 XW ARRANGED KNAPP A
 MEETS: JAN 10-MAY 6
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Secondary delivery is CD
 Delivery fee \$150.00
 Cmptr reqmt: <http://www.masters.agron.iastate.edu/students/techrequirements.aspx>

CHEM,PHYS&BIOL SOIL AGRON 502 3 CREDITS
 Prereq: 114, 154, BIOL 101, CHEM 163, & MATH 140
 6442600 XW ARRANGED DOBILL D
 MEETS: JAN 10-MAY 6
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Secondary delivery is CD
 Delivery fee \$150.00
 Cmptr reqmt: <http://www.masters.agron.iastate.edu/students/techrequirements.aspx>

GLOBAL CHANGE AGRON 504 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING
 8143005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 10-MAY 6

ENVIRONM BIOPHYSICS AGRON 505 3 CREDITS
 Prereq: MATH 166 OR EQUIVALENT
 Note: Instructor permission required 1st week.
 1442005 TR 11:00-12:30 HORNBUCKLE B
 MEETS: JAN 10-MAY 6

CROP IMPROVEMENT AGRON 511 3 CREDITS
 Prereq: 114, MATH 140, CHEM 163, BIOL 101/109
 6455600 XW ARRANGED CAMPBELL A
 MEETS: JAN 10-MAY 6
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Secondary delivery is CD
 Delivery fee \$150.00
 Cmptr reqmt: <http://www.masters.agron.iastate.edu/students/techrequirements.aspx>

SOIL-PLANT ENVIRONM AGRON 512 3 CREDITS
 Prereq: 502. 501 RECOMMENDED.
 6481600 XW ARRANGED LOYNACHAN T
 MEETS: JAN 10-MAY 6
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Secondary delivery is CD
 Delivery fee \$150.00
 Cmptr reqmt: <http://www.masters.agron.iastate.edu/students/techrequirements.aspx>

QUANTITATIVE METHDS AGRON 513 3 CREDITS
 Prereq: 114, MATH 140, STAT 104
 6456600 XW ARRANGED MOORE K
 MEETS: JAN 10-MAY 6
 Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU.
 Section XW is off campus
 Course delivery is WWW
 Secondary delivery is CD
 Delivery fee \$150.00
 Cmptr reqmt: <http://www.masters.agron.iastate.edu/students/techrequirements.aspx>

CROP PHYSIOLOGY AGRON 516 3 CREDITS
 1444005 MW 9:00-10:30 WESTGATE M
 MEETS: JAN 10-MAY 6

EVOLTNRY ECOL WEEDS AGRON 517 3 CREDITS
 Prereq: 317
 1445005 TR 8:00-9:20 DEKKER J
 MEETS: JAN 10-MAY 6
 1445600 XW ARRANGED DEKKER J
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Section info: <http://www.agron.iastate.edu/~weeds/ag517/ag517hp.html>
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

AGRONOMY		(CONTINUED)
HERBICIDE PHY&BIOCH	AGRON 519	2 CREDITS
Prereq: 317, BIOL 330		
1446005	ARRANGED	OWEN M
	MEETS: JAN 10-MAY 6	
MOLECLR PLANT BREED	AGRON 523X	3 CREDITS
Prereq: AGRON 421 OR 521, GDCE 542A		
9206005	TR 8:00-9:20	LUBBERSTEDT T
	MEETS: JAN 10-MAY 6	
FIELD PLOT TECHNIQS	AGRON 526	3 CREDITS
Prereq: STAT 401		
1450005	TR 9:30-10:50	MOORE K
	R 2:10-4:00	MOORE K
	MEETS: JAN 10-MAY 6	
PLANT GENETICS	AGRON 527	3 CREDITS
Prereq: GEN 410		
2358005	MWF 10:00-10:50	BHATTACHARYYA M
	MEETS: JAN 10-MAY 6	
PBLSH BIOL SCI JRNL	AGRON 529	2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR; EVIDENCE OF A PUBLISHABLE UNIT OF THE STUDENT'S RESEARCH DATA		
7114005	TR 3:10-4:00	
	MEETS: JAN 10-MAY 6	
APPLD AG METEOROLGY	AGRON 541	2- 3 CREDITS
Prereq: 206 OR UPPER DIVISION BIOLOGICAL SCIENCE		
Note: CREDIT FOR EITHER AGRON 541 OR AGRON 503, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION		
1454005	ARRANGED	TAYLOR S
	MEETS: JAN 10-MAY 6	
LVSTK:GRZ&PTHGN ISS	AGRON 543A	2 CREDITS
Prereq: AN S 319, OR AGRON 212 AND 354		
9521600	XW ARRANGED	RUSSELL J
	MEETS: JAN 10-MAY 6	
Note: FOR PERMISSION TO REGISTER STUDENTS WHO WANT AN S 593A NEED TO CONTACT JIM RUSSELL AT 515-294-4631 OR JRUSSELL@IASTATE.EDU AND STUDENTS WHO WANT AGRON 593A NEED TO CONTACT MARY WIEDENHOEFT AT 515-294-3274 OR MWIEDENH@IASTATE.EDU. Instructor permission required. Section XW is off campus Course delivery is WWW Delivery fee \$105.00 Cmptr reqmt: http://www.agde.iastate.edu/support/comp.reqs.php		
ORG DIVERSIFIED FARM	AGRON 546	3 CREDITS
Prereq: 509		
7440005	TR 8:00-9:20	
	MEETS: JAN 10-MAY 6	
Note: Professional support, field trips &/or travel fee \$40.00		
SOIL FORMATN&LANDSC	AGRON 563	4 CREDITS
Prereq: 154 OR 260		
Note: CREDIT FOR EITHER AGRON/ENSCI 563 OR IA LL/AGRON/ENSCI 563I BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION		
3237010	1 TR 10:00-10:50	SANDOR J
	T 2:10-5:00	ARRANGED SANDOR J
	MEETS: JAN 10-MAY 6	
Note: Equipment use and field trips & travel fee \$30.00-\$50.00		
PRO PRACT RESEARCH	AGRON 565A	1 CREDIT
Prereq: GRADUATE CLASSIFICATION		
2219005	1 T 11:00-11:50	
	MEETS: JAN 10-MAY 6	
2219010	2 W 11:00-11:50	
	MEETS: JAN 10-MAY 6	
PRO PRAC INTEL PROP	AGRON 565B	.5 CREDIT
Prereq: GRADUATE CLASSIFICATION		
2225005	ARRANGED	
	MEETS: JAN 10-MAY 6	
SOIL PHYSICS	AGRON 577	3 CREDITS
Prereq: 354. RECOMMEND: MATH 166		
1464005	MWF 10:00-10:50	HORTON R
	MEETS: JAN 10-MAY 6	
LAB MTHD SOIL PHYSC	AGRON 578	1 CREDIT
Prereq: CONCURRENT ENROLLMENT IN 577		
1465005	M 1:10-4:00	HORTON R
	MEETS: JAN 10-MAY 6	
GIS FOR GEOSCIEN II	AGRON 588X	3 CREDITS
Prereq: FAMILIARITY WITH ARCGIS (A FOUNDATION SUCH AS: ENSCI 446, A E 405/525, A E 408/508, C R P 451/551, NREM 446, GEOL 452/552, OR EQUIVALENT WITH INSTRUCTOR'S APPROVAL)		
9090005	TR 2:10-4:00	
	MEETS: JAN 10-MAY 6	

AGRONOMY		(CONTINUED)
SPECIAL TOPICS	AGRON 590	VAR. CREDITS
Prereq: 15 CREDITS IN AGRONOMY		
*****	SEE DEPT FOR REFERENCE NUMBERS	
AGRONOMIC SYS ANALY	AGRON 591	3 CREDITS
Prereq: 511, 513, 531, 532, 533		
2042600	XW ARRANGED	WIEDENHOEFT M
	MEETS: JAN 10-MAY 6	
Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU. Section XW is off campus Course delivery is WWW Secondary delivery is CD Delivery fee \$150.00 Cmptr reqmt: http://www.masters.agron.iastate.edu/students/techrequirements.aspx		
CURRNT ISSUES AGRON	AGRON 592	3 CREDITS
Prereq: 501, 503, 511, 512, 513, 514		
2044600	XW ARRANGED	FALES S
	MEETS: JAN 10-MAY 6	
Note: RESTRICTED TO GRADUATE STUDENTS ENROLLED IN THE MS IN AGRON ONLINE DEGREE PROGRAM. ALL OTHER MAJORS CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE AT 515-294-2999 OR MSAGRON@IASTATE.EDU. Section XW is off campus Course delivery is WWW Secondary delivery is CD Delivery fee \$150.00 Cmptr reqmt: http://www.masters.agron.iastate.edu/students/techrequirements.aspx		
CR COMP AG METEOROL	AGRON 599A	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
1472005	ARRANGED	
	MEETS: JAN 10-MAY 6	
CR COMP CROP PRD&PH	AGRON 599B	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
1473005	ARRANGED	
	MEETS: JAN 10-MAY 6	
CR COMP PLNT BREEDG	AGRON 599C	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
1474005	ARRANGED	
	MEETS: JAN 10-MAY 6	
CRTV COMP SOIL CHEM	AGRON 599D	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
1475005	ARRANGED	
	MEETS: JAN 10-MAY 6	
CR COMP SOIL FERTIL	AGRON 599E	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
1476005	ARRANGED	
	MEETS: JAN 10-MAY 6	
CRTV COMPN SOIL MGT	AGRON 599F	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
1477005	ARRANGED	
	MEETS: JAN 10-MAY 6	
CR COMP SOIL MICROB	AGRON 599G	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
1478005	ARRANGED	
	MEETS: JAN 10-MAY 6	
CR COMP SOIL MORPHO	AGRON 599H	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
1479005	ARRANGED	
	MEETS: JAN 10-MAY 6	
CR COMP SOIL PHYSCS	AGRON 599I	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
1480005	ARRANGED	
	MEETS: JAN 10-MAY 6	
CRTV COMP SEED SCI	AGRON 599K	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
1639005	ARRANGED	
	MEETS: JAN 10-MAY 6	
CRTV COMP WEED SCI	AGRON 599L	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
1649005	ARRANGED	
	MEETS: JAN 10-MAY 6	
CREATV COMPON AGRON	AGRON 599M	VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY		
Satisfactory-Fail Only.		
6508050	CA ARRANGED	CIHA A
	MEETS: JAN 10-MAY 6	
6508209	RG ARRANGED	HARTZLER R
	MEETS: JAN 10-MAY 6	
6508600	XA ARRANGED	
	MEETS: JAN 10-MAY 6	
Note: CONTACT THE M.S. IN AGRONOMY PROGRAM OFFICE FOR PERMISSION TO REGISTER AT 515-294-2999 OR MSAGRON@IASTATE.EDU. Instructor permission required. Section XA is off campus Course delivery is Independent study		

AGRONOMY (CONTINUED)

PLANT BREEDING SEM AGRON 600A 1 CREDIT
 1481005 W 4:10-5:00
 MEETS: JAN 10-MAY 6

SOILS SEMINAR AGRON 600B 1 CREDIT
 1482005 W 4:10-5:00
 MEETS: JAN 10-MAY 6
 TABATABAI M

CROP PROD&PHYSL SEM AGRON 600C 1 CREDIT
 1483005 Satisfactory-Fail Only.
 T 4:10-5:00
 MEETS: JAN 10-MAY 6

AG METEOROLOGY CONF AGRON 609 1 CREDIT
 1484005 Prereq: PERMISSION OF INSTRUCTOR
 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TP PLT PHY&BIOC AGRON 616 4 CREDITS
 Prereq: GRAD CLASSIFICATION; INSTRUCTOR PERMISSN
 Note: Instructor permission required 1st week.
 1485005 ARRANGED WESTGATE M
 MEETS: JAN 10-MAY 6

RESEARCH SEMINAR AGRON 696 1 CREDIT
 Satisfactory-Fail Only.
 8829005 W 4:10-5:30
 MEETS: JAN 10-MAY 6

AGRON TCHNG PRACTCM AGRON 698 1- 2 CREDITS
 Prereq: GRADUATE CLASSIFICATION IN AGRON AND
 PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

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

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

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

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

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

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

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

AIR FORCE AEROSPACE STUDIES

LEADERSHIP LAB I AFAS 102 1 CREDIT
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8730005 T 6:30-7:50
 MEETS: JAN 10-MAY 6
 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

FOUND U S AIR FORCE AFAS 142 1 CREDIT
 1261005 A T 8:00-8:50
 MEETS: JAN 10-MAY 6
 1261010 B W 1:10-2:00
 MEETS: JAN 10-MAY 6

AIR FRC PHYS TRAINI AFAS 151 1 CREDIT
 Prereq: ENROLLMENT AS A CADET IN AN AFAS CLASS
 Satisfactory-Fail Only.
 7736005 MWF 6:30-7:30
 MEETS: JAN 10-MAY 6
 Note: TIMES LISTED ARE MORNING/A.M.

AIR FORCE AEROSPACE STUDIES (CONTINUED)

LEADERSHIP LAB II AFAS 202 1 CREDIT
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8732005 T 6:30-7:50
 MEETS: JAN 10-MAY 6
 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

EVOL USAF AIR POWER AFAS 242 1 CREDIT
 1263005 A W 9:00-9:50
 MEETS: JAN 10-MAY 6
 1263010 B R 8:00-8:50
 MEETS: JAN 10-MAY 6

LEADERSHIP LAB III AFAS 302 1 CREDIT
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8734005 T 6:30-7:50
 MEETS: JAN 10-MAY 6
 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

AIR F LDRSHP STU II AFAS 342 3 CREDITS
 1265005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 1265600 XW ARRANGED MORGAN K
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

LEADERSHIP LAB IV AFAS 402 1 CREDIT
 Note: OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 8736005 T 6:30-7:50
 MEETS: JAN 10-MAY 6
 Note: A THURSDAY MTG WILL BE SUBSTITUTED THE FIRST WEEK

NATIONAL SECURITY AFAS 442 3 CREDITS
 1267005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 1267600 XW TR 12:40-2:00 NOVY M
 MEETS: JAN 10-MAY 6
 Note: SYNCHRONOUS COURSE: CLASS TIMES ARE SCHEDULED
 WITH REQUIRED VIRTUAL ATTENDANCE.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

AMERICAN INDIAN STUDIES

INTR AM INDIAN STDI AM IN 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 1506005 A MWF 9:00-9:50 COPPOC J
 MEETS: JAN 10-MAY 6
 1506010 B MWF 11:00-11:50 COPPOC J
 MEETS: JAN 10-MAY 6
 1506015 C MWF 1:10-2:00 COPPOC J
 MEETS: JAN 10-MAY 6
 1506020 D TR 9:30-10:50 COPPOC J
 MEETS: JAN 10-MAY 6
 1506025 E TR 12:40-2:00 HILL C
 MEETS: JAN 10-MAY 6
 1506030 F MWF 2:10-3:00 ARNDT G
 MEETS: JAN 10-MAY 6
 1506035 G TR 2:10-3:30 COPPOC J
 MEETS: JAN 10-MAY 6

TOPICS AMERI INDIAN AM IN 310 3 CREDITS
 Note: Meets U.S. diversity reqmt
 9438005 A TR 12:40-2:00 LARSON S
 MEETS: JAN 10-MAY 6

PEOPL&CUL NATV N AM AM IN 322 3 CREDITS
 Prereq: ANTHR 201 OR AM IN 210
 Note: Meets U.S. diversity reqmt
 1508005 1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

TOP LAT AM RACE,CLS AM IN 323C 3 CREDITS
 Prereq: ANTHR 201 OR 306 RECOMMENDED
 Note: Meets international perspectives reqmt
 3547005 1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

AMERICAN INDIAN LIT AM IN 346 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 1511005 A1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 1511010 A2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

AMERICAN INDIAN STUDIES (CONTINUED)

CUR ISSU NATIV N AM AM IN 432 3 CREDITS
 Prereq: ANTHR 201 OR 306; AM IN 210 OR ANTHR 322 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 6348005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

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

ANIMAL ECOLOGY

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

NAT HIST IOWA VERTE A ECL 366 3 CREDITS
 Prereq: BIOL 211, 211L, 212, 212L
 2722005 1 MW 10:00-10:50
 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00

2722010 2 MW 10:00-10:50
 F 10:00-12:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00

INTR AQUAT ANIM MED A ECL 401 1 CREDIT
 6184005 1 T 7:10-9:00PM
 MEETS: MARCH 7-MAY 6

AQUATIC INSECTS A ECL 425 3 CREDITS
 Prereq: BIOL 312 OR EQUIVALENT
 6360005 1 TR 8:00-8:50 COURTNEY G
 F 10:00-1:00 COURTNEY G
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$30.00

AQUACULTURE A ECL 442 3 CREDITS
 Prereq: 486, CREDIT OR ENROLLMENT IN 321
 1071600 XW ARRANGED MORRIS J
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

ORNITHOLOGY A ECL 458 3 CREDITS
 Prereq: 365 OR BIOL 351
 2766005 1 MW 10:00-10:50
 T 7:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00
 2766010 2 MW 10:00-10:50
 W 7:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00

MAMMALOLOGY A ECL 459 3 CREDITS
 Prereq: 365 OR BIOL 351
 2768005 1 MW 2:10-3:00
 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$20.00
 2768010 2 MW 2:10-3:00
 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$20.00

FISHERIES SCIENCE A ECL 520 3 CREDITS
 Prereq: 312,321
 1092005 TR 1:10-2:40 PIERCE C
 MEETS: JAN 10-MAY 6

AQUATIC INSECTS A ECL 525 3 CREDITS
 Prereq: BIOL 312 OR EQUIVALENT
 6381005 1 TR 8:00-8:50 COURTNEY G
 F 10:00-1:00 COURTNEY G
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$30.00

AQUACULTURE A ECL 542 3 CREDITS
 Prereq: 485, CREDIT OR ENROLLMENT IN 321
 1100600 XW ARRANGED MORRIS J
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

ANIMAL ECOLOGY (CONTINUED)

ORNITHOLOGY A ECL 558 3 CREDITS
 Prereq: 365 OR BIOL 351
 2872005 1 MW 10:00-10:50
 T 7:00-9:50
 MEETS: JAN 10-MAY 6

Note: Materials, field trips &/or travel fee \$50.00
 2872010 2 MW 10:00-10:50
 W 7:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00

MAMMALOLOGY A ECL 559 3 CREDITS
 Prereq: 365 OR BIOL 351
 2899005 1 MW 2:10-3:00
 T 9:00-11:50
 MEETS: JAN 10-MAY 6

Note: Materials, field trips &/or travel fee \$20.00
 2899010 2 MW 2:10-3:00
 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$20.00

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

SEMINAR A ECL 600 1 CREDIT
 1107005 1 ARRANGED
 MEETS: JAN 10-MAY 6

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

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

ANIMAL SCIENCE

WORKING WITH ANIMALS AN S 101 2 CREDITS
 1527005 1 W 10:00-10:50
 F 8:00-9:50
 MEETS: JAN 10-MAY 6

Note: Materials, field trips &/or travel fee \$105.00
 1527010 2 W 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 10-MAY 6

Note: Materials, field trips &/or travel fee \$105.00
 1527015 3 W 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 10-MAY 6

Note: Materials, field trips &/or travel fee \$105.00
 1527020 4 W 10:00-10:50
 F 2:10-4:00
 MEETS: JAN 10-MAY 6

Note: Materials, field trips &/or travel fee \$105.00

ORIENTATION IN AN S AN S 110 R CREDIT
 1518005 1 R 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: Materials, field trips &/or travel fee

SURVEY ANIMAL INDUS AN S 114 2 CREDITS
 1519005 A MW 8:00-8:50 KENEALY M
 MEETS: JAN 10-MAY 6

HORSE EVENT MKT&MGT AN S 199E 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 114 OR 101
 Satisfactory-Fail Only.

9122005 1 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$300.00

ISSUES FACING AN S AN S 211 1 CREDIT
 Prereq: 114, SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.

1542005 1 T 4:10-6:00PM
 MEETS: JAN 10-MAY 6

DOMEST ANIM PHYSIOL AN S 214 3 CREDITS
 Prereq: BIOL 212/202, CHEM 163 OR 177
 1521005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

DOM AN ANAT&PHY LAB AN S 214L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN AN S 214
 1545005 1 T 8:00-9:50
 MEETS: JAN 10-MAY 6

Note: Materials fee \$10.00
 1545010 2 T 10:00-11:50
 MEETS: JAN 10-MAY 6

Note: Materials fee \$10.00
 1545015 3 T 12:10-2:00
 MEETS: JAN 10-MAY 6

Note: Materials fee \$10.00
 1545020 4 T 2:10-4:00
 MEETS: JAN 10-MAY 6

Note: Materials fee \$10.00

ANIMAL SCIENCE (CONTINUED)

EQUINE SCIENCE AN S 216 3 CREDITS
 Prereq: 101 OR 114; ONE COURSE IN BIOLOGY
 4825005 1 TR 9:00-9:50
 M 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$105.00
 4825010 2 TR 9:00-9:50
 M 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$105.00
 4825015 3 TR 9:00-9:50
 M 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$105.00

COMPANION ANIM SCI AN S 224 3 CREDITS
 Prereq: COURSE IN BIOLOGY
 8087005 1 MW 2:10-3:00
 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$5.00
 8087010 2 MW 2:10-3:00
 R 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$5.00
 8087015 3 MW 2:10-3:00
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$5.00
 8087020 4 MW 2:10-3:00
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$5.00

SWINE SCIENCE AN S 225 3 CREDITS
 Prereq: 114, 101
 Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY
 SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.
 1725005 1A MF 10:00-10:50
 W 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1725010 1B MF 10:00-10:50
 W 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1725015 2A MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1725020 2B MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1725025 3A MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1725030 3B MF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1725035 4A MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1725040 4B MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00

BEEF CATTLE SCIENCE AN S 226 3 CREDITS
 Prereq: 114, 101
 Note: SEC 1A,2A ETC RESTRICTED TO AN S, DYS MAJORS ONLY
 SEC 1B,2B ETC FOR MAJORS OTHER THAN AN S, DYS.
 1726005 1A MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1726010 1B MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1726015 2A MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1726020 2B MW 1:10-2:00
 R 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1726025 3A MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1726030 3B MW 1:10-2:00
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1726035 4A MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1726040 4B MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 10-MAY 6

ANIMAL SCIENCE (CONTINUED)

BEEF CATTLE SCIENCE AN S 226 3 CREDITS
 Note: Materials, field trips &/or travel fee \$100.00

SHEEP SCIENCE AN S 229 3 CREDITS
 Prereq: 114, 101
 1727005 1 MW 12:10-1:00
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 1727010 2 MW 12:10-1:00
 R 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00

FOODS ANIMAL ORIGIN AN S 270 2- 3 CREDITS
 Prereq: BIOL 212/202, CHEM 163 OR 177
 1524005 1 TR 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$200.00
 1524010 2 TR 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$200.00
 1524600 XW ARRANGED LONERGAN S
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$156.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

BASIC SWINE SCI LAB AN S 280L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN AN S 280X;
 INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 9362005 1 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 9362010 2 W 12:10-2:00
 MEETS: JAN 10-MAY 6

BASIC SWINE SCIENCE AN S 280X 2 CREDITS
 Prereq: 101, 114
 9361600 XF ARRANGED
 MEETS: JAN 18-APRIL 29
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>
 9361605 XH ARRANGED BAAS T
 MEETS: JAN 18-APRIL 29
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

EQUINE EVALUATION AN S 306 3 CREDITS
 Prereq: SOPH CLASSIFICATION OR INSTRUCTOR PERMISSN
 3582005 1 TR 4:10-5:30, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$5.00

CAREER PREP AN SCI AN S 311 1 CREDIT
 Prereq: JUNIOR CLASSIFICATION IN AN S
 Satisfactory-Fail Only.
 1621005 1 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

ANIML EXERC PHYSIOL AN S 313 2 CREDITS
 Prereq: 214, BIOL 211, ONE COURSE IN CHEMISTRY
 9447600 XW ARRANGED MILLER P
 MEETS: JAN 13-MAY 5
 Note: CLASS SESSON WILL TAKE PLACE ON THURSDAY
 EVENINGS, 6-8 PM CST. LIVE PARTICIPATION IS HIGHLY
 RECOMMENDED, BUT THE CLASS SESSIONS WILL BE ARCHIVED
 FOR THOSE WHO ARE UNABLE TO MAKE THE LIVE SESSION.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

ANIMAL NUTRITION AN S 319 3 CREDITS
 Prereq: 214, COURSE IN ORGANIC CHEM OR BIOCHEM
 Note: Available for nonmajor graduate credit
 1529005 1 MW 11:00-11:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$150.00
 1529010 2 MW 11:00-11:50
 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$150.00
 1529015 3 MW 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 10-MAY 6

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

ANIMAL NUTRITION AN S 319 3 CREDITS
 Note: Materials, field trips &/or travel fee
 \$0.00-\$150.00
 1529020 4 MW 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$150.00

LVSTCK FEED PRGM DS AN S 320 2 CREDITS
 Prereq: 319
 1635005 1 MW 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00

DOMSTC ANIM REPRODU AN S 331 3 CREDITS
 Prereq: COURSE IN PHYSIOLOGY
 Note: Available for nonmajor graduate credit
 1531005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

ANIM REPROD LAB MTH AN S 332 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 331
 1532005 1 TR 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$160.00
 1532010 2 MW 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$160.00

DAIRY CATTLE EVALUA AN S 335 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 1533010 2 TR 4:10-5:00
 TR 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$110.00

LACTATION AN S 337 2 CREDITS
 Prereq: 214
 1711005 1 TR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$150.00

GRWTH&DEV DOMEST AN AN S 345 3 CREDITS
 Prereq: 214; BIOL 313 OR GEN 320
 4478005 1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$150.00

GENET IMPRV DOM ANI AN S 352 3 CREDITS
 Prereq: ONE COURSE IN STATISTICS, BIOL 211/201,
 COURSE IN GENETICS
 Note: Available for nonmajor graduate credit
 1534010 1 MW 9:00-9:50
 T 8:00-9:50
 MEETS: JAN 10-MAY 6
 1534015 2 MW 9:00-9:50
 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 1534020 3 MW 9:00-9:50
 T 12:10-2:00
 MEETS: JAN 10-MAY 6

SWINE MANUR&NTR MGT AN S 383X 1 CREDIT
 Prereq: 225, OR 280X AND 280L
 9377600 XF ARRANGED HARMON J
 MEETS: JAN 18-APRIL 29
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Available for nonmajor graduate credit
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

9377605 XH ARRANGED HARMON J
 MEETS: JAN 18-APRIL 29
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIEDA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIEDA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR
 1538005 ARRANGED
 MEETS: JAN 10-MAY 6

SUPERV'D INTERNSHIP AN S 399B R CREDIT
 Prereq: PERMISSION OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 2258005 ARRANGED
 MEETS: JAN 10-MAY 6

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

EQUINE SYSTEMS MGMT AN S 415 3 CREDITS
 Prereq: 216, 319, 331
 Note: Available for nonmajor graduate credit
 8779005 1 MW 12:10-1:00
 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00
 8779010 2 MW 12:10-1:00
 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00

EQUINE REPRODUC MGT AN S 417 3 CREDITS
 Prereq: 216, 331, CREDIT OR CONCURRENT ENR IN 415
 PERMISSION OF INSTRUCTOR
 8257005 1 MW 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$100.00

COMPANION ANIML SYS AN S 424 3 CREDITS
 Prereq: 224, 319, 331, 352
 Note: Available for nonmajor graduate credit
 1803005 1 MW 11:00-11:50
 F 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$150.00

BF CATTLE SYSTS MGT AN S 426 3 CREDITS
 Prereq: 226; 270; 319; 331; 352; ECON 330 OR
 EQUIVALENT RECOMMENDED
 Note: Available for nonmajor graduate credit
 1550010 1 MW 3:10-4:00
 R 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$110.00

SHEEP SYSTEMS MGT AN S 429 3 CREDITS
 Prereq: 229; 319; 331; 352; AGRON 334 RECOMMENDED
 ECON 330 OR EQUIVALENT RECOMMENDED
 Note: Available for nonmajor graduate credit
 1551005 1 TR 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$125.00

APP DAIRY FARM EVAL AN S 435 3 CREDITS
 Prereq: 434, ECON 330
 Note: Available for nonmajor graduate credit
 8618005 1 MW 1:10-2:00
 F 8:00-9:50
 MEETS: JAN 10-MAY 6

AN INDUS&VET GENTCS AN S 452X 3 CREDITS
 Prereq: 352
 Note: Available for nonmajor graduate credit
 9009005 MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$150.00

PROCESSED MEATS AN S 460 3 CREDITS
 Prereq: 270
 Note: Available for nonmajor graduate credit
 1555010 1 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$70.00
 1555015 2 MW 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$70.00

JUDGING MEAT ANIMAL AN S 475A 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 1556005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$500.00

JUDGNG DAIRY CATTLE AN S 475B 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 1557005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$800.00

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

JUDGING MEATS AN S 475C 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 1558005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$450.00

JUDG MEAT ANIM EVAL AN S 475D 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 1559005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$300.00

JUDGING HORSES AN S 475E 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 4470005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$400.00

INTCOLL JUDG MGT SY AN S 475F 1- 2 CREDITS
 Prereq: ADMISSION BY INVITATION
 Note: NO MORE THAN 6 CREDITS OF 475 MAY BE APPLIED
 TOWARD GRADUATION
 1728008 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$800.00

BEEF INDU LDR FELLW AN S 480A 1 CREDIT
 Prereq: 226, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 8710005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Materials, field trips &/or travel fee \$0.00-\$400.00

PORK INDU LDR FELLW AN S 480C 1 CREDIT
 Prereq: 225, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 4509005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Materials, field trips &/or travel fee \$0.00-\$400.00

ISSUES FOOD SAFETY AN S 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR 272
 OR HRI 233; FS HN 419 OR 420; FS HN 403
 8348005 MW 3:10-4:00
 MEETS: MARCH 7-MAY 6

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

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

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

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

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

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

AG TRAVEL CRSE PREP AN S 495 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1539005 F 12:10-2:00
 MEETS: JAN 10-MAY 6

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

NON-RUMIN DIGESTIVE AN S 518 3 CREDITS
 Prereq: 419 OR NUTRS 501
 1572005 1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$200.00

DIGESTV PHYSL RUMIN AN S 520 3 CREDITS
 Prereq: 419 OR NUTRS 501
 1573005 TR 3:10-4:00
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$100.00

PHYSL&ENDOCRN REPO AN S 533 2 CREDITS
 Prereq: GENERAL PHYSIOLOGY COURSE
 1574005 1 ARRANGED
 MEETS: JAN 10-MAY 6

PERINATOLOGY AN S 536 2 CREDITS
 Prereq: ONE COURSE IN PHYSIOLOGY; ONE COURSE IN
 BIOCHEMISTRY
 1782005 1 ARRANGED
 MEETS: JAN 10-MAY 6

TOP FARM AN WELFARE AN S 537C 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; M.S. OR PH.D.
 STUDENT
 8666600 XW ARRANGED BUTTERS-JOHNSON
 MEETS: JAN 10-MAY 6
 Note: CONTACT ANNA JOHNSON FOR PERMISSION TO REGISTER
 AT 515-294-2098/JOHNSONA@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

LVSTK&GRZ&PTHGN ISS AN S 543A 2 CREDITS
 Prereq: AN S 319, OR AGRON 212 AND 354
 9519605 XH ARRANGED RUSSELL J
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

9519600 XW ARRANGED RUSSELL J
 MEETS: JAN 10-MAY 6
 Note: FOR PERMISSION TO REGISTER STUDENTS WHO WANT
 AN S 593A NEED TO CONTACT JIM RUSSELL AT 515-294-4631
 OR JRUSSELL@IASTATE.EDU AND STUDENTS WHO WANT
 AGRON 593A NEED TO CONTACT MARY WIEDENHOEFT AT
 515-294-3274 OR MWIEDENH@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

ADV VERTEB PHYSL II AN S 552 3 CREDITS
 Prereq: BIOL 335, CR OR ENRLMT IN BBMB 404 OR 420
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2010.
 2278005 1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

TOPICS GENOME ANALY AN S 556 3 CREDITS
 Prereq: BBMB 405 OR GDCC 510
 2050005 ARRANGED
 MEETS: JAN 10-MAY 6

PROCESSED MEATS AN S 560 3 CREDITS
 Prereq: 270
 1730005 1 MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$70.00
 1730010 2 MW 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$70.00

ANIMAL SCIENCE (CONTINUED)

ANIMAL SCIENCE (CONTINUED)

PRO PRACT RESEARCH AN S 565A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 5829005 1 T 12:10-1:00
 5829010 2 ARRANGED
 MEETS: JAN 10-MAY 6

PRO PRAC INTEL PROP AN S 565B .5 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 5878005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV MEAT SCI&MUSCLE AN S 570 3 CREDITS
 Prereq: 470
 1578005 1 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$150.00

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ANIML NUTRITION SEM AN S 603 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1591005 M 4:10-5:00
 MEETS: JAN 10-MAY 6

AN BREEDG GOALS&SEL AN S 652A 2 CREDITS
 Prereq: 561
 Note: Instructor permission required 1st week.
 1598005 1 ARRANGED
 MEETS: JAN 10-MAY 6

DSIGN&EV BREED PROG AN S 652B 2 CREDITS
 Prereq: 561
 7584005 1 ARRANGED
 MEETS: JAN 10-MAY 6

STAT MTHD MAP TRAIT AN S 656 2 CREDITS
 Prereq: 562, STAT 447
 2055005 1 ARRANGED
 MEETS: JAN 10-MAY 6

SEM AN BREEDG&GENET AN S 658 1 CREDIT
 7083005 T 11:00-11:50
 MEETS: JAN 10-MAY 6

SEMINAR MEAT SCIENC AN S 684 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1604005 T 12:10-1:00
 MEETS: JAN 10-MAY 6

SEMINAR MUSCLE BIOL AN S 685 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 1605005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMINAR ANIMAL SCI AN S 695 1 CREDIT
 Satisfactory-Fail Only.
 7289005 1 F 4:10-5:00
 MEETS: JAN 10-MAY 6

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

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

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

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

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

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

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

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

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

ANTHROPOLOGY

INTRO CULTURL ANTHR ANTHR 201 3 CREDITS
 Note: Meets international perspectives reqmt
 1615005 1 MW 10:00-10:50
 W 11:00-11:50
 MEETS: JAN 10-MAY 6

1615010 2 MW 10:00-10:50
 W 12:10-1:00
 MEETS: JAN 10-MAY 6

1615015 3 MW 10:00-10:50
 W 1:10-2:00
 MEETS: JAN 10-MAY 6

1615020 4 MW 10:00-10:50
 W 2:10-3:00
 MEETS: JAN 10-MAY 6

1615025 5 MW 10:00-10:50
 W 3:10-4:00
 MEETS: JAN 10-MAY 6

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

1615035 7 MW 10:00-10:50
 R 8:00-8:50
 MEETS: JAN 10-MAY 6

1615040 8 MW 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 10-MAY 6

1615045 9 MW 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 10-MAY 6

1615050 10 MW 10:00-10:50
 R 11:00-11:50
 MEETS: JAN 10-MAY 6

1615055 11 MW 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 10-MAY 6

1615060 12 MW 10:00-10:50
 R 1:10-2:00
 MEETS: JAN 10-MAY 6

1615065 13 MW 10:00-10:50
 R 2:10-3:00
 MEETS: JAN 10-MAY 6

ANTHROPOLOGY (CONTINUED)

ANTHROPOLOGY (CONTINUED)

INTRO CULTURL ANTHR ANTHR 201 3 CREDITS
 1615070 14 MW 10:00-10:50
 R 3:10-4:00
 MEETS: JAN 10-MAY 6
 1615075 15 MW 10:00-10:50
 R 4:10-5:00
 MEETS: JAN 10-MAY 6

INTR BIOL AN&ARCHEO ANTHR 202 3 CREDITS
 1616005 1 MW 9:00-9:50
 M 10:00-10:50
 MEETS: JAN 10-MAY 6
 1616010 2 MW 9:00-9:50
 M 11:00-11:50
 MEETS: JAN 10-MAY 6
 1616015 3 MW 9:00-9:50
 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 1616020 4 MW 9:00-9:50
 M 1:10-2:00
 MEETS: JAN 10-MAY 6
 1616025 5 MW 9:00-9:50
 M 2:10-3:00
 MEETS: JAN 10-MAY 6
 1616030 6 MW 9:00-9:50
 M 3:10-4:00
 MEETS: JAN 10-MAY 6
 1616035 7 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

GLOBLIZTN &SUSTAINB ANTHR 220X 3 CREDITS
 Note: Meets international perspectives reqmt
 3753005 1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 3753010 2 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 3753015 3 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

GLOBALZAT&HUMN COND ANTHR 230 3 CREDITS
 Note: Meets international perspectives reqmt
 7017005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

CULTURL ANTHROPLGY ANTHR 306 3 CREDITS
 Prereq: 201
 Note: Meets international perspectives reqmt
 1617005 1 MW 10:00-10:50
 F 8:00-9:50
 MEETS: JAN 10-MAY 6
 1617010 2 MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 10-MAY 6
 1617015 3 MW 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 10-MAY 6
 1617020 4 MW 10:00-10:50
 F 2:10-4:00
 MEETS: JAN 10-MAY 6

BIOLOGICAL ANTHROPO ANTHR 307 3 CREDITS
 Prereq: 202
 Note: Instructor permission required 1st week.
 1618005 1 MW 2:10-3:00
 T 8:00-9:50
 MEETS: JAN 10-MAY 6
 1618010 2 MW 2:10-3:00
 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 1618015 3 MW 2:10-3:00
 T 12:10-2:00
 MEETS: JAN 10-MAY 6
 1618020 4 MW 2:10-3:00
 T 2:10-4:00
 MEETS: JAN 10-MAY 6

WORLD PREHISTORY ANTHR 321 3 CREDITS
 Prereq: 202 RECOMMENDED
 2083005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

PEOPL&CUL NATV N AM ANTHR 322 3 CREDITS
 Prereq: 201 OR AM IN 210
 Note: Meets U.S. diversity reqmt
 1626005 1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

TOP LAT AM RACE,CLS ANTHR 323C 3 CREDITS
 Prereq: 201 OR 306 RECOMMENDED
 Note: Meets international perspectives reqmt
 3519005 1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

MAGIC,WITHC&RELIG ANTHR 340 3 CREDITS
 Prereq: 201 OR 306
 Note: Meets international perspectives reqmt
 1634005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

FORENSIC ANTHROPLGY ANTHR 424 3 CREDITS
 Prereq: 319
 7719005 1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

ARCHAEO LAB METHODS ANTHR 428D 3 CREDITS
 Prereq: 201 OR 306; 322 OR AM IN 210 RECOMMENDED
 7155005 1 TR 4:10-5:30
 MEETS: JAN 10-MAY 6

CUR ISSU NATIV N AM ANTHR 432 3 CREDITS
 Prereq: 201 OR 306; 322 OR AM IN 210 RECOMMENDED
 Note: Meets U.S. diversity reqmt
 1631005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

INTERNSHIP ARCHAEO ANTHR 434A 2- 6 CREDITS
 Prereq: JUNIOR OR SENIOR STANDING
 Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
 MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434
 MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS
 FOR THE MAJOR OR FOR THE ANTHR MINOR.
 Satisfactory-Fail Only.
 7718005 1 ARRANGED
 MEETS: JAN 10-MAY 6

PRACTICUM ARCHAEO ANTHR 451A 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 4780005 ARRANGED
 MEETS: JAN 10-MAY 6

PRACTICM CULTURAL A ANTHR 451B 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 1095005 ARRANGED
 MEETS: JAN 10-MAY 6

PRACTICM BIOLOGCL A ANTHR 451C 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 1102005 ARRANGED
 MEETS: JAN 10-MAY 6

PRACTICM LINGUIST A ANTHR 451D 1- 3 CREDITS
 Prereq: 201 OR 202 OR 308
 Note: Instructor permission required.
 1167005 ARRANGED
 MEETS: JAN 10-MAY 6

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

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

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

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

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

WORLD PREHISTORY ANTHR 521 3 CREDITS
 Prereq: 202 RECOMMENDED
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 2088005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

ANTHROPOLOGY (CONTINUED)

PEOPL&CUL NATV N AM ANTHR 522 3 CREDITS
 Prereq: 201 OR AM IN 210
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 8365005 1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

TOP LAT AM RACE,CLS ANTHR 523C 3 CREDITS
 Prereq: 6 CREDITS IN ANTHROPOLOGY, 201 OR 306
 RECOMMENDED
 Note: Meets international perspectives reqmt
 3800005 1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

FORENSIC ANTHROPLGY ANTHR 524 3 CREDITS
 Prereq: 319
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7720005 1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

ARCHAEO LAB METHODS ANTHR 528D 3 CREDITS
 7152005 1 TR 4:10-5:00
 MEETS: JAN 10-MAY 6

CUR ISSU NATIV N AM ANTHR 532 3 CREDITS
 Prereq: 6 CREDITS IN ANTHR, 201 OR 306; 322 OR
 AM IN 210 RECOMMENDED
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7532005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

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

GRAD INDEPN DNT STDY ANTHR 590 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ANTHR 699 VAR. CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

APPAREL, ED STUDIES&HOSPITALITY MGMT

PRO DEVEL FOR AESHM AESHM 111 3 CREDITS
 5099005 1 M 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 10-MAY 6

Note: SEC 1 RESTRICTED TO HRI, HSP M, FCEDS MAJORS
 Materials, field trips &/or travel fee \$0.00-\$50.00
 5099010 2 M 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 10-MAY 6

Note: SEC 2 RESTRICTED AMD, AMDP MAJORS
 Materials, field trips &/or travel fee \$0.00-\$50.00

P R & EVENT MANAGMT AESHM 271 1- 3 CREDITS
 Prereq: APPLICATION AND INSTRUCTOR PERMISSION
 REQUIRED FOR SPRING ENROLLMENT
 Note: COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST
 TIME, THEN MAY BE REPEATED FOR 1 CREDIT
 4556005 W 6:10-8:00PM
 ARRANGED
 MEETS: JAN 10-MAY 6

Note: Instructor permission required.
 Materials and equipment use fee \$5.00-\$65.00

MERCHANDISING AESHM 275 3 CREDITS
 Prereq: 3 CREDITS IN MATH
 2853005 1A TR 11:00-12:30
 MEETS: JAN 10-MAY 6

Note: SEC 1A RESTRICTED TO T C MAJORS ONLY
 Materials, field trips &/or travel fee \$15.00-\$40.00
 2853010 1B TR 11:00-12:30
 MEETS: JAN 10-MAY 6

Note: SEC 1B RESTRICTED TO HRI, HSP M MAJORS ONLY
 Materials, field trips &/or travel fee \$15.00-\$40.00
 2853015 1C TR 11:00-12:30
 MEETS: JAN 10-MAY 6

Note: SEC 1C FOR MAJORS OTHER THAN AMDP, HRI,
 HSP M, T C.
 Materials, field trips &/or travel fee \$15.00-\$40.00

PRIN MGMT HUMAN SCI AESHM 287 3 CREDITS
 4608005 1A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

Note: SEC 1A RESTRICTED TO HRI MAJORS ONLY
 Materials, field trips &/or travel fee \$0.00-\$50.00
 4608010 1B MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

Note: SEC 1B RESTRICTED TO AMDP, T C MAJORS ONLY
 Materials, field trips &/or travel fee \$0.00-\$50.00
 4608015 1C MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

Note: SEC 1C FOR MAJORS OTHER THAN AMDP, HRI,
 HSP M, T C
 Materials, field trips &/or travel fee \$0.00-\$50.00

APPAREL, ED STUDIES&HOSPITALITY MGMT (CONTINUED)

SEM CAREERS&INTERNS AESHM 311 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION, GOOD ACADEMIC
 STANDING

2920005 1 T 4:10-6:00PM
 MEETS: JAN 10-MARCH 4
 Note: SEC 1 RESTRICTED TO AMDP, T C MAJORS ONLY
 Field trips & travel fee \$40.00-\$60.00

2920010 2 T 4:10-6:00PM
 MEETS: JAN 10-MARCH 4
 Note: SEC 2 RESTRICTED TO HRI, HSP M, FCEDS MAJORS
 Field trips & travel fee \$40.00-\$60.00

AESTHETC OF EVERYDY AESHM 342 3 CREDITS
 Note: Meets U.S. diversity reqmt
 4609005 1A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC 1A RESTRICTED TO HRI, HSP M & FCEDS MAJORS.
 Materials, field trips &/or travel fee \$0.00-\$50.00
 4609010 1B MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC 1B RESTRICTED TO T C MAJORS ONLY
 Materials, field trips &/or travel fee \$0.00-\$50.00
 4609015 1C MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC 1C FOR MAJORS OTHER THAN HRI, HSP M, FCEDS,
 T C.
 Materials, field trips &/or travel fee \$0.00-\$50.00

DEV GLOBAL LEADRSHP AESHM 421 3 CREDITS
 Note: Meets international perspectives reqmt
 4611005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

Note: Materials, field trips &/or travel fee \$0.00-\$30.00

STUDY ABROAD SEMINR AESHM 424 1- 3 CREDITS
 Note: Meets international perspectives reqmt
 2922005 1 ARRANGED
 MEETS: JAN 10-MAY 6

Note: Materials, field trips &/or travel fee \$0.00-\$15.00

HUMAN RESOURCE MGMT AESHM 438 3 CREDITS
 Prereq: 275 OR 287, HRI 193; JUNIOR CLASSIFICATN
 2923005 1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC 1 RESTRICTED TO HRI, HSP M MAJORS ONLY.
 Materials, field trips &/or travel fee \$0.00-\$45.00
 2923010 2 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC 2 RESTRICTED TO T C MAJORS ONLY
 Materials, field trips &/or travel fee \$0.00-\$45.00

P R & EVENT MGMT II AESHM 471 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR. COURSE MUST
 BE TAKEN FOR 3 CREDITS THE FIRST ENROLLMENT; CAN
 BE REPEATED FOR 1 CREDIT.

Note: COURSE MUST BE TAKEN FOR 3 CREDITS THE FIRST
 TIME, THEN MAY BE REPEATED FOR 1 CREDIT
 4612005 W 6:10-8:00PM
 ARRANGED
 MEETS: JAN 10-MAY 6

Note: Instructor permission required.
 Materials and equipment use fee \$5.00-\$65.00

ENTREPRNR HUMAN SCI AESHM 474 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 4618005 1A TR 5:10-6:30PM
 MEETS: JAN 10-MAY 6

Note: SEC 1A RESTRICTED TO AMDP, T C MAJORS ONLY.
 Materials, field trips &/or travel fee \$30.00-\$60.00
 4618010 1B TR 5:10-6:30PM
 MEETS: JAN 10-MAY 6

Note: SEC 1B RESTRICTED TO HRI, HSP M MAJORS ONLY
 Materials, field trips &/or travel fee \$30.00-\$60.00
 4618015 1C TR 5:10-6:30PM
 MEETS: JAN 10-MAY 6

Note: SEC 1C FOR MAJORS OTHER THAN AMDP, HRI, HSP M,
 T C.
 Materials, field trips &/or travel fee \$30.00-\$60.00

AESTH&RETL BRANDING AESHM 545 3 CREDITS
 Prereq: ONE COURSE IN DSGN ELEMENTS & PRINCIPLES,
 PSYCHOLOGY, CONSUMER BEHAVIOR, OR MARKETING
 4838005 MW 1:10-2:30
 MEETS: JAN 10-MAY 6

Note: Field trips & travel fee \$20.00-\$25.00

ENTREPRNR HUMAN SCI AESHM 574 3 CREDITS
 Prereq: ONE COURSE IN MKT OR INSTRUCTOR PERMISSN
 4895005 TR 5:10-6:30PM
 MEETS: JAN 10-MAY 6

Note: Materials, field trips &/or travel fee \$30.00-\$60.00

ARABIC

ELEMENTARY ARABIC II ARABC 102 4 CREDITS
 Note: Meets international perspectives reqmt
 7442005 1 MTWR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00
 7442010 2 MTWR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00
 INTERMED ARABIC II ARABC 202X 4 CREDITS
 Prereq: 201X
 Note: Meets international perspectives reqmt
 9280005 MTWR 10:00-10:50
 MEETS: JAN 10-MAY 6

ARCHITECTURE

ARCHITECT DESIGN II ARCH 202 6 CREDITS
 Prereq: 201, MATH 142, PHYS 111
 Note: COURSE RESTRICTED TO ARC MAJORS ONLY
 1674005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$250.00-\$400.00
 ARCHITECT DESIGN II ARCH 202H 6- 7 CREDITS
 Prereq: 201, MATH 142, PHYS 111. MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM.
 8152005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Materials, field trips &/or travel fee
 \$250.00-\$400.00
 HIST WESTERN ARC II ARCH 222 3 CREDITS
 Note: Meets international perspectives reqmt
 7737005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 ARCHITECT DESIGN IV ARCH 302 6 CREDITS
 Prereq: 301 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 1682005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$25.00-\$700.00
 ARCHITECT DESIGN IV ARCH 302H 6- 7 CREDITS
 Prereq: 301 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES. MEMBERSHIP IN UNIVERSITY HONORS PROG.
 8206005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Materials, field trips &/or travel fee
 \$25.00-\$700.00
 PRACTICAL EXPERIENC ARCH 310 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 2544005 ARRANGED
 MEETS: JAN 10-MAY 6
 COMPUTER APPLICATNS ARCH 334 3 CREDITS
 Prereq: 201, 230
 1685005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 THREE-DIMENS STUDIO ARCH 335 2- 3 CREDITS
 1686005 A TR 1:10-3:30, ARRANGED
 MEETS: JAN 10-MAY 6
 1686010 B TR 9:00-11:20
 ARRANGED
 MEETS: JAN 10-MAY 6
 THREE-DIMENS STUDIO ARCH 335H 2- 4 CREDITS
 Note: Instructor permission required.
 9261005 1 TR 1:10-3:20, ARRANGED
 MEETS: JAN 10-MAY 6
 9261010 2 TR 9:00-11:20
 ARRANGED
 MEETS: JAN 10-MAY 6
 ARCH STRUCTURES III ARCH 346 3 CREDITS
 Prereq: 344
 2256005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

ARCHITECTURE

(CONTINUED)

SOLAR HOME DESIGN ARCH 351 3 CREDITS
 Prereq: 202
 1687005 R 7:00-9:40PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$2.00-\$6.00
 ENVIR FORCES IN ARC ARCH 357 3 CREDITS
 Prereq: COMPLETION OF THE PREPROFESSIONAL
 PROGRAM & ADMISSION INTO PROFESSIONAL PROGRAM,
 MATH 142, PHYS 111
 1932005 1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED TO ARC & ARCH MAJORS ONLY.
 Field trips & travel fee \$2.00-\$15.00
 1932010 2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC 2 FOR MAJORS OTHER THAN ARC, ARCH.
 Field trips & travel fee \$2.00-\$15.00
 ARCHITECT DESIGN VI ARCH 402 6 CREDITS
 Prereq: 401 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 1692005 Note: Meets international perspectives reqmt
 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$25.00-\$750.00
 1692800 IT ARRANGED ENGELBRECHT M
 MEETS: JAN 10-APRIL 28
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2011.
 OFFERED FOR 6 CREDITS
 Materials, field trips &/or travel fee
 \$25.00-\$750.00
 Study Abroad Administrative Fee Applies
 ARCHITECT DESIGN VI ARCH 402H 6- 7 CREDITS
 Prereq: 401 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES. MEMBERSHIP IN UNIVERSITY HONORS PROG.
 Note: Meets international perspectives reqmt
 8233005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Materials, field trips &/or travel fee
 \$25.00-\$750.00
 ARCHITC DESIGN VIII ARCH 404 6 CREDITS
 Prereq: 403
 1694005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$40.00-\$750.00
 ARCHITC DESIGN VIII ARCH 404H 6- 7 CREDITS
 Prereq: 403. MEMBERSHIP IN UNIVERSITY HONORS
 PROGRAM.
 8249005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Materials, field trips &/or travel fee
 \$40.00-\$750.00
 HIST AMERICAN ARCH ARCH 420 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: NO MORE THAN 6 CREDITS OF ARCH 420 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 TOPIC: HISTORY OF THE AMERICAN CITY: CASE STUDIES IN
 URBAN INFRASTRUCTURE.
 Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 8270005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 TOPICS 19TH CENTURY ARCH 424 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: NO MORE THAN 6 CREDITS OF ARCH 424 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 Available for nonmajor graduate credit
 1698005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 TOP 20TH CENTU ARCH ARCH 425 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: NO MORE THAN 6 CREDITS OF ARCH 425 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 Available for nonmajor graduate credit
 1699005 1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: TOPIC: GLOBAL MODERN ARCHITECTURE AFTER 1900

ARCHITECTURE (CONTINUED)

ANALYTICAL DRAWING ARCH 431 3 CREDITS
 Prereq: 232, 302
 2154800 IT ARRANGED ENGELBRECHT M
 MEETS: JAN 10-APRIL 28
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2011. OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

FILE TO FABRICATION ARCH 433 3 CREDITS
 Prereq: 230, 301
 3852005 1 TR 6:40-8:00PM
 MEETS: JAN 10-MAY 6

ADVNCN DESIGN MEDIA ARCH 436 3 CREDITS
 Prereq: 230
 1704005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$0.00-\$5.00

MATLS&ASSEMBLIES II ARCH 448 3 CREDITS
 Prereq: 346
 1933005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$5.00-\$15.00

IND STDY DSN COMMUN ARCH 490A 1- 9 CREDITS
 Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

IND STDY TECHN SYST ARCH 490C 1- 9 CREDITS
 Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

ARCHITECT DESIGN II ARCH 506 5 CREDITS
 Prereq: 505; 583; 541. CONCURRENT ENROLLMENT REQUIRED IN 596 AND 542.
 7753005 MW 1:10-5:20
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00-\$600.00

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

TOP STDI ARCH&CULTR ARCH 528A 2- 3 CREDITS
 Prereq: 221, 222 OR SR CLASSIF OR GRAD STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 E: TOPIC: AMERICAS: PRE-COLUMBIAN CITIES, COLONIAL WILDERNESSES, POST-COLONIAL COLONIAS
 1731005 1 T 6:30-8:50PM
 MEETS: JAN 10-MAY 6
 Note: SEC 1 TOPIC: LE CORBUSIER & LOUIS I. KAHN
 Field trips & travel fee \$5.00-\$820.00
 1731010 2 T 4:10-6:40PM
 MEETS: JAN 10-MAY 6
 Note: SEC 2 TOPIC: AMERICAS: PRE-COLUMBIAN CITIES, COLONIAL WILDERNESSES, POST-COLONIAL COLONIAS
 Field trips & travel fee \$5.00-\$820.00
 1731020 3 T 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 3 TOPIC: GOODNESS & BEAUTY
 Field trips & travel fee \$5.00-\$820.00

ARCHITECTURE (CONTINUED)

ADV CMPUTR-AID ARCH ARCH 534 3 CREDITS
 Prereq: 434, PERMISSION OF INSTRUCTOR
 1735005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

ADV THREE-DI STUDIO ARCH 535 2- 3 CREDITS
 Prereq: 335 OR GRADUATE STANDING
 1736005 1 TR 1:10-3:30
 MEETS: JAN 10-MAY 6
 1736010 2 TR 9:00-11:20
 MEETS: JAN 10-MAY 6

SCI&TECH FOR ARC II ARCH 542 5 CREDITS
 Prereq: 505; 595; 541. CONCURRENT ENROLLMENT REQUIRED IN 506 AND 596.
 7735005 TR 2:10-3:30
 F 10:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00-\$200.00

PRESERVATN &REHABTN ARCH 567 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 4712005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED TO ARC, ARCH MAJORS ONLY
 Field trips & travel fee \$5.00-\$10.00
 4712010 2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 2 FOR MAJORS OTHER THAN ARC, ARCH
 Field trips & travel fee \$5.00-\$10.00

CONTEM URB DSN THRY ARCH 575 3 CREDITS
 Prereq: SR CLASSIFICATION OR GRADUATE STANDING
 Note: TOPIC: PUBLIC SPACES
 1752005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

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

SPECIAL TOPICS ARCH 590 1- 5 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON APPROVED FORM

1758004 AO ARRANGED OSTERBERG A
 MEETS: JAN 10-MAY 6

1758006 AS ARRANGED SOBIECH-MUNSON A
 MEETS: JAN 10-MAY 6

1758008 BB ARRANGED BASSLER B
 MEETS: JAN 10-MAY 6

1758015 CB ARRANGED CAMPBELL C
 MEETS: JAN 10-MAY 6

1758016 CC ARRANGED CARDINAL-PETT C
 MEETS: JAN 10-MAY 6

1758028 CS ARRANGED CHAN C
 MEETS: JAN 10-MAY 6

1758032 DB ARRANGED BLOCK D
 MEETS: JAN 10-MAY 6

1758050 GP ARRANGED PALERMO G
 MEETS: JAN 10-MAY 6

1758800 IT ARRANGED ENGELBRECHT M
 MEETS: JAN 10-APRIL 28
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF DESIGN IN ROME: ARCHITECTURE, SPRING 2011. OFFERED FOR 1-5 CREDITS
 Study Abroad Administrative Fee Applies

1758059 JA ARRANGED ALREAD J
 MEETS: JAN 10-MAY 6

1758062 JH ARRANGED HORWITZ J
 MEETS: JAN 10-MAY 6

1758064 JM ARRANGED MAVES J
 MEETS: JAN 10-MAY 6

1758069 KB ARRANGED BERMANN K
 MEETS: JAN 10-MAY 6

1758172 KZ ARRANGED ZARECOR K
 MEETS: JAN 10-MAY 6

1758073 LP ARRANGED PAXSON L
 MEETS: JAN 10-MAY 6

1758072 ME ARRANGED ENGELBRECHT M
 MEETS: JAN 10-MAY 6

1758075 MG ARRANGED GHANDOUR M
 MEETS: JAN 10-MAY 6

1758078 MM ARRANGED MUECKE M
 MEETS: JAN 10-MAY 6

1758080 MQ ARRANGED SQUIRE M
 MEETS: JAN 10-MAY 6

1758086 NA ARRANGED ANDERSON N
 MEETS: JAN 10-MAY 6

1758091 PG ARRANGED GOCHE P
 MEETS: JAN 10-MAY 6

1758096 PS ARRANGED SHAO P
 MEETS: JAN 10-MAY 6

1758130 TL ARRANGED LESLIE T
 MEETS: JAN 10-MAY 6

1758145 UP ARRANGED PASSE U
 MEETS: JAN 10-MAY 6

ARCHITECTURE (CONTINUED)

SEMN BUILT ENVIR II ARCH 596 5 CREDITS
 Prereq: 505; 541; 595. CONCURRENT ENROLLMENT
 IN 506 AND 542.
 7926005 T 9:30-11:50
 R 10:30-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$50.00-\$500.00

SEMN BUILT ENVIR IV ARCH 598 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 1721005 1 T 4:10-6:40PM
 MEETS: JAN 10-MAY 6
 Note: SEC 1 TOPIC: RE-ENCOUNTERING THE OTHER AMERICAS
 1721010 2 R 4:10-6:40PM
 MEETS: JAN 10-MAY 6
 Note: SEC 2 TOPIC: MIDDLE EASTERN CITIES

DESIGN STUDIO OPTNS ARCH 602 6 CREDITS
 Prereq: 601
 Note: COURSE RESTRICTED TO ARCH MAJORS ONLY
 1760005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$50.00-\$750.00

COMPREHENSIV DESIGN ARCH 603 6 CREDITS
 Prereq: 601
 Note: COURSE RESTRICTED TO ARCH MAJORS ONLY
 1761800 IT ARRANGED ENGELBRECHT M
 MEETS: JAN 10-APRIL 28
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2011.
 OFFERED FOR 6 CREDITS
 Materials, field trips &/or travel fee
 \$50.00-\$750.00
 Study Abroad Administrative Fee Applies

SCI&TECH FOR ARC IV ARCH 644 3 CREDITS
 Prereq: 643 OR ADVANCED STNADING
 1746005 1 MW 11:00-11:50
 F 11:00-12:20
 MEETS: JAN 10-MAY 6

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

GRADUATE SEMINAR ARCH 698 R CREDIT
 Prereq: GRADUATE STANDING
 1749005 1 R 12:40-2:00
 MEETS: JAN 10-MAY 6

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

ART & DESIGN

DRAWING II ART 230 3 CREDITS
 Prereq: DSN S 131
 Note: Instructor permission required 1st week.
 1779005 A MWF 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS, BPM I & PBPMI MAJORS.
 Materials and professional support fee \$5.00
 1779010 B MW 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC B RESTRICTED TO ARTFA, ARTIS, BPM I & PBPMI
 MAJORS ONLY.
 Materials and professional support fee \$5.00
 1779015 C MWF 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$5.00
 1779020 D TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$5.00

FINE ARTS EUROP SEM ART 494A 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR AND PLANNED
 ENROLLMENT IN 495
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 1680005 M 6:00-6:50PM
 MEETS: JAN 10-MAY 6

GRAPHIC DSN EUR SEM ART 494G 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR AND PLANNED
 ENROLLMENT IN 495
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 1710005 M 6:00-6:50PM
 MEETS: JAN 10-MAY 6

ART & DESIGN (CONTINUED)

INTERIOR DS EUR SEM ART 494I 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR AND PLANNED
 ENROLLMENT IN 495
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 1739005 M 6:00-6:50PM
 MEETS: JAN 10-MAY 6

ART HIST EUROPE SEM ART 494N 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR AND PLANNED
 ENROLLMENT IN 495
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 1742005 M 6:00-6:50PM
 MEETS: JAN 10-MAY 6

ART HIST IN EUROPE ART 495N 3 CREDITS
 Prereq: 494, PERMISSION OF INSTRUCTOR
 Note: Meets international perspectives reqmt
 Instructor permission required 1st week.
 7552800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 10-APRIL 28
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2011.
 OFFERED FOR 3 CREDITS
 Study Abroad Administrative Fee Applies

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

INTRNSHP MUSEUM/GAL ART 498 1- 6 CREDITS
 Prereq: ADVANCED CLASSIFICATION IN A DEPT CURR,
 WRITTEN APPROVAL OF SUPERVISING INSTR ON REQUIRED
 FORM IN ADVANCE OF SEM OF ENROLLMENT
 Satisfactory-Fail Only.
 7821005 A ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

ART & DESIGN SEMINAR ART 501 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN ART
 1892005 A ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

SEMINAR IN TEACHING ART 511 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 8370005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

MUSEUM/GALLRY INTRN ART 598 1- 6 CREDITS
 Prereq: GRAD CLASSIFICATION & INSTRUCTOR PERMISN
 WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF ENROLLMENT
 Satisfactory-Fail Only.
 9445005 A ARRANGED
 MEETS: JAN 10-MAY 6
 9445010 B ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

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

THESIS RESEARCH ART 699A VAR. CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 1949005 ARRANGED
 MEETS: JAN 10-MAY 6

THESIS RES--EXHIBIT ART 699B VAR. CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 Satisfactory-Fail Only.
 1950005 ARRANGED
 MEETS: JAN 10-MAY 6
 1950020 BJ ARRANGED JONES B
 MEETS: JAN 10-MAY 6
 1950034 CF ARRANGED FABER C
 MEETS: JAN 10-MAY 6

ART EDUCATION

INTRO TO ART EDUC ARTED 211 3 CREDITS
 Note: COURSE FOR EL ED, ECE MAJORS ONLY
 1773005 MW 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$15.00

ART HISTORY

HISTORY OF ART II ART H 281 3 CREDITS
 Note: Meets international perspectives reqmt
 1791005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

ART&ARCHITC OF ASIA ART H 382 3 CREDITS
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 2868005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

GREEK & ROMAN ART ART H 383 3 CREDITS
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1826005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

GREEK & ROMAN ART ART H 383H 3- 4 CREDITS
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 7174005 MWF 12:10-1:00
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

ART OF ISLAM ART H 384 3 CREDITS
 Note: Meets international perspectives reqmt
 2613005 MW 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

ART OF ISLAM ART H 384H 3- 4 CREDITS
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Meets international perspectives reqmt
 Instructor permission required.
 6337005 MW 4:10-5:30, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

MOD&CNTM ART&THY II ART H 495 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 3002005 TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

TOPICS IN ART HIST ART H 498 3 CREDITS
 Note: Instructor permission required 1st week.
 1738005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A TOPIC: ART IN DICTATORSHIP.
 Field trips & travel fee \$0.00-\$15.00

ART & ARCH OF ASIA ART H 582 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Meets international perspectives reqmt
 Instructor permission required 1st week.
 9456005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

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

 SEE DEPT FOR REFERENCE NUMBERS

MOD&CNTM ART&THY II ART H 595 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Meets U.S. diversity reqmt
 Instructor permission required 1st week.
 8400005 TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

ART HISTORY

(CONTINUED)

TOPICS IN ART HIST ART H 598 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTR PERMISSN
 1792005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A TOPIC: ART IN DICTATORSHIP.
 Field trips & travel fee \$0.00-\$15.00

ART:GRAPHIC DESIGN

GRAPH DSGN STDIO II ARTGR 271 3 CREDITS
 Prereq: ART 230, ARTGR 270, 275, ENROLLMT IN 276
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE
 PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1786005 A MWF 8:00-9:50
 MEETS: JAN 10-MAY 6
 1786010 B MWF 8:00-9:50
 MEETS: JAN 10-MAY 6
 1786015 C MWF 8:00-9:50
 MEETS: JAN 10-MAY 6
 1786020 D MWF 8:00-9:50
 MEETS: JAN 10-MAY 6

GRAPHIC TECHNLGY II ARTGR 276 2 CREDITS
 Prereq: 275, ENROLLMENT IN 271
 Note: COURSE RESTRICTED TO ARTGR MAJORS ONLY. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 5292005 A T 8:00-9:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 5292010 B T 8:00-9:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 5292015 C T 8:00-9:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 5292020 D T 8:00-9:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6

GRAPH DSN STUDIO IV ARTGR 371 3 CREDITS
 Prereq: 370, 387, ENROLLMNT IN A 2-CREDIT OPTION
 Note: COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1820005 A MWF 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$250.00
 1820010 B MWF 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$250.00
 1820015 C MWF 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$250.00
 1820020 D MWF 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$250.00

GR DSN MTRLS&PROCES ARTGR 372 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 371
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1805005 TR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$60.00

GRPH DSN INTERN SEM ARTGR 377 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 370 OR 371
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 7537005 T 11:00-11:50
 MEETS: JAN 10-MAY 6

GR DSN HIST,CRIT II ARTGR 388 3 CREDITS
 Prereq: ART H 281, DSN S 183, OR ARTGR 387
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 9451005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

TIME BASE MLTIMEDIA ARTGR 473 3 CREDITS
 Prereq: ENROLLMENT IN 370 OR 371, OR 470 OR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1894005 MW 2:10-5:00
 MEETS: JAN 10-MAY 6

EXHIBITION DESIGN ARTGR 474 3 CREDITS
 Prereq: ENROLLMENT IN 370 OR 371 OR 470 OR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS.
 1868005 A TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$250.00

ART:GRAPHIC DESIGN (CONTINUED)

ADVANCED TYPOGRAPHY ARTGR 475 3 CREDITS
 Prereq: ENROLLMENT IN 370 OR 371 OR 470 OR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1888005 MW 12:10-5:00
 MEETS: JAN 10-MAY 6

GRPHC DSN METHODLGY ARTGR 476 3 CREDITS
 Prereq: ENROLLMENT IN 370 OR 371 OR 470 OR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS.
 1889005 MW 2:10-5:00
 MEETS: JAN 10-MAY 6

GRAPH DSN PRACTICUM ARTGR 477 3 CREDITS
 Prereq: ENROLLMENT IN 370 OR 371 OR 470 OR 482,
 PORTFOLIO REVIEW AND PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTGR MAJORS.
 7886010 B TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$10.00

WEB DSGN E-COMMERCE ARTGR 478 3 CREDITS
 Prereq: ENROLLMENT IN 370 OR 371 OR 470 OR 482
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1912005 MW 2:10-5:00
 MEETS: JAN 10-MAY 6

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

PROFESSNL PRESNTATN ARTGR 482 3 CREDITS
 Prereq: 470, ENROLLMENT IN A 2-CREDIT OPTION
 Note: COURSE RESTRICTED TO ARTGR MAJORS
 1929005 A TR 11:00-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00
 1929010 B TR 11:00-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00
 1929015 C TR 11:00-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00

STUDIES IN GRPH DSN ARTGR 484 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO ARTGR MAJORS ONLY. OFFERED FOR 3
 CREDITS SPRING 2010
 Instructor permission required 1st week.
 8261005 A TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A TOPIC: MOTION AND BROADCAST GRAPHICS

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

 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 2-D DESGN ARTGR 490B 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 3-D DESGN ARTGR 490C 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

SIGNS, SYMBOLS, IMAGE ARTGR 571 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 Instructor permission required 1st week.
 1908005 TR 10:00-12:50
 MEETS: JAN 10-MAY 6

TIME-BASE MLTIMEDIA ARTGR 573 3 CREDITS
 Prereq: GRADUATE ENROLLMENT IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 2046005 MW 2:10-5:00
 MEETS: JAN 10-MAY 6

ART:GRAPHIC DESIGN (CONTINUED)

EXHIBITION DESIGN ARTGR 574 3 CREDITS
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN
 2047005 A TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$250.00

ADVANCED TYPOGRAPHY ARTGR 575 3 CREDITS
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 2113005 MW 12:10-5:00
 MEETS: JAN 10-MAY 6

GRPHC DSGN METHDOL ARTGR 576 3 CREDITS
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN
 2058005 MW 2:10-5:00
 MEETS: JAN 10-MAY 6

DSGN FOR E-COMMERCE ARTGR 578 3 CREDITS
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 2121005 MW 3:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6

STUDIES IN GRPH DSN ARTGR 584 VAR. CREDITS
 Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN
 Note: COURSE ONLY OFFERED FOR 2 CREDITS SPRING 2011.
 Instructor permission required 1st week.
 8262010 A TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A TOPIC: MOTION AND BROADCAST GRAPHICS

GRAPHIC DSN HIST II ARTGR 588 3 CREDITS
 Prereq: GRAD CLASSIFICATION
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 Instructor permission required 1st week.
 9452005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ARTGR 599 VAR. CREDITS
 8620177 SA ARRANGED SATTERFIELD D
 MEETS: JAN 10-MAY 6

GRPH DSG BEHAVR CHG ARTGR 672B 3 CREDITS
 Prereq: 570, 571, GRADUATE ENROLLMENT IN THE
 COLLEGE OF DESIGN OR PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 4211005 TR 11:10-2:00
 MEETS: JAN 10-MAY 6

ADVANCED TOPICS ARTGR 690 VAR. CREDITS
 Prereq: MFA CLASSIFICATION, INSTRUCTOR PERMISSION
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

GRAPHIC DSGN ISSUES ARTGR 698 1- 3 CREDITS
 Prereq: GRAD ENROLLMENT IN COLLEGE OF DESIGN OR
 PERMISSION OF INSTRUCTOR
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2011.
 1837010 B M 6:00-9:00PM
 MEETS: JAN 10-MAY 6

RESEARCH: THESIS ARTGR 699A VAR. CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 8382005 ARRANGED
 MEETS: JAN 10-MAY 6
 8382138 LF ARRANGED FONTAINE L
 MEETS: JAN 10-MAY 6
 8382176 SK ARRANGED KANG S
 MEETS: JAN 10-MAY 6

ART:GRAPHIC DESIGN (CONTINUED)

RESRCH:CREATV CMPON ARTGR 699B VAR. CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 8383005 ARRANGED
 MEETS: JAN 10-MAY 6

ART:INTEGRATED STUDIO ARTS

FND VISUAL LITERACY ARTIS 201 3 CREDITS
 Prereq: DSN S 102 AND 131
 7938005 A ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED COLLEGE OF DESIGN STUDENTS
 Course delivery is WWW

STUDIO FUNDAMNTLS I ARTIS 205 3 CREDITS
 Prereq: ACCEPTANCE INTO THE BFA ISA PROGRAM
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 8010005 A TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A TOPIC: CERAMICS
 Materials fee \$43.00
 8010010 B TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC B TOPIC: FIBER
 Materials fee \$43.00

STUDIO FUNDAMTLS II ARTIS 207 3 CREDITS
 Prereq: ACCEPTANCE INTO THE BFA ISA PROGRAM
 8003005 A MW 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A TOPIC: METALS
 Materials fee \$35.00
 8003010 B MW 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC B TOPIC: PHOTO
 Materials fee \$35.00

COLOR ARTIS 208 3 CREDITS
 Prereq: DSN S 102, 131, 183
 Note: COURSE RESTRICTED ARTFA, ARTIS, BPM I AND PBPMI
 MAJORS ONLY.
 Instructor permission required 1st week.
 1766005 A MWF 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 1766010 B MWF 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 1766015 C TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

STUDIO FUNDMNTS III ARTIS 209 3 CREDITS
 Prereq: ACCEPTANCE INTO THE BFA ISA PROGRAM
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY
 8002005 A TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A TOPIC: WOOD
 Materials fee \$105.00
 8002010 B TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC B TOPIC: PRINTMAKING
 Materials fee \$105.00

STUDIO FUNDMNTLS IV ARTIS 211 3 CREDITS
 Prereq: ACCEPTANCE INTO THE BFA ISA PROGRAM
 7998005 A TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A TOPIC: PAINTING
 Materials fee \$5.00
 7998010 B TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC B TOPIC: COMPUTER ART
 Materials fee \$5.00

INTR CRTV DGT PHOTO ARTIS 227 3 CREDITS
 Prereq: DSN S 102, 183, 131
 1983005 A TR 11:00-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED COLLEGE OF DESIGN MAJORS
 1983010 B MW 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC B RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS, BPM I AND PBPMI MAJORS ONLY.

INTR CRTV DGT PHOTO ARTIS 227H 3- 4 CREDITS
 Prereq: DSN S 102, 183, 131. MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM.
 Note: Instructor permission required.
 5467005 TR 11:00-2:00
 ARRANGED
 MEETS: JAN 10-MAY 6

INTRO DARKRM PHOTOG ARTIS 229 3 CREDITS
 Prereq: DSN S 102, 183, 131
 Note: COURSE RESTRICTED TO ARTGR, ARTFA, ARTDN, ARTID,
 ARTIS, BPM I, & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1778005 A MW 11:00-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$25.00
 1778010 B TR 11:00-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$25.00

ART:INTEGRATED STUDIO ARTS (CONTINUED)

INTRO DARKRM PHOTOG ARTIS 229H 3- 4 CREDITS
 Prereq: DSN S 102, 183, 131. MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM.
 Note: Instructor permission required.
 5522005 MW 11:00-2:00
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$25.00

WATERCOLOR PAINTING ARTIS 233 3 CREDITS
 Prereq: ART 230
 Note: COURSE RESTRICTED TO ART, ARTFA, ARTGR, ARTDN,
 ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 1780005 MW 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

WATERCOLOR PAINTING ARTIS 233H 3- 4 CREDITS
 Prereq: ART 230. MEMBERSHIP IN UNIVERSITY HONORS
 PROGRAM.
 Note: Instructor permission required.
 5570005 MW 9:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

PAINTING I ARTIS 238 3 CREDITS
 Prereq: ART 230
 Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTIS, BPM I & PBPMI MAJORS ONLY.
 Instructor permission required 1st week.
 7828005 A TR 11:00-1:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$20.00

PAINTING I ARTIS 238H 3- 4 CREDITS
 Prereq: ART 230. MEMBERSHIP IN UNIVERSITY HONORS
 PROGRAM.
 Note: Instructor permission required.
 5573005 A TR 11:00-1:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$20.00

INTEGRATIVE MEDIA ARTIS 305 3 CREDITS
 Prereq: DSN S 102, 131 AND 183 AND 6 CREDITS
 OF ADDITIONAL ISA STUDIO AT 200+ LEVEL
 Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, & ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1771005 MW 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

INTEGRATIVE MEDIA ARTIS 305H 3- 4 CREDITS
 Prereq: DSN S 102, 131 AND 183 AND 6 CREDITS
 OF ADDITIONAL ISA STUDIO AT 200+ LEVEL. MEMBERSHIP
 IN UNIVERSITY HONORS PROGRAM.
 Note: Instructor permission required.
 5591005 MW 2:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

CPTR MODL&VIR PHOTO ARTIS 308 3 CREDITS
 Prereq: ART 230 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, ARTIS, BPM I & PBPMI MAJORS ONLY
 6423005 A MW 10:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00

CPTR MODL&VIR PHOTO ARTIS 308H 3- 4 CREDITS
 Prereq: ART 230 OR PERMISSION OF INSTRUCTOR.
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: Instructor permission required.
 5598005 MW 10:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00

SOURCES VISUAL DSGN ARTIS 310 3 CREDITS
 Prereq: ART 230. REQ'D OF ALL ISA BFA STUDENTS.
 Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID & ARTIS MAJORS ONLY.
 6432005 TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$190.00

INTRO FURNITUR DSGN ARTIS 320 3 CREDITS
 Prereq: 209 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1798005 MW 1:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$120.00

ART:INTEGRATED STUDIO ARTS (CONTINUED)

INTRO FURNITUR DSGN ARTIS 320H 3- 4 CREDITS
 Prereq: 209 OR PERMISSION OF INSTRUCTOR.
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: Instructor permission required.
 5599005 MW 1:10-4:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$120.00

CERAMICS II ARTIS 322 3 CREDITS
 Prereq: 222 OR 205
 Note: COURSE RESTRICTED TO ARTF, ARTIS MAJOR ONLY
 Instructor permission required 1st week.
 1799005 MW 1:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$70.00

CERAMICS II ARTIS 322H 3- 4 CREDITS
 Prereq: 222 OR 205. MEMBERSHIP IN UNIVERSITY
 HONORS PROGRAM.
 Note: Instructor permission required.
 5601005 MW 1:10-4:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$70.00

JEWELR/METALSMTH II ARTIS 324 3 CREDITS
 Prereq: 207 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 7237005 TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$60.00

JEWELR/METALSMTH II ARTIS 324H 3- 4 CREDITS
 Prereq: 207 OR PERMISSION OF INSTRUCTOR.
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: Instructor permission required.
 5658005 TR 2:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$60.00

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

CREATVTV PHOTOGRPHY ARTIS 329 3 CREDITS
 Prereq: 207 OR 229
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Instructor permission required 1st week.
 1801005 TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$25.00

CREATVTV PHOTOGRPHY ARTIS 329H 3- 4 CREDITS
 Prereq: 207 OR 229. MEMBERSHIP IN UNIVERSITY
 HONORS PROGRAM.
 Note: Instructor permission required.
 5734005 TR 8:00-10:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$25.00

DRAW III:LIFE DRWNG ARTIS 330 3 CREDITS
 Prereq: ART 230
 Note: COURSE RESTRICTED TO ART, ARTFA, ARTIS, BPM I &
 PBPFI MAJORS ONLY.
 Instructor permission required 1st week.
 1802005 A TR 11:00-2:00
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$80.00
 1802010 B TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$80.00

DRAW III:LIFE DRWNG ARTIS 330H 3- 4 CREDITS
 Prereq: ART 230. MEMBERSHIP IN UNIVERSITY HONORS
 PROGRAM.
 Note: Instructor permission required.
 5770005 TR 11:00-2:00
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$80.00

THREE-DIMENS STUDIO ARTIS 335 2- 3 CREDITS
 1806005 A TR 1:10-3:30, ARRANGED
 MEETS: JAN 10-MAY 6
 1806010 B TR 9:00-11:20
 ARRANGED
 MEETS: JAN 10-MAY 6

THREE-DIMENS STUDIO ARTIS 335H 3- 4 CREDITS
 Note: Instructor permission required.
 9262005 1 TR 1:10-3:20, ARRANGED
 MEETS: JAN 10-MAY 6
 9262010 2 TR 9:00-11:20
 ARRANGED
 MEETS: JAN 10-MAY 6

ART:INTEGRATED STUDIO ARTS (CONTINUED)

APP SCI ILLUSTR TCNQ ARTIS 337 3 CREDITS
 Prereq: 323
 9104005 TR 2:10-5:00
 MEETS: JAN 10-MAY 6

PAINTING II ARTIS 338 3 CREDITS
 Prereq: 238
 Note: COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTID,
 ARTIS, BPM I & PBPFI MAJORS ONLY.
 Instructor permission required 1st week.
 7832005 A TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

PAINTING II ARTIS 338H 3- 4 CREDITS
 Prereq: 238. MEMBERSHIP IN UNIV HONORS PROGRAM.
 Note: Instructor permission required.
 6073005 TR 2:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

TEXTLE SURFACE DSGN ARTIS 346 3 CREDITS
 Prereq: DSN S 102, 131, 183, ARTIS 205, OR
 EQUIVALENT
 1835005 MW 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$90.00

TEXTLE SURFACE DSGN ARTIS 346H 3- 4 CREDITS
 Prereq: DSN S 102, 131, 183, ARTIS 205, OR
 EQUIVALENT. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: Instructor permission required.
 6139005 MW 9:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$90.00

INTAGLIO & MONOTYPE ARTIS 357 3 CREDITS
 Prereq: ART 230
 Note: Instructor permission required 1st week.
 7469005 MW 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$130.00

INTAGLIO & MONOTYPE ARTIS 357H 3- 4 CREDITS
 Prereq: ART 230. MEMBERSHIP IN UNIVERSITY HONORS
 PROGRAM.
 Note: Instructor permission required.
 6970005 MW 9:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$130.00

BFA PRO PRACTICE ARTIS 399 2 CREDITS
 Prereq: JR CLASSIF IN ART & DESIGN BFA CURRICULUM
 REQUIRED OF ALL ISA BFA STUDENTS
 Note: COURSE RESTRICTED TO JRS & SRS
 2076005 R 6:10-9:30PM
 MEETS: MARCH 7-MAY 6
 2076010 B R 6:10-9:30PM
 MEETS: JAN 10-MARCH 4

PRIN 3D CHAR ANIMAT ARTIS 407 3 CREDITS
 Prereq: ARTIS 308
 Note: Available for nonmajor graduate credit
 2092005 MWF 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

PRIN 3D CHAR ANIMAT ARTIS 407H 3- 4 CREDITS
 Prereq: ARTIS 308
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 7338005 MWF 1:10-3:00
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

PRIN 3D ANIMATION ARTIS 408 3 CREDITS
 Prereq: 308
 Note: COURSE RESTRICTED TO ARTFA, ARTDN & ARTIS MAJORS
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1834005 MW 10:00-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

PRIN 3D ANIMATION ARTIS 408H 3- 4 CREDITS
 Prereq: 308. MEMBERSHIP IN UNIV HONORS PROGRAM.
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 6237005 MW 10:00-1:00
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

ART:INTEGRATED STUDIO ARTS (CONTINUED)

ART:INTEGRATED STUDIO ARTS (CONTINUED)

ADV FURNITURE DSGN ARTIS 420 3 CREDITS
 Prereq: 320
 Note: COURSE RESTRICTED TO ARTIS MAJORS ONLY.
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1838005 MW 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$120.00

ADV FURNITURE DSGN ARTIS 420H 3- 4 CREDITS
 Prereq: 320. MEMBERSHIP IN UNIV HONORS PROGRAM.
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 6992005 MW 2:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$120.00

CERAMICS STUDIO ARTIS 422 3 CREDITS
 Prereq: 322
 Note: COURSE RESTRICTED TO ARTFA, ARTIS MAJORS ONLY.
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1839005 MW 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$70.00

CERAMICS STUDIO ARTIS 422H 3- 4 CREDITS
 Prereq: 322. MEMBERSHIP IN UNIV HONORS PROGRAM.
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 7002005 MW 2:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$70.00

JEWELR/METLSMTH III ARTIS 424 3 CREDITS
 Prereq: 324 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ART, ARTFA & ARTIS MAJORS ONLY.
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 7250005 TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$60.00

JEWELR/METLSMTH III ARTIS 424H 3- 4 CREDITS
 Prereq: 324 OR PERMISSION OF INSTRUCTOR.
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 7014005 TR 2:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$60.00

ADVANC'D PHOTOGRAPHY ARTIS 429 3 CREDITS
 Prereq: 329
 Note: Available for nonmajor graduate credit
 1836005 TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$25.00

ADVANC'D PHOTOGRAPHY ARTIS 429H 3- 4 CREDITS
 Prereq: 329. MEMBERSHIP IN UNIV HONORS PROGRAM.
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 7018005 TR 8:00-10:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$25.00

DRAWING ARTIS 430 3 CREDITS
 Prereq: 330
 Note: COURSE RESTRICTED TO ARC, ARCH, ART, ARTDN,
 ARTFA, ARTGR, ARTIS, BPM I, C R P, DSGNS, L A, P ARC,
 P LA & PBPMI MAJORS ONLY.
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1841005 MWF 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

DRAWING ARTIS 430H 3- 4 CREDITS
 Prereq: 330. MEMBERSHIP IN UNIV HONORS PROGRAM.
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 7074005 MWF 10:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

PAINTING III ARTIS 438 3 CREDITS
 Prereq: 338
 Note: COURSE RESTRICTED TO ARTDN, ARTFA, ARTID,
 ARTIS, BPM I, DSGNS & PBPMI MAJORS ONLY.
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 7833005 A TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

PAINTING III ARTIS 438H 3- 4 CREDITS
 Prereq: 338. MEMBERSHIP IN UNIV HONORS PROGRAM.
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 7147005 TR 2:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

ADV PRINT TXTL DSGN ARTIS 447 3 CREDITS
 Prereq: 346 OR 347
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 8629005 TR 11:00-1:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$150.00

ADV PRINT TXTL DSGN ARTIS 447H 3- 4 CREDITS
 Prereq: 346 OR 347. MEMBERSHIP IN UNIVERSITY
 HONORS PROGRAM.
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 7149005 TR 11:00-1:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$30.00-\$125.00

ADVANC'D PRINTMAKING ARTIS 458 3 CREDITS
 Prereq: 356, 357, OR 358; INSTRUCTOR PERMISSION
 1840005 MW 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$110.00

ADVANC'D PRINTMAKING ARTIS 458H 3- 4 CREDITS
 Prereq: 356, 357, OR 358; INSTRUCTOR PERMISSION.
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: Instructor permission required.
 6312005 MW 9:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$110.00

TOPICS STUDIO ART ARTIS 482 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE TOPIC: DIGITAL DRAWING
 1855005 A1 TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO JRS AND SRS IN THE COLLEGE
 OF DESIGN.
 Materials fee \$5.00

1855010 A2 TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO JRS AND SRS IN B PMI, PBPMI
 AND ARTGR.
 Materials fee \$5.00

1855015 A3 TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO JRS AND SRS IN B PMI, PBPMI,
 ARTFA & ARTIS MAJORS ONLY.
 Materials fee \$5.00

INDEP STDY CERAMICS ARTIS 490B 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST COMPUTER A&D ARTIS 490C 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

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

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

INDEP STUDY METALS ARTIS 490G 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

ART:INTEGRATED STUDIO ARTS (CONTINUED)

INDEP STDY PAINTING ARTIS 490I 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FURNITUR ARTIS 490L 1- 6 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

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

 SEE DEPT FOR REFERENCE NUMBERS

BFA EXHIBITION ARTIS 499 1 CREDIT
 Prereq: 399, SENIOR CLASSIFICATION IN THE ART
 AND DESIGN BFA CURRICULUM
 Note: COURSE RESTRICTED TO SENIORS
 Satisfactory-Fail Only.
 1708010 B R 6:10-8:30PM
 MEETS: MARCH 7-MAY 6
 Note: Materials, field trips &/or travel fee \$35.00

INTEGRATIVE MEDIA ARTIS 505 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Instructor permission required 1st week.
 7553005 MW 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

PRIN 3D CHAR ANIMAT ARTIS 507 3 CREDITS
 Prereq: 308
 2057005 MWF 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

CPTR AID ANIMAT&VIS ARTIS 508 3 CREDITS
 Prereq: 408 OR GRADUATE STATUS & INSTR PERMISSION
 Note: Instructor permission required 1st week.
 8265005 MW 10:00-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00

ADV FURNITURE DSIGN ARTIS 520 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTR PERMISSION
 Note: Instructor permission required 1st week.
 1895005 MW 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$120.00

CERAMICS STUDIO ARTIS 522 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTR PERMISSION
 1896005 MW 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Materials, field trips &/or travel fee \$70.00

JEWEL&DEC METAL III ARTIS 524 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTR PERMISSION
 Note: Instructor permission required 1st week.
 7255005 TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$60.00

ADVANCD PHOTOGRAPHY ARTIS 529 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 7399005 TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$25.00

DRAWING ARTIS 530 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Instructor permission required 1st week.
 7747005 MWF 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

ADVANCED PAINTING ARTIS 538 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Instructor permission required 1st week.
 7826005 A TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

ART:INTEGRATED STUDIO ARTS (CONTINUED)

ADV PRINTD TXTL DSN ARTIS 547 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTR PERMISSION
 Note: Instructor permission required 1st week.
 8630005 TR 11:00-1:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$150.00

INTAGLIO&MONOTYP PR ARTIS 557 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTR PERMISSION
 Note: Instructor permission required 1st week.
 7749005 MW 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$130.00

TOPICS STUDIO ART ARTIS 582 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE TOPIC: DIGITAL DRAWING
 1870005 A TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

SPL TOPICS CERAMICS ARTIS 590B VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTR A&D ARTIS 590C VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS DRAWING ARTIS 590D VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS TEXTILES ARTIS 590E VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ILLUSTRATN ARTIS 590F VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS METALS ARTIS 590G VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRINTMAKING ARTIS 590K VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS FURNITUR ARTIS 590L VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

ART:INTEGRATED STUDIO ARTS (CONTINUED)

SPL TOP MIXED MEDIA ARTIS 590M VAR. CREDITS
 Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART:INTERIOR DESIGN

HUMN FACTRS INT DSN ARTID 251 2 CREDITS
 2061005 MW 8:00-8:50
 MEETS: JAN 10-MAY 6

FRCE SHAPE INT SPCE ARTID 255 3 CREDITS
 Prereq: OPEN TO NON-MAJORS
 4259005 TR 8:00-9:30
 MEETS: JAN 10-MAY 6

GRPH COM INT DS III ARTID 263 2 CREDITS
 Prereq: 261, ENROLLMENT IN 267
 Note: COURSE RESTRICTED TO ARTID MAJORS
 2177005 A MW 10:00-10:50
 MW 11:00-1:00
 MEETS: JAN 10-MAY 6
 2177010 B MW 10:00-10:50
 MW 1:10-3:00
 MEETS: JAN 10-MAY 6
 2177015 C MW 10:00-10:50
 MW 1:10-3:00
 MEETS: JAN 10-MAY 6

INT DSGN STUDIO II ARTID 267 4 CREDITS
 Prereq: 250, 261, 262, 265, 350. CONCURRENT
 ENROLLMENT IN 259, 251 AND 351.
 Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 Instructor permission required 1st week.
 1714005 A TR 12:10-3:00
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$600.00
 1714010 B TR 12:10-3:00
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$600.00
 1714015 C TR 12:10-3:00
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$600.00

MATRLS SY&DETAIL II ARTID 351 3 CREDITS
 Prereq: 265, 350 AND ENROLLMENT TO 267
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.
 1683005 TR 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$15.00

INTERIOR SYSTMS III ARTID 352 3 CREDITS
 Prereq: 267, 351, ENROLLMENT IN 367
 Note: COURSE RESTRICTED TO ARTID JUNIORS ONLY.
 Instructor permission required 1st week.
 1656005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$15.00

INT DSN HIST/THRY I ARTID 355 3 CREDITS
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1689005 A TR 3:10-5:00
 MEETS: JAN 10-MAY 6

I D INTERNSHP SEMNR ARTID 360 .5 CREDIT
 Prereq: ENROLLMENT IN THIRD-YEAR STUDIO COURSE
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 1818005 A M 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO JUNIORS ONLY
 1818010 B T 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC B RESTRICTED TO SOPHOMORES ONLY

INT DESIGN STUDIO IV ARTID 367 4 CREDITS
 Prereq: 365, CREDIT OR ENROLLMENT IN 352 & 369
 Note: Instructor permission required 1st week.
 1817005 A TR 8:00-10:50
 R 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$25.00
 1817010 B TR 8:00-10:50
 R 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$25.00

ART:INTERIOR DESIGN (CONTINUED)

INT DESIGN STUDIO IV ARTID 367H 4- 5 CREDITS
 Prereq: 365, CREDIT OR ENROLLMENT IN 352 & 369.
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: Instructor permission required.
 5001005 TR 8:00-10:50
 R 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$10.00

INT DSN PRO PRACTCE ARTID 461 3 CREDITS
 Prereq: 460
 Note: COURSE RESTRICTED TO ARTID MAJORS
 Instructor permission required 1st week.
 1847005 TR 3:10-5:00
 MEETS: JAN 10-MAY 6

INT DSN PRO PRACTCE ARTID 461H 3- 4 CREDITS
 Prereq: 460. MEMBERSHIP IN UNIV HONORS PROGRAM.
 Note: Instructor permission required.
 5049005 TR 3:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6

ENVIR FOR THE AGING ARTID 463 3 CREDITS
 Prereq: HD FS 360 OR 3 CREDITS IN HOUSING, ARCH,
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 Note: Meets U.S. diversity reqmt
 1823005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$10.00

INT DESIGN STUDIO VI ARTID 467 4 CREDITS
 Prereq: 465, CREDIT IN 469 & ALL REQUIRED
 INTERIOR SYSTEMS AND HIST/THEORY/CRITICISM COURSES
 OR PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 1852005 A W 12:10-2:00
 MW 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$25.00

INT DSN URBAN SETNG ARTID 468 3 CREDITS
 Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES
 2062005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

INT DSN URBAN SETNG ARTID 468H 3- 4 CREDITS
 Prereq: CR OR ENROLLMT IN 3RD-YEAR STUDIO COURSES
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Instructor permission required.
 5258005 TR 2:10-3:30, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$1,000.00

ADV STUDI INT DSGN ARTID 469 3 CREDITS
 Prereq: 12 CR IN INTERIOR DESIGN RELATED COURSES
 OR PERMISSION OF INSTRUCTOR
 Note: COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2011.
 COURSE RESTRICTED TO ARTID MAJORS
 Available for nonmajor graduate credit
 1850005 A TR 5:10-8:00PM
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

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

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

MICRO DSGN HUMANICS ARTID 551A 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 8255005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

DSGN MTHDS:PROC ALT ARTID 552D 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1824005 M 5:10-7:00PM
 MEETS: JAN 10-MAY 6

ID TEACHNG PRACTICM ARTID 554 1- 6 CREDITS
 Prereq: COMPLETION OF GRAD LEVEL STUDIO OR
 PERMISSION OF INSTRUCTOR
 4283005 ARRANGED
 MEETS: JAN 10-MAY 6

ART: INTERIOR DESIGN (CONTINUED)

ADV STUDI INT DSGN ARTID 569 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 7179005 A TR 5:10-8:00PM
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

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

RESEARCH FORUM ARTID 598 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN 565, 567, 665,
 OR PERMISSION OF INSTRUCTOR
 8254005 T 11:00-11:50
 MEETS: JAN 10-MAY 6

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

RESEARCH: THESIS ARTID 699A VAR. CREDITS
 8389005 ARRANGED
 MEETS: JAN 10-MAY 6

RESEARCH: THESIS-EXH ARTID 699B VAR. CREDITS
 8390005 ARRANGED
 MEETS: JAN 10-MAY 6

ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONMY ASTRO 102 1 CREDIT
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
 8059005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 8059600 XW ARRANGED WILLSON L
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00
 Section info: <http://www.polaris.iastate.edu/>

EVENING STAR ASTRO 103 1 CREDIT
 Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
 8260005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 8260600 XW ARRANGED WILLSON L
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00
 Section info: <http://www.polaris.iastate.edu/>

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
 IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION.
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.

1951005 1 F 8:00-8:50
 MEETS: JAN 10-MAY 6
 1951010 2 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 1951015 3 F 10:00-10:50
 MEETS: JAN 10-MAY 6
 1951020 4 F 11:00-11:50
 MEETS: JAN 10-MAY 6
 1951025 5 F 12:10-1:00
 MEETS: JAN 10-MAY 6
 1951030 6 F 1:10-2:00
 MEETS: JAN 10-MAY 6
 1951035 7 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 1951040 8 F 3:10-4:00
 MEETS: JAN 10-MAY 6
 1951045 9 R 4:10-5:00
 MEETS: JAN 10-MAY 6
 1951050 10 M 8:00-8:50
 MEETS: JAN 10-MAY 6
 1951055 11 M 9:00-9:50
 MEETS: JAN 10-MAY 6
 1951060 12 M 10:00-10:50
 MEETS: JAN 10-MAY 6
 1951065 13 M 11:00-11:50
 MEETS: JAN 10-MAY 6
 1951070 14 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 1951075 15 M 1:10-2:00
 MEETS: JAN 10-MAY 6
 1951080 16 M 2:10-3:00
 MEETS: JAN 10-MAY 6
 1951085 17 M 3:10-4:00
 MEETS: JAN 10-MAY 6
 1951115 W TR 11:00-11:50
 MEETS: JAN 10-MAY 6

ASTRONOMY & ASTROPHYSICS (CONTINUED)

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS
 1951120 Z TR 12:10-1:00
 MEETS: JAN 10-MAY 6

SKY & SOLAR SYST LAB ASTRO 125L 1 CREDIT
 Prereq: CONCURRENT OR PREVIOUS ENROLLMENT IN 120
 2522005 1 M 8:00-9:50PM
 MEETS: JAN 10-MAY 6
 2522010 2 T 8:00-9:50PM
 MEETS: JAN 10-MAY 6
 2522015 3 W 8:00-9:50PM
 MEETS: JAN 10-MAY 6
 2522020 4 R 8:00-9:50PM
 MEETS: JAN 10-MAY 6

STARS, GALAXIES & COSM ASTRO 150 3 CREDITS
 1952005 1 TR 1:10-2:00
 W 9:00-9:50
 MEETS: JAN 10-MAY 6
 1952010 2 TR 1:10-2:00
 W 10:00-10:50
 MEETS: JAN 10-MAY 6
 1952015 3 TR 1:10-2:00
 W 11:00-11:50
 MEETS: JAN 10-MAY 6
 1952020 4 TR 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 10-MAY 6
 1952025 5 TR 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 10-MAY 6
 1952030 6 TR 1:10-2:00
 W 2:10-3:00
 MEETS: JAN 10-MAY 6
 1952035 7 TR 1:10-2:00
 W 3:10-4:00
 MEETS: JAN 10-MAY 6
 1952040 8 TR 1:10-2:00
 W 4:10-5:00
 MEETS: JAN 10-MAY 6
 1952045 9 TR 1:10-2:00
 R 8:00-8:50
 MEETS: JAN 10-MAY 6
 1952050 10 TR 1:10-2:00
 R 9:00-9:50
 MEETS: JAN 10-MAY 6
 1952055 11 TR 1:10-2:00
 R 10:00-10:50
 MEETS: JAN 10-MAY 6

ASTRONOMY BIZARRE ASTRO 250 3 CREDITS
 Prereq: 120 OR 150
 4569005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

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

INTRO TO ASTROPHYSIC ASTRO 346 3 CREDITS
 Prereq: PHYS 222
 Note: Available for nonmajor graduate credit
 8740005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

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

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

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

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

STELLAR ASTROPHYSICS ASTRO 580 3 CREDITS
 Prereq: 405 OR 505
 1966005 ARRANGED
 MEETS: JAN 10-MAY 6

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

ASTRONOMY & ASTROPHYSICS (CONTINUED)

CREATIVE COMPONENT ASTRO 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED SEMINAR ASTRO 650 1 CREDIT
 Satisfactory-Fail Only.
 1970005 F 4:10-5:00
 MEETS: JAN 10-MAY 6

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

ATHLETICS (CONTINUED)

INTERCOLLEGE TRACK ATH 101Q 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1988005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERCOLL WRESTLING ATH 101S 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1990005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERCOLLEGIAT GOLF ATH 101T 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1991005 ARRANGED
 MEETS: JAN 10-MAY 6

ATHLETICS

INTERCOL BASKETBALL ATH 101B 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1974005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERCOL BASKETBALL ATH 101C 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1975005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERCOLLEGIAT GOLF ATH 101G 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1973005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERCOL GYMNASTICS ATH 101J 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1981005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERCOLL SOFTBALL ATH 101K 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1982005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERCOLL SWIMMING ATH 101M 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1984005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERCOLLEGE TENNIS ATH 101O 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: WOMEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1986005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERCOLLEGE TRACK ATH 101P 1 CREDIT
 Prereq: PERMISSION OF HEAD COACH
 Note: MEN. LIMITED TO 1 CREDIT PER YEAR TO A MAXIMUM OF 4. CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD GRADUATION IF CREDIT IS ALSO RECEIVED FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR KIN 166.
 Instructor permission required.
 Satisfactory-Fail Only.
 1987005 ARRANGED
 MEETS: JAN 10-MAY 6

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

INTRO BIOCHEM LAB BBMB 102 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN CHEM 177 AND 177L
 Note: ENROLLMENT IN THIS COURSE WILL CAUSE A TIME CONFLICT MESSAGE. IGNORE CONFLICTS BUILT INTO THE SECTION MEETING TIME. LECTURE & LAB MEET OPPOSITE WEEKS.
 1997005 A F 2:10-3:00 ZABOTINA O
 F 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$75.00

1997010 B F 2:10-3:00 ZABOTINA O
 F 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$75.00

1997015 C ARRANGED ZABOTINA O
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Materials fee \$75.00

CRNT TOPICS BIOCHEM BBMB 115X 2 CREDITS
 2656005 ARRANGED THORNBURG R
 MEETS: JAN 10-MAY 6

CHEM PRIN IN BIO SY BBMB 201 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN CHEM 331
 2053005 MW 12:10-1:00 ANDREOTTI A
 MEETS: JAN 10-MAY 6

SURVEY OF BIOCHEM BBMB 301 3 CREDITS
 Prereq: CHEM 231 OR 331
 Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY MAJORS MAY NOT APPLY CREDIT FOR BBMB 301 TOWARD DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE
 1999005 MWF 12:10-1:00 MYERS A
 MEETS: JAN 10-MAY 6

PRIN BIOCHEM & METAB BBMB 316X 3 CREDITS
 Prereq: CHEM 231 OR 332; BIOL 212
 9022005 MWF 9:00-9:50 HUIATT T
 MEETS: JAN 10-MAY 6

BIOCHEMISTRY I BBMB 404 3 CREDITS
 Prereq: CHEM 332
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 2002600 XW ARRANGED MACINTOSH G
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Available for nonmajor graduate credit
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: http://www.agde.iastate.edu/support/comp_reqs.php

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED)

BIOCHEMISTRY II BBMB 405 3 CREDITS
 Prereq: 404
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 2003005 MWF 11:00-11:50 BEITZ D
 MEETS: JAN 10-MAY 6
 2003600 XW ARRANGED BEITZ D
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: http://www.agde.iastate.edu/support /comp.reqs.php

BIOPHYS RSRCH TECNQ BBMB 412X 2 CREDITS
 Prereq: 411, 461
 2658005 1 M 1:10-4:00 HONZATKO R
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$50.00
 2658010 2 M 3:10-6:00PM HONZATKO R
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$50.00

PHYSIOLOGICAL CHEM BBMB 420 3 CREDITS
 Prereq: CHEM 332, BBMB 301 OR BIOL 314
 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. AG BIOCHEMISTRY, BIOCHEMISTRY AND BIOPHYSICS MAJORS MAY NOT APPLY CREDIT FOR BBMB 420 TOWARD THE DEGREE REQUIREMENTS FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE.
 Available for nonmajor graduate credit
 2005600 XW ARRANGED BEITZ D
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$156.00
 Cmptr reqmt: http://www.agde.iastate.edu/support /comp.reqs.php

PROCARYO DIVERS&ECO BBMB 430 3 CREDITS
 Prereq: MICRO 302, 302L
 2085005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

TOPICS IN BIOPHYSICS BBMB 461 2 CREDITS
 Prereq: 451 OR CHEM 321 OR PHYS 304
 Note: Available for nonmajor graduate credit
 2007005 TR 11:00-11:50 HONZATKO R
 MEETS: JAN 10-MAY 6

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

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

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

COMPRHNS BIOCHEM II BBMB 502 4 CREDITS
 Prereq: 501
 2011005 MTRF 1:10-2:00 DISPIRITO A
 MEETS: JAN 10-MAY 6

PROCARYOT DIVRS&ECO BBMB 530 3 CREDITS
 Prereq: MICRO 302, 302L
 6979005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

INTRO DNA TECHNIQS BBMB 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7099005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 11-FEB 10

INTR PROTEIN TECHNQ BBMB 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7100005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 15-MARCH 24

INTRO CELL TECHNIQS BBMB 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7101005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 29-APRIL 28

INTR PLNT TRNSFM TO BBMB 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7104005 WF 12:30-4:00
 MEETS: FEB 2-APRIL 27

INTR METABLMCS TCNQ BBMB 542F 1 CREDIT
 Satisfactory-Fail Only.
 6434005 1 M 1:10-2:00 PERERA M
 M 2:10-4:00 PERERA M
 MEETS: FEB 7-APRIL 18

INTRO GENOMIC TECNQ BBMB 542G 1 CREDIT
 Satisfactory-Fail Only.
 7441005 MW 1:10-2:00
 MW 2:10-4:00
 MEETS: MARCH 2-30

BIOMOLE NMR SPECTRO BBMB 552 2 CREDITS
 Prereq: CHEM 325 OR PERMISSION OF INSTRUCTOR
 2068005 ARRANGED FULTON D
 MEETS: JAN 10-MAY 6

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

WORKSHP BIOCH&BIOPH BBMB 593 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 4853005 ARRANGED NILSEN-HAMILTON
 MEETS: JAN 10-MAY 6

MCHNSM ENZY CATALYS BBMB 642 1 CREDIT
 Prereq: 404, 420, OR 501
 7188005 ARRANGED ROBYT J
 MEETS: JAN 10-MAY 6

MOLECULAR SIGNALING BBMB 645 2 CREDITS
 Prereq: 420, 405, OR 502
 2028005 TR 11:00-11:50 NILSEN-HAMILTON
 MEETS: JAN 10-MAY 6

ADVANCED SEMINAR BBMB 681 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2034005 T 4:10-6:00PM ANDREOTTI A
 MEETS: JAN 10-MAY 6

DEPARTMENT SEMINAR BBMB 682 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2035005 R 4:10-6:00PM PETERS R
 MEETS: JAN 10-MAY 6

RESEARCH SEMINAR BBMB 696 1 CREDIT
 Satisfactory-Fail Only.
 8831005 W 4:10-5:30
 MEETS: JAN 10-MAY 6

SEMN MOLEC,DV BIO BBMB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2011.
 2037005 M 3:10-5:00
 MEETS: JAN 10-MAY 6

RESEARCH BBMB 699 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOENGINEERING

INTRO BIOENGINEER I BIOE 201 3 CREDITS
 Prereq: CHEM 167
 5262005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

SYS BIOL FOR ENGINR BIOE 325 3 CREDITS
 Prereq: 202, MATH 267
 4727005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

BIOMEMS & NANOTECHNL BIOE 341 3 CREDITS
 Prereq: 202
 4729005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

BIOMEMS&NANOTEC LAB BIOE 341L 1 CREDIT
 Prereq: 202, CONCURRENT ENROLLMENT IN 341
 4760005 A T 9:00-11:50
 MEETS: JAN 10-MAY 6
 4760010 B R 3:10-6:00PM
 MEETS: JAN 10-MAY 6

BIOINFORMATICS&COMPUTATIONAL BIOL-UG

BIOINFORMATICS AND COMPUTATIONAL BIOL (CONTINUED)

INTR BIOIN&COMP BIO BCBIO 211 3 CREDITS
5589005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

FUND BI&COMP BIO II BCBIO 402 3 CREDITS
 Prereq: 401
4622005 ARRANGED
 MEETS: JAN 10-MAY 6

SEQUENC DATABS TCNQ BCBIO 442A .5 CREDIT
 Prereq: JUNIOR STANDING
 Note: Available for nonmajor graduate credit
 Satisfactory-Fail Only.
9130005 ARRANGED
 MEETS: JAN 10-MAY 6
9130600 XW ARRANGED ZABACK P
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

PROTEIN STRUCT TCNQ BCBIO 442B .5 CREDIT
 Prereq: JUNIOR STANDING
 Note: Available for nonmajor graduate credit
 Satisfactory-Fail Only.
9133005 ARRANGED
 MEETS: JAN 10-MAY 6
9133600 XW ARRANGED ZABACK P
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

PHYLOGEN ANALY TCNQ BCBIO 442C .5 CREDIT
 Prereq: JUNIOR STANDING
 Note: Available for nonmajor graduate credit
 Satisfactory-Fail Only.
9134005 ARRANGED
 MEETS: JAN 10-MAY 6
9134600 XW ARRANGED ZABACK P
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

MICRARRAY ANLY TCNQ BCBIO 442D .5 CREDIT
 Prereq: JUNIOR STANDING
 Note: Available for nonmajor graduate credit
 Satisfactory-Fail Only.
9135005 ARRANGED
 MEETS: JAN 10-MAY 6
9135600 XW ARRANGED ZABACK P
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

INDEPENDENT STUDY BCBIO 490 1- 5 CREDITS
 Prereq: BCBIO 211, JUNIOR OR SENIOR CLASSIFICATN,
 PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE
 THAN 9 CREDITS OF BCBIO 490 OR 491 TOWARD GRADUATION
 Department permission required.
8777005 ARRANGED
 MEETS: JAN 10-MAY 6

BIOINFORMATICS AND COMPUTATIONAL BIOL

INDEPENDENT STUDY BCB 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
***** SEE DEPT FOR REFERENCE NUMBERS

PRO PRACTC RESEARCH BCB 565A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
1873005 1 T 11:00-11:50
 MEETS: JAN 10-MAY 6
1873010 2 W 11:00-11:50
 MEETS: JAN 10-MAY 6

PRO PRAC INTEL PROP BCB 565B .5 CREDIT
 Prereq: GRADUATE CLASSIFICATION
1874005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV GENOME INFORMTC BCB 568 3 CREDITS
 Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430,
 CREDIT OR ENROLLMENT IN GEN 411
2081005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

COMP FUNC GENOM&BIO BCB 570 3 CREDITS
 Prereq: 567, BIOL 315, COM S 311, COM S 208 OR
 228, GEN 411, STAT 430
2125005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS BCB 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
1337005 1 ARRANGED
 MEETS: JAN 10-MAY 6
1337010 2 ARRANGED
 MEETS: JAN 10-MAY 6

WKSHP BIOINFORMATCS BCB 593 1 CREDIT
7397005 W 3:10-4:00
 MEETS: JAN 10-MAY 6

STUDT SEMINR BIOINF BCB 690 1 CREDIT
7830005 F 2:10-3:00
 MEETS: JAN 10-MAY 6

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS
7827005 ARRANGED
 MEETS: JAN 10-MAY 6

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

BIOLOGICAL SYSTEMS ENGINEERING

ENG GRPHC&INTRO DSN BSE 170X 3 CREDITS
 Prereq: SATISFACTORY SCORES ON MATHEMATICS
 PLACEMENT ASSESSMENTS; CREDIT OR ENROLLMT IN MATH 142
9320005 MW 12:10-2:00
 MEETS: JAN 10-MAY 6

ENTREPRN&INTERN SEM BSE 201 1 CREDIT
 Prereq: SOPH CLASSIF IN A E, AST, BSE OR I TEC
1676005 A MW 4:10-5:00
 MEETS: JAN 10-MARCH 4

FND AG &BIOSYS ENGR BSE 216 3 CREDITS
 Prereq: A E 110, ENGR 160, CR OR ENR IN MATH 166
1753005 A TR 12:10-1:00
 T 1:10-3:00
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN BSE 298X R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

PRIN BIOL SYS ENGRN BSE 380 3 CREDITS
8499005 Prereq: 216, CH E 357
 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

ENGINEER INTERNSHIP BSE 397X R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN BSE 398X R CREDIT
 Prereq: 298, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

SYS MODELG&CONTROLS BSE 403 3 CREDITS
 Prereq: A E 363, MATH 267
4110005 MW 9:00-9:50
 F 9:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$5.00

AGRIC ENGR DESIGN I BSE 415 2 CREDITS
 Prereq: A E 271 OR 272, E M 324
1821005 Note: Available for nonmajor graduate credit
 M 2:10-3:00, ARRANGED
 MEETS: JAN 10-MAY 6

AG ENGR DESIGN II BSE 416 2 CREDITS
 Prereq: 415
 Note: Available for nonmajor graduate credit
1853005 ARRANGED
 MEETS: JAN 10-MAY 6

GRAIN PROCESS&HANDL BSE 469 3 CREDITS
 Prereq: A E 216
4229005 MW 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$21.00

BIOLOGICAL SYSTEMS ENGINEERING (CONTINUED)

COOPERATIVE EDUCATN BSE 498X R CREDIT
 Prereq: 398, PERMISSION OF DEPARTMENT AND
 ENGINEERING CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

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

APP SCI ILLUST TCNQ BPM I 337 3 CREDITS
 Prereq: 327
 9105005 TR 2:10-5:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY BPM I 490 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTR & ADVISORY COMM
 CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLMT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ILLUSTRATION INTERN BPM I 497 1- 6 CREDITS
 Prereq: JR OR SR CLASSIFICATION IN BPM I. WRITTEN
 APPROVAL OF SUPERVISING INSTR & ADVISORY COMM CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY

INTRODUCTORY BIOL BIOL 101 3 CREDITS
 Note: CREDIT FOR EITHER BIOL 101 OR BIOL 211, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 2064005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 2064010 2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 2064015 3 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://project.bio.iastate.edu/>
 2064020 4 ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: Course delivery is WWW
 2064600 XW ARRANGED PLEASANTS J
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

OPPORTUNITI IN BIOL BIOL 111 .5 CREDIT
 Satisfactory-Fail Only.
 7407005 T 4:10-5:00
 MEETS: JAN 10-MAY 6

HUMAN BIOLOGY BIOL 155 3 CREDITS
 Prereq: HS BIOLOGY & CHEMISTRY OR BIOL 101
 7079005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 7079600 XW ARRANGED GUO H
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp reqs.php>

ENVIRONMNTL BIOLOGY BIOL 173 3 CREDITS
 2015005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://project.bio.iastate.edu>
 2015010 2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 2015600 XW ARRANGED PLEASANTS J
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

BIODIVERSITY BIOL 204 2 CREDITS
 Prereq: ONE COURSE IN LIFE SCIENCES
 3892005 TR 9:00-10:50
 MEETS: MARCH 7-MAY 6

PRIN OF BIOLOGY I BIOL 211 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
 CREDIT OR ENROLLMENT IN CHEM 163 OR 177
 Note: CREDIT FOR EITHER BIOL 101 OR BIOL 211, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 9468005 1 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 9468010 2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

BIOLOGY (CONTINUED)

PRIN BIOLOGY LAB I BIOL 211L 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN 211
 9470005 1 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470010 2 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470015 3 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470020 4 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470025 5 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470030 6 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470035 7 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470040 8 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470045 9 R 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470050 10 R 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470055 11 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470060 12 R 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470065 13 F 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470070 14 F 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470075 15 M 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00
 9470080 16 M 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00

PRIN OF BIOLOGY II BIOL 212 3 CREDITS

Prereq: 211
 9469005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 9469010 2 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6
 9469015 3 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 9469020 4 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://project.bio.iastate.edu/>
 9469600 XW ARRANGED INGBRITSEN T
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT

Prereq: CREDIT OR ENROLLMENT IN 212
 9471005 1 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471010 2 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471015 3 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471020 4 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471025 5 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471030 6 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471035 7 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471040 8 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471045 9 R 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471050 10 R 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471055 11 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471060 12 R 6:10-9:00PM
 MEETS: JAN 10-MAY 6

BIOLOGY

(CONTINUED)

PRIN BIOLOGY LAB II BIOL 212L 1 CREDIT
 Note: Materials fee \$80.00
 9471065 13 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471070 14 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471075 15 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471080 16 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471085 17 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471090 18 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471095 19 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471100 20 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471105 21 R 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471110 22 R 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471115 23 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471120 24 R 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471125 25 M 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471130 26 M 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00
 9471135 27 M 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$80.00

FUND HUMAN PHYSIOL BIOL 256 3 CREDITS
 Prereq: H.S. BIOLOGY AND CHEMISTRY, OR BIOL 101,
 OR BIOL 255 (RECOMMENDED)
 6408005 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

FND HUMN PHYSIO LAB BIOL 256L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 256
 6419005 1 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419010 2 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419015 3 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419020 4 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419025 5 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419030 6 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419035 7 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419040 8 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419045 9 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419050 10 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419055 11 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419060 12 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419065 13 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419070 14 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419075 15 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419080 16 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419085 17 R 9:00-11:50
 MEETS: JAN 10-MAY 6

BIOLOGY

(CONTINUED)

FND HUMN PHYSIO LAB BIOL 256L 1 CREDIT
 Note: Materials fee \$58.00
 6419090 18 R 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419095 19 R 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419100 20 R 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419105 21 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00
 6419110 22 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$58.00

METAB PHYSIOL MAMML BIOL 306 3 CREDITS
 Prereq: 211, 212
 Note: CREDIT FOR EITHER BIOL 306/306X OR BIOL 335, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 8911005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

PRINCIP OF GENETICS BIOL 313 3 CREDITS
 Prereq: 211, 212
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 9472005 1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

GENETICS LABORATORY BIOL 313L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 313
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 9473005 1 MW 10:00-10:30
 MW 10:30-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00
 9473010 2 MW 10:00-10:30
 MW 10:30-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00
 9473015 3 MW 1:10-1:30
 MW 1:30-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00
 9473020 4 MW 1:10-1:30
 MW 1:30-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00
 9473025 5 MW 4:10-4:30
 MW 4:30-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00
 9473030 6 MW 4:10-4:30
 MW 4:30-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00
 9473035 7 TR 9:30-10:00
 TR 10:00-11:20
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00
 9473040 8 TR 9:30-10:00
 TR 10:00-11:20
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00
 9473045 9 TR 12:40-1:10
 TR 1:10-2:30
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00
 9473050 10 TR 12:40-1:10
 TR 1:10-2:30
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00
 9473055 11 TR 3:40-4:10
 TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00
 9473060 12 TR 3:40-4:10
 TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

PRIN MOLEC CELL BIO BIOL 314 3 CREDITS
 Prereq: 313
 9474005 1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

BIOLOGICAL EVOLUTN BIOL 315 3 CREDITS
 Prereq: 313
 5604005 1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

BIOLOGY

(CONTINUED)

BIOLOGY

(CONTINUED)

COMPA CHORDATE ANAT BIOL 351 5 CREDITS
 Prereq: 212, JUNIOR CLASSIFICATION
 7090005 1 TR 9:30-10:50
 MW 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$50.00
 7090010 2 TR 9:30-10:50
 TR 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$50.00
 7090015 3 TR 9:30-10:50
 MW 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$50.00

VERTEBRAT HISTOLOGY BIOL 352 4 CREDITS
 Prereq: 212
 7091005 A MWF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$100.00
 7091010 B MWF 10:00-10:50
 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$100.00

INTRO PARASITOLOGY BIOL 353 4 CREDITS
 Prereq: 212
 7088005 TR 9:30-10:50 OSTOJIC J
 T 3:10-6:00PM OSTOJIC J
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00

PLANTS & PEOPLE BIOL 355 3 CREDITS
 Prereq: 211, 211L
 2082005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

PLANT SYSTEMATICS BIOL 366 4 CREDITS
 Prereq: 211
 2084010 1 TR 12:40-2:00
 MW 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00
 2084015 2 TR 12:40-2:00
 MW 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00
 2084020 3 TR 12:40-2:00
 MW 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00

ANALYS ENVIRON SYST BIOL 382 3 CREDITS
 Prereq: 381
 Note: Available for nonmajor graduate credit
 4805005 1A MW 1:10-2:00 CASTELLANO M
 M 2:10-4:00 CASTELLANO M
 MEETS: JAN 10-MAY 6
 4805010 1B MW 1:10-2:00 CASTELLANO M
 M 2:10-4:00 CASTELLANO M
 MEETS: JAN 10-MAY 6
 4805015 2A MW 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 4805020 2B MW 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 10-MAY 6

PRE-FLD TRIP SEMINR BIOL 393A 1 CREDIT
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1918005 ARRANGED
 MEETS: MARCH 7-MAY 6

N AMERIC FIELD TRIP BIOL 393B 1- 3 CREDITS
 Prereq: TWO COURSES BIOL SCI, APPROVAL OF APPLIC
 1921005 ARRANGED
 MEETS: MARCH 7-MAY 6

INTL FIELD TRIP SEM BIOL 394A 1- 3 CREDITS
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES
 AND BY APPROVAL OF APPLICATION
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 3167005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

INTERNAT FIELD TRIP BIOL 394B 1- 3 CREDITS
 Prereq: TWO COURSES IN THE BIOLOGICAL SCIENCES
 AND BY APPROVAL OF APPLICATION
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 3223005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

DEVELOPMENTAL BIOL BIOL 423 3 CREDITS
 Prereq: 313
 7103005 1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

DEVELOPMTL BIOL LAB BIOL 423L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 423
 5680005 1 TR 12:10-1:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$200.00
 5680010 2 TR 1:40-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$90.00

TOPICS CELL BIOLOGY BIOL 428 3 CREDITS
 Prereq: 314
 Note: Available for nonmajor graduate credit
 7102005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

GEN COMPAR ENDOCRIN BIOL 434 3- 4 CREDITS
 Prereq: 211, 212
 Note: Available for nonmajor graduate credit
 7106005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A OFFERED FOR 3 CREDITS SPRING 2011.
 Materials fee \$0.00-\$25.00

BRYOPHYT&LICHN DVRS BIOL 455 3 CREDITS
 Prereq: 212 AND 212L
 8909005 TR 6:00-8:30PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$25.00

ORNITHOLOGY BIOL 458 3 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2140005 1 MW 10:00-10:50
 T 7:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00
 2140010 2 MW 10:00-10:50
 W 7:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00

MAMMALOLOGY BIOL 459 3 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2155005 1 MW 2:10-3:00
 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$20.00
 2155010 2 MW 2:10-3:00
 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$20.00

EVOLUTNARY GENETICS BIOL 462 3 CREDITS
 Prereq: BIOL 315
 Note: Available for nonmajor graduate credit
 7110005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

COMMUNITY ECOLOGY BIOL 472 3 CREDITS
 Prereq: 312
 Note: Available for nonmajor graduate credit
 2100005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

PLANT ECOLOGY BIOL 474 3 CREDITS
 Prereq: BIOL 312
 Note: Available for nonmajor graduate credit
 2099005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

FUNCTIONAL ECOLOGY BIOL 476 3 CREDITS
 Prereq: 312
 2156005 ARRANGED
 MEETS: JAN 10-MAY 6

ECOSYSTEM ECOLOGY BIOL 484 3 CREDITS
 Prereq: COMBINED 12 CREDITS IN BIOL AND CHEM
 8689005 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

MICROBIAL ECOLOGY BIOL 487 3 CREDITS
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM
 Note: Available for nonmajor graduate credit
 3511005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

ID AQUATIC ORGANSMS BIOL 488 1 CREDIT
 Note: Available for nonmajor graduate credit
 4644005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 4644600 XW ARRANGED DOWNING J
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

BIOLOGY

(CONTINUED)

IND STU BIOL RESRCH BIOL 490R 1- 6 CREDITS
 Prereq: 8 CR IN BIOL & PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS IN BIOL 490 MAY BE APPLIED
 TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE
 APPLIED TO THE MAJOR

 SEE DEPT FOR REFERENCE NUMBERS

LAB TEACHNG EXPERNC BIOL 491 1- 2 CREDITS
 Prereq: PERMISSION OF SUPERVISING STAFF
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP BIOL 494 1- 3 CREDITS
 Prereq: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCE;
 PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BIOL 498 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
 4546005 ARRANGED
 MEETS: JAN 10-MAY 6

BIOMEDICAL SCIENCES

AN&PHYSL DOMES ANIM B M S 329 3 CREDITS
 Prereq: BIOL 212, 212L
 6968005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

PRIN MORPHOLOGY II B M S 331 4 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
 6009005 TR 1:10-2:00
 TR 2:10-4:00
 F 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$100.00

BIOMEDICAL SCIEN II B M S 334 6 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 1936005 1 MTR 8:00-8:50
 WF 10:00-10:50
 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 1936010 2 MTR 8:00-8:50
 WF 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 10-MAY 6

NEUROANATOMY B M S 337 3 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
 6833005 1 MW 9:00-9:50
 M 10:00-11:50
 MEETS: JAN 10-MAY 6
 6833010 2 MW 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 10-MAY 6

CASE STUDY II B M S 346 1 CREDIT
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 6458005 F 1:10-2:00
 MEETS: JAN 10-MAY 6

GENERAL PHARMACOLGY B M S 354 3 CREDITS
 Prereq: 333, 334
 Note: Available for nonmajor graduate credit
 3518010 2 MTR 2:10-3:00
 MEETS: JAN 10-MAY 6

INTR AQUAT ANIM MED B M S 401 1 CREDIT
 2729005 1 T 7:10-9:00PM
 MEETS: MARCH 7-MAY 6

BEHAVIOR DOMES ANIM B M S 403 1 CREDIT
 Prereq: CLASSIFICATION IN V MED
 6840005 F 12:10-1:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY B M S 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS B M S 490H 1- 5 CREDITS
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.

 SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

(CONTINUED)

RES MTHD BIOMED SCI B M S 501 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A
 B M S FACULTY MEMBER
 6978005 ARRANGED
 MEETS: JAN 10-MAY 6

PRIN MORPHOLOGY II B M S 531 4 CREDITS
 Prereq: 530
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6678005 TR 1:10-2:00
 TR 2:10-4:00
 F 2:10-4:00
 MEETS: JAN 10-MAY 6

NEUROANATOMY B M S 537 3 CREDITS
 Prereq: 10 CR IN BIOL SCIENCE & INSTR PERMISSION
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6847005 1 MW 9:00-9:50
 M 10:00-11:50
 MEETS: JAN 10-MAY 6
 6847010 2 MW 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 10-MAY 6

INTRO DNA TECHNIQS B M S 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7133005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 11-FEB 10

INTR PROTEIN TECHNQ B M S 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7134005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 15-MARCH 24

INTRO CELL TECHNIQS B M S 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7135005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ B M S 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7137005 WF 12:30-4:00
 MEETS: FEB 2-APRIL 27

INTR METABLMCS TCNQ B M S 542F 1 CREDIT
 Satisfactory-Fail Only.
 6471005 1 M 1:10-2:00 PERERA M
 M 2:10-4:00 PERERA M
 MEETS: FEB 7-APRIL 18

INTRO GENOMIC TECNQ B M S 542G 1 CREDIT
 Satisfactory-Fail Only.
 7752005 MW 1:10-2:00
 MW 2:10-4:00
 MEETS: MARCH 2-30

ADV VERTEB PHYSL II B M S 552 3 CREDITS
 Prereq: BIOL 335; CR OR ENRLMT IN BBMB 404 OR 420
 6983005 1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

GENERAL PHARMACOLGY B M S 554 3 CREDITS
 Prereq: 549, 552, BBMB 404, 405
 3531005 MTF 1:10-2:00
 MEETS: JAN 10-MAY 6

SPCL TOPICS ANATOMY B M S 590A 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PHYSIOLOGY B M S 590B 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC PHARMACOL B M S 590C 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS CELL BIOL B M S 590D 1- 7 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT B M S 599 1- 3 CREDITS
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM,
 PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

RESEARCH REVIEW B M S 688 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 8961005 ARRANGED
 MEETS: JAN 10-MAY 6

BIOMEDICAL SCIENCES (CONTINUED)

ADV TOPICS ANATOMY B M S 690A 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC PHYSIOLOGY B M S 690B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC PHARMACOL B M S 690C 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPCS CELL BIOL B M S 690D 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR B M S 698A R CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 5776005 R 12:10-1:00
 MEETS: JAN 10-MAY 6

SEMINAR B M S 698B 1 CREDIT
 Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM
 Satisfactory-Fail Only.
 6995005 R 12:10-1:00
 MEETS: JAN 10-MAY 6

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

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

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

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

BIORENEWABLE RESOURCES & TECHNOLOGY

FUND BIORENEW RESOU BRT 501 3 CREDITS
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 6534005 A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 6534600 XE ARRANGED RAMAN D
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 2:10-3 PM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

BIOBASE PROD SEMINR BRT 506A 1 CREDIT
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 Satisfactory-Fail Only.
 6476005 ARRANGED
 MEETS: JAN 10-MAY 6
 6476600 XE ARRANGED RAMAN D
 MEETS: JAN 10-MAY 6
 Note: Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$190.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

BIOBASE PROD SEMINR BRT 506B R CREDIT
 Prereq: UG TRAINING IN AN ENGR OR PHYSICAL OR
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 Satisfactory-Fail Only.
 6505005 ARRANGED
 MEETS: JAN 10-MAY 6

THRMOCHM PROC BIOMS BRT 535 3 CREDITS
 Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS
 AND TRANSPORT PHENOMENA
 4858600 XE ARRANGED BROWN R
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 9:30-10:15 AM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

BIORENEWABLE RESOURCES & TECHNOLOGY (CONTINUED)

SPECIAL TOPICS BRT 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIORENEW RSOURC LAB BRT 591L 1 CREDIT
 Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BRT 699 VAR. CREDITS
 Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION

ORIENTATION BUSAD 101 .5 CREDIT
 Note: CREDIT FOR EITHER BUSAD 101/101H OR BUSAD 102,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.
 6144005 1 T 12:40-1:30
 MEETS: JAN 10-MARCH 4
 6144010 2 R 12:40-1:30
 MEETS: JAN 10-MARCH 4
 6144015 3 W 8:00-8:50
 MEETS: JAN 10-MARCH 4
 6144020 4 W 11:00-11:50
 MEETS: JAN 10-MARCH 4
 6144025 5 F 11:00-11:50
 MEETS: JAN 10-MARCH 4

CMPTR COMPTNC BUSNS BUSAD 150 R CREDIT
 Satisfactory-Fail Only.
 8808005 A ARRANGED
 MEETS: JAN 10-MAY 6

INTRO BUS CAREERS BUSAD 201 .5 CREDIT
 Prereq: 101
 Note: College permission required to add during
 1st week. Go to 1200 Gerdin.
 Satisfactory-Fail Only.
 2705005 1 T 2:10-3:00
 MEETS: JAN 10-MARCH 4
 2705010 2 R 2:10-3:00
 MEETS: JAN 10-MARCH 4
 2705015 3 T 3:40-4:30
 MEETS: JAN 10-MARCH 4
 2705020 4 R 3:40-4:30
 MEETS: JAN 10-MARCH 4
 2705025 5 T 12:40-1:30
 MEETS: MARCH 7-MAY 6
 2705030 6 R 12:40-1:30
 MEETS: MARCH 7-MAY 6

INTRO TO BUSINESS BUSAD 250 3 CREDITS
 Prereq: 101; 150 OR COM S 103
 Note: SEC A1,B1 ECT RESTRICTED TO COLLEGE OF BUSINESS
 ONLY. SEC A2,B2 ECT FOR MAJORS OTHER THAN IN THE
 COLLEGE OF BUSINESS.
 8807005 A1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 8807010 A2 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 8807015 B1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 8807020 B2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 8807025 C1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 8807030 C2 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 8807035 D1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 8807040 D2 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 8807045 E1 MW 3:40-5:00
 MEETS: JAN 10-MAY 6
 8807050 E2 MW 3:40-5:00
 MEETS: JAN 10-MAY 6

EXP DOMESTIC INTERN BUSAD 291A 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 PRIOR TO THE LEARNING EXPERIENCE
 Note: Department permission required.
 Satisfactory-Fail Only.
 6723020 QH ARRANGED
 MEETS: JAN 10-MAY 6
 6723005 RD ARRANGED
 MEETS: JAN 10-MAY 6
 6723015 TC ARRANGED
 MEETS: JAN 10-MAY 6

ENTREPRENSHP SEMINR BUSAD 292 1 CREDIT
 Prereq: MEMBERSHIP OR APPLIED FOR MEMBERSHIP
 TO ENTREPRENEURSHIP AND INNOVATION LEARNING COMMUNITY
 8304005 T 9:30-10:50
 MEETS: JAN 10-MAY 6

BUSINESS ADMINISTRATION (CONTINUED)

PRO EMPLOYMENT PREP BUSAD 301 .5 CREDIT
 Prereq: 201
 Note: COURSE RESTRICTED TO COLLEGE OF BUSINESS STUDENTS ONLY. NOT OPEN TO GRADUATE STUDENTS
 College permission required to add during 1st week. Go to 1200 Gerdin.
 Satisfactory-Fail Only.
 5618005 1 T 2:10-3:00
 MEETS: MARCH 7-MAY 6
 5618010 2 R 2:10-3:00
 MEETS: MARCH 7-MAY 6
 5618015 3 T 3:40-4:30
 MEETS: MARCH 7-MAY 6
 5618020 4 R 3:40-4:30
 MEETS: MARCH 7-MAY 6
 5618025 5 W 1:10-2:00
 MEETS: JAN 10-MARCH 4
 5618030 6 F 1:10-2:00
 MEETS: JAN 10-MARCH 4

COOPERATIVE EDUC BUSAD 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS
 PERMISSION OF KATHY WIELAND REQUIRED TO ADD.
 Satisfactory-Fail Only.
 6147005 A ARRANGED
 MEETS: JAN 10-MAY 6
 Note: College permission required to add during 1st week. Go to 1200 Gerdin.

IND STDY ENTREPRENR BUSAD 490E 1- 3 CREDITS
 Note: Instructor permission required.
 3635005 ARRANGED
 MEETS: JAN 10-MAY 6

INDEP STUDY HONORS BUSAD 490H 1- 3 CREDITS
 Prereq: ADMISSION TO THE BUSINESS HONORS PROGRAM
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXP DOMESTC INTERNS BUSAD 491A 1- 3 CREDITS
 Prereq: PROFESSIONAL PROGRAM, 12 CREDITS FROM COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE.
 Note: FOR SOPH AND ABOVE IN THE COLLEGE OF BUSINESS. Department permission required.
 Satisfactory-Fail Only.
 6722020 QH ARRANGED
 MEETS: JAN 10-MAY 6
 6722005 RD ARRANGED
 MEETS: JAN 10-MAY 6
 6722015 TC ARRANGED
 MEETS: JAN 10-MAY 6

PRO EXPERIENTL LRNG BUSAD 591 1- 3 CREDITS
 Prereq: GRADUATE STANDING; WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
 7533010 MP ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

MBA PRO SKIL DEV II BUSAD 594X R CREDIT
 Satisfactory-Fail Only.
 9425005 F 8:30-11:50 CRUM M
 MEETS: JAN 14-APRIL 8

COOPERATIVE EDUCATN BUSAD 598 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 Instructor permission required.
 Satisfactory-Fail Only.
 7906005 ARRANGED
 MEETS: JAN 10-MAY 6

CREATIV COMP ACCNTG BUSAD 599A 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP FINANC BUSAD 599C 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MANAGMT BUSAD 599E 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MARKTNG BUSAD 599F 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ADMINISTRATION (CONTINUED)

CRTV CMP LOGIST&SCM BUSAD 599H 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP MGT INF SY BUSAD 599K 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER&SCM BUSAD 599L 3 CREDITS
 Prereq: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BUSAD 699 3- 6 CREDITS
 Prereq: GRAD CLASSIF, PERMISSION OF MAJOR PROF
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING

LEARNING COMMUNITY CH E 104 R CREDIT
 Prereq: ENROLLMENT IN CH E LEARNING TEAM
 Satisfactory-Fail Only.
 3630005 A T 2:10-3:00
 MEETS: JAN 10-MAY 6
 3630010 B W 2:10-3:00
 MEETS: JAN 10-MAY 6

MATRL &ENERGY BALNC CH E 210 3 CREDITS
 Prereq: CHEM 178, MATH 166
 2429005 A MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

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

COMPUT MTHDS CHEM E CH E 310 3 CREDITS
 Prereq: 210 AND ENGR 160
 Note: Available for nonmajor graduate credit
 2104005 A TR 8:00-9:20
 MEETS: JAN 10-MAY 6

CHEMICAL ENGR LAB I CH E 325 2 CREDITS
 Prereq: 357, CREDIT OR ENROLLMENT IN 381
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 5699005 A TR 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$65.00
 5699010 B TR 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$65.00

TRANSPRT PHENOMEN I CH E 356 3 CREDITS
 Prereq: 210, PHYS 221, CR OR ENR IN MATH 267
 Note: Available for nonmajor graduate credit
 2435005 A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 2435010 B MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

TRANSPRT PHENOMN II CH E 357 3 CREDITS
 Prereq: 356, CREDIT OR ENROLLMENT IN 310
 Note: Available for nonmajor graduate credit
 2436005 A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

SEPARATIONS CH E 358 3 CREDITS
 Prereq: 310, 357
 Note: Available for nonmajor graduate credit
 2437005 A MWF 3:10-4:00
 MEETS: JAN 10-MAY 6
 2437010 B MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

CH E THERMODYNAMICS CH E 381 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 310, MATH 267, PHYS 222, CHEM 325
 Note: Available for nonmajor graduate credit
 2438005 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

CHEMICL REACTN ENGR CH E 382 3 CREDITS
 Prereq: CR IN 310, 381, CR OR ENROLLMENT IN 357
 Note: Available for nonmajor graduate credit
 2439005 A MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

F STDY ORIEN AT ISU CH E 391A 3 CREDITS
 Prereq: 356, PERMISSION OF INSTRUCTOR
 Note: CREDIT FOR GRADUATION ALLOWABLE ONLY UPON COMPLETION OF CH E 392.
 Meets international perspectives reqmt
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2440010 SP T 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

CHEMICAL ENGINEERING (CONTINUED)

CHEMICAL ENGINEERING (CONTINUED)

ENGINEER INTERNSHIP CH E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT EACH TIME TAKEN
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC CH E 398 R CREDIT
 Prereq: 298, PERMISSION OF DEPARTMT EACH TIME TAKEN
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOCHEMICAL ENGINEER CH E 415 3 CREDITS
 Prereq: 357, 382 RECOMMENDED, CHEM 331
 Note: Available for nonmajor graduate credit
 2446005 A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

PROCESS CONTROL CH E 421 3 CREDITS
 Prereq: CREDIT OR ENROLLMNT IN 358, 382, MATH 267
 Note: Available for nonmajor graduate credit
 2447005 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

CHEMICAL ENGR LAB II CH E 426 2 CREDITS
 Prereq: 325, 358, 382
 Note: RESTRICTED TO CH E SENIORS GRADUATING SPRING 2010
 CREDIT FOR EITHER CH E 426 OR CH E 427, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 2448005 A T 2:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$70.00
 2448010 B R 2:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$70.00

BIOLOGICAL ENGR LAB CH E 427 2 CREDITS
 Prereq: 325, 358, 382, BBMB 301
 Note: CREDIT FOR EITHER CH E 426 OR CH E 427, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 2107005 A R 2:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$90.00

PROCESS&PLANT DESIGN CH E 430 4 CREDITS
 Prereq: 358,382
 Note: Available for nonmajor graduate credit
 2449005 A TR 9:00-9:50
 TR 10:00-11:50
 MEETS: JAN 10-MAY 6

BIOMED APP CHEM ENG CH E 440 3 CREDITS
 Prereq: 210, MATH 266, PHYS 222
 Note: Available for nonmajor graduate credit
 2108005 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

POLYMERS & POLY ENGR CH E 442 3 CREDITS
 Prereq: 382 AND CHEM 331 OR MAT E 351
 Note: Available for nonmajor graduate credit
 2451005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY CH E 490 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS CH E 490H 1- 6 CREDITS
 Prereq: MEMBERSHIP IN THE HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

UNDERGRAD RESEARCH CH E 499 3 CREDITS
 Prereq: PERMISSION OF DEPARTMENT
 Note: NO MORE THAN 6 CREDITS OF CH E 499 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOCHEMICAL ENGINEER CH E 515 3 CREDITS
 Prereq: 357, 382, CHEM 331
 2136005 A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

BIOMED APP CHEM ENG CH E 540 3 CREDITS
 Prereq: 210, MATH 266, PHYS 222
 2462005 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

ADV THERMODYNAMICS CH E 583 3 CREDITS
 Prereq: 381
 2467005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 2467600 XE ARRANGED LAMM M
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 2:10-3:30 PM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Cmptr reqmt: <http://www.ede.iastate.edu/support/help-central.html>

ADV CH REACTOR DSGN CH E 587 3 CREDITS
 Prereq: 382
 2468005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT CH E 599 VAR. CREDITS
 2478005 A ARRANGED
 MEETS: JAN 10-MAY 6

SEMINAR CH E 601 R CREDIT
 Satisfactory-Fail Only.
 2479005 A R 11:00-11:50
 MEETS: JAN 10-MAY 6

MULTIPHASE FLOW CH E 632 3 CREDITS
 Prereq: M E 538
 2678005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

PRIN&AP MOLEC SIMUL CH E 642 3 CREDITS
 Prereq: 545
 8061005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

CATALYTIC PROCESSES CH E 688 3 CREDITS
 Prereq: 382
 2469005 ARRANGED
 MEETS: JAN 10-MAY 6

ENGINEER INTERNSHIP CH E 697 R CREDIT
 Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF
 2116005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

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

CHEMISTRY

COLLEGE CHEM PREP CHEM 50 0 CREDITS
 Prereq: ONE YEAR OF HIGH SCHOOL ALGEBRA
 Note: DEVELOPMENTAL CHEM FEE APPLIES. SEE TUITION AND
 FEES WEBSITE FOR MORE INFORMATION ON FEE. CREDIT FOR.
 CHEM 50 DOES NOT APPLY TOWARD GRADUATION.
 4523010 MTWRF 12:10-1:00 BURKE K
 MEETS: MARCH 7-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem50/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem50/syllabus.html>

CHEM RESRCH&CAREER CHEM 110X 1 CREDIT
 Satisfactory-Fail Only.
 2670005 R 4:10-5:00 BURNETT J
 MEETS: JAN 10-MAY 6
 Section info: <http://http://avogadro.chem.iastate.edu/chem110x/>
 Syllabus: <http://http://avogadro.chem.iastate.edu/chem110x/syllabus.html>

CHEM IN MOD SOCIETY CHEM 160 3 CREDITS
 2488005 MWF 10:00-10:50 BURNETT J
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem160/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem160/syllabus.html>

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
 Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY AND
 EITHER CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR
 ENROLLMENT IN 163L
 Note: MUST BE ACCOMPANIED BY CHEM 163L UNLESS STUDENT
 ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF
 THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE
 APPLIED TOWARD GRADUATION: CHEM 163, CHEM 165,
 CHEM 167, CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE
 TO STUDENTS ALSO REGISTERED.
 Department permission required 1st week.
 2489005 1 MWF 9:00-9:50 BONACCORSI C
 R 8:00-8:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem163/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489010 2 MWF 9:00-9:50 BONACCORSI C
 R 9:00-9:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem163/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489015 3 MWF 9:00-9:50 BONACCORSI C
 R 9:00-9:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem163/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

2489020 4 MWF 9:00-9:50 BONACCORSI C
 R 10:00-10:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem163/>

CHEMISTRY (CONTINUED)

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>
 2489025 5 MWF 9:00-9:50 BONACCORSI C
 R 10:00-10:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem163/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>
 2489030 6 MWF 9:00-9:50 BONACCORSI C
 R 11:00-11:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem163/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>
 2489035 7 MWF 9:00-9:50 BONACCORSI C
 R 12:10-1:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem163/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>
 2489040 8 MWF 9:00-9:50 BONACCORSI C
 R 1:10-2:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem163/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>
 2489045 9 MWF 9:00-9:50 BONACCORSI C
 R 2:10-3:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem163/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>
 2489050 10 MWF 9:00-9:50 BONACCORSI C
 R 3:10-4:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem163/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163/syllabus.html>

GENERAL CHEM LAB I CHEM 163L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 163
 Note: MUST BE ACCOMPANIED BY CHEM 163 UNLESS STUDENT ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L
 Department permission required 1st week.
 2490005 1 M 12:10-3:00 BONACCORSI C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490010 2 M 3:10-6:00PM BONACCORSI C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490015 3 T 9:00-11:50 BONACCORSI C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490020 4 T 12:10-3:00 BONACCORSI C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490025 5 T 12:10-3:00 BONACCORSI C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490030 6 T 3:10-6:00PM BONACCORSI C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490035 7 T 3:10-6:00PM BONACCORSI C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490040 8 W 12:10-3:00 BONACCORSI C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>

CHEMISTRY (CONTINUED)

GENERAL CHEM LAB I CHEM 163L 1 CREDIT
 /chem163l/
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490045 9 W 3:10-6:00PM BONACCORSI C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490050 10 R 12:10-3:00 BONACCORSI C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490055 11 R 3:10-6:00PM BONACCORSI C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem163l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem163l/syllabus.html>

ENGNRS GENERAL CHEM CHEM 167 4 CREDITS
 Prereq: MATH 140 OR THE HIGH SCHOOL EQUIV AND ONE YEAR OF TRADITIONAL COLLEGE PREP CHEM OR CHEM 50
 Note: RESTRICTED TO ENGR COLLEGE MAJORS OR OPEN. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 165, CHEM 167, CHEM 177, CHEM 201.
 TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.
 2493005 1 MWF 11:00-11:50 HOUK R
 T 9:00-9:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem167/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493010 2 MWF 11:00-11:50 HOUK R
 T 10:00-10:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem167/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493015 3 MWF 11:00-11:50 HOUK R
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem167/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493020 4 MWF 11:00-11:50 HOUK R
 T 12:10-1:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem167/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493025 5 MWF 11:00-11:50 HOUK R
 T 1:10-2:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem167/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493030 6 MWF 11:00-11:50 HOUK R
 T 2:10-3:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem167/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>
 2493035 7 MWF 11:00-11:50 HOUK R
 T 2:10-3:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem167/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167/syllabus.html>

ENGINR GEN CHEM LAB CHEM 167L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 167
 Note: COURSE RESTRICTED TO ENGR COLLEGE & LAS OPEN. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L.
 2494005 1 M 12:10-3:00 HOUK R
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem167l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494010 2 M 3:10-6:00PM HOUK R
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem167l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494015 3 T 12:10-3:00 HOUK R
 MEETS: JAN 10-MAY 6

CHEMISTRY

(CONTINUED)

ENGINR GEN CHEM LAB CHEM 167L 1 CREDIT
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem167l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494020 4 T 3:10-6:00PM HOUK R
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem167l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494025 5 W 12:10-3:00 HOUK R
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem167l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494030 6 W 3:10-6:00PM HOUK R
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem167l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494035 7 R 9:00-11:50 HOUK R
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem167l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494040 8 R 12:10-3:00 HOUK R
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem167l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

2494045 9 R 3:10-6:00PM HOUK R
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem167l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR 1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177L. CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.
 Note: CHEM 177 MUST BE ACCOMPANIED BY CHEM 177L UNLESS STUDENT ALREADY HAS CREDIT IN 177L. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION: CHEM 163, CHEM 165, CHEM 167, CHEM 177, CHEM 201. TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.
 Department permission required 1st week.

2495010 1 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495015 2 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495020 3 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495025 4 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495030 5 MWF 12:10-1:00
 R 10:00-10:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495035 6 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495040 7 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495045 8 MWF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>

CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY I CHEM 177 4 CREDITS
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495050 9 MWF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495055 10 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495060 11 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495065 12 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem177/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 177
 Note: CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L, CHEM 177N, CHEM 201L.
 Department permission required 1st week.

2496005 1 M 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496010 2 M 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496015 3 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496020 4 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496025 5 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496030 6 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496035 7 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496040 8 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496045 9 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496050 10 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

CHEMISTRY

(CONTINUED)

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
 /syllabus.html
 2496055 11 R 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496060 12 R 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496065 13 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>
 2496070 14 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem177l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 Prereq: 177, 177L
 Note: TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED CREDIT FOR EITHER CHEM 164 (AND 164L) OR CHEM 178 (AND 178L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 2499005 1 MW 1:10-2:00 GREENBOWE T
 F 8:00-8:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499010 2 MW 1:10-2:00 GREENBOWE T
 F 8:00-8:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499015 3 MW 1:10-2:00 GREENBOWE T
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499020 4 MW 1:10-2:00 GREENBOWE T
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499025 5 MW 1:10-2:00 GREENBOWE T
 F 10:00-10:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499030 6 MW 1:10-2:00 GREENBOWE T
 F 11:00-11:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499035 7 MW 1:10-2:00 GREENBOWE T
 F 11:00-11:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499040 8 MW 1:10-2:00 GREENBOWE T
 F 12:10-1:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499045 9 MW 1:10-2:00 GREENBOWE T
 F 12:10-1:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499050 10 MW 1:10-2:00 GREENBOWE T
 F 1:10-2:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>

CHEMISTRY

(CONTINUED)

GENERAL CHEMISTRY II CHEM 178 3 CREDITS
 /chem178/
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499055 11 MW 1:10-2:00 GREENBOWE T
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499060 12 MW 1:10-2:00 GREENBOWE T
 F 3:10-4:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499065 13 MW 3:10-4:00 KINGSTON J
 F 8:00-8:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499070 14 MW 3:10-4:00 KINGSTON J
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499075 15 MW 3:10-4:00 KINGSTON J
 F 10:00-10:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499080 16 MW 3:10-4:00 KINGSTON J
 F 10:00-10:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499085 17 MW 3:10-4:00 KINGSTON J
 F 11:00-11:50
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499090 18 MW 3:10-4:00 KINGSTON J
 F 12:10-1:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499095 19 MW 3:10-4:00 KINGSTON J
 F 12:10-1:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499100 20 MW 3:10-4:00 KINGSTON J
 F 1:10-2:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499105 21 MW 3:10-4:00 KINGSTON J
 F 1:10-2:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499110 22 MW 3:10-4:00 KINGSTON J
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499115 23 MW 3:10-4:00 KINGSTON J
 F 3:10-4:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>
 2499125 24 MW 3:10-4:00 KINGSTON J
 F 3:10-4:00
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem178/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>

CHEMISTRY

(CONTINUED)

LAB GENERAL CHEMIST CHEM 178L 1 CREDIT
 Prereq: 177L AND CREDIT OR ENROLLMENT IN 178.
 178L IS NOT A NECESSARY COREQUISITE WITH 178.
 Note: MUST BE ACCOMPANIED BY OR HAVE CREDIT IN 178.
 CREDIT FOR EITHER CHEM 164L OR CHEM 178L, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

2500005 1 M 9:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500010 2 M 12:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500015 3 M 12:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500020 4 M 3:10-6:00PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500025 5 M 3:10-6:00PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500030 6 T 9:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500035 7 T 9:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: SECTION 7 RESTRICTED TO HONORS STUDENTS ONLY
 Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500040 8 T 9:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500045 9 T 12:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500050 10 T 12:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500055 11 T 12:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500060 12 T 3:10-6:00PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500065 13 T 3:10-6:00PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500070 14 W 9:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

CHEMISTRY

(CONTINUED)

LAB GENERAL CHEMIST CHEM 178L 1 CREDIT
 2500075 15 W 9:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500080 16 W 12:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500085 17 W 12:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500090 18 W 3:10-6:00PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500095 19 W 3:10-6:00PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500100 20 R 9:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500105 21 R 9:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500110 22 R 9:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500115 23 R 12:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500120 24 R 12:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500125 25 R 3:10-6:00PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500130 26 R 3:10-6:00PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem1781/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

QUANT&ENVIRO ANALYS CHEM 211 2 CREDITS
 Prereq: 164 AND 164L, CREDIT OR ENROLLMNT IN 178,
 OR 201 AND 201L; AND CONCURRENT ENROLLMENT IN 211L

2503005 1 MW 11:00-11:50 FANG N
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem211/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem211/syllabus.html>

CHEMISTRY

(CONTINUED)

QNT&ENVR ANALY LAB CHEM 211L 2 CREDITS
 Prereq: 164, 164L, CREDIT OR ENROLLMENT IN 178,
 OR 201 AND 177N; CONCURRENT ENROLLMENT IN 211L
 3678005 1 MW 12:10-3:00 FANG N
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem211l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem211l/syllabus>

3678010 2 TR 9:00-11:50 FANG N
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem211l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem211l/syllabus.html>

3678015 3 TR 12:10-3:00 FANG N
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem211l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem211l/syllabus.html>

3678020 4 TR 3:10-6:00PM FANG N
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem211l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem211l/syllabus.html>

ELEM ORGANIC CHEM CHEM 231 3 CREDITS
 Prereq: 163,163L, OR 177,177L; CR OR ENR IN 231L
 Note: CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231 (AND 231L) OR CHEM 331 (AND 331L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2504005 MWF 11:00-11:50 JEFFRIES-EL M
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem231/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem231/syllabus.html>

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 231; 163L OR 177L
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 7900005 1 M 12:10-1:00 KINGSTON J
 M 1:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

7900010 2 T 9:00-9:50 KINGSTON J
 T 10:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

7900015 3 T 12:10-1:00 KINGSTON J
 T 1:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

7900020 4 T 3:10-4:00 KINGSTON J
 T 4:10-6:00PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

7900025 5 W 12:10-1:00 KINGSTON J
 W 1:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

7900030 6 R 12:10-1:00 KINGSTON J
 R 1:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

7900035 7 R 3:10-4:00 KINGSTON J
 R 4:10-6:00PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 Section info: <http://avogadro.chem.iastate.edu/chem231l/>

CHEMISTRY

(CONTINUED)

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDIT
 /chem231l/
 Syllabus: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

FRESH&SOPH RESEARCH CHEM 299 VAR. CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

INORGANIC CHEMISTRY CHEM 301 2 CREDITS
 Note: Available for nonmajor graduate credit
 2507005 MW 11:00-11:50 VELA-BECERRA J
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem301/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem301/syllabus.html>

PHYSICAL CHEM LAB CHEM 321L 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 324 OR 325
 Note: THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 Available for nonmajor graduate credit
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 2511005 1 WF 2:10-3:00 SCHMIDT-ROHR K
 TR 9:00-11:50 SCHMIDT-ROHR K
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem321l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem321l/syllabus.html>

2511010 2 WF 2:10-3:00 SCHMIDT-ROHR K
 TR 12:10-3:00 SCHMIDT-ROHR K
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem321l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem321l/syllabus.html>

2511015 3 WF 2:10-3:00 SCHMIDT-ROHR K
 TR 3:10-6:00PM SCHMIDT-ROHR K
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem321l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem321l/syllabus.html>

PHYSICAL CHEM LAB CHEM 322L 3 CREDITS
 Prereq: 324
 Note: THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 Available for nonmajor graduate credit
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 2515005 1 WF 2:10-3:00 SCHMIDT-ROHR K
 TR 9:00-11:50 SCHMIDT-ROHR K
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem322l/syllabus.html>

2515010 2 WF 2:10-3:00 SCHMIDT-ROHR K
 TR 12:10-3:00 SCHMIDT-ROHR K
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem322l/syllabus.html>

2515015 3 WF 2:10-3:00 SCHMIDT-ROHR K
 TR 3:10-6:00PM SCHMIDT-ROHR K
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem322l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem322l/syllabus.html>

CHEMICAL THERMODYNAM CHEM 325 3 CREDITS
 Prereq: 178, MATH 166, PHYS 222 RECOMMENDED
 Note: Available for nonmajor graduate credit
 5224005 1 MWF 9:00-9:50 SONG X
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem325/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem325/syllabus.html>

5224010 2 MWF 9:00-9:50 WINDUS T
 MEETS: JAN 10-MAY 6
 Note: SEC 2 FOR STUDENTS WHO HAVE TAKEN CHEM 324.
 Section info: <http://avogadro.chem.iastate.edu/chem325/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem325/syllabus.html>

CHEMISTRY (CONTINUED)

ORGANIC CHEMISTRY I CHEM 331 3 CREDITS
 Prereq: 178 OR 201, ENROLLMENT IN 331L HIGHLY RECOMMENDED
 Note: CREDIT FOR EITHER CHEM 331 (AND 331L) OR CHEM 231 (AND 231L), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 2516005 1 MWF 9:00-9:50 TRAHANOVSKY W
 MEETS: JAN 10-MAY 6

LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 331, 177L
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: CHEM 231L, CHEM 331L, CHEM 333L
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 5270005 1 M 12:10-1:00 TRAHANOVSKY W
 M 1:10-3:00 TRAHANOVSKY W
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem331l>
 Syllabus: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

5270010 2 M 3:10-4:00 TRAHANOVSKY W
 M 4:10-6:00PM TRAHANOVSKY W
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem331l>
 Syllabus: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

5270015 3 T 12:10-1:00 TRAHANOVSKY W
 T 1:10-3:00 TRAHANOVSKY W
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem331l>
 Syllabus: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

5270020 4 T 3:10-4:00 TRAHANOVSKY W
 T 4:10-6:00PM TRAHANOVSKY W
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem331l>
 Syllabus: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

5270025 5 W 12:10-1:00 TRAHANOVSKY W
 W 1:10-3:00 TRAHANOVSKY W
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem331l>
 Syllabus: <http://avogadro.chem.iastate.edu/chem331l/syllabus.html>

ORGANIC CHEMISTRY II CHEM 332 3 CREDITS
 Prereq: 331, ENROLLMENT IN 332L HIGHLY RECOMMENDED
 Note: Available for nonmajor graduate credit
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 2517005 1 MWF 10:00-10:50 JENKS W
 MEETS: JAN 10-MAY 6
 2517010 2 TR 2:10-3:30 WINTER A
 MEETS: JAN 10-MAY 6

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
 Prereq: 331L, CREDIT OR ENROLLMENT FOR CREDIT IN 332
 Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 5272005 1 M 9:00-9:50 KINGSTON J
 M 10:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>

5272010 2 T 9:00-9:50 KINGSTON J
 T 10:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>

5272015 3 W 9:00-9:50 KINGSTON J
 W 10:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>

5272020 4 W 3:10-4:00 KINGSTON J
 W 4:10-6:00PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>

CHEMISTRY (CONTINUED)

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>
 5272025 5 R 9:00-9:50 KINGSTON J
 R 10:00-11:50 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>

5272030 6 R 12:10-1:00 KINGSTON J
 R 1:10-3:00 KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 Section info: <http://avogadro.chem.iastate.edu/chem332l/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem332l/syllabus.html>

5272035 7 R 3:40-4:30 KINGSTON J
 R 4:40-6:30PM KINGSTON J
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00

LAB ORGANIC CHEM II CHEM 334L 2 CREDITS
 Prereq: 333L, CR OR ENROLLMENT FOR CREDIT IN 332
 Note: CREDIT FOR EITHER CHEM 332L OR CHEM 334L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO AGBIO, BIOPH, BIOCH, CHEM MAJORS ONLY.
 5645005 1 MW 3:10-4:00 POHL N
 MW 4:10-6:00PM POHL N
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00
 5645010 2 MW 12:10-1:00 POHL N
 MW 1:10-3:00 POHL N
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$90.00

UNDERGRAD RESEARCH CHEM 399 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION
 Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CHEM 490 VAR. CREDITS
 Prereq: COMPLETION OF 6 CREDITS IN CHEM AT THE 300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION
 Note: NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE APPLIED TOWARD GRADUATION
 2527005 ARRANGED
 MEETS: JAN 10-MAY 6

SENIOR RESEARCH CHEM 499 2- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR WITH WHOM STUDENT PROPOSES TO WORK; B AVG IN ALL CHEMISTRY, PHYSICS, AND MATHEMATICS COURSES
 Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND CHEM 499 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

PHYSICAL INORGANIC CHEM 505 3 CREDITS
 Prereq: 402 OR 502, 324
 2532005 MWF 11:00-11:50 WOO L
 MEETS: JAN 10-MAY 6

ANALYT SPECTROSCOPY CHEM 513 3 CREDITS
 Prereq: 316, 316L, 324, 322L
 2538005 MWF 10:00-10:50 SMITH E
 MEETS: JAN 10-MAY 6

ORGANIC SYNTHESIS I CHEM 531 2 CREDITS
 Prereq: 332
 9267005 TR 10:00-10:50 POHL N
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem531/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem531/syllabus.html>

PHYS ORGANC CHEM II CHEM 538 3 CREDITS
 Prereq: 537
 2543005 MWF 11:00-11:50 ZHAO Y
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem538/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem538/syllabus.html>

SEMNAR FORENSIC SCI CHEM 540 1 CREDIT
 Prereq: 231 OR GRADUATE STATUS
 5249005 W 2:10-3:00
 MEETS: JAN 10-MAY 6

CHEMISTRY (CONTINUED)

RSRCH&PRSNLT FORENSC CHEM 542 1 CREDIT
 5259005 ARRANGED
 MEETS: JAN 10-MAY 6

SAFETY IN CHEM LAB CHEM 550 1 CREDIT
 Prereq: 332L
 Satisfactory-Fail Only.
 4295005 TR 8:00-8:50 KINGSTON J
 MEETS: JAN 10-MARCH 4
 Section info: <http://avogadro.chem.iastate.edu/chem550/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem550/syllabus.html>

ATOMIC&MOLEC Q MECH CHEM 562 3 CREDITS
 Prereq: 561, CREDIT OR ENROLLMENT IN 583
 2549005 M 12:10-2:00 GORDON M
 W 12:10-2:00
 MEETS: FEB 7-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem562/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem562/syllabus.html>

STATISTCL MECHANICS CHEM 563 3 CREDITS
 Prereq: 325
 2550005 MW 10:00-11:20 SONG X
 MEETS: JAN 10-MAY 6
 Section info: <http://avogadro.chem.iastate.edu/chem563/>
 Syllabus: <http://avogadro.chem.iastate.edu/chem563/syllabus.html>

MOLEC SPECTRO&STRUC CHEM 564 3 CREDITS
 Prereq: 505 OR 562
 2551005 MWF 11:00-11:50 HONG M
 MEETS: JAN 10-MAY 6

SOLID-STATE CHEM CHEM 571 2 CREDITS
 Prereq: 301,324
 2554005 MW 2:10-3:00 MILLER G
 MEETS: JAN 10-MAY 6

ORGANOMETALLIC CHEM CHEM 574 2 CREDITS
 Prereq: 301,332
 2557005 TR 11:00-11:50 SADOW A
 MEETS: JAN 10-MAY 6

SURFACE CHEMISTRY CHEM 576 3 CREDITS
 Prereq: 324
 2559005 MWF 1:10-2:00 THIEL P
 MEETS: JAN 10-MAY 6

MASS SPECTROMETRY CHEM 577 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2560005 TR 9:30-10:50 LEE Y
 MEETS: JAN 10-MAY 6

NONTHESIS RESEARCH CHEM 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR CONCERNED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINR INORGN CHEM CHEM 600 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2563005 W 4:10-5:30
 MEETS: JAN 10-MAY 6
 Section info: <http://www.chem.iastate.edu/seminar.php>
 Syllabus: <http://www.chem.iastate.edu/seminar.php>

SEL TOPC INORG CHEM CHEM 601 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2011
 2564005 TR 11:00-11:50 VELA-BECERRA J
 MEETS: JAN 10-MAY 6

SEMNR ANALYTIC CHEM CHEM 611 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2565005 F 2:30-4:00
 MEETS: JAN 10-MAY 6
 Section info: <http://www.chem.iastate.edu/seminar.php>
 Syllabus: <http://www.chem.iastate.edu/seminar.php>

SEMINR ORGANIC CHEM CHEM 631 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2566005 F 1:10-2:30
 MEETS: JAN 10-MAY 6
 Section info: <http://www.chem.iastate.edu/seminar.php>
 Syllabus: <http://www.chem.iastate.edu/seminar.php>

SEMNR PHYSICAL CHEM CHEM 660 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 2568005 F 4:10-5:30
 MEETS: JAN 10-MAY 6
 Section info: <http://www.chem.iastate.edu/seminar.php>
 Syllabus: <http://www.chem.iastate.edu/seminar.php>

CHEMISTRY (CONTINUED)

SPL TOP PHYSCL CHEM CHEM 667 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2011.
 2573005 TR 2:10-4:00 WINDUS T
 MEETS: JAN 10-MAY 6

RESEARCH CHEM 699 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHINESE

ELEM MANDRN CHIN II CHIN 102 5 CREDITS
 Prereq: 101
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 Meets international perspectives reqmt
 7374005 1 MTWRF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00
 7374010 2 MTWRF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INTM MAND CHINES II CHIN 202 5 CREDITS
 Prereq: 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 Meets international perspectives reqmt
 7768005 1 MTWRF 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INTRO CHINES CULTUR CHIN 272 3 CREDITS
 Note: Meets international perspectives reqmt
 8252005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

CHINESE FOR BUSINES CHIN 304 4 CREDITS
 Prereq: CHIN 202 OR EQUIVALENT
 7444005 1 TR 2:10-3:30, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INDEPENDENT STUDY CHIN 490 1- 6 CREDITS
 Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
 Note: Available for nonmajor graduate credit
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING

INTRO CIVIL ENGR PRO C E 105 1 CREDIT
 4906005 W 3:10-4:00
 MEETS: JAN 10-MAY 6

FUND OF SURVEYING I C E 111 3 CREDITS
 Prereq: 160, CR OR ENR IN ENGR 170 OR C E 170,
 MATH 165, CREDIT OR ENR IN C E 105 FOR C E MAJORS
 Note: COURSE RESTRICTED TO C E AND CON E MAJORS ONLY.
 7242005 1 MF 2:10-3:00
 T 8:00-10:50
 MEETS: JAN 10-MAY 6
 7242010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 7242015 3 MF 2:10-3:00
 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 7242020 4 MF 2:10-3:00
 R 2:10-5:00
 MEETS: JAN 10-MAY 6
 7242025 5 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 10-MAY 6

ENGR PROB CMPUT LAB C E 160 3 CREDITS
 Prereq: MATH 141, 142 OR SATISFACTORY SCORES
 ON MATH PLACEMENT EXAMS; CR OR ENRLMT IN MATH 165
 Note: COURSE RESTRICTED TO C E & CON E MAJORS ONLY.
 2911005 1 MW 10:00-11:50
 MEETS: JAN 10-MAY 6
 2911010 2 TR 3:10-5:00
 MEETS: JAN 10-MAY 6

CIVIL ENGR GRAPHICS C E 170 2 CREDITS
 Prereq: MATH 165, CREDIT OR ENROLLMENT IN C E 105
 Note: COURSE RESTRICTED TO C E & CON E MAJORS ONLY.
 3515005 1 TR 8:00-9:50
 MEETS: JAN 10-MAY 6
 3515010 2 TR 12:10-2:00
 MEETS: JAN 10-MAY 6

CIVIL ENGINEERING (CONTINUED)

ECON ANALY&TEC COMM C E 205 3 CREDITS
 Prereq: MATH 166, ENGL 250 OR ENGL 105
 4923005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUC C E 298 R CREDIT
 Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO ISSUES CIVIL E C E 305 3 CREDITS
 Prereq: 205
 4927005 TR 6:10-7:30PM
 MEETS: JAN 10-MAY 6

PROJECT MANAGMNT CE C E 306 3 CREDITS
 Prereq: 305
 4943005 MW 4:00-5:00
 R 8:00-10:50
 MEETS: JAN 10-MAY 6
 4943010 2 MW 4:00-5:00
 T 8:00-10:50
 MEETS: JAN 10-MAY 6
 4943015 3 MW 4:00-5:00
 R 8:00-10:50
 MEETS: JAN 10-MAY 6
 4943020 4 MW 4:00-5:00
 T 8:00-10:50
 MEETS: JAN 10-MAY 6

PRIN ENVIRONMT ENGR C E 326 3 CREDITS
 Prereq: CHEM 167 OR 178, MATH 166, CREDIT OR
 ENROLLMENT IN E M 378
 Note: COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES
 Available for nonmajor graduate credit
 2284005 1 MF 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 Section info: <http://www.public.iastate.edu/~tge/courses/ce326/homepage.html>
 2284010 2 MF 10:00-10:50
 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 Section info: <http://www.public.iastate.edu/~tge/courses/ce326/homepage.html>
 2284600 XE ARRANGED ELLIS T
 MEETS: JAN 10-MAY 6
 Note: Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

STRUCTURAL ANALYS I C E 332 3 CREDITS
 Prereq: E M 324
 Note: Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 2285005 1 MWF 1:10-2:00
 W 2:10-3:00
 MEETS: JAN 10-MAY 6
 2285010 2 MWF 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 2285015 3 MWF 8:00-8:50
 W 9:00-9:50
 MEETS: JAN 10-MAY 6
 2285020 4 MWF 8:00-8:50
 F 9:00-9:50
 MEETS: JAN 10-MAY 6

STRUCT STEEL DSGN I C E 333 3 CREDITS
 Prereq: 332, E M 327
 Note: Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 2286005 1 MW 8:00-8:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 2286010 2 MW 8:00-8:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6

REIN CONCRETE DSN I C E 334 3 CREDITS
 Prereq: 332, E M 327
 Note: Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 2287005 1 MWF 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 10-MAY 6
 2287010 2 MWF 1:10-2:00
 W 12:10-1:00
 MEETS: JAN 10-MAY 6

CIVIL ENGINEERING (CONTINUED)

INTRO TRANSPRT PLAN C E 350 3 CREDITS
 Prereq: 3 CR IN STAT, JR CLASSIFICATION
 Note: CREDIT IN C E 350 MAY NOT BE APPLIED TOWARD
 GRADUATION BY STUDENTS IN CIVIL ENGINEERING
 2289005 1 TR 3:40-5:00 MESCHER P
 MEETS: JAN 10-MAY 6

PRIN TRANSPORTN ENGR C E 355 2 CREDITS
 Prereq: 111, 205, PHYS 221, COURSE IN STAT FROM
 THE APPROVED DEPARTMENTAL LIST
 Note: COURSE RESTRICTED TO C E MAJORS ONLY.
 Available for nonmajor graduate credit
 2924005 1 MW 11:00-11:50 GKRTITZA K
 MEETS: JAN 10-MAY 6

GEO TECHNICAL ENGRNG C E 360 3 CREDITS
 Prereq: E M 324, CREDIT OR ENROLLMENT IN GEOL 201
 Note: COURSE RESTRICTED TO ENGINEERING COLLEGE MAJORS
 Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 2291005 1 MF 12:10-1:00
 T 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00
 2291010 2 MF 12:10-1:00
 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00
 2291015 3 MF 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00
 2291020 4 MF 12:10-1:00
 R 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00
 2291025 5 MF 12:10-1:00
 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00
 2291030 6 MF 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00

ENGR HYDROL&HYDRAUL C E 372 4 CREDITS
 Prereq: E M 378, A COURSE IN STATISTICS FROM
 THE APPROVED DEPARTMENT LIST
 Note: Available for nonmajor graduate credit
 2293005 1 MWF 9:00-9:50
 T 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 2293010 2 MWF 9:00-9:50
 R 4:10-6:00PM
 MEETS: JAN 10-MAY 6

DESIGN OF CONCRETES C E 382 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 360
 Note: Available for nonmajor graduate credit
 2294005 1 MF 2:10-3:00
 T 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00
 2294010 2 MF 2:10-3:00
 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00
 2294015 3 MF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00
 2294020 4 MF 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00

DSGN PORTLAND CEMNT C E 383 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 360.
 FOR CON E STUDENTS ONLY.
 9480005 1 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00
 9480010 2 R 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00-\$40.00

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

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

CIVIL ENGINEERING (CONTINUED)

CIVIL ENGINEERING (CONTINUED)

PROG&OUTCOME ASSESS C E 403 R CREDIT
 Prereq: VERIFICATION OF UNDERGRAD APPLICATION FOR GRADUATION BY THE END OF THE FIRST WEEK OF CLASS, INSTR PERMISSION FOR STUDENTS GRADUATING SUMMER.
 Note: COURSE RESTRICTED TO STUDENTS GRADUATING SPRING 2010.
 Satisfactory-Fail Only.
 7351005 1 M 5:10-6:00PM
 MEETS: MARCH 7-MAY 6

LAND SURVEYING C E 417 3 CREDITS
 Prereq: 111
 Note: Available for nonmajor graduate credit
 7565005 1 TF 12:10-1:00
 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee

WASTEWTR TREATM DSN C E 428 3 CREDITS
 Prereq: 326
 6106005 1 MWF 8:00-8:50
 ARRANGED
 MEETS: JAN 10-MAY 6

BUILDING DESIGN C E 447 3 CREDITS
 Prereq: 333, 334
 Note: Available for nonmajor graduate credit
 7568005 1 MW 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee

HIGHWAY DESIGN C E 453 4 CREDITS
 Prereq: 306, 355, 372, 382
 Note: Available for nonmajor graduate credit
 2302005 1 MWF 9:00-9:50 STOUT T
 R 2:10-4:00 STOUT T
 MEETS: JAN 10-MAY 6
 2302010 2 MWF 9:00-9:50 STOUT T
 R 4:10-6:00PM STOUT T
 MEETS: JAN 10-MAY 6

FOUNDATION ENGINEER C E 460 3 CREDITS
 Prereq: 360
 Note: Available for nonmajor graduate credit
 2303005 1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

PAVEMENT ANALYS&DSGN C E 483 3 CREDITS
 Prereq: 382, 360
 Note: Available for nonmajor graduate credit
 7748005 ARRANGED
 MEETS: JAN 10-MAY 6

CIVIL ENGR DESIGN I C E 485 2 CREDITS
 Prereq: 306, 326, 333 OR 334, 355, SP CM 212
 Note: COURSE RESTRICTED TO SENIORS GRADUATING FALL '11
 2131005 1 M 12:10-1:00
 T 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 2131010 2 M 12:10-1:00
 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

CIVIL ENG DESIGN II C E 486 3 CREDITS
 Prereq: 326, 333 OR 334, 382; CREDIT OR ENROLLMENT IN 428 OR 453, AND 485
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING 2010.
 9481005 1 M 11:00-11:50 STOUT T
 R 11:00-2:00
 MEETS: JAN 10-MAY 6
 9481010 2 M 11:00-11:50 STOUT T
 F 11:00-2:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY C E 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C E 490H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN THE HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

DESIGN CONSTRUC SYS C E 505 3 CREDITS
 Prereq: 334, 360, CON E 322 AND 340
 1947005 1 M 5:10-8:00PM
 MEETS: JAN 10-MAY 6

CONSTR:INFO TECHNOL C E 510 3 CREDITS
 Prereq: CON E 421, ENGR 160 OR C E 160 OR EQUIV
 8712005 1 ARRANGED
 MEETS: JAN 10-MAY 6

RAILROAD ENGINEERIN C E 515X 3 CREDITS
 Prereq: 355
 2502005 ARRANGED
 MEETS: JAN 10-MAY 6

WTR POLL CNTRL PROC C E 522 3 CREDITS
 Prereq: 521
 2320005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 2320600 XE ARRANGED SUNG S
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 9-10:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus Course delivery is Videostreaming Delivery fee \$570.00 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc> Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

PHY-CHEM TREAT PROC C E 523 3 CREDITS
 Prereq: 520
 2321005 1 ARRANGED
 MEETS: JAN 10-MAY 6

AIR POLLUT AIR QUAL C E 524A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR IN STAT; SENIOR OR ABOVE CLASSIFICATION
 8097005 1 ARRANGED
 MEETS: JAN 10-MAY 6

HAZARDOUS WASTE MGT C E 529 3 CREDITS
 Prereq: 326
 8956005 ARRANGED
 MEETS: JAN 10-MAY 6

STRUCT STEEL DSN II C E 533 3 CREDITS
 Prereq: 333
 2331005 1 ARRANGED
 MEETS: JAN 10-MAY 6

PRESTRESS CONCR STR C E 535 3 CREDITS
 Prereq: 334
 2328005 1 ARRANGED
 MEETS: JAN 10-MAY 6

MASON & TIMBER DSN C E 536 3 CREDITS
 Prereq: 334
 8421005 ARRANGED
 MEETS: JAN 10-MAY 6

STRUC ANLY FIN ELEM C E 542 3 CREDITS
 Prereq: 532
 2324005 1 MW 11:00-1:00
 MEETS: JAN 10-MAY 6
 2324600 XE ARRANGED FANOUS F
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MW 10-11:15 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME. Section XE is off campus Course delivery is Videostreaming Delivery fee \$570.00 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc> Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

PLATE &SLAB STRUCTU C E 547 3 CREDITS
 Prereq: 334, E M 514, MATH 266
 2332005 1 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TRAFFIC OPERATN C E 555 3 CREDITS
 Prereq: 553
 2169005 1 ARRANGED
 MEETS: JAN 10-MAY 6

FUND SOIL MECHANICS C E 560 3 CREDITS
 Prereq: 360
 2340005 1 ARRANGED
 MEETS: JAN 10-MAY 6

NUM MTHD&GEOTCH DSN C E 564 3 CREDITS
 Prereq: 560
 2342005 1 ARRANGED
 MEETS: JAN 10-MAY 6

FUND GEOMATLS BEHAV C E 565 3 CREDITS
 Prereq: 382
 2351005 1 ARRANGED
 MEETS: JAN 10-MAY 6

CIVIL ENGINEERING (CONTINUED)

SURFC WTR HYDROLOGY C E 571 3 CREDITS
 Prereq: 372
 2343005 1 ARRANGED
 MEETS: JAN 10-MAY 6

2343600 XE ARRANGED GU R
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MW 3:10-4:30 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: http://www.ede.iastate.edu /online-spring-courses-2011/view-all-produc
 Cmpt reqmt: http://www.ede.iastate.edu/support /computer-requirements/hardware.htm

ENVIRONMENTAL FLOWS C E 576 3 CREDITS
 Prereq: E M 378 OR EQUIVALENT
 5109005 ARRANGED
 MEETS: JAN 10-MAY 6

GEOTECH&MAT ENG SEM C E 581 R CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 2655005 1 ARRANGED
 MEETS: JAN 10-MAY 6

PAVEMENT ANALYS&DSGN C E 583 3 CREDITS
 Prereq: 382, 360
 Note: Available for nonmajor graduate credit
 7772005 ARRANGED
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS C E 590 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENVIR ENGR C E 591 R CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 1658005 1 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Cmpt reqmt: http://www.ede.iastate.edu/support /computer-requirements/hardware.htm

SPL TOP PROJ CNTRLS C E 594E 1 CREDIT
 Prereq: CON E 322, CON E 340 OR C E 306, AND PERMISSION OF INSTRUCTOR
 2970600 XE ARRANGED JAHREN C
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE R 5:10-8 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$190.00
 Section info: http://www.ede.iastate.edu /online-spring-courses-2011/view-all-produc
 Cmpt reqmt: http://www.ede.iastate.edu/support /computer-requirements/hardware.htm

SPL TOP CPR&PRJ CTL C E 594F 1 CREDIT
 Prereq: CON E 322, CON E 340 OR C E 306, AND PERMISSION OF INSTRUCTOR
 2979005 1 R 5:10-8:00PM
 MEETS: JAN 10-MAY 6

2979600 XE ARRANGED JAHREN C
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE R 5:10-8 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$190.00
 Section info: http://www.ede.iastate.edu /online-spring-courses-2011/view-all-produc
 Cmpt reqmt: http://www.ede.iastate.edu/support /computer-requirements/hardware.htm

SPL TOP DSN BLD CON C E 594M 1- 3 CREDITS
 Prereq: CON E 322, CON E 340 OR C E 306, AND PERMISSION OF INSTRUCTOR
 2198005 1 T 5:10-8:00PM
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT C E 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS C E 690 1- 3 CREDITS
 Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP C E 697 R CREDIT
 Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF
 Note: Department permission required.
 Satisfactory-Fail Only.
 7416005 1 ARRANGED
 MEETS: JAN 10-MAY 6

CIVIL ENGINEERING (CONTINUED)

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

CLASSICAL STUDIES

THE ANCIENT CITY CL ST 275 3 CREDITS
 Note: Meets international perspectives reqmt
 4315005 1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

RHETO ISSU IN CONTX CL ST 350 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 2176005 A1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 2176010 A2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

WLD LIT:ANCT-RENAIS CL ST 353 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 Note: Meets international perspectives reqmt
 2585005 A1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 2585010 A2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM

GREEK&ROM TRAG&CMDY CL ST 372 3 CREDITS
 Prereq: 273 OR 275 OR ONE COURSE IN LATIN OR GREEK OR ENGL 250
 Note: Meets international perspectives reqmt
 2587005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

WMN ANC ROMAN WORLD CL ST 374B 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR GREEK
 Note: Meets international perspectives reqmt
 2338005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

GREEK & ROMAN ART CL ST 383 3 CREDITS
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 3976005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

GREEK & ROMAN ART CL ST 383H 3- 4 CREDITS
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 7334005 MWF 12:10-1:00
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

INTR ARCHAEOLOG GREEC CL ST 394 2 CREDITS
 Note: Meets international perspectives reqmt
 5095005 MW 3:10-4:00
 MEETS: JAN 10-MAY 6

GREEK CIVILIZATION CL ST 402 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH AND ABOVE
 Instructor permission required 1st week.
 2589005 TR 9:30-10:50PM HOLLANDER D
 MEETS: JAN 10-MAY 6

FND WST POL THOUGHT CL ST 430 3 CREDITS
 Prereq: 6 CR IN POL S, PHIL, OR EUROPEAN HISTORY
 Note: Available for nonmajor graduate credit
 3858005 TR 9:30-10:50 TUCKNESS A
 MEETS: JAN 10-MAY 6

SEMINAR CLASSICL ST CL ST 480 3 CREDITS
 Prereq: 30 CREDITS IN CL ST OR RELATED COURSES, PERMISSION OF PROGRAM CHAIR
 Note: TOPIC: CLASSICAL ARCHAEOLOGY: THE ROMAN EMPIRE
 2662005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY CL ST 490 1- 6 CREDITS
 Prereq: 7 CR IN CL ST AT 200 LEVEL OR HIGHER; PERMISSION OF THE PROGRAM CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNICATION DISORDERS

INTRO COMM DISORDER CMDIS 275 3 CREDITS
 2611005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

PHONETICS&PHONOLOGY CMDIS 371 3 CREDITS
 Prereq: 275 OR ENGL 219
 2610005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CREDITS
 7918005 1 MWF 11:00-11:50 BLANKENSHIP K
 MEETS: JAN 10-MAY 6

INTRO INTERPRS COMM COMST 102 3 CREDITS
 Note: SEC 1A,2A RESTRICTED TO COMST MAJORS ONLY.
 SEC 1B,2B FOR MAJORS OTHER THAN COMS.
 8105005 1A TR 9:30-10:50 HARMS J
 MEETS: JAN 10-MAY 6

8105010 1B TR 9:30-10:50 HARMS J
 MEETS: JAN 10-MAY 6

8105015 2A TR 8:00-9:20 HARMS J
 MEETS: JAN 10-MAY 6

8105020 2B TR 8:00-9:20 HARMS J
 MEETS: JAN 10-MAY 6

INTRO COM RSRCH MTD COMST 203 3 CREDITS
 Note: COURSE RESTRICTED TO COMST MAJORS.
 5123005 1 TR 2:10-3:30 SWEET D
 MEETS: JAN 10-MAY 6

5123010 2 TR 12:40-2:00 SWEET D
 MEETS: JAN 10-MAY 6

PROFESSIONAL COMMUNIC COMST 214 3 CREDITS
 9183005 1 TR 9:30-10:50 HARMS J
 MEETS: JAN 10-MAY 6

HUMAN COMMUNIC THRY COMST 301 3 CREDITS
 Prereq: 101
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6593005 1 MWF 2:10-3:00 TYE-WILLIAMS S
 MEETS: JAN 10-MAY 6

INTERCULTURAL COMM COMST 310 3 CREDITS
 Prereq: 101 OR 102, 203, 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 Meets international perspectives reqmt
 7934005 1 TR 3:40-5:00 JENKS T
 MEETS: JAN 10-MAY 6

RELATIONAL COMMUNIC COMST 311 3 CREDITS
 Prereq: 102, 203, 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY.
 6428005 1 TR 12:40-2:00 REDMOND M
 MEETS: JAN 10-MAY 6

ORGANIZATIONAL COMM COMST 314 3 CREDITS
 Prereq: 101 OR 102, 203, 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6431005 1 MWF 9:00-9:50 TYE-WILLIAMS S
 MEETS: JAN 10-MAY 6

SMALL GROUP COMM COMST 317 3 CREDITS
 Prereq: 101 OR 102, 203, 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 6433005 1 MWF 11:00-11:50 TYE-WILLIAMS S
 MEETS: JAN 10-MAY 6

GENDER & COMMUNICTN COMST 323 3 CREDITS
 Prereq: SP CM 212
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3339005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

3339010 B TR 2:10-3:30
 MEETS: JAN 10-MAY 6

NONVERBAL COMMUNIC COMST 325 3 CREDITS
 Prereq: 101 OR 102, 203, 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 3920005 1 TR 9:30-10:50 SWEET D
 MEETS: JAN 10-MAY 6

SEM COMM THRY&RESCH COMST 404A 3 CREDITS
 Prereq: 301 PLUS 9 ADDITIONAL CREDITS OF 300
 LEVEL COMST COURSES
 Note: COURSE RESTRICTED TO COMST SENIORS AND ABOVE
 2298005 1 TR 8:00-9:20 JENKS T
 MEETS: JAN 10-MAY 6

2298010 2 TR 11:00-12:20 VRCHOTA D
 MEETS: JAN 10-MAY 6

COMMUNICATION STUDIES

(CONTINUED)

INDEPENDENT STUDY COMST 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONAL INTERNSHP COMST 499 1- 3 CREDITS
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM COMM THRY&RSRCH COMST 504A 3 CREDITS
 Prereq: GRADUATE STANDING, INSTRUCTOR PERMISSION
 4421005 1 TR 8:00-9:20 JENKS T
 MEETS: JAN 10-MAY 6

4421010 2 TR 11:00-12:20 VRCHOTA D
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS COMST 590 1- 4 CREDITS
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

FORCES SHAP METRO E C R P 270 3 CREDITS
 Prereq: MUST BE TAKEN PRIOR TO COMPLETING 9
 CREDITS IN C R P
 Note: Meets U.S. diversity reqmt
 2382005 A MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

PLANNING TECHNIQ II C R P 274 3 CREDITS
 Prereq: 272
 9482005 A TR 12:40-1:30
 T 8:00-9:20
 MEETS: JAN 10-MAY 6

9482010 B TR 12:40-1:30
 R 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$0.00-\$10.00

URBAN FORM C R P 320 3 CREDITS
 Prereq: 253 OR 270, OR PERMISSION OF INSTRUCTOR
 8073005 MW 5:10-6:30PM
 MEETS: JAN 10-MAY 6

PRACTICUM C R P 330 1- 3 CREDITS
 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 Satisfactory-Fail Only.
 2386005 ARRANGED
 MEETS: JAN 10-MAY 6

COMMUN PLAN STUDIO I C R P 332 4 CREDITS
 Prereq: 253, 274
 2399005 MWF 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$100.00

PLAN PROCESS THEORY C R P 383 3 CREDITS
 Prereq: 253, JUNIOR STATUS
 2388005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

FIELD TRAVEL C R P 391 1- 2 CREDITS
 Prereq: C R P MAJOR, PERMISSION OF ADVISER
 Note: COURSE OFFERED FOR 1 CREDITS SPRING 2011.
 Satisfactory-Fail Only.
 2402005 R 12:40-1:30
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$200.00-\$1,000.00

PRO WORK EXPERIENCE C R P 410 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 2710005 ARRANGED
 MEETS: JAN 10-MAY 6

URBAN REVITALIZATN C R P 417 3 CREDITS
 Prereq: 253 OR 270
 7569005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

INTERNATNL PLANNING C R P 429 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 2988005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

CMUNTY PLAN STDO II C R P 432 4 CREDITS
 Prereq: 332, 383
 2391005 A TR 2:10-5:20
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$100.00

COMMUNITY & REGIONAL PLANNING (CONTINUED)

SITE DEVELOPMENT C R P 442 3 CREDITS
 Prereq: 253, 272
 8760005 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$100.00

INTRO GEOG INFO SYS C R P 451 3 CREDITS
 9410005 A MW 9:00-9:50
 W 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$10.00
 9410010 B MW 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$10.00

GEOG DATA MGT&ANALY C R P 452 3 CREDITS
 Prereq: 451 OR EQUIVALENT
 5205005 MW 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$10.00

SUSTAINABLE COMMUNT C R P 484 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 7041005 TR 6:00-7:20PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$100.00

INDEPENDENT STUDY C R P 490 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C R P 490H 1- 3 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN C R P 491 3 CREDITS
 Prereq: 6 CREDITS IN NATURAL SCIENCES
 2396005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

SR PLANNING SEMINAR C R P 494 1- 3 CREDITS
 Prereq: SR CLASSIF, CREDIT OR ENROLLMENT IN 332
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 2403005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$20.00

PORTFOLIO DEV&RVIEW C R P 498 1 CREDIT
 Prereq: TAKE DURING FINAL SEM OF PLANNING PROGRAM
 2418005 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$0.00-\$50.00

PRO WORK EXPERIENCE C R P 510 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

URBAN REVITALIZATN C R P 517 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7839005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

ECON ANALY PBLC PLN C R P 523 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Instructor permission required 1st week.
 9491005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$20.00

INTERNATNL PLANNING C R P 529 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2404005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00
 Section info: <http://www.public.iastate.edu/%7efowusu/courses.html>

PRACTICUM C R P 530 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION IN C R P
 Satisfactory-Fail Only.
 2405005 ARRANGED
 MEETS: JAN 10-MAY 6

COMMUNITY & REGIONAL PLANNING (CONTINUED)

SITE DEVELOPMENT C R P 542 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 8759005 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$100.00

INTRO GEOG INFO SYS C R P 551 3 CREDITS
 1985005 A MW 9:00-9:50
 W 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$10.00
 1985010 B MW 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC B RESTRICTED TO C R P MAJORS ONLY
 Materials, field trips &/or travel fee \$0.00-\$10.00

GEOG DATA MGT &PLAN C R P 552 3 CREDITS
 Prereq: 551 OR INSTRUCTOR PERMISSION
 5209005 MW 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$10.00

ANALYTICAL PLAN/GIS C R P 553 3 CREDITS
 Prereq: 451/551
 8184005 MW 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$50.00

SUSTAINBLE COMMUNIT C R P 584 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7043005 TR 6:00-7:20PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$100.00

SPL TP PLAN LAW,ADM C R P 590A 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECON DEVEL C R P 590B 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC URBAN DSGN C R P 590C 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HOUS&URB RV C R P 590D 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC INT'L PLAN C R P 590N 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SPATL AN MTH C R P 590O 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP SM TOWN PLAN C R P 590P 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING (CONTINUED)

SPECIAL TOPICS GIS C R P 590R 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN C R P 591 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2426005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

SEMINAR GIS APP/RES C R P 595 1 CREDIT
 Prereq: 9 CREDITS IN GIS CERTIFICATE PROGRAM
 Satisfactory-Fail Only.
 5571005 M 12:10-1:00
 MEETS: JAN 10-MAY 6

PRO PLANNING REPORT C R P 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CREDITS
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY DEVELOPMENT (CONTINUED)

ORIENT CMUNTY DEVEL C DEV 520 1 CREDIT
 8539600 XF ARRANGED EMERY M
 MEETS: JAN 10-APRIL 4
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

8539605 XH ARRANGED EMERY M
 MEETS: JAN 10-APRIL 4
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

EVALUAT ORG&PROGRAM C DEV 528X 3 CREDITS
 Prereq: GRADE OF C OR BETTER IN 504
 9190600 XF ARRANGED EMERY M
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

9190605 XH ARRANGED EMERY M
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

9190610 XW ARRANGED EMERY M
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

COMMUNITY DEVELOPMENT

CMUNT&NAT RESRC MGT C DEV 502 3 CREDITS
 8469600 XF ARRANGED FLORA C
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Instructor permission required.
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

8469605 XH ARRANGED FLORA C
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

8469610 XW ARRANGED FLORA C
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

CMUNT ANALYS:METHDS C DEV 504 3 CREDITS
 8588600 XG ARRANGED
 MEETS: JAN 12-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

CMUNT® ECON ANLY C DEV 506 3 CREDITS
 8608600 XG ARRANGED
 MEETS: JAN 10-MAY 7
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

INDIAN CTRY AG RSRC C DEV 510 3 CREDITS
 6251600 XG ARRANGED
 MEETS: JAN 12-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

SPL TOP CMUNTY DVLPT C DEV 590X 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9073600 XF ARRANGED EMERY M
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XF is off campus
 Course delivery is Independent study
 Tuition Category: GPIDEA Consortium

9073605 XL ARRANGED PAXSON L
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XL is off campus
 Course delivery is Independent study
 Tuition Category: GPIDEA Consortium

CREATIVE COMPONENT C DEV 599 VAR. CREDITS
 2349600 XF ARRANGED FLORA C
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is Independent study
 Tuition Category: GPIDEA Consortium

COMPLEX ADAPTIVE SYSTEMS

CMPLX ADAPTV SY SEM CAS 502 1 CREDIT
 Prereq: ADMISSION TO CAS MINOR
 2996005 T 10:00-10:50
 MEETS: JAN 10-MAY 6

CPX ADAPTV SY TECHQ CAS 503 3 CREDITS
 Prereq: ADMISSION TO CAS MINOR OR RELATED FIELD
 2998005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

COMPUTER ENGINEERING

COMPUTER ENGINEERING

(CONTINUED)

INTR CMPTR SECURITY CPR E 131X 1 CREDIT
 Satisfactory-Fail Only.
 3482005 A MW 11:00-11:50
 MEETS: JAN 10-MARCH 4
 3482010 B MW 11:00-11:50
 MEETS: MARCH 7-MAY 6

PRO PROG ORIENTATN CPR E 166 R CREDIT
 Note: COURSE RESTRICTED TO E E & CPR E MAJORS ONLY.
 DISCUSSIONS WILL MEET EVERY OTHER WEEK.
 2292005 A T 12:40-2:00
 MEETS: JAN 10-MAY 6
 2292010 B T 12:40-2:00
 MEETS: JAN 10-MAY 6
 2292015 C T 3:10-4:30
 MEETS: JAN 10-MAY 6
 2292020 D T 3:10-4:30
 MEETS: JAN 10-MAY 6

INTRO PROBLM SOLV I CPR E 185 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 141
 Note: COURSE RESTRICTED TO CPR E, ENGR, E E AND
 S E MAJORS ONLY.
 3878005 A MW 9:00-9:50
 R 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 3878010 B MW 9:00-9:50
 F 12:10-2:00
 MEETS: JAN 10-MAY 6
 3878015 C MW 9:00-9:50
 T 4:10-6:00PM
 MEETS: JAN 10-MAY 6

INTR PROBLM SOLV II CPR E 186 1 CREDIT
 Prereq: 185
 6238005 A W 10:00-11:50
 MEETS: JAN 10-MAY 6
 6238010 B W 12:10-2:00
 MEETS: JAN 10-MAY 6
 6238015 C W 2:10-4:00
 MEETS: JAN 10-MAY 6

TRANSFER ORIENTATIO CPR E 261X R CREDIT
 Satisfactory-Fail Only.
 9198005 T 11:00-11:50
 MEETS: JAN 10-MAY 6

DIG LOGC,PROCSR,P I CPR E 281 4 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 7321005 A MWF 9:00-9:50
 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 7321010 B MWF 9:00-9:50
 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 7321015 C MWF 9:00-9:50
 R 4:10-7:00PM
 MEETS: JAN 10-MAY 6
 7321020 D MWF 9:00-9:50
 F 12:10-3:00
 MEETS: JAN 10-MAY 6
 7321025 E MWF 9:00-9:50
 M 12:10-3:00
 MEETS: JAN 10-MAY 6
 7321030 F MWF 9:00-9:50
 M 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 7321035 G MWF 9:00-9:50
 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6

EMBEDDE SYS I:INTRO CPR E 288 4 CREDITS
 Prereq: 281, COM S 207 OR 227
 3364005 A TR 9:30-10:50
 T 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 3364010 B TR 9:30-10:50
 T 6:10-8:00PM
 MEETS: JAN 10-MAY 6
 3364015 C TR 9:30-10:50
 F 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 3364020 D TR 9:30-10:50
 F 12:10-2:00
 MEETS: JAN 10-MAY 6
 3364025 E TR 9:30-10:50
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 3364030 F TR 9:30-10:50
 W 12:10-2:00
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN CPR E 298 R CREDIT
 Prereq: PERMSSN OF DEPRTMNT AND ENGINEERNG CAREER
 SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERAT SYS:PRIN&PRA CPR E 308 4 CREDITS
 Prereq: 381, 310
 Note: Available for nonmajor graduate credit
 2036005 A MWF 9:00-9:50
 T 11:00-1:50
 MEETS: JAN 10-MAY 6
 2036010 B MWF 9:00-9:50
 W 10:00-12:50
 MEETS: JAN 10-MAY 6
 2036015 C MWF 9:00-9:50
 R 11:00-1:50
 MEETS: JAN 10-MAY 6

THEORET FOUND CPR E CPR E 310 3 CREDITS
 Prereq: CREDIT OR ENRLMT IN CPR E 288, COM S 228
 9240005 A TR 8:00-9:20
 MEETS: JAN 10-MAY 6

SFTWR ARCHITC&DSIGN CPR E 339 3 CREDITS
 Prereq: S E 319
 Note: Available for nonmajor graduate credit
 6834005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

TOYING WITH TECHNOL CPR E 370 3 CREDITS
 Prereq: C I 201, NOT IN ENGINEERING MAJOR
 5941005 A TR 1:10-3:00
 MEETS: JAN 10-MAY 6

CPTR ORG &ASMB PROG CPR E 381 4 CREDITS
 Prereq: 281
 6769005 A MWF 9:00-9:50
 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 6769010 B MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 6769015 C MWF 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 10-MAY 6

ENGINEER INTERNSHIP CPR E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CPR E 398 R CREDIT
 Prereq: 298, PERMSSN OF DEPARTMNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

HI PERFRMN COMP&APP CPR E 425 3 CREDITS
 Prereq: COM S 311, 330, ENGL 250 OR ENGL 105,
 SP CM 212
 Note: Available for nonmajor graduate credit
 7539005 TR 9:30-10:50
 T 2:10-3:00
 MEETS: JAN 10-MAY 6

INTR PARALLEL ALG&P CPR E 426 4 CREDITS
 Prereq: 308 OR COM S 321, COM S 311
 Note: Available for nonmajor graduate credit
 1152005 TR 4:10-5:30, ARRANGED
 MEETS: JAN 10-MAY 6

INFO SYSTM SECURITY CPR E 431 3 CREDITS
 Prereq: CREDIT OR ENR IN CPR E 489 OR COM S 454
 Note: Available for nonmajor graduate credit
 8650005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

ANLOG VLSI CIRC DSN CPR E 435 4 CREDITS
 Prereq: 330, E E 332, E E 324, AND EITHER E E 322
 OR STAT 330
 Note: Available for nonmajor graduate credit
 2330005 A MWF 10:00-10:50
 W 11:00-2:00
 MEETS: JAN 10-MAY 6
 2330010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 2330015 C MWF 10:00-10:50
 F 11:00-2:00
 MEETS: JAN 10-MAY 6

DISTRB SYS&MIDDLWRE CPR E 450 3 CREDITS
 Prereq: 308 OR COM S 352
 Note: Available for nonmajor graduate credit
 8512005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

COMPUTER ENGINEERING (CONTINUED)

COMPUTER ENGINEERING (CONTINUED)

MULTIDISC ENGR DSGN CPR E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN 2 SEMESTERS OF GRADUATION OR PERMISSION OF INSTRUCTOR
 1899005 A T 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

MLTDISC ENGR DSN II CPR E 467X 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF GRADUATION OR RECEIVE PERMISSION OF INSTRUCTOR
 9034005 R 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

EMBEDDED SYS DESIGN CPR E 488 4 CREDITS
 Prereq: 381 OR COM S 321
 Note: Available for nonmajor graduate credit
 8156005 A TR 12:40-2:00
 W 9:00-11:50
 MEETS: JAN 10-MAY 6

8156010 B TR 12:40-2:00
 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6

8156015 C TR 12:40-2:00
 R 4:10-7:00PM
 MEETS: JAN 10-MAY 6

CPTR NTRWK&DATA COM CPR E 489 4 CREDITS
 Prereq: 381 OR E E 324
 Note: Available for nonmajor graduate credit
 2771005 A TR 11:00-12:20
 T 4:10-6:00PM
 MEETS: JAN 10-MAY 6

2771010 B TR 11:00-12:20
 W 1:10-3:00
 MEETS: JAN 10-MAY 6

2771015 C TR 11:00-12:20
 F 1:10-3:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY CPR E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY CPR E 490H VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO CPR E 491 3 CREDITS
 Prereq: 308 OR E E 322, COMPLETION OF 24 CREDITS IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR AND ABOVE
 Instructor permission required 1st week.
 2765005 T 2:10-4:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$55.00

SR DESIGN PROJCT II CPR E 492 2 CREDITS
 Prereq: 491
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR AND ABOVE
 1659005 R 2:10-3:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$55.00

PORTFOLIO ASSESSMNT CPR E 494 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 491
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR AND ABOVE
 2279005 A W 2:10-3:00
 MEETS: JAN 10-MAY 6

2279010 B W 1:10-2:00
 MEETS: JAN 10-MAY 6

2279015 C R 3:10-4:00
 MEETS: JAN 10-MAY 6

2279020 D R 4:10-5:00
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN CPR E 498 R CREDIT
 Prereq: 398, PERMSSN OF DEPARTMNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

DATA CONVR CIRCUITS CPR E 505 4 CREDITS
 Prereq: 501
 3301005 A TR 11:00-12:20
 ARRANGED
 MEETS: JAN 10-MAY 6

DSN CMOS PHS-L LOOP CPR E 506X 4 CREDITS
 Prereq: E E 435, E E 501, INSTRUCTOR APPROVAL
 9161005 A MWF 2:10-3:00
 T 1:10-4:00
 MEETS: JAN 10-MAY 6

9161010 B MWF 2:10-3:00
 T 4:10-7:00PM
 MEETS: JAN 10-MAY 6

9161015 C MWF 2:10-3:00
 F 8:00-10:50
 MEETS: JAN 10-MAY 6

VLSI COMMUNIC CIRCT CPR E 507 4 CREDITS
 Prereq: 330 OR 501
 7990005 MWF 2:10-3:00
 ARRANGED
 MEETS: JAN 10-MAY 6

NUM ANALY HI-P COMP CPR E 525 3 CREDITS
 Prereq: 308, OR ONE OF MATH 471,481; EXPERIENCE IN SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
 1368005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INTR PARALLEL ALG&P CPR E 526 4 CREDITS
 Prereq: 308 OR COM S 321, COM S 311
 7540005 TR 4:10-5:30, ARRANGED
 MEETS: JAN 10-MAY 6

PROBLSTC MTHD CPR E CPR E 528 3 CREDITS
 Prereq: COM S 311
 8172005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

INFORMATION WARFARE CPR E 532 3 CREDITS
 Prereq: 531
 2989005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

CRYPTOGRAPHY CPR E 533 3 CREDITS
 Prereq: MATH 301 OR CPR E 310 OR COM S 330
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 6193005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

INFO ASSUR LEGAL&ET CPR E 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, 531
 Note: RESTRICTED TO E CPE, COM S, INFAS, LOMIS SCIS GRAD STUDENTS ONLY
 2620005 A W 6:10-9:00PM
 MEETS: JAN 10-MAY 6

2620600 XW ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00

STEGANOGRPH&WTRMARK CPR E 535 3 CREDITS
 Prereq: 533 OR CPR E 531 OR E E 524
 8510005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

WIRELESS NTKW SECUR CPR E 537 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 489 OR 530
 6961005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

FAULT-TOLERANT SYST CPR E 545 3 CREDITS
 Prereq: 381
 1079005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

WIRELESS SENSOR NET CPR E 546 3 CREDITS
 Prereq: 489 OR 530
 8653001 B TR 9:30-10:50
 MEETS: JAN 10-MAY 6

DISTRB SYS&MIDDLWRE CPR E 550 3 CREDITS
 Prereq: 308 OR COM S 352
 8515005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

SCALABLE SFTWR ENGR CPR E 556 3 CREDITS
 Prereq: COM S 309
 1134005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

PHYS DSIGN VLSI SYS CPR E 566 3 CREDITS
 Prereq: 465
 9270005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

COMP FUNC GENOM&BIO CPR E 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208 OR 228, GEN 411, STAT 430
 3471005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

COMPUTER ENGINEERING (CONTINUED)

CPR SYS PERFORMANCE CPR E 582 3 CREDITS
 Prereq: 381, 310 AND STAT 330
 2779005 MW 4:10-5:30
 MEETS: JAN 10-MAY 6

MDL&TCHNQ EMBED SYS CPR E 584X 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN 588 REQUIRED
 4367005 A T 5:10-8:00PM
 MEETS: JAN 10-MAY 6

EMBEDDED CMPTR SYST CPR E 588 3 CREDITS
 Prereq: 308
 Note: RESTRICTED TO E CPE, COM S, GRAD STUDENTS ONLY
 2783005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS CPR E 590 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CMPUTR ENGR CPR E 592 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO E CPE, E E, COM S, AND INFAS
 GRAD STUDENTS
 3546005 AS ARRANGED
 MEETS: JAN 10-MAY 6
 Cmptr reqmt: <http://www.ede.iastate.edu/support/help-central.html>

3546010 SK ARRANGED
 MEETS: JAN 10-MAY 6

3546015 YG ARRANGED
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT CPR E 599 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PARALL ALGORITHM&SCI CPR E 626 3 CREDITS
 Prereq: 526
 1135005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

INFO ASSUR CAPSTONE CPR E 632 3 CREDITS
 Prereq: 531, 532, 534
 8104005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOP CMPTR ARCH CPR E 681 3 CREDITS
 Prereq: 581
 2453005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

ENGINEERG INTERNSHP CPR E 697 R CREDIT
 Prereq: PERMISSION OF DEPT CHAIR AND ENGINEERING
 CAREER SERVICES, GRADUATE CLASSIFICATION
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF
 STUDENT SERVICES.
 Satisfactory-Fail Only.
 7420005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

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

COMPUTER SCIENCE

ORIENTATION COM S 101 R CREDIT
 Satisfactory-Fail Only.
 2672005 T 12:40-2:00
 MEETS: JAN 10-MARCH 4
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

COMPUTER APPLICATNS COM S 103 4 CREDITS
 Note: ALL SECTIONS MUST ATTEND LAB FIRST WEEK OF THE
 SEMESTER FOR ORIENTATION IN 0109 PEARSON.
 FOR MORE INFORMATION PLEASE GO TO THE COMPUTER
 WEBSITE.

2673005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 1
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 11,
 10:00-10:50 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673010 2 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 2
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 11,
 12:10-1:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673015 3 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 3
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 11,
 3:10-4:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

COMPUTER SCIENCE (CONTINUED)

COMPUTER APPLICATNS COM S 103 4 CREDITS
 2673020 4 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 4
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 11,
 5:10-6:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673025 5 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 5
 IS REQUIRED. IT WILL BE HELD MONDAY, JANUARY 11,
 6:00-6:50 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673030 6 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 6
 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 12,
 9:00-9:50 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673035 7 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 7
 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 12,
 12:10-1:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673040 8 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 8
 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 12,
 3:10-4:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673045 9 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 9
 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 12,
 5:10-6:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673605 XV ARRANGED CHANG S
 MEETS: JAN 10-MAY 6
 Note: Section XV is off campus
 Course delivery is WWW
 Delivery fee \$200.00

2673600 XW ARRANGED CHANG S
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$200.00

2673050 10 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 10
 IS REQUIRED. IT WILL BE HELD TUESDAY, JANUARY 12,
 6:10-7:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673055 11 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 11
 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 13,
 9:00-9:50 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673060 12 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 12
 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 13,
 12:10-1:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673065 13 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 13
 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 13,
 2:10-3:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673070 14 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 14
 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 13,
 5:10-6:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

2673075 15 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 15
 IS REQUIRED. IT WILL BE HELD WEDNESDAY, JANUARY 13,
 6:10-7:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>

COMPUTER SCIENCE (CONTINUED)

COMPUTER APPLICATNS COM S 103 4 CREDITS
 /index.html
 2673080 16 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 16 IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 14, 10:00-10:50 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>
 2673085 17 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 17 IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 14, 12:10-1:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>
 2673090 18 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 18 IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 14, 3:10-4:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>
 2673095 19 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 19 IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 14, 5:10-6:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>
 2673100 20 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 20 IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 14, 6:10-7:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>
 2673105 21 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 21 IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 15, 10:00-10:50 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>
 2673110 22 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 22 IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 15, 12:10-1:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>
 2673115 23 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 23 IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 15, 2:10-3:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>
 2673120 24 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 24 IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 15, 5:10-6:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>
 2673125 25 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 25 IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 15, 6:10-7:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs103page/index.html>
 INTRO TO COMPUTERS COM S 104 2 CREDITS
 2995005 1 MW 4:10-5:00
 F 4:10-5:00
 R 4:10-6:00PM
 MEETS: JAN 10-MARCH 4
 2995010 2 MW 4:10-5:00
 F 4:10-5:00
 F 10:00-11:50
 MEETS: JAN 10-MARCH 4
 2995015 3 MW 4:10-5:00
 F 4:10-5:00
 R 4:10-6:00PM
 MEETS: MARCH 7-MAY 6
 2995020 4 MW 4:10-5:00
 F 4:10-5:00
 R 8:00-9:50
 MEETS: MARCH 7-MAY 6
 2995025 5 MW 4:10-5:00
 F 4:10-5:00
 F 10:00-11:50
 MEETS: MARCH 7-MAY 6

COMPUTER SCIENCE (CONTINUED)

INTRO TO COMPUTERS COM S 104 2 CREDITS
 2995030 6 MW 4:10-5:00
 F 4:10-5:00
 F 2:10-4:00
 MEETS: MARCH 7-MAY 6
 APP COMPUTER PROGRM COM S 107 3 CREDITS
 2674005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs107>
 2674600 XW ARRANGED CHANG S
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00
 APPLD CMPTR PROG II COM S 108X 3 CREDITS
 Prereq: 107 OR EQUIVALENT
 9025005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 COBOL PROGRAMMING COM S 201 3 CREDITS
 Prereq: 107 OR 207 OR 227
 Note: ALL SECTIONS MUST ATTEND LAB FIRST WEEK OF THE SEMESTER FOR ORIENTATION IN 0109 PEARSON.
 FOR MORE INFORMATION PLEASE GO TO THE COMPUTER SCIENCE WEBSITE.
 2675005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 1 IS REQUIRED. IT WILL BE HELD THURSDAY, JANUARY 14, 2:10-3:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs201>
 2675010 2 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: ATTENDANCE AT THE ORIENTATION SESSION FOR SEC 2 IS REQUIRED. IT WILL BE HELD FRIDAY, JANUARY 15, 4:10-5:00 IN 0109 PEARSON HALL.
 Course delivery is WWW
 Section info: <http://www.cs.iastate.edu/~cs201/>
 2675600 XW ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00
 CAREERS IN COM SCI COM S 203 R CREDIT
 Note: COURSE RESTRICTED TO P CS, COM S MAJORS ONLY
 Satisfactory-Fail Only.
 2682005 R 12:40-2:00
 MEETS: JAN 10-MARCH 4
 PROGRAMMING I COM S 207 3 CREDITS
 Prereq: MATH 150 OR PLACEMENT INTO MATH 140/141/142 OR HIGHER
 Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 9235005 1 MWF 12:10-1:00
 W 3:10-4:00
 MEETS: JAN 10-MAY 6
 9235010 2 MWF 12:10-1:00
 W 4:10-5:00
 MEETS: JAN 10-MAY 6
 9235015 3 MWF 12:10-1:00
 W 2:10-3:00
 MEETS: JAN 10-MAY 6
 9235020 4 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 10-MAY 6
 CNCPTL INTR COM SCI COM S 211X 3 CREDITS
 Prereq: 2 YRS H.S. ALGEBRA AND 1 YR H.S. GEOMETRY
 9024001 TR 2:10-3:00
 MEETS: JAN 10-MAY 6
 INTR OBJT ORIEN PRG COM S 227 4 CREDITS
 Note: CREDIT FOR EITHER COM S 227 OR COM S 207, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2-PART COURSE. REGISTER FOR LETTERED SECTION FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 9237100 A MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 9237105 B MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 9237005 1 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 9237010 2 T 12:10-2:00
 MEETS: JAN 10-MAY 6
 9237015 3 W 8:00-9:50
 MEETS: JAN 10-MAY 6
 9237020 4 T 2:10-4:00
 MEETS: JAN 10-MAY 6
 9237025 5 R 12:10-2:00
 MEETS: JAN 10-MAY 6
 9237030 6 W 2:10-4:00
 MEETS: JAN 10-MAY 6

COMPUTER SCIENCE

(CONTINUED)

INTR OBJT ORIEN PRG COM S 227 4 CREDITS
 9237035 7 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 9237040 8 M 2:10-4:00
 MEETS: JAN 10-MAY 6
 9237045 9 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 9237050 10 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 9237055 11 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 9237060 12 M 12:10-2:00
 MEETS: JAN 10-MAY 6

INTRO DATA STRUCTUR COM S 228 3 CREDITS
 Prereq: C- OR BETTER IN 227, CREDIT OR ENROLLMENT
 IN MATH 165
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to
 http://www.iastate.edu/~registrar/exams/nitexam.html.
 9238100 A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 9238005 1 R 10:00-10:50
 MEETS: JAN 10-MAY 6
 9238010 2 R 2:10-3:00
 MEETS: JAN 10-MAY 6
 9238015 3 R 1:10-2:00
 MEETS: JAN 10-MAY 6
 9238020 4 R 4:10-5:00
 MEETS: JAN 10-MAY 6

ADV PROGRAMMG TCHNQ COM S 229 3 CREDITS
 Prereq: 228, CREDIT OR ENROLLMENT IN MATH 166
 2454005 1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY COM S 290 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2680005 ARRANGED
 MEETS: JAN 10-MAY 6

INDEP STUDY HONORS COM S 290H VAR. CREDITS
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2681005 ARRANGED
 MEETS: JAN 10-MAY 6

SOFTWR DEV PRACTCES COM S 309 3 CREDITS
 Prereq: 228 WITH C- OR BETTER, 229 OR CPR E 211,
 ENGL 250 OR ENGL 105
 Note: Available for nonmajor graduate credit
 4438005 1 TR 9:30-10:50
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 4438010 2 TR 9:30-10:50
 T 1:10-2:00
 MEETS: JAN 10-MAY 6

DSN&ANALYSIS ALGRTH COM S 311 3 CREDITS
 Prereq: 228 WITH C- OR BETTER, MATH 166,
 ENGL 250 OR ENGL 105, AND COM S 330 OR CPR E 310
 Note: CREDIT FOR EITHER COM S 311 OR COM S 381, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Available for nonmajor graduate credit
 2683100 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 2683005 1 T 10:00-10:50
 MEETS: JAN 10-MAY 6

INTR CPTR ARCH&MACH COM S 321 3 CREDITS
 Prereq: 228, CPR E 210, AND ENGL 250 OR ENGL 105
 Note: Available for nonmajor graduate credit
 2684005 1 MWF 10:00-10:50
 R 12:10-1:00
 MEETS: JAN 10-MAY 6
 2684010 2 MWF 10:00-10:50
 T 1:10-2:00
 MEETS: JAN 10-MAY 6

DISCRETE CMP STRUCT COM S 330 3 CREDITS
 Prereq: 228, MATH 166, AND ENGL 250 OR ENGL 105
 Note: Available for nonmajor graduate credit
 2685005 1 MWF 1:10-2:00
 R 10:00-10:50
 MEETS: JAN 10-MAY 6
 2685010 2 MWF 1:10-2:00
 R 2:10-3:00
 MEETS: JAN 10-MAY 6

COMPUTER SCIENCE

(CONTINUED)

THEORY OF COMPUTING COM S 331 3 CREDITS
 Prereq: 228, 330 OR CPR E 310, MATH 166,
 ENGL 250 OR ENGL 105
 Note: Available for nonmajor graduate credit
 2686005 1 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 10-MAY 6
 2686010 2 MWF 9:00-9:50
 T 1:10-2:00
 MEETS: JAN 10-MAY 6

PRIN Progr LANGUAGS COM S 342 3 CREDITS
 Prereq: 321; 330 OR CPR E 310; EITHER 309, 362
 OR 363; ENGL 250 OR ENGL 105
 Note: Available for nonmajor graduate credit
 2687005 1 TR 2:10-3:30
 W 9:00-9:50
 MEETS: JAN 10-MAY 6
 2687015 2 TR 2:10-3:30
 W 4:10-5:00
 MEETS: JAN 10-MAY 6

NUMBER THEORY COM S 350 3 CREDITS
 Prereq: MATH 166
 Note: Available for nonmajor graduate credit
 5790005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

INTRO OPERATING SYS COM S 352 3 CREDITS
 Prereq: 321, 229, ENGL 250 OR ENGL 105
 Note: Available for nonmajor graduate credit
 2688005 1 MWF 2:10-3:00
 R 1:10-2:00
 MEETS: JAN 10-MAY 6

OBJECT-ORIEN ANALY&D COM S 362 3 CREDITS
 Prereq: 228 WITH C- OR BETTER, ENGL 250 OR
 ENGL 105
 Note: Available for nonmajor graduate credit
 2622005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN COM S 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 2691005 ARRANGED
 MEETS: JAN 10-MAY 6

GERONTEC SMART HOME COM S 415X 3 CREDITS
 Prereq: 227 OR 207 OR GERON 377
 Note: Available for nonmajor graduate credit
 9324005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

SOFTWARE TESTING COM S 417 3 CREDITS
 Prereq: 309, 319, ENGL 250 OR ENGL 105, SP CM 212
 Note: Available for nonmajor graduate credit
 2712005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

INTR CMPPTNL GEOMTRY COM S 418 3 CREDITS
 Prereq: 311 OR INSTRUCTOR PERMISSION
 Note: Available for nonmajor graduate credit
 5952005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

HI PERFRMN COMP&APP COM S 425 3 CREDITS
 Prereq: 311, 330, ENGL 250 OR ENGL 105, SP CM 212
 Note: Available for nonmajor graduate credit
 2249005 TR 9:30-10:50
 T 2:10-3:00
 MEETS: JAN 10-MAY 6

INTR PARALLEL ALG&P COM S 426 4 CREDITS
 Prereq: CPR E 308 OR COM S 321, COM S 311
 Note: Available for nonmajor graduate credit
 1150005 TR 4:10-5:30, ARRANGED
 MEETS: JAN 10-MAY 6

MODL NANO SLF-ASSMB COM S 433 3 CREDITS
 Prereq: 331 OR CONSENT OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 8228005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

FUND CMPTR NETWRKNG COM S 486 3 CREDITS
 Prereq: 352
 Note: Available for nonmajor graduate credit
 5060010 2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY COM S 490 VAR. CREDITS
 Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMPUTER SCIENCE (CONTINUED)

COMPUTER SCIENCE (CONTINUED)

INDEP STUDY HONORS COM S 490H VAR. CREDITS
 Prereq: 6 CREDITS IN COM S, PERMISSION OF INSTRUCTOR, MEMBERSHIP IN HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CMPLX ADAPTV SY SEM COM S 502 1 CREDIT
 Prereq: ADMISSION TO CAS MINOR
 2643005 T 10:00-10:50
 MEETS: JAN 10-MAY 6

CPX ADAPTV SY TECHQ COM S 503 3 CREDITS
 Prereq: ADMISSION TO CAS MINOR OR RELATED FIELD
 2654005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

MTH SOFTWARE ENGINRG COM S 512 3 CREDITS
 Prereq: 311, 330
 2707005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

INTR CMPTNL GEOMETRY COM S 518 3 CREDITS
 Prereq: 311 OR PERMISSION OF INSTRUCTOR
 5866005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

NUM ANALY HI-P COMP COM S 525 3 CREDITS
 Prereq: CPR E 308, OR ONE OF MATH 471, 481; EXPERIENCE IN SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
 2049005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INTR PARALLEL ALG&P COM S 526 4 CREDITS
 Prereq: CPR E 308 OR COM S 321, COM S 311
 3006005 TR 4:10-5:30, ARRANGED
 MEETS: JAN 10-MAY 6

THEORY OF COMPUTATN COM S 531 3 CREDITS
 Prereq: 331
 2709005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

MODL NANO SLF-ASSMB COM S 533 3 CREDITS
 Prereq: 331 OR CONSENT OF INSTRUCTOR
 8241005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

PRIN OPERAT SYSTEMS COM S 552 3 CREDITS
 Prereq: 352
 2713005 ARRANGED
 MEETS: JAN 10-MAY 6

ANLY ALG STOCH MODL COM S 556 3 CREDITS
 Prereq: 331, MATH 307, AND STAT 330
 3877005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

IMPLEM DATABASE SYS COM S 562 3 CREDITS
 Prereq: 461 OR 561
 7907005 TR 11:00-12:30
 MEETS: JAN 10-MAY 6

ADV GENOME INFORMTC COM S 568 3 CREDITS
 Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430, CREDIT OR ENROLLMENT IN GEN 411
 3310005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

COMP FUNC GENOM&BIO COM S 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208 OR 228, GEN 411, STAT 430
 3313005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

MACHINE LEARNING COM S 573 3 CREDITS
 Prereq: 311, 362, STAT 330
 2660005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS COM S 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COLLOQUIA COM S 592 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8406005 R 3:40-5:00
 MEETS: JAN 10-MAY 6

GRADUATE INTERNSHIP COM S 598 R CREDIT
 Prereq: GRADUATE CLASSIFICATION
 5627005 ARRANGED
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT COM S 599 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COM S 610 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ANLYS ALGOR COM S 611 3 CREDITS
 Prereq: 511, 531
 8204005 ARRANGED
 MEETS: JAN 10-MAY 6

DISTRIBUTD ALGORITHM COM S 612 3 CREDITS
 Prereq: 511 OR 531
 2252005 ARRANGED
 MEETS: JAN 10-MAY 6

PARALL ALGORITHM&SCI COM S 626 3 CREDITS
 Prereq: CPR E 526
 8130005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

THEORY GAMES,UNCERT COM S 634 3 CREDITS
 Prereq: 330
 8149005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOP LANG SMANTC COM S 641 3 CREDITS
 Prereq: 531, 541
 2725005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOP COMPTR ARCH COM S 681 3 CREDITS
 Prereq: 581
 Note: COURSE RESTRICTED TO COM S MAJORS ONLY
 7901005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

RESEARCH COM S 699 VAR. CREDITS
 Prereq: APPROVAL OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

DEV LEARNRS&LEADERS CON E 114 2 CREDITS
 9200005 1 W 9:00-10:50
 MEETS: JAN 10-MAY 6
 9200010 2 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

ORIENT TO PRO LIFE CON E 122 1 CREDIT
 5269005 1 R 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED TO FRESHMAN ONLY
 5269010 2 R 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: SEC 2 RESTRICTED TO TRANSFER STUDENTS

CONTRACTR ORG & MGT CON E 221 4 CREDITS
 Prereq: COMPLETION OF BASIC PROGRAM
 2736005 1 MTWR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED TO CON E MAJORS ONLY
 Materials fee
 2736010 2 MTWR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC 2 FOR MAJORS OTHER THAN CON E
 Materials fee

CONSTR MATLS&METHDS CON E 241 3 CREDITS
 Prereq: 221
 Note: COURSE RESTRICTED TO CON E MAJORS ONLY
 2730005 1 MW 12:10-1:00
 R 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

MECH/ELEC MTRLS&MTH CON E 251 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 241
 2377005 1 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

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

CONSTRUCTION ENGINEERING (CONTINUED)

CRIMINAL JUSTICE STUDIES

CON EQUIP&HVY C MTH CON E 322 3 CREDITS
 Prereq: 241
 Note: Available for nonmajor graduate credit
 2737005 1 MW 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 10-MAY 6

CONCRET&STEEL CONST CON E 340 3 CREDITS
 Prereq: E M 324, CREDIT OR ENROLLMT IN CON E 322
 Note: Available for nonmajor graduate credit
 2741005 1 TR 4:10-6:00PM
 R 4:10-7:00PM
 MEETS: JAN 10-MAY 6

MECHAN SYS IN BLDGS CON E 352 3 CREDITS
 Prereq: 251, PHYS 222
 5313005 MW 1:10-2:00
 R 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee

ELECTR SYS IN BLDGS CON E 353 2 CREDITS
 Prereq: PHYS 222 AND CREDIT OR ENROLLMENT IN
 CON E 352
 5317005 MW 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee

ENGINEERING LAW CON E 380 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 5102005 1A MW 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO CON E MAJORS ONLY
 5102010 1B MW 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: SEC 1B FOR MAJORS OTHER THAN CON E

ENGR INTERNSHIP CON E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

CONSTRUC ESTIMATING CON E 421 3 CREDITS
 Prereq: 241, JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 2734005 1 MW 3:10-4:00
 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

CON PLAN,SCHED,CNTL CON E 441 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 421
 Note: Available for nonmajor graduate credit
 2742005 1 MW 2:10-3:00
 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

CONSTRUC E DESIGN I CON E 487 2 CREDITS
 Prereq: 340 (B,H), 352 (B,E,M), 353 (B,E,M),
 421, 441. STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATING
 7639005 1 M 12:10-1:00
 T 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 7639010 2 M 12:10-1:00
 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

CON ENGR DESIGN II CON E 488 3 CREDITS
 Prereq: 380. CONCURRENT ENROLLMENT IN 487.
 7524005 1 M 9:00-9:50
 MWF 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

INDEPENDENT STUDY CON E 490 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CON E 498 R CREDIT
 Prereq: 398, PERMISSION OF DEPT AND ENGINEERING
 CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AMER JUDICIAL PROC CJ ST 320 3 CREDITS
 Prereq: POL S 215
 2577005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 2577010 B TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN POL S.

PHILOSOPHY OF LAW CJ ST 332 3 CREDITS
 Prereq: PHIL 201 OR 230
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 2578005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

DEVIANT &CRIM BEHAV CJ ST 340 3 CREDITS
 Prereq: SOC 130 OR 134
 2579005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

CRIMINOLOGY CJ ST 341 3 CREDITS
 Prereq: SOC 130 OR 134
 3175005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

POLICE AND SOCIETY CJ ST 351 3 CREDITS
 Prereq: 240 OR 241
 7751005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

PNISH,CORRECTN&SOCIE CJ ST 352 3 CREDITS
 Prereq: 240 OR 241
 7762005 A TR 3:40-5:00
 MEETS: JAN 10-MAY 6

WHITE-COLLAR CRIME CJ ST 402 3 CREDITS
 Prereq: 240 OR 241
 8482005 A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

CRIMINAL OFFENDERS CJ ST 403 3 CREDITS
 Prereq: 240 OR 241
 3805005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

CRIM &JUV JUST PRAC CJ ST 460 3-12 CREDITS
 Prereq: JR OR SR CLASSIFICATION; PERMISSION
 OF CJ ST COORDINATOR; MAJOR OR MINOR IN SOC,
 OR CJ ST MINOR
 Satisfactory-Fail Only.
 2581005 ARRANGED
 MEETS: JAN 10-MAY 6

CURRICULUM & INSTRUCTION

DIGITAL LEARN PK-6 C I 201 3 CREDITS
 3015005 1 TR 11:00-11:50
 M 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SECT 1 RESTRICTED TO EL ED MAJORS ONLY
 Materials and equipment use fee \$20.00
 3015010 2 TR 11:00-11:50
 M 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SECT 2 RESTRICTED TO EL ED MAJORS ONLY
 Materials and equipment use fee \$20.00
 3015015 3 TR 11:00-11:50
 T 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SECT 3 RESTRICTED TO EL ED MAJORS ONLY
 Materials and equipment use fee \$20.00
 3015020 4 TR 11:00-11:50
 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SECT 4 RESTRICTED TO EL ED MAJORS ONLY
 Materials and equipment use fee \$20.00
 3015025 5 TR 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SECT 5 RESTRICTED TO ECE MAJORS ONLY
 Materials and equipment use fee \$20.00
 3015030 6 TR 11:00-11:50
 R 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SECT 6 RESTRICTED TO EL ED MAJORS ONLY
 Materials and equipment use fee \$20.00

DIGITAL LEARN 7-12 C I 202 3 CREDITS
 Note: COURSE RESTRICTED TO SECED MAJORS ONLY
 2464005 1 TR 2:10-3:00
 M 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$20.00
 2464010 2 TR 2:10-3:00
 M 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$20.00
 2464015 3 TR 2:10-3:00
 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$20.00

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

DIGITAL LEARN 7-12 C I 202 3 CREDITS
 2464020 4 TR 2:10-3:00
 T 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$20.00

EXPLOR MATH&SC TCHG C I 203X 1 CREDIT
 Satisfactory-Fail Only.
 2442005 R 4:10-5:00
 MEETS: JAN 10-MAY 6

SOC FOUND AMER EDUC C I 204 3 CREDITS
 6278005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 6278010 2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 6278015 3 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 6278020 4 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 6278025 5 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

ERLY CHLDHD ED ORIE C I 208 1 CREDIT
 Satisfactory-Fail Only.
 4389005 W 3:10-4:00
 MEETS: JAN 10-MAY 6

STRATEGIES IN TCHNG C I 245 2 CREDITS
 Prereq: 204; HD FS 220 OR 221 OR 226 (OR
 CONCURRENT ENROLLMENT IN ONE OF THESE COURSES);
 CONCURRENT ENROLLMENT IN C I 268; ELIGIBILITY
 FOR ADMISSION TO TEACHER EDUCATION PROGRAM
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY
 3238005 1 W 3:10-5:00
 MEETS: JAN 10-MAY 6

STRATEGIES PRACTICM C I 268 1 CREDIT
 Prereq: 204
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 3240005 1 F 8:00-9:50
 MEETS: JAN 10-MAY 6
 3240010 2 F 10:00-11:50
 MEETS: JAN 10-MAY 6
 3240015 3 F 1:10-3:00
 MEETS: JAN 10-MAY 6
 3240020 4 F 3:10-5:00
 MEETS: JAN 10-MAY 6

EXPRNC TEACHER AIDE C I 280A 1- 2 CREDITS
 Prereq: 280A MAY BE TAKEN ALONE
 Note: STUDENTS MUST RESERVE ONE MORNING OR
 ONE AFTERNOON PER WEEK PER CREDIT FOR SITE VISIT.
 Satisfactory-Fail Only.
 6279005 1 W 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$8.00-\$16.00
 6279010 2 F 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$8.00-\$16.00
 6279015 3 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 3 STUDENT MUST HAVE PREVIOUSLY COMPLETED A
 C I 280A
 Materials and professional support fee \$8.00-\$16.00

EXP EDUCTNL CMPUTNG C I 280B 1- 2 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN 280A,
 TWO CREDITS BY PERMISSION ONLY
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 6280005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$8.00-\$16.00

EXP TUTOR NATIVE AM C I 280C 1 CREDIT
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN 280A
 Note: College permission required 1st week.
 Satisfactory-Fail Only.
 6281005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$8.00

EXP MUSEUM EDUCATN C I 280D 1 CREDIT
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN 280A
 Satisfactory-Fail Only.
 6282005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required 1st week.
 Materials and professional support fee \$8.00

EXP INTERNL STDNT C I 280F 1- 2 CREDITS
 Prereq: CREDIT OR CONCURRENT ENROLLMENT IN 280A,
 PERMISSION OF INSTRUCTOR REQUIRED
 Satisfactory-Fail Only.
 6284005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required 1st week.
 Materials and professional support fee \$8.00-\$16.00

EARLY FIELD EXPERNC C I 280L .5 CREDIT
 Note: MUST RESERVE ONE MORNING OR ONE AFTERNOON
 PER WEEK FOR SITE VISITS.
 Satisfactory-Fail Only.
 2843005 1 T 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

EXP SECONDRY SCIENC C I 280M 1- 2 CREDITS
 Note: CLASSROOM MEETING DATES JAN 11-FEB 17
 Satisfactory-Fail Only.
 8266005 MW 8:00-9:30, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$8.00-\$16.00

COHORT FIELD EXPERC C I 280N 1 CREDIT
 Prereq: PERMISSION OF DEPARTMENT REQUIRED
 Satisfactory-Fail Only.
 7710005 1 W 2:10-3:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$8.00-\$16.00

PRIN&PRC DIGTL LRNG C I 302 3 CREDITS
 Prereq: 201 OR 202, 245, 268
 6289005 1 M 6:10-9:00PM
 MEETS: JAN 10-MAY 6

TRANSFR ORIENTATION C I 315 1 CREDIT
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 3250005 1 T 8:00-8:50
 MEETS: JAN 10-MAY 6
 3250010 2 W 3:10-4:00
 MEETS: JAN 10-MAY 6

ED PSYCH YNG LEARNR C I 332 3 CREDITS
 Prereq: PSYCH 230 OR HD FS 102, OPEN ONLY TO
 MAJORS IN EARLY CHILDHOOD EDUCATION OR ELEMENTARY ED
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY.
 2635005 MW 5:10-6:30PM
 MEETS: JAN 10-MAY 6

EDUCATIONAL PSYCHOL C I 333 3 CREDITS
 Prereq: PSYCH 230 OR HD FS 102, APPLICATION
 TO THE TEACHER EDUC PROGRAM OR MAJOR IN PSYCHOLOGY
 Note: COURSE RESTRICTED TO PSYCH, SEC ED MAJORS
 6084005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

RDG&LANG ARTS K-3RD C I 377 4 CREDITS
 Prereq: C I 245, SP ED 250, HD FS 240, HD FS 226
 (EL ED MAJORS) OR 221 (ECE MAJORS); CONCURRENT ENR IN
 448, 468A, 468C (EL ED) OR 438, 468F, 468G, SP ED
 368, HD FS 343 (ECE), ADMISSION TO TEACHER ED PROGRAM
 Note: FOR ECE MAJORS, THE CONCURRENT ENROLLMENT
 REQUIREMENTS ARE SP ED 368, C I 468F, C I 438,
 C I 468G. EL ED MAJORS MUST REGISTER FOR THE
 SAME SECTION NUMBER OF 448, 468A, 468B. RESTRICTED
 TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE
 UNIVERSITY TEACHER EDUCATION PROGRAM.
 2066005 1 MW 8:00-10:30
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS MARCH 21-APRIL 15.
 RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO
 TEACHER EDUCATION
 2066010 2 MW 11:00-1:30
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS MARCH 21-APRIL 15.
 RESTRICTED TO EL ED STUDENTS FULLY ACCEPTED INTO
 TEACHER EDUCATION.
 2066015 3 MW 2:10-4:40
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS MARCH 21-APRIL 15.
 RESTRICTED TO ECE STUDENTS FULLY ACCEPTED INTO
 TEACHER EDUCATION.

RDG&LANG ARTS 4TH-6 C I 378 4 CREDITS
 Prereq: 377; CONCURRENT ENRLMNT IN 449,468B,468D
 Note: MUST ENROLL IN SAME SECTION NUMBER OF 449.
 Department permission required 1st week.
 2078005 1 TR 8:00-10:30
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 14-MARCH 11
 2078010 2 TR 11:00-1:30
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 14-MARCH 11
 2078015 3 TR 1:10-3:40
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 14-MARCH 11
 2078020 4 TR 8:30-11:00
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 14-MARCH 11

INTRO MLTCULTRL FND C I 406 3 CREDITS
 Prereq: 201 OR 202, 332 OR 333, JUNIOR
 CLASSIFICATION, ADMISSION TO TEACHER EDUC PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Meets U.S. diversity reqmt
 6292005 1 MW 9:00-10:20
 MEETS: JAN 10-MAY 6
 6292010 2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 6292015 3 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

CURRICULUM & INSTRUCTION (CONTINUED)

INTRO MLTLCULTRL FND C I 406 3 CREDITS
6292020 4 TR 3:40-5:00
MEETS: JAN 10-MAY 6

STUDNT TCHG PRIMARY C I 416A VAR. CREDITS
Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
449; RESERVATION REQUIRED
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Department permission required 1st week.

5054005 1A ARRANGED
MEETS: JAN 10-MARCH 4
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
THE FIRST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

5054015 1R ARRANGED
MEETS: JAN 10-MARCH 4
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
THE FIRST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

5054010 2A ARRANGED
MEETS: MARCH 7-MAY 6
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

5054020 2R ARRANGED
MEETS: MARCH 7-MAY 6
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

STDT TCHG INTMEDIAT C I 416B VAR. CREDITS
Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
449; RESERVATION REQUIRED
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Department permission required 1st week.

5056005 1A ARRANGED
MEETS: JAN 10-MARCH 4
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
THE FIRST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

5056015 1R ARRANGED
MEETS: JAN 10-MARCH 4
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
THE FIRST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

5056010 2A ARRANGED
MEETS: MARCH 7-MAY 6
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

5056020 2R ARRANGED
MEETS: MARCH 7-MAY 6
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

STDT TCHG WRLD LANG C I 416C VAR. CREDITS
Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
449; RESERVATION REQUIRED
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

5057005 1A ARRANGED
MEETS: JAN 10-MARCH 4
Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
THE FIRST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$328.00

5057015 1R ARRANGED
MEETS: JAN 10-MARCH 4
Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
THE FIRST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$328.00

5057010 2A ARRANGED
MEETS: MARCH 7-MAY 6
Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$328.00

5057020 2R ARRANGED
MEETS: MARCH 7-MAY 6
Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
THE LAST 8 WEEKS OF THE SEMESTER.
Professional support, field trips &/or
travel fee \$20.50-\$328.00

CURRICULUM & INSTRUCTION (CONTINUED)

STDT TCHG INT'L K-3 C I 416D VAR. CREDITS
Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
449; RESERVATION REQUIRED

5053005 ARRANGED
MEETS: MARCH 7-MAY 6

5053800 CZ ARRANGED ABELSON A
MEETS: MARCH 9-MAY 5
Note: SECT CZ TAUGHT IN FRYDEK-MISTEK, CZECH REPUBLIC.
STUDENT TEACHING ABROAD SPRING 2011
Study Abroad Administrative Fee Applies

5053805 IT ARRANGED FOEGEN A
MEETS: MARCH 9-MAY 5
Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT
TEACHING ABROAD SPRING 2011.
Study Abroad Administrative Fee Applies

5053820 NO ARRANGED MUNSEN S
MEETS: MARCH 9-MAY 5
Note: SECT NO TAUGHT IN ROSENDAL, NORWAY.
STUDENT TEACHING ABROAD SPRING 2011.
Study Abroad Administrative Fee Applies

5053810 NZ ARRANGED PIERCE A
MEETS: MARCH 9-MAY 5
Note: SECT NZ TAUGHT IN DUNEDIN, NEW ZEALAND.
STUDENT TEACHING ABROAD SPRING 2011
Study Abroad Administrative Fee Applies

STDT TCHG INT'L 4-6 C I 416E VAR. CREDITS
Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
EDUCATION; SENIOR CLASSIFICATION; 378, 443, 448,
449; RESERVATION REQUIRED

6824005 ARRANGED
MEETS: MARCH 7-MAY 6

6824800 CZ ARRANGED ABELSON A
MEETS: MARCH 9-MAY 5
Note: SECT CZ TAUGHT IN FRYDEK-MISTEK, CZECH REPUBLIC.
STUDENT TEACHING ABROAD SPRING 2011
Study Abroad Administrative Fee Applies

6824805 IT ARRANGED FOEGEN A
MEETS: MARCH 9-MAY 5
Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT
TEACHING ABROAD SPRING 2011.
Study Abroad Administrative Fee Applies

6824820 NO ARRANGED MUNSEN S
MEETS: MARCH 9-MAY 5
Note: SECT NO TAUGHT IN ROSENDAL, NORWAY.
STUDENT TEACHING ABROAD SPRING 2011.
Study Abroad Administrative Fee Applies

6824810 NZ ARRANGED PIERCE A
MEETS: MARCH 9-MAY 5
Note: SECT NZ TAUGHT IN DUNEDIN, NEW ZEALAND.
STUDENT TEACHING ABROAD SPRING 2011
Study Abroad Administrative Fee Applies

6824825 PR ARRANGED LEIGH P
MEETS: MARCH 9-MAY 5
Note: SECT PR TAUGHT IN PONCE, PUERTO RICO.
STUDENT TEACHING ABROAD SUMMER 2011
Study Abroad Administrative Fee Applies

STDT TCH SOC ST MID C I 417A VAR. CREDITS
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

8046005 1 ARRANGED
MEETS: JAN 10-MARCH 4
Note: SEC 1 OFFERED FOR 8 CREDITS SPRING 2011.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

8046010 2 ARRANGED
MEETS: MARCH 7-MAY 6
Note: SEC 2 OFFERED FOR 8 CREDITS SPRING 2011.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

STUDNT TCH PHYS SCI C I 417B VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9044005 1 ARRANGED
MEETS: JAN 10-MARCH 4
Note: SEC 1 OFFERED FOR 8 CREDITS SPRING 2011.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

9044010 2 ARRANGED
MEETS: MARCH 7-MAY 6
Note: SEC 2 OFFERED FOR 8 CREDITS SPRING 2011.
Professional support, field trips &/or
travel fee \$20.50-\$928.00

STUDNT TEACHNG MATH C I 417C VAR. CREDITS
Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9045005 1 ARRANGED
MEETS: JAN 10-MAY 6
Note: SEC 1 OFFERED FOR 14 CREDITS
Professional support, field trips &/or
travel fee \$20.50-\$328.00

9045010 2 ARRANGED
MEETS: JAN 24-MAY 6
Note: SEC 2 OFFERED FOR 14 CREDITS
Professional support, field trips &/or
travel fee \$20.50-\$328.00

9045015 3 ARRANGED
MEETS: JAN 10-MAY 6

CURRICULUM & INSTRUCTION (CONTINUED)

STUDNT TEACHNG MATH C I 417C VAR. CREDITS
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

STUDNT TCH BIOL SCI C I 417D VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 9046005 1 ARRANGED
 MEETS: JAN 10-APRIL 22
 Note: SEC 1 OFFERED FOR 14 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9046010 2 ARRANGED
 MEETS: JAN 24-MAY 6
 Note: SEC 2 OFFERED FOR 14 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9046015 3 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

STUDNT TCH ENGL&LIT C I 417E VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9047005 1 ARRANGED
 MEETS: JAN 10-APRIL 22
 Note: SEC 1 OFFERED FOR 14 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9047010 2 ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: SEC 2 OFFERED FOR 8 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9047015 3 ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9047020 4 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 4 OFFERED FOR 16 CREDITS
 Instructor permission required.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

STDT TCH WORLD LANG C I 417G VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9049005 1 ARRANGED
 MEETS: JAN 10-APRIL 22
 Note: SEC 1 OFFERED FOR 14 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9049010 2 ARRANGED
 MEETS: JAN 24-MAY 6
 Note: SEC 2 OFFERED FOR 14 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9049015 3 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

STUDNT TCH EARTH SC C I 417J VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

9051005 1 ARRANGED
 MEETS: JAN 10-APRIL 22
 Note: SEC 1 OFFERED FOR 14 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9051010 2 ARRANGED
 MEETS: JAN 24-MAY 6
 Note: SEC 2 OFFERED FOR 14 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9051015 3 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

CURRICULUM & INSTRUCTION (CONTINUED)

STUDENT TCH SEC MUS C I 417K VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 8 CREDITS.
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9052005 1 ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9052010 2 ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$328.00

STUDNT TCH ELEM MUS C I 417L VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 8 CREDITS.
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM

9053005 1 ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9053010 2 ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$328.00

STNT TCH BASIC SCI C I 417M VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

9054005 1 ARRANGED
 MEETS: JAN 10-APRIL 22
 Note: SEC 1 OFFERED FOR 14 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9054010 2 ARRANGED
 MEETS: JAN 24-MAY 6
 Note: SEC 2 OFFERED FOR 14 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

9054015 3 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

STUDENT TCHNG INT'L C I 417N VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 8 CREDITS.

7301800 CZ ARRANGED ABELSON A
 MEETS: MARCH 9-MAY 5
 Note: SECT CZ TAUGHT IN FRYDEK-MISTEK, CZECH REPUBLIC.
 STUDENT TEACHING ABROAD SPRING 2011
 Study Abroad Administrative Fee Applies

7301805 IT ARRANGED FOEGEN A
 MEETS: MARCH 9-MAY 5
 Note: SECT IT TAUGHT IN ROME, ITALY. STUDENT
 TEACHING ABROAD SPRING 2011.
 Study Abroad Administrative Fee Applies

7301820 NO ARRANGED MUNSEN S
 MEETS: MARCH 9-MAY 5
 Note: SECT NO TAUGHT IN ROSENDAL, NORWAY.
 STUDENT TEACHING ABROAD SPRING 2011.
 Study Abroad Administrative Fee Applies

7301810 NZ ARRANGED PIERCE A
 MEETS: MARCH 9-MAY 5
 Note: SECT NZ TAUGHT IN DUNEDIN, NEW ZEALAND.
 STUDENT TEACHING ABROAD SPRING 2011
 Study Abroad Administrative Fee Applies

STDT TCH SOC STU HS C I 417P VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING

8612005 1 ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: SEC 1 OFFERED FOR 8 CREDITS SPRING 2011
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

8612010 2 ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: SEC 2 OFFERED FOR 8 CREDITS SPRING 2010
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

SECNDY SCI METHD II C I 419 2 CREDITS
 Prereq: 347,280M,418; CONCURRENT ENROLLMT IN 468K

9019005 M 5:10-8:00PM
 MEETS: JAN 10-MAY 6
 Note: CONCURRENT ENROLLMENT IN 468K REQUIRED.

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

PRINCIPALS SECNDY ED C I 426 3 CREDITS
 Prereq: 202, SR CLASSIFICATION, ADMISSION TO
 TEACHER EDUCATION PROGRAM
 Note: MUST TAKE CONCURRENTLY WITH 415
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 6293005 1 W 5:30-8:20PM
 MEETS: JAN 10-MAY 6

SCI IN PRIMARY GRDS C I 439 2 CREDITS
 Prereq: 377, HD FS 221; CONCURRENT ENROLLMENT IN
 433, 438, 468I, SP ED 355, 455
 4491005 1 MW 11:00-12:15
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 14-MARCH 9

TCHG OF SOC STUDIES C I 443 3 CREDITS
 Prereq: 377
 Note: COURSE RESTRICTED TO EL ED, ECE MAJORS ONLY.
 Department permission required 1st week.
 3258005 1 TR 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 15-MARCH 10
 3258010 2 TR 5:10-7:00PM
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 14-MARCH 10
 3258015 3 MW 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 15-MARCH 10
 3258020 4 MW 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 15-MARCH 10

TCHNG CHILDREN MATH C I 448 3 CREDITS
 Prereq: MATH 195, 196, CONCURRENT ENROLLMENT IN
 C I 377, 468A, 468C
 Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.
 MUST ENROLL IN SAME SECTION NUMBER OF 377
 Department permission required 1st week.
 3260005 1 MW 11:00-12:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1 NO MEETINGS MARCH 21-APRIL 13
 3260010 2 MW 8:30-10:20
 MEETS: JAN 10-MAY 6
 Note: SEC 2 NO MEETINGS MARCH 21-APRIL 15
 3260015 3 MW 5:10-7:00PM
 MEETS: JAN 10-MAY 6
 Note: SEC 3 NO MEETINGS MARCH 21-APRIL 15

TEACHING OF SCIENCE C I 449 3 CREDITS
 Prereq: 377, CONCURRENT ENROLLMENT IN 378, 468B
 468D, JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.
 MUST ENROLL IN SAME SECTION NUMBER OF 378.
 Department permission required 1st week.
 3261005 1 TR 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 14-MARCH 11
 3261010 2 TR 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 14-MARCH 11
 3261015 3 TR 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 14-MARCH 11

ETHNICITY & LEARNING C I 450 3 CREDITS
 Prereq: 245
 Note: Meets U.S. diversity reqmt
 Department permission required 1st week.
 3262005 R 5:10-8:00PM
 MEETS: JAN 10-MAY 6

EMERG TOPC DGTL LRN C I 454X 1- 3 CREDITS
 Prereq: 201 OR 202
 9436005 1 ARRANGED
 MEETS: FEB 14-MARCH 11
 9436010 2 ARRANGED
 MEETS: MARCH 21-APRIL 16

PRA PRIMRY RDG&LANG C I 468A 1 CREDIT
 Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG
 Note: TAKE CONCURRENTLY WITH C I 377 AND 448 AND 468C.
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 RESTRICTED TO EL ED MAJORS ONLY.
 Department permission required 1st week.
 Satisfactory-Fail Only.
 3265005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 21-APRIL 13
 Note: Professional support, field trips &/or
 travel fee \$51.75

PRA RDG&LANG INTRMD C I 468B 1 CREDIT
 Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG
 Note: TAKE CONCURRENTLY WITH C I 378, 449, 468D.
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 RESTRICTED TO EL ED MAJORS ONLY.
 Department permission required 1st week.
 Satisfactory-Fail Only.
 3266005 1 TR 7:30-4:30, ARRANGED
 MEETS: FEB 15-MARCH 10
 Note: Professional support, field trips &/or
 travel fee \$51.75

TCHG PRACTICUM MATH C I 468C 1 CREDIT
 Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2011.
 TAKE CONCURRENTLY WITH 377, 448. RESTRICTED TO
 WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM. RESTRICTED TO EL ED MAJORS
 ONLY.
 Department permission required 1st week.
 Satisfactory-Fail Only.
 3267005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 21-APRIL 13
 Note: Professional support, field trips &/or
 travel fee \$51.75

TCHNG PRACTICUM SCI C I 468D 1 CREDIT
 Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2011.
 TAKE CONCURRENTLY WITH 378,449,468B. REQUIRED
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 RESTRICTED TO EL ED MAJORS ONLY.
 Department permission required 1st week.
 Satisfactory-Fail Only.
 3268005 1 TR 7:30-4:30, ARRANGED
 MEETS: FEB 15-MARCH 10
 Note: Professional support, field trips &/or
 travel fee \$51.75

PRA PMRY LITRCY INC C I 468F 1 CREDIT
 Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC
 Note: REQUIRED MEETING - WED, JAN 13 AT 8AM.
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 4518005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 21-APRIL 13
 Note: Professional support, field trips &/or
 travel fee \$58.00

PRA PRMY MATH INCL C I 468G 1 CREDIT
 Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC
 Note: TAKE CONCURRENTLY WITH C I 377, 438, 468F,
 SP ED 368. RESTRICTED TO STUDENTS WITH FULL OR
 TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
 EDUCATION PROGRAM.
 Satisfactory-Fail Only.
 4524005 1 MW 7:30-4:30, ARRANGED
 MEETS: MARCH 21-APRIL 13
 Note: Professional support, field trips &/or
 travel fee \$51.75

PRA PRIMRY SCI INCL C I 468I 1 CREDIT
 Prereq: 245,250,268; ADMISSION TO TEACHER ED PROG
 Note: TAKE CONCURRENTLY WITH C I 433 439 & SP ED
 355, 455. RESTRICTED TO STUDENTS WITH FULL OR
 TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER
 EDUCATION PROGRAM.
 Satisfactory-Fail Only.
 4528005 1 MW 12:10-4:00
 ARRANGED
 MEETS: FEB 14-MARCH 9
 Note: Professional support, field trips &/or
 travel fee \$51.75

PRACTICUM SEC SCI II C I 468K 2 CREDITS
 Prereq: 245, 250, 268; ADMISSION TO TEACHER EDUC
 Note: CONCURRENT ENROLLMENT IN C I 419 REQUIRED.
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Satisfactory-Fail Only.
 8223005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$58.00

PRACT READNG ENDORS C I 468R 1 CREDIT
 Prereq: PERMISSION OF DEPT; CONCURRENT ENR IN 378
 ADMISSION TO TEACHER EDUC PROGRAM
 Note: Department permission required 1st week.
 Satisfactory-Fail Only.
 4300005 TR 7:30-12:20
 MEETS: FEB 15-MARCH 10
 Note: Professional support, field trips &/or
 travel fee \$58.00

FLD EXP TEACH MUSIC C I 480K .5- 2 CREDITS
 Prereq: PERMISSION OF COORDINATOR REQUIRED
 PRIOR TO ENROLLMENT
 Note: COURSE OFFERED FOR 1-2 CREDITS SPRING 2011
 9064005 ARRANGED
 MEETS: JAN 10-MAY 6

INDEP STUDY EDUCATN C I 490A VAR. CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION (CONTINUED)

IND STU VOC-ED GUID C I 490B 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STU CURR CONSTR C I 490C 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STU PRIN EDUC C I 490D 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY METHD TCHG C I 490E 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY EDUC PSYCH C I 490F 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STU INST TCHNOL C I 490G 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C I 490H 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STU EDUC STAT C I 490I 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STU MULTICUL ED C I 490J 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST/SOC SC C I 490K 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STU LITERACY ED C I 490L 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STU MATH EDUC C I 490M 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOUND EDUC C I 490O 1- 3 CREDITS
 Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

 SEE DEPT FOR REFERENCE NUMBERS

MNG&EVAL TEC INTRVN C I 504 3 CREDITS
 Prereq: 501
 2795005 R 5:10-8:00PM
 MEETS: JAN 10-MAY 6

TCHNOL IN TEACH&LRN C I 505 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2796005 M 5:10-8:00PM
 MEETS: JAN 10-MAY 6

GEOMETRY K-12 CLSRM C I 509 3 CREDITS
 Prereq: 448, 497, OR GRADUATE STATUS
 4446005 1 T 5:10-8:00PM
 MEETS: JAN 10-MAY 6

TECNOL DIFFUS,LEADR C I 511 3 CREDITS
 Prereq: ADMISSION TO GRADUATE STUDY, 501 OR EQUIV AND 505 OR EQUIVALENT
 8373600 XW ARRANGED NIEDERHAUSER D
 MEETS: JAN 10-MAY 6
 Note: CONTACT DALE NIEDERHAUSER FOR PERMISSION TO REGISTER AT 515-294-6841/DSN@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

ACTION RESRCH IN ED C I 515 3 CREDITS
 Prereq: ADMISSION TO GRAD STUDY, ONE COURSE IN RESEARCH METHODS, EDUCATIONAL INQUIRY, STATISTICS, EDUCATIONAL PSYCHOLOGY, OR INSTRUCTIONAL DESIGN
 1901005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Course delivery is WWW

1901600 XW ARRANGED SCHMIDT D
 MEETS: DEC 28-MAY 6
 Note: CONTACT DENISE SCHMIDT FOR PERMISSION TO REGISTER AT 515-294-9141/DSCHMIDT@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

CURRICULUM & INSTRUCTION (CONTINUED)

ANTIRACIST CURR DEV C I 516 3 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 6314005 M 5:10-8:00PM
 MEETS: JAN 10-MAY 6

STUDNT TCH PHYS SCI C I 517B VAR. CREDITS
 2460005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or travel fee \$20.50-\$246.00

STUDNT TEACHNG MATH C I 517C VAR. CREDITS
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2466005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or travel fee \$20.50-\$615.00

STUDNT TCH BIOL SCI C I 517D VAR. CREDITS
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2475005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or travel fee \$20.50-\$328.00

STDNT TCH EARTH SCI C I 517J VAR. CREDITS
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2476005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or travel fee \$20.50-\$328.00

STDNT TCH BASIC SCI C I 517M VAR. CREDITS
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2480005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or travel fee \$20.50-\$328.00

SEC DY SCI METHS II C I 519 2 CREDITS
 Prereq: 418 OR 518, CONCURRENT ENROLLMENT IN 591D
 2575005 M 5:10-8:00PM
 MEETS: JAN 10-MAY 6

PRIN SECONDARY EDUC C I 526 3 CREDITS
 Prereq: 6 CREDITS IN EDUCATION
 Note: MUST TAKE CONCURRENTLY WITH CI 415
 7724005 1 W 5:30-8:20PM
 MEETS: JAN 10-MAY 6

EDUC PSYCH LEARNING C I 533 3 CREDITS
 Prereq: 333 OR TEACHER LICENSURE
 4363005 1 T 4:30-7:00PM
 MEETS: JAN 10-MAY 6

ADV PEDAG SCIENC ED C I 546 3 CREDITS
 Prereq: BACHELOR'S DEGREE
 3527005 T 5:10-8:00PM
 MEETS: JAN 10-MAY 6

ETHNICITY &LEARNING C I 550 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION AND 506 OR PERMISSION OF INSTRUCTOR
 Note: Meets U.S. diversity reqmt
 Department permission required 1st week.
 8580005 R 5:10-8:00PM
 MEETS: JAN 10-MAY 6

CORRECTIVE READING C I 552 3 CREDITS
 Prereq: 378 OR EQUIV; UNDERGRAD STUDENTS MUST REGISTER CONCURRENTLY FOR SP ED 365, 436; GRADUATE STUDENT MUST HAVE A TEACHING LICENSE
 3276005 T 5:00-8:00PM
 ARRANGED
 MEETS: JAN 10-MAY 6

RDG&RSPND CHILD LIT C I 554 3 CREDITS
 Prereq: SENIOR STATUS OR TEACHING LICENSE
 1672005 M 5:30-8:30PM
 MEETS: JAN 10-MAY 6

HIST PRSPCT TECH EQ C I 577X 3 CREDITS
 Prereq: GRADUATE STATUS
 1627005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW

1627600 XW ARRANGED LEIGH P
 MEETS: JAN 10-MAY 6
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

CURRICULUM & INSTRUCTION (CONTINUED)

CURRICULUM & INSTRUCTION (CONTINUED)

SUPVS TUTOR READING C I 588 3 CREDITS
 Prereq: GRADUATE STATUS, TEACHING LICENSE AND
 CONCURRENT ENROLLMENT IN OR COMPLETION OF ONE COURSE
 CORRECTIVE READING; DIAGNOSIS AND CORRECTION OF
 READING PROBLEMS
 Note: COURSE RESTRICTED TO GRADS ONLY.
 9245005 1 R 5:10-8:00PM
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: PLUS TUTORING

SPCL TOP CURRICULUM C I 590A 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTR TECHNO C I 590B 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SCIENCE EDUC C I 590C 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SEC EDUC C I 590D 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP MULTICULT ED C I 590F 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS MATH EDUC C I 590G 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS ELEM ED C I 590I 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WORLD LANGU C I 590J 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC PSYCH C I 590K 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL STDI C I 590L 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LITERACY ED C I 590M 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP WORLD LANGU C I 591B 1- 6 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA
 8128005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$33.00-\$198.00

FIELD EXP ELEM EDUC C I 591C 1- 6 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA
 8489005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$33.00-\$198.00

FIELD EXP SECOND ED C I 591D 1- 6 CREDITS
 Prereq: 15 GRADUATE CREDITS IN SPECIAL AREA
 Note: COURSE OFFERED FOR 2 CREDITS SPRING 2011.
 5058005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 1 FOR SCIENCE STUDENTS
 Professional support, field trips &/or
 travel fee \$33.00-\$198.00
 5058010 2 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 2 FOR MATHEMATICS STUDENTS
 Professional support, field trips &/or
 travel fee \$33.00-\$198.00

SCIENCE EDUC WKSHOP C I 593C 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 Note: COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2011.
 2812005 ARRANGED
 MEETS: JAN 10-MAY 6

CURRIC PROB&INQUIRY C I 596 3 CREDITS
 Prereq: GRADUATE STANDING
 2817010 2 R 5:30-8:30PM
 MEETS: JAN 10-MAY 6

CRTV COMP CURRICULM C I 599A 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP INSTR TCHNL C I 599B 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED C I 599C 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SECNDR ED C I 599D 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP MULTICUL ED C I 599F 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC C I 599G 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPON ELEM ED C I 599I 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR CMP WRLD LANG ED C I 599J 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP EDU PSYCH C I 599K 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SOC STUDI C I 599L 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP LITERC ED C I 599M 1- 3 CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV LRN ENVIR DSIGN C I 603 3 CREDITS
 Prereq: 503
 2926005 T 5:10-8:00PM
 MEETS: JAN 10-MAY 6

SEMNR INSTR TECHNOL C I 615B 1 CREDIT
 5264005 W 4:10-5:00
 MEETS: JAN 10-MAY 6

SEMINAR SCIENCE ED C I 615C 1 CREDIT
 5268005 T 4:10-5:00
 MEETS: JAN 10-MAY 6

SEM MULTICULTURL ED C I 615F 1 CREDIT
 4563005 M 4:10-5:00
 MEETS: JAN 10-MAY 6

SEMINAR MATH EDUC C I 615G 1 CREDIT
 4571005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMINR EDUC PSYCHOL C I 615K 1 CREDIT
 4586005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMINAR LITERACY ED C I 615M 1 CREDIT
 Note: COURSE MEETS ON CAMPUS JAN 11 & APRIL 26.
 8274005 M 4:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6

ADV SPCL TOP CURRIC C I 690A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP INS TCH C I 690B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED C I 690C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED C I 690D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MLTICUL C I 690F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MATH ED C I 690G VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TP WRL LANG C I 690J VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION (CONTINUED)

DANCE (CONTINUED)

ADV SPL TOP ED PSYC C I 690K VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP SOC STU C I 690L VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LITERACY ED C I 690M VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CURRICULUM C I 699A VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES INSTRUC TECHNOL C I 699B VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC C I 699C VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC C I 699D VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MULTICULTURL ED C I 699F VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MATH EDUC C I 699G VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC C I 699I VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH WRLD LANGU ED C I 699J VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH EDUC PSYCHOL C I 699K VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOC STUDI ED C I 699L VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH LITERACY ED C I 699M VAR. CREDITS
 Prereq: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

DANCE

MODERN DANCE I DANCE 120 1 CREDIT
 Satisfactory-Fail Only.
 2838005 1 MW 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$20.00

BALLET I DANCE 130 1 CREDIT
 Satisfactory-Fail Only.
 2839005 1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$20.00

JAZZ I DANCE 140 1 CREDIT
 Satisfactory-Fail Only.
 2840005 1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

BALLROOM DANCE I DANCE 160 1 CREDIT
 Satisfactory-Fail Only.
 2842005 1 TR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1 FOR MEN ONLY. MEETS WITH SEC 2
 Materials and professional support fee \$10.00

2842010 2 TR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 2 FOR WOMEN ONLY. MEETS WITH SEC 1
 Materials and professional support fee \$10.00

2842015 3 TR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC 3 FOR MEN ONLY. MEETS WITH SEC 4
 Materials and professional support fee \$10.00

2842020 4 TR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC 4 FOR WOMEN ONLY. MEETS WITH SEC 3
 Materials and professional support fee \$10.00

DANCE CONTINUUM DANCE 199 .5- 2 CREDITS
 Prereq: INSTRUCTOR PERMISSION. ADVANCE
 REGISTRATION REQUIRED
 Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SPRING 2011
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2845005 1 ARRANGED
 MEETS: JAN 10-MAY 6

FUND SOCIAL&WORLD D DANCE 211 2 CREDITS
 Note: COURSE RESTRICTED TO EX SP, KIN H MAJORS
 9612005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00

MODERN DANCE III DANCE 223 1 CREDIT
 Prereq: 222
 2848005 1 MW 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$20.00

CONCERT&THTRE DANCE DANCE 224 .5- 2 CREDITS
 Prereq: BY AUDITION ONLY
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 2849005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY
 2849010 2 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY
 2849015 3 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 3 OFFERED FOR 2 CREDITS ONLY

BALLET II DANCE 232 1 CREDIT
 Prereq: PREVIOUS BALLET EXPERIENCE
 2850005 1 MW 12:10-1:30
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$20.00

JAZZ II DANCE 242 1 CREDIT
 Prereq: PREVIOUS JAZZ DANCE EXPERIENCE
 2852005 1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

DANCE APPRECIATION DANCE 270 3 CREDITS
 2855005 1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

HIST &PHIL OF DANCE DANCE 360 3 CREDITS
 Prereq: 270
 2857005 1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

ADV STUDIES DANCE DANCE 370 1- 3 CREDITS
 Prereq: 2 CR IN DANCE, ADVANCE REGISTRATION REQ'D
 Note: Instructor permission required 1st week.
 2858005 1 ARRANGED
 MEETS: JAN 10-MAY 6

TCHG CHILDRN'S DANCE DANCE 384 2 CREDITS
 2859005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY DANCE 490 1- 3 CREDITS
 Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR
 Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SPRING 2011.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DESIGN STUDIES

DESIGN STUDIO I DSN S 102 4 CREDITS
 Note: ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF
 DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED TO
 COLLEGES OTHER THAN DESIGN.
 8050005 1 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

8050015 3 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

8050025 5 MW 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

8050035 7 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

8050045 9 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

8050055 11 MW 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

8050065 13 MW 3:10-6:00PM
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIO I DSN S 102 4 CREDITS
 8050075 15 MW 3:10-6:00PM
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050085 17 MW 3:10-6:00PM
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050095 19 TR 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050100 20 TR 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050105 21 TR 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050115 23 TR 9:00-11:50
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050125 25 TR 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050130 26 TR 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050135 27 TR 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050140 28 TR 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050145 29 TR 12:10-3:00
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050165 33 TR 3:10-6:00PM
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 8050170 34 TR 3:10-6:00PM
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

DESGN EXCH SEMIN II DSN S 111 1 CREDIT
 Prereq: MEMBER OF DESIGN EXCHANGE LEARN COMMUNITY
 Note: COURSE RESTRICTED TO COLLEGE OF DESIGN STUDENTS.
 Satisfactory-Fail Only.
 7658005 1 T 6:00-7:30PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$55.00-\$80.00

DESIGN COLLABOR SEM DSN S 115 .5 CREDIT
 Prereq: MEMBER OF DESIGN COLLABORATIVE LEARNING
 COMMUNITY
 Satisfactory-Fail Only.
 7947005 W 8:00-8:50
 MEETS: JAN 10-MARCH 25

DESIGN REPRESENTATN DSN S 131 4 CREDITS
 Note: ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF
 DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED TO
 COLLEGES OTHER THAN DESIGN.
 Instructor permission required 1st week.
 2124005 1 MWF 8:00-9:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124010 2 MWF 8:00-9:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124015 3 MWF 8:00-9:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124025 5 MWF 8:00-9:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124045 9 MWF 10:00-11:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124055 11 MWF 10:00-11:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124065 13 MWF 10:00-11:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124075 15 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

DESIGN REPRESENTATN DSN S 131 4 CREDITS
 2124085 17 MWF 12:10-2:00
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124090 18 MWF 12:10-2:00
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124105 21 MWF 12:10-2:00
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124110 22 MWF 12:10-2:00
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124115 23 MWF 2:10-4:00
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124125 25 MWF 2:10-4:00
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124130 26 MWF 2:10-4:00
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124135 27 MWF 2:10-4:00
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124145 29 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124150 30 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124155 31 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124165 33 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124175 35 TR 11:00-2:00
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124185 37 TR 11:00-2:00
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124195 39 TR 11:00-2:00
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124200 41 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00
 2124205 42 TR 8:00-10:50
 TR 3:40-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00

DESIGN CULTURES DSN S 183 3 CREDITS
 5945005 1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC 1 FOR MAJORS OTHER THAN COLLEGE OF DESIGN
 Materials, field trips &/or travel fee \$0.00-\$15.00
 5945010 2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC 2 RESTRICTED TO DESIGN COLLEGE MAJORS
 Materials, field trips &/or travel fee \$0.00-\$15.00

HIST WESTERN ARC II DSN S 222 3 CREDITS
 Note: Meets international perspectives reqmt
 2150005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

DESIGN COMMUNCTIONS DSN S 232X 3 CREDITS
 2087005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED MAJORS OTHER THAN THE COLLEGE
 OF DESIGN
 2087010 2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 2 RESTRICTED TO THE COLLEGE OF DESIGN MAJORS

FORCES SHAP METRO E DSN S 270 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3863005 A MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

DESIGN STUDIES (CONTINUED)

SOCIAL&BEHAV LNDSCLP DSN S 274 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3041005 1 M 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED TO L A MAJORS ONLY
 Field trips & travel fee \$0.00-\$25.00

HISTORY OF ART II DSN S 281 3 CREDITS
 Note: Meets international perspectives reqmt
 2637005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

STDY ABRD PREP SEMN DSN S 301 1 CREDIT
 Satisfactory-Fail Only.
 7396005 1 M 7:00-7:50PM
 MEETS: JAN 10-MAY 6

DESIGN LEADRSHS SEM DSN S 302 2 CREDITS
 Prereq: SELECTION AS A PEER MENTOR FOR THE CORE
 DESIGN PROGRAM
 Satisfactory-Fail Only.
 8568005 1 W 6:00-6:50PM
 ARRANGED
 MEETS: JAN 10-MAY 6

DESIGN AMBASSADORS DSN S 303 1- 2 CREDITS
 Prereq: ADMITTANCE INTO ONE OF THE PROFESSIONAL
 PROGRAMS IN THE COLLEGE OF DESIGN
 Satisfactory-Fail Only.
 1677005 1 F 9:00-9:50, ARRANGED
 MEETS: JAN 10-MAY 6

URBAN FORM DSN S 320 3 CREDITS
 Prereq: C R P 253 OR 270, OR INSTRUCTOR PERMISSN
 8078005 MW 5:10-6:30PM
 MEETS: JAN 10-MAY 6

SOLAR HOME DESIGN DSN S 351 3 CREDITS
 Prereq: ARCH 202
 2152005 R 7:00-9:40PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$2.00-\$6.00

LAND ARC HIST 1750- DSN S 371 3 CREDITS
 4697005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$25.00

ART&ARCHITC OF ASIA DSN S 382 3 CREDITS
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 2663005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

GREEK & ROMAN ART DSN S 383 3 CREDITS
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 2666005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

GREEK & ROMAN ART DSN S 383H 3- 4 CREDITS
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 7287005 MWF 12:10-1:00
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

ADV LAND ARC DESIGN DSN S 404 6 CREDITS
 Prereq: L A 401
 Note: Instructor permission required 1st week.
 3474005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$610.00

ADV LAND ARC DESIGN DSN S 404H 6- 7 CREDITS
 Prereq: 401
 Note: Instructor permission required.
 7151005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$610.00

URBAN REVITALIZATN DSN S 417 3 CREDITS
 Prereq: C R P 253 OR 270
 3869005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

DESIGN STUDIES (CONTINUED)

INTERNATNL PLANNING DSN S 429 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 3990005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

SITE DEVELOPMENT DSN S 442 3 CREDITS
 Prereq: C R P 253, 272
 3963005 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$100.00

INTERDIS DSN STUDIO DSN S 446 4- 6 CREDITS
 Prereq: JR CLASSIFICATION IN A CURRICULUM IN
 THE COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO DESIGN COLLEGE JUNIORS &
 SENIORS.
 2871015 10 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 10 TOPIC: SKYSCRAPER
 SEC 10 RESTRICTED TO ARC, ARCH MAJORS ONLY.
 Materials, field trips &/or travel fee
 \$50.00-\$750.00

2871020 11 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 11 TOPIC: DESIGN/BUILD SIOUX CITY CABIN
 Materials, field trips &/or travel fee
 \$50.00-\$750.00

2871025 12 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 12 TOPIC: AFFORDABLE GREEN HOUSING
 Materials, field trips &/or travel fee
 \$50.00-\$750.00

2871030 13 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 13 TOPIC: NEW SMALL COLLEGE
 Materials, field trips &/or travel fee
 \$50.00-\$750.00

2871035 14 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 14 TOPIC: TOYS
 Materials, field trips &/or travel fee
 \$50.00-\$750.00

2871040 15 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 15 TOPIC: DYNAMIC DIALECTS
 Materials, field trips &/or travel fee
 \$50.00-\$750.00

2871045 16 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 16 TOPIC: DESIGN/BUILD IOWA FALLS
 BRIDGES
 Materials, field trips &/or travel fee
 \$50.00-\$750.00

2871050 17 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 17 TOPIC: HOTEL
 RESTRICTED TO ARC, ARCH, ARTID, C R P AND
 L A MAJORS ONLY
 Materials, field trips &/or travel fee
 \$50.00-\$750.00

2871055 18 MWF 1:10-5:20
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$50.00-\$750.00

INTERDIS DSN STUDIO DSN S 446H 5- 7 CREDITS
 Note: Instructor permission required.
 8769005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$50.00-\$750.00

TOPIC LANDSC DESIGN DSN S 478A 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 8278005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

TOPIC CONSTRUCTION DSN S 478C 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 8280005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPIC HIST/THRY/CRT DSN S 478D 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 8281005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPIC LANDSC PLANNG DSN S 478E 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 8282005 ARRANGED
 MEETS: JAN 10-MAY 6

DESIGN STUDIES

(CONTINUED)

TOPIC URBAN DESIGN DSN S 478F 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 8283005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$300.00

TOPICAL ST GRAPHICS DSN S 478G 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 8284005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPICAL STUD HONORS DSN S 478H 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 8285005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPIC INTERDISCIPLIN DSN S 478I 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 8286005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPIC INTERNAT'L ST DSN S 478J 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 8287005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

TOPIC COMPUTER APP DSN S 478K 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 8288005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPIC ECOLOG DESIGN DSN S 478L 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 8289005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

TOPIC SOCIA/BEHAVR'L DSN S 478M 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 3742005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPIC NATURL RSOURC DSN S 478N 2- 3 CREDITS
 Prereq: 371 OR SENIOR CLASSIF OR GRAD STANDING
 3743005 ARRANGED
 MEETS: JAN 10-MAY 6

SUSTAINABLE COMMUNT DSN S 484 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 7042005 TR 6:00-7:20PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$100.00

INDEPN STUDY DESIGN DSN S 490D 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN DSN S 491 3 CREDITS
 Prereq: 6 CREDITS IN NATURAL SCIENCE
 4099005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

SPL TP ITALIAN CULT DSN S 492 1 CREDIT
 Prereq: ENROLLMENT IN THE COLLEGE OF DESIGN ROME
 STUDY ABROAD PROGRAM OR DSN S 301
 6821005 1 M 5:10-6:00PM
 MEETS: JAN 10-MAY 6
 6821800 IT ARRANGED SCHNEIDER P
 MEETS: JAN 10-APRIL 28
 Note: SEC IT TAUGHT IN ROME, ITALY. 'COLLEGE OF
 DESIGN IN ROME: ARCHITECTURE, SPRING 2011.
 OFFERED FOR 1 CREDIT
 Study Abroad Administrative Fee Applies

MOD&CNTM ART&THY II DSN S 495 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 2781005 TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

TOPICS IN ART HIST DSN S 498 3 CREDITS
 Note: ART & DESIGN OF MEDIEVAL & MODERN INDIA
 Instructor permission required 1st week.
 2788005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A TOPIC: ART IN DICTATORSHIP
 Field trips & travel fee \$0.00-\$15.00

DESIGN STUDIES

(CONTINUED)

URBAN REVITALIZATN DSN S 517 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 4101005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

TOP STDI ARCH&CULTR DSN S 528A 2- 3 CREDITS
 Prereq: ARCH 221, 222 OR SR CLASSIF OR GRAD
 STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011
 1716005 1 T 6:30-8:50PM
 MEETS: JAN 10-MAY 6
 Note: SEC 1 TOPIC: MODERN ARCHITECTURE: 1923/1968.
 Field trips & travel fee \$5.00-\$820.00
 1716010 2 T 4:10-6:40PM
 MEETS: JAN 10-MAY 6
 Note: SEC 2 TOPIC: AMERICAS: PRE-COLUMBIAN CITIES,
 COLONIAL WILDERNESSES, POST-COLONIAL COLONIAS
 Field trips & travel fee \$5.00-\$820.00
 1716020 3 T 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 3 TOPIC: GOODNESS & BEAUTY
 Field trips & travel fee \$5.00-\$820.00

INTERNATNL PLANNING DSN S 529 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 4264005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00
 Section info: <http://www.public.iastate.edu/~efowusu/courses.html>

SITE DEVELOPMENT DSN S 542 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 4301005 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$100.00

INTERDIS DSN STUDIO DSN S 546 4- 6 CREDITS
 Prereq: ADMISSION TO A GRADUATE PROGRAM IN
 THE COLLEGE OF DSGN & INSTRUCTOR PERMISSION
 Note: COURSE RESTRICTED TO DESIGN COLLEGE GRAD STUDENTS
 2878005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED TO ARC AND ARCH MAJORS ONLY
 Materials, field trips &/or travel fee \$50.00-\$750.00
 2878010 2 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00-\$750.00
 2878015 3 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00-\$750.00
 2878020 4 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00-\$750.00
 2878025 5 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00-\$750.00
 2878030 6 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00-\$750.00
 2878035 7 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00-\$750.00
 2878040 8 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 8 RESTRICTED TO ARC, ARCH & ARTID MAJORS
 Materials, field trips &/or travel fee \$50.00-\$750.00
 2878045 9 MWF 1:10-5:20
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00-\$750.00

PRESERVATN &REHABTN DSN S 567 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 4713005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED TO ARC, ARCH MAJORS ONLY
 Field trips & travel fee \$5.00-\$10.00
 4713010 2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 2 FOR MAJORS OTHER THAN ARC, ARCH
 Field trips & travel fee \$5.00-\$10.00

CONTEM URB DSN THRY DSN S 575 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 Note: TOPIC: PUBLIC SPACES
 2506005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

DESIGN STUDIES

(CONTINUED)

DESIGN STUDIES

(CONTINUED)

TOPIC LANDSC DESIGN DSN S 578A 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8290005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

TOPIC CONSTRUCTION DSN S 578C 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8292005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPIC HIST/THRY/CRT DSN S 578D 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8294005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPIC LANDSC PLANNG DSN S 578E 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8293005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$300.00

TOPIC URBAN DESIGN DSN S 578F 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8295005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$300.00

TOPICAL ST GRAPHICS DSN S 578G 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8296005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$300.00

TOPIC INTERDISCIPLIN DSN S 578I 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8298005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$300.00

TOPIC INTERNAT'L ST DSN S 578J 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8299005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

TOPIC COMPUTER APP DSN S 578K 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 8300005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPICAL ECO DESIGN DSN S 578L 2- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION OR GRAD STANDING
 7816005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee

TOPIC SOCIA/BEHAVRL DSN S 578M 2- 3 CREDITS
 ARRANGED
 MEETS: JAN 10-MAY 6

TOPIC NATURL RSOURC DSN S 578N 2- 3 CREDITS
 ARRANGED
 MEETS: JAN 10-MAY 6

ART & ARCH OF ASIA DSN S 582 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 Note: Meets international perspectives reqmt
 Instructor permission required 1st week.
 2867005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

SUSTAINBLE COMMUNIT DSN S 584 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7045005 TR 6:00-7:20PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$100.00

SPECIAL TOPICS DSN S 590 1- 4 CREDITS
 Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
 CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMNT
 7967005 ARRANGED
 MEETS: JAN 10-MAY 6

ENVIRONMTL LAW&PLAN DSN S 591 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 4317005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

MOD&CNTM ART&THY II DSN S 595 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, INSTR PERMISSION
 Note: Meets U.S. diversity reqmt
 3112005 TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$15.00

TOPICS IN ART HIST DSN S 598 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, INSTR PERMISSION
 3200005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A TOPIC: ART IN DICTATORSHIP
 Field trips & travel fee \$0.00-\$15.00

DIETETICS

RESEARCH METHODS DIET 511 3 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 Note: CREDIT FOR EITHER DIET 511 OR FCEDS 511, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5559600 XG ARRANGED
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Instructor permission required 1st week.
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

NUTRITN IN WELLNESS DIET 530 3 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 4706600 XG ARRANGED
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5793/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

STATISTICS DIET 554 3 CREDITS
 Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: DIET 554, STAT 401, STAT 495, STAT 542
 4268600 XG ARRANGED
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ADV NU:MICRONUTRIEN DIET 556 3 CREDITS
 Prereq: BBMB 404 OR BBMB 420 OR EQUIVALENT;
 ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 Note: CREDIT FOR EITHER DIET 556 OR NUTRS 502, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 4202600 XG ARRANGED
 MEETS: JAN 12-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ADV NU:MACRONUTRIEN DIET 558 3 CREDITS
 Prereq: BBMB 404 OR BBMB 420 OR EQUIVALENT;
 ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
 Note: CREDIT FOR EITHER DIET 558 OR NUTRS 501, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 4198600 XG ARRANGED
 MEETS: JAN 18-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ECOLOGY & EVOLUTIONARY BIOLOGY

EXTENDED FIELD TRIP EEB 585 2 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: Instructor permission required 1st week.
 7859005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Field trips & travel fee \$700.00

ECOLOGY & EVOLUTIONARY BIOLOGY (CONTINUED)

SPECIAL TOPICS EEB 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION AND INSTR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR EEB 698 1 CREDIT
 7861005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 7861010 2 ARRANGED
 MEETS: JAN 10-MAY 6
 7861015 3 ARRANGED
 MEETS: JAN 10-MAY 6

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

ECOLOGY, EVOLUTION & ORGANISMAL BIOL

ADV ANIMAL BEHAVIOR EEOB 507 3 CREDITS
 Prereq: GRAD STANDING, BIOL 354, OR INSTR PERMISS
 7117005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

ENDOCRINOLOGY EEOB 534 3- 4 CREDITS
 Prereq: BIOL 211, 212
 7127005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A OFFERED FOR 3 CREDITS ONLY SPRING 2011.
 Materials fee \$0.00-\$25.00

EVOLU DEVLPMNTL PROC EEOB 540X 3 CREDITS
 Prereq: A COURSE IN EVOLUTION; INSTRUCTOR PERMISSN
 9308005 ARRANGED
 MEETS: JAN 10-MAY 6

INTRO DNA TECHNIQS EEOB 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7105005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 11-FEB 10

INTR PROTEIN TECHNQ EEOB 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7109005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 15-MARCH 24

INTRO CELL TECHNIQS EEOB 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7119005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ EEOB 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7120005 ARRANGED
 MEETS: JAN 10-MAY 6

INTR METABLMCS TCNQ EEOB 542F 1 CREDIT
 Satisfactory-Fail Only.
 6470005 1 M 1:10-2:00 PERERA M
 M 2:10-4:00 PERERA M
 MEETS: FEB 7-APRIL 18

INTRO GENOMIC TECNQ EEOB 542G 1 CREDIT
 Satisfactory-Fail Only.
 7530005 MW 1:10-2:00
 MW 2:10-4:00
 MEETS: MARCH 2-30

BRYOPHYT&LICHN DVRS EEOB 555 3 CREDITS
 Prereq: BIOL 212, 212L
 Note: Available for nonmajor graduate credit
 8952005 TR 6:00-8:30PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00

ORNITHOLOGY EEOB 558 3 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 2885005 1 MW 10:00-10:50
 T 7:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00
 2885010 2 MW 10:00-10:50
 W 7:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00

MAMMALOLOGY EEOB 559 3 CREDITS
 Prereq: A ECL 365 OR BIOL 351
 5267005 1 MW 2:10-3:00
 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$20.00
 5267010 2 MW 2:10-3:00
 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$20.00

ECOLOGY, EVOLUTION & ORGANISMAL BIOL (CONTINUED)

EVOLUTIONARY GENETICS EEOB 562 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1241005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

MOLEC PHYLOGENETICS EEOB 563 3 CREDITS
 Prereq: BIOL 315, 313
 7054005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

WETLAND ECOLOGY EEOB 564 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 2126005 ARRANGED
 MEETS: JAN 10-MAY 6

ADVANCED SYSTEMATICS EEOB 568 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7065005 1 ARRANGED
 MEETS: JAN 10-MAY 6

FUNCTIONAL ECOLOGY EEOB 576 3 CREDITS
 Prereq: BIOL 312
 2130005 ARRANGED
 MEETS: JAN 10-MAY 6

MICROBIAL ECOLOGY EEOB 587 3 CREDITS
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM
 2110005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

SPCL TOPICS ECOLOGY EEOB 590A 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EVOLUT BIOL EEOB 590B 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ORGNM BIOL EEOB 590C 1- 3 CREDITS
 Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT EEOB 599 VAR. CREDITS
 2145005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMINAR EEOB 698 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH EEOB 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ECONOMICS

PRIN MICROECONOMICS ECON 101 3- 4 CREDITS
 Note: OFFERED FOR 3 CREDITS SPRING 2011.
 3100005 1 MWF 10:00-10:50 ORAZEM P
 MEETS: JAN 10-MAY 6
 3100010 2 MWF 11:00-11:50 ALEXANDER T
 MEETS: JAN 10-MAY 6
 3100015 3 MWF 1:10-2:00 SCHROETER J
 MEETS: JAN 10-MAY 6
 3100020 4 MWF 2:10-3:00 SCHROETER J
 MEETS: JAN 10-MAY 6
 3100025 5 TR 11:00-12:20 MCCULLOUGH R
 MEETS: JAN 10-MAY 6
 3100030 6 MW 6:10-7:30PM CHOI E
 MEETS: JAN 10-MAY 6
 3100035 7 MWF 9:00-9:50 MCCULLOUGH R
 MEETS: JAN 10-MAY 6
 3100040 8 ARRANGED GUNDERSEN L
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 3100600 XW ARRANGED GUNDERSEN L
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

PRIN MACROECONOMICS ECON 102 3 CREDITS
 Prereq: 101 RECOMMENDED
 3099005 1 MWF 9:00-9:50 ALEXANDER T
 MEETS: JAN 10-MAY 6
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099010 2 MWF 10:00-10:50 ZHYLYEVSKYY O
 MEETS: JAN 10-MAY 6
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099015 3 MWF 1:10-2:00 CALHOUN G
 MEETS: JAN 10-MAY 6
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099020 4 MWF 2:10-3:00 ROY S
 MEETS: JAN 10-MAY 6
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099025 5 TR 2:10-3:30 MCCULLOUGH R
 MEETS: JAN 10-MAY 6
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>
 3099030 6 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

ECONOMICS (CONTINUED)

ECONOMICS (CONTINUED)

PRIN MACROECONOMICS ECON 102 3 CREDITS
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
 3099035 7 ARRANGED GUNDERSEN L
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WW
 3099600 XW ARRANGED GUNDERSEN L
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WW
 Delivery fee \$150.00

APPL ECON OPTIMIZTN ECON 207 3 CREDITS
 Prereq: MATH 151, 160, 165 OR EQUIVALENT
 2753005 1 MW 9:00-9:50 ROY S
 T 1:10-3:00 ROY S
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
 2753010 2 MW 9:00-9:50 ROY S
 W 3:10-5:00 ROY S
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
 2753015 3 MW 9:00-9:50 ROY S
 R 1:10-3:00 ROY S
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

FARM BUSINESS MGT ECON 230 3 CREDITS
 Prereq: 101, ACCT 284
 3177005 1 MWF 9:00-9:50 KLIEBENSTEIN J
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
 3177010 2 MWF 2:10-3:00 JACOBS K
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

INTRO AGRI MARKETS ECON 235 3 CREDITS
 Prereq: 101
 3174005 1 MWF 2:10-3:00 KIMLE K
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
 3174010 2 TR 9:30-10:50 BEGHIN J
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

INTERMED MICROECON ECON 301 3- 4 CREDITS
 Prereq: 101; MATH 160 OR 165
 Note: COURSE OFFERED FOR 4 CREDITS SPRING 2011.
 Available for nonmajor graduate credit
 3101005 1 TR 11:00-12:20 POULIOT S
 T 2:10-4:00 POULIOT S
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
 3101010 2 TR 11:00-12:20 POULIOT S
 W 2:10-4:00 POULIOT S
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
 3101015 3 MWF 10:00-10:50 FRANKEL D
 W 2:10-4:00 FRANKEL D
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
 3101020 4 MWF 10:00-10:50 FRANKEL D
 R 2:10-4:00 FRANKEL D
 MEETS: JAN 10-MAY 6

INTERMED MACROECON ECON 302 3 CREDITS
 Prereq: 101, 102; MATH 160 OR 165
 Note: Available for nonmajor graduate credit
 3102005 1 MWF 1:10-2:00 CORDOBA J
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp
 3102010 2 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

ECONOMICS OF SPORTS ECON 313X 3 CREDITS
 Prereq: 101
 9115005 1 MWF 10:00-10:50 DEITER R
 MEETS: JAN 10-MAY 6

ECON OF DISCRIMINAT ECON 321 3 CREDITS
 Prereq: 101
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3116005 1 MWF 1:10-2:00 ORAZEM P
 MEETS: JAN 10-MAY 6

COOPERATIVES ECON 332 3 CREDITS
 Prereq: 101
 Note: Available for nonmajor graduate credit
 3181005 1 TR 12:40-2:00 DEITER R
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

ENTREPRENEURSHIP AG ECON 334 3 CREDITS
 Prereq: 101
 6836005 1 MWF 11:00-11:50 KIMLE K
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

AGRICULTRL MARKETNG ECON 339X 3 CREDITS
 Prereq: 101, 235 RECOMMENDED
 Note: Available for nonmajor graduate credit
 2316005 1 TR 9:30-10:20 HART C
 T 2:10-4:00 HART C
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$0.00-\$30.00

PUBLIC FINANCE ECON 344 3 CREDITS
 Prereq: 101
 Note: Available for nonmajor graduate credit
 3111005 1 TR 9:30-10:50 OTTO D
 MEETS: JAN 10-MAY 6

MONEY,BANK,FIN INST ECON 353 3 CREDITS
 Prereq: 101, 102
 3103005 1 TR 12:40-2:00 TESFATSION L
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

INT'L TRADE&FINANCE ECON 355 3 CREDITS
 Prereq: 101, 102
 Note: ECON MAJORS MAY APPLY 355 AS A FREE ELECTIVE ONLY
 Meets international perspectives reqmt
 Available for nonmajor graduate credit
 8925005 1 MWF 1:10-2:00 CHOI E
 MEETS: JAN 10-MAY 6
 Section info: http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp

RURAL PRPRTY APPRSL ECON 364X 3 CREDITS
 Prereq: 101
 Note: Available for nonmajor graduate credit
 2159005 1 TR 2:10-3:30 DUFFY M
 MEETS: JAN 10-MAY 6

INTRO ECONOMETRICS ECON 371 4 CREDITS
 Prereq: 301, 302 OR 353, STAT 326
 Note: Available for nonmajor graduate credit
 2790005 1 MF 2:10-3:00 BUNZEL H
 W 2:10-4:00 BUNZEL H
 MEETS: JAN 10-MAY 6

ECONOMICS OF AGING ECON 378 3 CREDITS
 Prereq: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS
 5750005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

ENVIR &RESOURC ECON ECON 380 3 CREDITS
 Prereq: 101
 3180005 1 TR 2:10-3:30 HENNESSY H
 MEETS: JAN 10-MAY 6

ECONOMIC DEVELOPMT ECON 385 3 CREDITS
 Prereq: 101, 102
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3114005 1 TR 12:40-2:00 LUVAGA E
 MEETS: JAN 10-MAY 6

INDUSTRIAL ORGANZTN ECON 416 3 CREDITS
 Prereq: ECON 301
 Note: Available for nonmajor graduate credit
 3184005 1 TR 12:40-2:00 MOSCHINI G
 MEETS: JAN 10-MAY 6

INTRO GAME THEORY ECON 418X 3 CREDITS
 Prereq: 301
 Note: Available for nonmajor graduate credit
 9091005 1 TR 2:10-3:30 ROSENBLAT T
 MEETS: JAN 10-MAY 6

COMMODO MKTG&RISK MG ECON 437 3 CREDITS
 Prereq: 235, 301, STAT 326
 Note: Available for nonmajor graduate credit
 7572005 1 TR 11:00-12:20 HENNESSY D
 MEETS: JAN 10-MAY 6

INTERNATNAL FINANCE ECON 457 3 CREDITS
 Prereq: 302
 Note: Available for nonmajor graduate credit
 5250005 1 TR 9:30-10:50 SINGH R
 MEETS: JAN 10-MAY 6

ECONOMICS (CONTINUED)

ECONOMICS (CONTINUED)

AG,FOOD,TRADE POLCY ECON 460 3 CREDITS
 Prereq: 301 OR 501
 Note: Available for nonmajor graduate credit
 3185005 1 MWF 11:00-11:50 GALLAGHER P
 MEETS: JAN 10-MAY 6
 Section info: <http://www.econ.iastate.edu/programs/coruse/defaultcourseinfo.asp>

INDEPENDENT STUDY ECON 490 1- 5 CREDITS
 Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR ECON 490E 1- 5 CREDITS
 Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 490H 1- 5 CREDITS
 Prereq: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.
 AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN 6 CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.
 COURSE RESTRICTED TO UNIV. HONORS STUDENTS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATNG SR SURVEY ECON 492 R CREDIT
 Prereq: GRADUATING SENIOR
 Satisfactory-Fail Only.
 6208005 1 R 4:10-5:00 DEITER R
 MEETS: JAN 10-MAY 6
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ECON TRAVEL COURSE ECON 496 1- 3 CREDITS
 Prereq: SOPHOMORE STATUS, PERMISSION OF INSTRUCTR
 Note: Meets international perspectives reqmt
 5225800 AT ARRANGED LUVAGA E
 MEETS: JAN 12-MAY 6
 Note: SEC AT TAUGHT IN AUSTRALIA. TOPIC:
 AGRICULTURAL PRODUCTION, BUSINESS AND TRADE IN AUSTRALIA. SPRING 2011 - TRAVEL MARCH 10-20
 Study Abroad Administrative Fee Applies

COOPERATIVE EDUC ECON 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 Note: Permission of adviser required.
 4836005 1 ARRANGED DEITER R
 MEETS: JAN 10-MAY 6

EXPERMNTL ECONOMICS ECON 510X 3 CREDITS
 Prereq: 501 OR 601
 1509005 1 TR 11:00-12:20 ROSENBLAT T
 MEETS: JAN 10-MAY 6

PUBLIC ECONOMICS ECON 545 3 CREDITS
 Prereq: 501 OR 601
 3137005 1 TR 2:10-3:30 KREIDER B
 MEETS: JAN 10-MAY 6

INTERMED ECONOMETRC ECON 571 3 CREDITS
 Prereq: 500
 9077005 1 MWF 1:10-2:00 HUFFMAN W
 MEETS: JAN 10-MAY 6
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ADV ENVIROMNTL ECON ECON 581 3 CREDITS
 Prereq: 501 OR 601
 3205005 1 TR 8:00-9:20 HERRIGES J
 MEETS: JAN 10-MAY 6
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

SPECIAL TOPICS ECON 590 1- 5 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1- 5 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MACROECON ANALYSIS ECON 602 4 CREDITS
 Prereq: 301,302, CREDIT OR CONCURRENT ENROLLMENT IN 600 & PERMISSION OF DIRECTOR OF GRADUATE EDUCATION
 Note: Department permission required.
 3126005 1 TR 9:30-11:20 BHATTACHARYA J
 F 1:10-3:00 BHATTACHARYA J
 MEETS: JAN 10-MAY 6
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

MICROECON ANALYS II ECON 603 4 CREDITS
 Prereq: 601, 602, PERMIS OF DIRECTOR OF GRAD EDUC
 Note: Department permission required.
 3125005 1 MW 1:10-3:00 FRANKEL D
 F 3:10-5:00 FRANKEL D
 MEETS: JAN 10-MAY 6
 Section info: <http://www.econ.iastate.edu/programs/course/defaultcourseinfo.asp>

ADV TOPIC MACROECON ECON 606 3 CREDITS
 Prereq: 603, CREDIT OR ENROLLMENT IN 604
 3160005 1 TR 9:30-10:50 BHATTACHARYA J
 MEETS: JAN 10-MAY 6

AGRICULTURL ECON II ECON 642 3 CREDITS
 Prereq: 603
 2944005 1 TR 12:40-2:00 SCHROETER J
 MEETS: JAN 10-MAY 6

INTERNATIONAL TRADE ECON 655 3 CREDITS
 Prereq: 603
 3140005 1 MW 2:10-3:30 LAPAN H
 MEETS: JAN 10-MAY 6

ECONOMETRICS II ECON 672 4 CREDITS
 Prereq: 671
 3146005 1 MW 11:00-12:50 ZHYLYEVSKYY O
 F 11:00-12:50 ZHYLYEVSKYY O
 MEETS: JAN 10-MAY 6

ADVANCED TOPICS ECON 690 1- 5 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

THIRD-YEAR PAPER ECON 691 3 CREDITS
 Satisfactory-Fail Only.
 5334005 1 ARRANGED SCHROETER J
 MEETS: JAN 10-MAY 6

WORKSHOP ECON 693 1- 3 CREDITS
 Prereq: 6 GRADUATE CREDITS IN CHOSEN FIELD
 Satisfactory-Fail Only.
 8649005 1 ARRANGED SCHROETER J
 MEETS: JAN 10-MAY 6

RESEARCH ECON 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

PRIN EDUC LEADERSHP EDADM 541 3 CREDITS
 Prereq: TEACHER LICENSURE & INSTRUCTOR PERMISSION
 3210600 XA WS 8:00-9:15PM BOOK M
 MEETS: MARCH 9-APRIL 20
 Note: WEDNESDAY CLASSES WILL BE HELD FROM 5:30-9:15PM AND SATURDAY FROM 8:00 AM-4:00 PM.
 Section XA is off campus
 Course delivery is On-site instruction
 Secondary delivery is WWW
 Delivery fee \$50.00
 Taught at, in or by STORM LAKE

SUPV LEARNNG ENVIRON EDADM 551 3 CREDITS
 Prereq: 541
 3215600 XA WS 8:00-9:30PM WESTERMAN-BEATTY
 MEETS: JAN 19-MARCH 5
 Note: WEDNESDAY CLASSES WILL BE HELD FROM 5:30-9:30PM AND SATURDAY FROM 8:00 AM-5:00 PM.
 Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00
 Taught at, in or by MASON CITY

3215605 XB WS 8:00-9:30PM
 MEETS: JAN 12-MARCH 2
 Note: WEDNESDAY CLASSES WILL BE HELD FROM 5:30-9:30PM AND SATURDAY FROM 8:00 AM-5:00 PM.
 Section XB is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00
 Taught at, in or by OTTUMWA

SITE-LEVEL LEADRSHPE EDADM 552 3 CREDITS
 Prereq: 541
 3281600 XA WS 8:00-9:30PM RATIGAN G
 MEETS: MARCH 5-MAY 4
 Note: CLASS MEETS WEDNESDAYS FROM 5:30-9:30 PM AND SATURDAYS 8:00 AM-5:00 PM.
 Section XA is off campus
 Course delivery is On-site instruction
 Secondary delivery is WWW
 Delivery fee \$50.00
 Taught at, in or by ATLANTIC

EDUCATIONAL ADMINISTRATION (CONTINUED)

DIVRS LEARNNG NEEDS EDADM 558 3 CREDITS
 Prereq: 541
 3309600 XA WS 9:00-9:30PM MARSH T
 MEETS: JAN 12-MARCH 2
 Note: WEDNESDAY CLASSES WILL BE HELD FROM 5:30-9:30P
 AND SATURDAY FROM 9:00 AM-3:30 PM.
 Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00
 Taught at, in or by ANKENY

EDUCATN LAW& ETHICS EDADM 575 3 CREDITS
 Prereq: 541
 3216605 XV ARRANGED MCLEOD S
 MEETS: JAN 10-MAY 6
 Note: Section XV is off campus
 Course delivery is WWW
 Delivery fee \$50.00
 3216600 XW ARRANGED MCLEOD S
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

SPECIAL TOPICS EDADM 590 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP ELEM PRINCI EDADM 591A 1- 6 CREDITS
 Prereq: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL
 9422600 XA ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Section XA is off campus
 Course delivery is Independent study

FLD EXP SECOND PRIN EDADM 591B 1- 6 CREDITS
 Prereq: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL
 9423600 XA ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Section XA is off campus
 Course delivery is Independent study

CREATV COMPON DEVEL EDADM 599 1- 3 CREDITS
 Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

MAX HUMN&FINCE RESC EDADM 622X 3 CREDITS
 1381600 XA FS 8:00-4:00 WESTERMAN-BEATTY
 MEETS: JAN 15-APRIL 16
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00
 Taught at, in or by AMES

SYST ASST CULTR LRN EDADM 632X 3 CREDITS
 1380600 XA FS 8:00-4:00 BOOK M
 MEETS: JAN 22-APRIL 10
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00
 Taught at, in or by ANKENY

ADV SPECIAL TOPICS EDADM 690 1- 3 CREDITS
 Prereq: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP EDADM 691 1- 3 CREDITS
 Prereq: 541, ADMISSION TO PROGRAM, INSTR APPROVAL
 6849600 XA ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Section XA is off campus
 Course delivery is Independent study

DISSERTATN RESEARCH EDADM 699 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL LEADERSHIP & POLICY ST

SEM LAW,EQUITY,EQUA EL PS 615C 1 CREDIT
 Prereq: ADMISSION TO ED LEADERSHIP DOCTORAL PROG
 7711600 XA S 9:00-3:00 ROBINSON D
 MEETS: FEB 5-APRIL 2
 Note: EL PS 615C IS TAUGHT CONCURRENTLY WITH EL PS 615D
 Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00

SEM ETHICS,JUSTICE, EL PS 615D 1 CREDIT
 Prereq: ADMISSION TO ED LEADERSHIP DOCTORAL PROG
 7714600 XA S 9:00-3:00 ROBINSON D
 MEETS: FEB 5-APRIL 2
 Note: EL PS 615D IS TAUGHT CONCURRENTLY WITH EL PS 615C
 Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00

EDUCATIONAL LEADERSHIP & POLICY ST (CONTINUED)

SEM CRIT&CRTV THINK EL PS 615F 1 CREDIT
 Prereq: ADMISSION TO ED LEADERSHIP DOCTORAL PROG
 7716010 2 F 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: COURSE MEETS EVERY OTHER WEEK STARTING JAN 14TH.

CAPSTONE EXPERIENCE EL PS 616 3 CREDITS
 Prereq: 4 CREDITS OF 615
 ***** SEE DEPT FOR REFERENCE NUMBERS

PEDAGOGI OF DISSENT EL PS 621X 3 CREDITS
 Prereq: 620X
 8899005 T 2:10-5:00
 MEETS: JAN 10-MAY 6

ELECTRICAL ENGINEERING

PRO PROG ORIENTATN E E 166 R CREDIT
 Note: COURSE RESTRICTED TO E E AND CPR E MAJORS ONLY.
 DISCUSSIONS WILL MEET EVERY OTHER WEEK.
 2887005 A T 12:40-2:00
 MEETS: JAN 10-MAY 6
 2887010 B T 12:40-2:00
 MEETS: JAN 10-MAY 6
 2887015 C T 3:10-4:30
 MEETS: JAN 10-MAY 6
 2887020 D T 3:10-4:30
 MEETS: JAN 10-MAY 6

INTR EE&PROB SOLV I E E 185 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 142
 3880005 A MW 9:00-9:50
 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 3880010 B MW 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6

INTR EE&PROB SLV II E E 186 1 CREDIT
 Prereq: 185, PERMISSION OF THE INSTRUCTOR
 6239005 A R 10:00-11:50
 MEETS: JAN 10-MAY 6
 6239010 B R 12:10-2:00
 MEETS: JAN 10-MAY 6
 6239015 C R 2:10-4:00
 MEETS: JAN 10-MAY 6

ELECTRIC CIRCUITS E E 201 4 CREDITS
 Prereq: CR OR REGISTRATN IN MATH 267 AND PHYS 222
 Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 2120005 A MWF 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$60.00
 2120010 B MWF 10:00-10:50
 T 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$60.00
 2120015 C MWF 10:00-10:50
 W 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$60.00
 2120020 D MWF 10:00-10:50
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$60.00
 2120025 E MWF 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$60.00
 2120030 F MWF 10:00-10:50
 M 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$60.00

SIGNALS & SYSTEMS I E E 224 4 CREDITS
 Prereq: 201, MATH 267, PHYS 222
 5064005 A TR 4:10-5:30
 T 1:10-4:00
 MEETS: JAN 10-MAY 6
 5064010 B TR 4:10-5:30
 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 5064015 C TR 4:10-5:30
 F 12:10-3:00
 MEETS: JAN 10-MAY 6

ELECTRON CIRCTS&SYS E E 230 4 CREDITS
 Prereq: 201, MATH 267, PHYS 222
 4639005 A MWF 4:10-5:00
 M 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$50.00
 4639010 B MWF 4:10-5:00
 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$50.00
 4639015 C MWF 4:10-5:00
 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$50.00
 4639020 D MWF 4:10-5:00
 W 5:10-8:00PM
 MEETS: JAN 10-MAY 6

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRON CIRCTS&SYS E E 230 4 CREDITS
 Note: Materials fee \$50.00
 4639025 E MWF 4:10-5:00
 M 5:10-8:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$50.00

TRANSFER ORIENTATIO E E 261X R CREDIT
 Satisfactory-Fail Only
 9197005 T 11:00-11:50
 MEETS: JAN 10-MAY 6

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

ENRGY SYS&PWR ELTRN E E 303 3 CREDITS
 Prereq: MATH 267, PHYS 222; CREDIT OR REGISTRATN IN E E 224 AND 230
 Note: Available for nonmajor graduate credit
 3415005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

ELECTROMG FLD&WAVES E E 311 4 CREDITS
 Prereq: 201, MATH 265, PHYS 222, CREDIT OR REGISTRATION IN MATH 267
 Note: Available for nonmajor graduate credit
 2889005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

NON-ENGRS' ELECTMAG E E 314 3 CREDITS
 Prereq: PHYS 222, 112, OR EQUIVALENT
 Note: Available for nonmajor graduate credit
 8652005 MW 3:10-4:30
 MEETS: JAN 10-MAY 6

PROBAB MTH,ELEC ENG E E 322 3 CREDITS
 Prereq: 224
 3424005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

SIGNALS &SYSTEMS II E E 324 4 CREDITS
 Prereq: 224
 Note: Available for nonmajor graduate credit
 2192005 A MWF 2:10-3:00
 T 10:00-12:50
 MEETS: JAN 10-MAY 6

2192010 B MWF 2:10-3:00
 R 12:10-3:00
 MEETS: JAN 10-MAY 6

2192015 C MWF 2:10-3:00
 W 4:10-7:00PM
 MEETS: JAN 10-MAY 6

SYS BIOL FOR ENGINR E E 325 3 CREDITS
 Prereq: BIOC 202, MATH 267
 4779005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

ELECTRONICS II E E 331 4 CREDITS
 Prereq: 230, CPR E 288, E E 224 RECOMMENDED
 Note: CREDIT FOR EITHER CPR E/E E 330 OR E E 331, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3558005 A MWF 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 10-MAY 6

3558010 B MWF 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 10-MAY 6

3558015 C MWF 9:00-9:50
 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6

SEMICND MTRLS&DEVIC E E 332 3 CREDITS
 Prereq: PHYS 222. ADDITIONAL PREREQ FOR MAT E MAJORS: MAT E 334.
 Note: Available for nonmajor graduate credit
 2195005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

INTRO ENERGY SYSTEMS E E 351 3 CREDITS
 Note: Meets international perspectives reqmt
 8412005 MW 4:10-5:20
 MEETS: JAN 10-MAY 6

ENGR INTERNSHIP E E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC E E 398 R CREDIT
 Prereq: 298, PERMISSION OF DEPARTMENT AND ENGINEER CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTDISCIP PROB SOLV E E 408 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 5846005 A MW 9:00-11:50
 MEETS: JAN 10-MARCH 11

ELMAG RAD,ANTN,PRPG E E 417 4 CREDITS
 Prereq: 311
 Note: Available for nonmajor graduate credit
 2900005 A MWF 11:00-11:50
 W 8:00-10:50
 MEETS: JAN 10-MAY 6

2900010 B MWF 11:00-11:50
 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6

COMMUNICT SYSTEMS II E E 422 3 CREDITS
 Prereq: 421 AND ENROLLMENT IN 423
 Note: Available for nonmajor graduate credit
 2902005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

COMMUNIC SYSTEMS LAB E E 423 1 CREDIT
 Prereq: 421, ENROLLMENT IN 422
 Note: Available for nonmajor graduate credit
 2903005 A T 6:10-9:00PM
 MEETS: JAN 10-MAY 6

Note: Materials fee \$45.00
 2903010 B R 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$45.00

MICROELEC FABRICATN E E 432 4 CREDITS
 Prereq: PHYS 222, MATH 267. E E 332 OR MAT E 334 RECOMMENDED.
 Note: Available for nonmajor graduate credit
 9222005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$300.00

ANLOG VLSI CIRC DSN E E 435 4 CREDITS
 Prereq: 324, 330, 332, AND E E 322 OR STAT 330
 Note: Available for nonmajor graduate credit
 2906005 A MWF 10:00-10:50
 W 11:00-2:00
 MEETS: JAN 10-MAY 6

2906010 B MWF 10:00-10:50
 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6

2906015 C MWF 10:00-10:50
 F 11:00-2:00
 MEETS: JAN 10-MAY 6

OPTOELECTN DEVC&APP E E 438 3 CREDITS
 Prereq: 311, 332
 Note: Available for nonmajor graduate credit
 7182005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

INTR CIRCUIT&INSTRM E E 442 2 CREDITS
 Prereq: PHYS 222, MATH 267
 Note: COURSE RESTRICTED TO ENGR & PHYS MAJORS OTHER THAN E E AND CPR E. CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR E E 442 MAY NOT BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E.
 Available for nonmajor graduate credit
 4723005 A MW 3:40-5:00
 T 8:00-9:50
 MEETS: JAN 10-MARCH 4

4723010 B MW 3:40-5:00
 R 8:00-9:50
 MEETS: JAN 10-MARCH 4

4723015 C MW 3:40-5:00
 R 4:10-6:00PM
 MEETS: JAN 10-MARCH 4

4723020 D MW 3:40-5:00
 R 6:10-8:00PM
 MEETS: JAN 10-MARCH 4

4723025 E MW 3:40-5:00
 F 8:00-9:50
 MEETS: JAN 10-MARCH 4

4723030 F MW 3:40-5:00
 F 10:00-11:50
 MEETS: JAN 10-MARCH 4

4723035 G MW 3:40-5:00
 R 10:00-11:50
 MEETS: JAN 10-MARCH 4

INTRO AC CIRC&MOTOR E E 448 2 CREDITS
 Prereq: 303 OR 441 OR 442
 Note: CREDIT FOR E E 448 MAY NOT BE APPLIED TOWARD A DEGREE IN EITHER E E OR CPR E.
 Available for nonmajor graduate credit
 4775005 A MW 3:40-5:00
 T 8:00-9:50
 MEETS: MARCH 7-MAY 6

4775010 B MW 3:40-5:00
 R 8:00-9:50
 MEETS: MARCH 7-MAY 6

4775015 C MW 3:40-5:00
 R 4:10-6:00PM
 MEETS: MARCH 7-MAY 6

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

INTRO AC CIRC&MOTOR E E 448 2 CREDITS
 4775020 D MW 3:40-5:00
 R 6:10-8:00PM
 MEETS: MARCH 7-MAY 6

4775025 E MW 3:40-5:00
 F 8:00-9:50
 MEETS: MARCH 7-MAY 6

4775030 F MW 3:40-5:00
 F 10:00-11:50
 MEETS: MARCH 7-MAY 6

4775035 G MW 3:40-5:00
 F 2:10-4:00
 MEETS: MARCH 7-MAY 6

4775040 J MW 3:40-5:00
 W 6:10-8:00PM
 MEETS: MARCH 7-MAY 6

ENGINEERG ACOUSTICS E E 451 3 CREDITS
 Prereq: PHYS 221 AND MATH 266 OR 267
 Note: Available for nonmajor graduate credit

8380005 1 MWF 3:10-4:00
 W 1:10-3:00
 MEETS: JAN 10-MAY 6

8380010 2 MWF 3:10-4:00
 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

ELECTRI MACHIN&DRIV E E 452 3 CREDITS
 Prereq: 303; 330 OR 332; CR OR REGISTRATN IN 324
 Note: Available for nonmajor graduate credit

2893005 A TR 11:00-11:50
 T 4:10-7:00PM
 MEETS: JAN 10-MAY 6

2893010 B TR 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 10-MAY 6

2893015 C TR 11:00-11:50
 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6

INTRO ENRG DIST SYS E E 455 3 CREDITS
 Prereq: 303, CREDIT OR REGISTRATION IN 324
 Note: Available for nonmajor graduate credit

6595005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

POWER SYST ANALY II E E 457 3 CREDITS
 Prereq: 303, CREDIT OR REGISTRATION IN 324
 Note: Available for nonmajor graduate credit

2913005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

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

1900005 A T 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

MLTDISC ENGR DSN II E E 467X 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATION OR RECEIVE PERMISSION OF INSTRUCTOR

9035005 R 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

CONTROL SYS SIMULAT E E 476 3 CREDITS
 Prereq: 475
 Note: Available for nonmajor graduate credit

2915005 MW 4:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY E E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E E 490H VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO E E 491 3 CREDITS
 Prereq: 308 OR E E 322, COMPLETION OF 24 CREDITS
 IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS
 IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND ABOVE
 Instructor permission required 1st week.

7230005 T 2:10-4:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$55.00

SR DESIGN PROJ II E E 492 2 CREDITS
 Prereq: 491
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND ABOVE

9515005 R 2:10-3:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$55.00

PORTFOLIO ASSESSMNT E E 494 R CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 491
 Note: COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND ABOVE

7347005 A W 2:10-3:00
 MEETS: JAN 10-MAY 6

7347010 B W 1:10-2:00
 MEETS: JAN 10-MAY 6

7347015 C R 3:10-4:00
 MEETS: JAN 10-MAY 6

7347020 D R 4:10-5:00
 MEETS: JAN 10-MAY 6

MODERN OPTICS E E 496 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN PHYS 322 AND 365
 Note: Available for nonmajor graduate credit

5322005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

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

DATA CONVR CIRCUITS E E 505 4 CREDITS
 Prereq: 501

3362005 A TR 11:00-12:20
 ARRANGED
 MEETS: JAN 10-MAY 6

DSN CMOS PHS-L LOOP E E 506X 4 CREDITS
 Prereq: 435, 501, INSTRUCTOR APPROVAL

9160005 A MWF 2:10-3:00
 T 1:10-4:00
 MEETS: JAN 10-MAY 6

9160010 B MWF 2:10-3:00
 T 4:10-7:00PM
 MEETS: JAN 10-MAY 6

9160015 C MWF 2:10-3:00
 F 8:00-10:50
 MEETS: JAN 10-MAY 6

VLSI COMMUNIC CIRCT E E 507 4 CREDITS
 Prereq: 330 OR 501

3516005 MWF 2:10-3:00
 ARRANGED
 MEETS: JAN 10-MAY 6

TOPICS ELECTROMAGNT E E 510 3 CREDITS
 2929005 A ARRANGED
 MEETS: JAN 10-MAY 6

MODERN OPTICAL COMM E E 511 3 CREDITS
 Prereq: 311

2930005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

ADV ELECMAG THRY II E E 513 3 CREDITS
 Prereq: 512

2934005 A TR 2:00-3:30
 MEETS: JAN 10-MAY 6

COMP METHDS ELMAGNT E E 516 3 CREDITS
 Prereq: 311

5261005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

ELMAGNETC RAD,ANTEN E E 517 4 CREDITS
 Prereq: 311

4808005 A MWF 11:00-11:50
 W 8:00-10:50
 MEETS: JAN 10-MAY 6

4808010 B MWF 11:00-11:50
 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6

TOPICS IN COMMUNICS E E 520 3 CREDITS
 7695005 ARRANGED
 MEETS: JAN 10-MAY 6

7695600 XE ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Cmptr reqmt: <http://www.ede.iastate.edu/support/help-central.html>

KIM S

ELECTRICAL ENGINEERING (CONTINUED)

ELECTRICAL ENGINEERING (CONTINUED)

RANM PROC COMM&SIG E E 523 3 CREDITS
 Prereq: 322, MATH 317
 7358005 TR 4:10-6:30PM
 MEETS: JAN 10-MAY 6

DETECT&ESTIM THEORY E E 527 3 CREDITS
 Prereq: 422
 2940005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 2940600 XE ARRANGED DOGANDZIC A
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 2:10-3:30 PM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: [http://www.ede.iastate.edu](http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc)
 /online-spring-courses-2011/view-all-produc
 Cmptr reqmt: [http://www.ede.iastate.edu/support](http://www.ede.iastate.edu/support/computer-requirements/hardware.htm)
 /computer-requirements/hardware.htm

TOPICS EL,MICR,PHOT E E 530 3 CREDITS
 Prereq: 332
 9526005 ARRANGED
 MEETS: JAN 10-MAY 6

MICROEL FABRIC TCHQ E E 532 4 CREDITS
 Prereq: PHYS 222, MATH 265. EE 332 OR MAT E 331
 RECOMMENDED
 8880005 MW 12:10-1:00
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$300.00

PHYS SEMICONV DEVIC E E 536 3 CREDITS
 Prereq: 535
 2942005 MW 5:40-7:00PM
 MEETS: JAN 10-MAY 6

OPTOELE DEVICES&APP E E 538 3 CREDITS
 Prereq: 311 OR 332
 3517005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

PATTERN RECOGNITION E E 547 3 CREDITS
 Prereq: 324
 8882005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

STEADY STATE ANALYS E E 553 3 CREDITS
 Prereq: 456,457
 8879005 MW 3:40-5:00
 MEETS: JAN 10-MAY 6

RANDOM SIGNAL&KALMN E E 573 3 CREDITS
 Prereq: 324 OR AER E 331 OR M E 370 OR 411
 OR MATH 341 OR 395
 8185005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

OPTIMAL CONTROL E E 574 3 CREDITS
 Prereq: 577
 2952005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

INTRO ROBUST CNTRL E E 575 3 CREDITS
 Prereq: 577
 2214005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

DIGIT FEEDBCK CNTRL E E 576 3 CREDITS
 Prereq: 475 OR AER E 432 OR M E 411 OR 415; AND
 MATH 267
 2953005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

NONLINEAR SYSTEMS E E 578 3 CREDITS
 Prereq: 577
 2955005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

SPL TOP ELECMAG THY E E 590A 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONTROL SYS E E 590B 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN SYS E E 590C 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPTR ENGR E E 590E 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS E E 590G 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR E E 590H 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SIGNAL PROCS E E 590I 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ELECTRONICS E E 591 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2011
 1920005 A ARRANGED
 MEETS: JAN 10-MAY 6

SEMN ELECTRIC POWER E E 594 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2011.
 2964005 T 1:10-2:00
 MEETS: JAN 10-MAY 6

SEMN CONTROL SYSTMS E E 596 1- 3 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2011
 2973005 M 4:10-5:00
 MEETS: JAN 10-MAY 6

SEM COMM&SIGNAL PROC E E 597 1 CREDIT
 Note: COURSE RESTRICTED TO E CPE MAJORS ONLY.
 Satisfactory-Fail Only.
 7542005 A ARRANGED
 MEETS: JAN 10-MAY 6

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

INFORMATION THEORY E E 622 3 CREDITS
 Prereq: 521,523
 2776005 MW 4:10-5:30
 MEETS: JAN 10-MAY 6
 Cmptr reqmt: [http://www.ede.iastate.edu/support](http://www.ede.iastate.edu/support/computer-requirements/hardware.htm)
 /computer-requirements/hardware.htm

ADV TOP ELE PWR SYS E E 653 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2981005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

ENGINEERG INTERNSHP E E 697 R CREDIT
 Prereq: PERMISSION OF DEPT CHAIR AND ENGINEERING
 CAREER SERVICES, GRADUATE CLASSIFICATION
 Note: COURSE REQUIRES PERMISSION OF THE MANAGER OF
 STUDENT SERVICES.
 Satisfactory-Fail Only.
 5716005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

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

ENGINEERING

ENGINEERING ORIENTN ENGR 101 R CREDIT
 Satisfactory-Fail Only.
 3788005 A T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Cmptr reqmt: [http://www.ede.iastate.edu/support](http://www.ede.iastate.edu/support/computer-requirements/hardware.htm)
 /computer-requirements/hardware.htm

3788010 B R 11:00-11:50
 MEETS: JAN 10-MAY 6

LEAD PROGRAM SEMINAR ENGR 105 1 CREDIT
 Satisfactory-Fail Only.
 6866005 F 1:10-3:00
 MEETS: JAN 10-MAY 6

E2020 SCHLRS SEMINR ENGR 110X 1 CREDIT
 Prereq: ENROLLMENT IN E2020 SCHOLARS PROGRAM;
 FRESHMAN, SOPHOMORE OR JUNIOR STATUS
 2667005 A W 4:30-5:20, ARRANGED
 MEETS: JAN 10-MAY 6

LEARNING COMM SEMNR ENGR 131 R CREDIT
 Satisfactory-Fail Only.
 7845005 A T 10:00-10:50
 MEETS: JAN 10-MAY 6
 7845010 B R 10:00-10:50
 MEETS: JAN 10-MAY 6

FOUND LEADR DV&LRNG ENGR 150 1 CREDIT
 Prereq: FOR ELP STUDENTS ONLY
 Satisfactory-Fail Only.
 8147005 T 3:10-4:00
 MEETS: JAN 10-MAY 6

ENGR PROB & CPR LAB ENGR 160 3 CREDITS
 Prereq: SATISFACTORY SCORES ON MATH PLACEMENT
 EXAMS; CREDIT OR ENROLLMENT IN MATH 142, 165
 Note: SECT A1,B1 ETC. RESTRICTED TO A E, C E, CH E,
 CON E, CPR E, E E, ENGR, ENGRS, I E, M E, MAT E
 AND S E MAJORS.
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 2946005 A MW 8:00-9:50
 MEETS: JAN 10-MAY 6
 2946010 B MW 10:00-11:50
 MEETS: JAN 10-MAY 6

ENGINEERING

(CONTINUED)

ENGR PROB & CPR LAB ENGR 160 3 CREDITS
 2946015 C MW 12:10-2:00
 MEETS: JAN 10-MAY 6
 2946020 D MW 2:10-4:00
 MEETS: JAN 10-MAY 6
 2946025 E TR 8:00-9:50
 MEETS: JAN 10-MAY 6
 2946030 F TR 10:00-11:50
 MEETS: JAN 10-MAY 6
 2946035 G TR 12:10-2:00
 MEETS: JAN 10-MAY 6
 2946040 J TR 2:10-4:00
 MEETS: JAN 10-MAY 6
 2946045 K MW 10:00-11:50
 MEETS: JAN 10-MAY 6

INT'L EXPRNC REPORT ENGR 320 3 CREDITS
 Prereq: SATISFACTORY COMPLETION OF INTERNATIONAL
 WORK EXPERIENCE OF AT LEAST 10 WEEKS OR 9 CREDITS OF
 APPROVED COURSE WORK TAKEN ABROAD
 Note: Meets international perspectives reqmt
 Satisfactory-Fail Only.
 7283005 ARRANGED
 MEETS: JAN 10-MAY 6

DEANS LDSHP SEMINAR ENGR 350X 1 CREDIT
 Prereq: APPLICATION AND SELECTION PROCESS
 Satisfactory-Fail Only.
 2594005 R 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

PROFSSNL INTERNSHIP ENGR 397 R CREDIT
 Prereq: PERMISSION OF ADVISER AND ENGINEERING
 COLLEGE CLASSIFICATION OFFICER
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MULTIDISC ENGR DSGN ENGR 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 8893005 A T 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

MLTDISC ENGR DSN II ENGR 467X 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATION OR RECEIVE PERMISSION OF INSTRUCTOR
 9030005 R 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

ENGINEERING MECHANICS

STATICS OF ENGINEER E M 274 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 166;
 CREDIT OR ENROLLMENT IN PHYS 111 OR 221
 Note: COURSE RESTRICTED TO COLLEGE OF ENGR SOPHS &
 ABOVE. HONORS STUDENTS MUST REGISTER FOR E M 274H.
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 3004005 1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 3004010 2 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 3004015 3 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6
 3004020 4 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

HONORS ENGR STATICS E M 274H 3 CREDITS
 Prereq: CREDIT OR ENROLLMT IN MATH 166; CR OR ENR
 IN PHYS 111 OR 221; MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO HONORS STUDENTS IN ENGR.
 6086005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

MECHAN OF MATERIALS E M 324 3 CREDITS
 Prereq: 274
 Note: COURSE RESTRICTED TO ENGR SOPH AND ABOVE.
 Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 3007005 1 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 3007010 2 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 3007015 3 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 3007020 4 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 3007040 5 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 3007045 6 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

ENGINEERING MECHANICS

(CONTINUED)

HONORS MECH OF MTRL E M 324H 3 CREDITS
 Prereq: 274, MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO HONORS STUDENTS IN ENGR.
 Available for nonmajor graduate credit
 7425005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

MECH OF MATERLS LAB E M 327 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 324
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
 ABOVE.
 Available for nonmajor graduate credit
 3008005 1 T 8:00-9:50
 MEETS: JAN 10-MAY 6
 3008010 2 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 3008015 3 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 3008020 4 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 3008025 5 W 8:00-9:50
 MEETS: JAN 10-MAY 6
 3008030 6 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 3008035 7 T 1:10-3:00
 MEETS: JAN 10-MAY 6
 3008040 8 R 1:10-3:00
 MEETS: JAN 10-MAY 6
 3008045 9 T 3:10-5:00
 MEETS: JAN 10-MAY 6
 3008050 10 R 3:10-5:00
 MEETS: JAN 10-MAY 6
 3008055 11 W 1:10-3:00
 MEETS: JAN 10-MAY 6
 3008060 12 W 3:10-5:00
 MEETS: JAN 10-MAY 6

DYNAMICS E M 345 3 CREDITS
 Prereq: 274, CR OR ENROLLMENT IN MATH 266 OR 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
 ABOVE.
 Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 3010005 1 MWF 8:00-8:50
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 3010010 2 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 10-MAY 6
 3010015 3 MWF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 10-MAY 6
 3010020 4 MWF 8:00-8:50
 R 12:10-1:00
 MEETS: JAN 10-MAY 6
 3010025 5 MWF 8:00-8:50
 T 1:10-2:00
 MEETS: JAN 10-MAY 6
 3010030 6 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 10-MAY 6
 3010035 7 MWF 12:10-1:00
 T 2:10-3:00
 MEETS: JAN 10-MAY 6
 3010040 8 MWF 8:00-8:50
 R 2:10-3:00
 MEETS: JAN 10-MAY 6
 3010045 9 MWF 8:00-8:50
 T 3:10-4:00
 MEETS: JAN 10-MAY 6
 3010050 10 MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 10-MAY 6

HONORS DYNAMICS E M 345H 3 CREDITS
 Prereq: 274 OR 301, CR/ENROLLMT IN MATH 266 OR 267
 MEMBER OF UNIVERSITY HONORS PROGRAM
 Note: Available for nonmajor graduate credit
 7548005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

INTRO NONDESTR EVAL E M 350 3 CREDITS
 Prereq: 324, MATH 266, PHYS 222
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
 ABOVE.
 Available for nonmajor graduate credit
 1355005 1 TR 4:10-5:30
 MEETS: JAN 10-MAY 6

PRIN NONDESTRC TEST E M 362 3 CREDITS
 Prereq: PHYS 112 OR 222
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND
 ABOVE.
 Available for nonmajor graduate credit
 3011005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 3011600 XE ARRANGED BOWLER N
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 12:10-1 PM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>

ENGINEERING MECHANICS (CONTINUED)

ENGINEERING MECHANICS (CONTINUED)

PRIN NONDESTRUC TEST E M 362 3 CREDITS
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

NONDESTRUC TEST LAB E M 362L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 362
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit

3012005 A M 3:10-6:00PM
 MEETS: JAN 10-MAY 6

3012010 B T 3:10-6:00PM
 MEETS: JAN 10-MAY 6

MECHANICS OF FLUIDS E M 378 3 CREDITS
 Prereq: 274
 Note: LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB IS HELD. COURSE RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.

3013005 1 MWF 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 10-MAY 6

3013010 2 MWF 10:00-10:50
 R 10:00-11:50
 MEETS: JAN 10-MAY 6

3013015 3 MWF 10:00-10:50
 W 11:00-1:00
 MEETS: JAN 10-MAY 6

3013020 4 MWF 10:00-10:50
 T 1:10-3:00
 MEETS: JAN 10-MAY 6

3013025 5 MWF 9:00-9:50
 R 3:10-5:00
 MEETS: JAN 10-MAY 6

3013030 6 MWF 9:00-9:50
 T 10:00-11:50
 MEETS: JAN 10-MAY 6

3013035 7 MWF 9:00-9:50
 T 3:10-5:00
 MEETS: JAN 10-MAY 6

3013040 8 MWF 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6

3013045 9 MWF 9:00-9:50
 R 1:10-3:00
 MEETS: JAN 10-MAY 6

3013050 10 MWF 10:00-10:50
 W 3:10-5:00
 MEETS: JAN 10-MAY 6

INTMED MECH MATERLS E M 424 3 CREDITS
 Prereq: 324
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit

3018005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

INTR FIN ELEM METHD E M 425 3 CREDITS
 Prereq: 324, MATH 266 OR MATH 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE.
 Available for nonmajor graduate credit

3019005 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

ENGINEERG ACOUSTICS E M 451 3 CREDITS
 Prereq: PHYS 221 AND MATH 266 OR 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE. LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB IS HELD.
 Available for nonmajor graduate credit

3021005 1 MWF 3:10-4:00
 W 1:10-3:00
 MEETS: JAN 10-MAY 6

3021010 2 MWF 3:10-4:00
 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY E M 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E M 490H VAR. CREDITS
 Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECH DEFORMBL SOLID E M 516 3 CREDITS
 Prereq: 510

3029005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

EXPERIMNTL MECHANCS E M 517 4 CREDITS
 Prereq: 510 OR 514 OR 516
 3030005 TR 9:30-10:50
 ARRANGED
 MEETS: JAN 10-MAY 6

INTR RANDM VIB&NONL E M 543 3 CREDITS
 Prereq: 444

2798005 ARRANGED
 MEETS: JAN 10-MAY 6

FUND NONDESTRU EVAL E M 550 4 CREDITS
 Prereq: 324, MATH 385

8108005 MWF 10:00-10:50
 T 9:00-10:50
 MEETS: JAN 10-MAY 6

SPL TOPC THIN FILMS E M 590H 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CELULR MDIA E M 590I 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 590J 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT E M 599 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV EXP MTH E M 690N 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV WAV PROP E M 690O 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV MATERLS E M 690P 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV COMP MTH E M 690Q 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RELIAB&FAIL E M 690R 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 690S 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP E M 697 R CREDIT
 Prereq: PERMISSION OF DOGE, GRAD CLASSIFICATION
 Satisfactory-Fail Only.

8134005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: College permission required.

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

ENGINEERING STUDIES

ENGNR:THOT TO THING E ST 260 3 CREDITS
 5528005 MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 10-MAY 6

SURVEY ENGR IMPACTS E ST 265 3 CREDITS
 5564005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

SURV HOW THINGS WRK E ST 270 3 CREDITS
 7455005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

INTRO ENERGY SYSTMS E ST 351 3 CREDITS
 Note: Meets international perspectives reqmt

8411005 MW 4:10-5:20
 MEETS: JAN 10-MAY 6

ENGINEERING STUDIES (CONTINUED)

INDEPENDENT STUDY E ST 490 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7483005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: College permission required.

ENGLISH

INTENSIVE ENGLISH ENGL 10 0 CREDITS
 Prereq: RECOMMENDATION OF THE ENGLISH DEPT
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CREDITS
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CREDITS
 Note: Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NONNATIVE LISTENING ENGL 99L 0 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT
 IN SECTIONS DETERMINED BY EXAMINATION
 Note: DEVELOPMENTAL ENGL 99L FEE APPLIES. SEE
 TUITION AND FEES WEBSITE FOR MORE INFORMATION ON
 THE FEE.
 7774005 1 MW 11:00-11:50
 MEETS: JAN 10-MAY 6
 7774010 2 MW 2:10-3:00
 MEETS: JAN 10-MAY 6
 7774015 3 TR 3:40-4:30
 MEETS: JAN 10-MAY 6

NONNATIVE READING ENGL 99R 0 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT
 IN SECTIONS DETERMINED BY EXAMINATION
 Note: DEVELOPMENTAL ENGL 99R FEE APPLIES. SEE
 TUITION AND FEES WEBSITE FOR MORE INFORMATION ON
 THE FEE.
 7877005 1 M 12:10-2:00
 MEETS: JAN 10-MARCH 4
 7877010 2 W 12:10-2:00
 MEETS: JAN 10-MARCH 4
 7877015 3 T 12:40-2:30
 MEETS: JAN 10-MARCH 4

ENGLISH NONNATIVE I ENGL 101B 3 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 Note: ENGL 101B DOES NOT APPLY TOWARD GRADUATION.
 3294005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 3294010 2 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 3294015 3 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

ENGLISH NONNATIVE II ENGL 101C 3 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION.
 3295005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 3295010 2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 3295015 3 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 3295020 4 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 3295025 5 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 3295030 6 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 3295035 7 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

ENGLISH NONNATIVE II ENGL 101D 3 CREDITS
 Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN
 VARIOUS SECTIONS DETERMINED BY EXAMINATION
 Note: ENGL 101D DOES NOT APPLY TOWARD GRADUATION.
 3296005 1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 3296010 2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 3296015 3 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 3296020 4 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN LIB 160
 Note: EVERY SECTION MEETS IN A COMPUTER WRITING LAB
 ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A
 TRADITIONAL CLASSROOM.
 3298005 FA T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: SEC. FA MEETS THURSDAYS IN FRILEY HALL COMPUTER
 LAB

ENGLISH (CONTINUED)

CRITCL THINK&CMUNIC ENGL 150 3 CREDITS
 3298010 FB T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. FB MEETS THURSDAYS IN FRILEY HALL COMPUTER
 LAB

3298055 MB T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC. MB MEETS THURSDAYS IN MAPLE-WILLOW
 LARCH COMPUTER LAB

3298060 MC T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. MC MEETS THURSDAYS IN MAPLE-WILLOW
 LARCH COMPUTER LAB

3298200 TA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: SEC. TA MEETS MONDAY IN ROSS HALL COMPUTER LAB

3298205 TB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: SEC. TB MEETS MONDAY IN ROSS HALL COMPUTER LAB

3298235 TG MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: SEC. TG MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB

3298240 TH MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: SEC. TH MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB

3298285 TT WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: SEC. TT MEETS MONDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. US
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. TV.

3298290 TV WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: SEC. TV MEETS MONDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. TT. FOR
 PERMISSN STUDENTS MUST GO TO DEANNA STUMBO, 403 ROSS
 Department permission required.

3298295 TW WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. TW MEETS MONDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. MEETS
 JOINTLY WITH SECTION TX.

3298300 TX WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. TX MEETS MONDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. TW. FOR
 PERMISSN STUDENTS MUST GO TO DEANNA STUMBO, 403 ROSS
 Department permission required.

3298400 VA T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC. VA MEETS THURSDAYS IN ROSS HALL COMPUTER
 LAB

3298405 VB T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC. VB MEETS THURSDAYS IN ROSS HALL COMPUTER
 LAB

SPEAKG FOR INT'L TA ENGL 180A 3 CREDITS
 Prereq: NO MORE THAN ONE SECTION OF 180 MAY BE
 TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
 Note: ENGL 180A DOES NOT APPLY TOWARD GRADUATION.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
 IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
 Satisfactory-Fail Only.

3579005 1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

ADV SPEAKG INT'L TA ENGL 180C 3 CREDITS
 Prereq: NO MORE THAN ONE SECTION OF 180 MAY BE
 TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
 Note: ENGL 180C DOES NOT APPLY TOWARD GRADUATION.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
 IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
 Satisfactory-Fail Only.

3585005 1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

PRESNTATNS INT'L TA ENGL 180D 3 CREDITS
 Prereq: NO MORE THAN ONE SECTION OF 180 MAY BE
 TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
 Note: ENGL 180D DOES NOT APPLY TOWARD GRADUATION.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
 IN SPEAK/TEACH OFFICE, 1116 PEARSON HALL.
 Satisfactory-Fail Only.

3593005 1 TR 3:10-4:30
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

3593010 2 MW 3:10-4:30
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

ENGLISH

(CONTINUED)

INTRO STUDY ENGLISH ENGL 199 R CREDIT
 Note: PLEASE SEE ADVISOR FOR MORE INFORMATION.
 COURSE RESTRICTED TO ENGL AND TCOMM MAJORS ONLY.
 Satisfactory-Fail Only.
 3302005 A ARRANGED
 MEETS: JAN 10-MARCH 4

INTRO CREATIVE WRIT ENGL 207 3 CREDITS
 Prereq: CREDIT IN OR EXEMPTION FROM 150
 7369005 A MW 2:10-3:00
 F 1:10-2:00
 MEETS: JAN 10-MAY 6

7369010 B MW 2:10-3:00
 F 1:10-2:00
 MEETS: JAN 10-MAY 6

7369015 C MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

7369020 D MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

7369025 E MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

7369030 F MW 2:10-3:00
 F 3:10-4:00
 MEETS: JAN 10-MAY 6

7369035 G MW 2:10-3:00
 F 3:10-4:00
 MEETS: JAN 10-MAY 6

INTRO LINGUISTICS ENGL 219 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPH AND ABOVE.
 3307005 A MW 1:10-2:00
 F 10:00-10:50
 MEETS: JAN 10-MAY 6

3307010 B MW 1:10-2:00
 F 11:00-11:50
 MEETS: JAN 10-MAY 6

3307015 C MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 10-MAY 6

3307020 D MW 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

DESCRP ENGL GRAMMAR ENGL 220 3 CREDITS
 Prereq: 250
 3308005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6

3308010 B MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

BRIT LIT SINCE 1800 ENGL 226 3 CREDITS
 Prereq: 250
 5351005 A1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY

5351010 A2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

AMERICN LIT TO 1865 ENGL 227 3 CREDITS
 Prereq: 250
 Note: SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 SEC A2,B2 FOR MAJORS OTHER THAN ENGL, TCOMM

5356005 A1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

5356010 A2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 Prereq: 150 OR EXEMPTION FROM 150; CREDIT FOR OR
 CONCURRENT ENROLLMENT IN LIB 160
 Note: EVERY SECTION MEETS IN A COMPUTER WRITING LAB
 ONE DAY PER WEEK. THE OTHER MEETING(S) WILL BE IN A
 TRADITIONAL CLASSROOM. PREREQ ENFORCED.
 3299000 FA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 10-MAY 6

Note: SEC. FA MEETS MONDAY IN FRILEY HALL COMPUTER ROOM

3299005 FB MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 10-MAY 6

Note: SEC. FB MEETS WEDNESDAY IN FRILEY HALL COMPUTER ROOM

3299010 FC WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 10-MAY 6

Note: SEC. FC MEETS MONDAY IN FRILEY HALL COMPUTER ROOM

3299015 FD MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 10-MAY 6

Note: SEC. FD MEETS WEDNESDAY IN FRILEY HALL COMPUTER ROOM

3299020 FE WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 10-MAY 6

Note: SEC. FE MEETS MONDAY IN FRILEY HALL COMPUTER ROOM

3299025 FF MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 10-MAY 6

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 Note: SEC. FF MEETS WEDNESDAY IN FRILEY HALL COMPUTER ROOM.
 3299030 FG WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 10-MAY 6

Note: SEC. FG MEETS MONDAY IN FRILEY HALL COMPUTER ROOM

3299035 FH MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 10-MAY 6

Note: SEC. FH MEETS WEDNESDAY IN FRILEY HALL COMPUTER ROOM

3299040 FJ MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 10-MAY 6

Note: SEC. FJ MEETS WEDNESDAY IN FRILEY HALL COMPUTER ROOM

3299045 FK MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 10-MAY 6

Note: SEC. FK MEETS WEDNESDAY IN FRILEY HALL COMPUTER ROOM

3299050 FL T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 10-MAY 6

Note: SEC. FL MEETS THURSDAY IN FRILEY HALL COMPUTER ROOM

3299055 FM T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 10-MAY 6

Note: SEC. FM MEETS THURSDAY IN FRILEY HALL COMPUTER ROOM

3299060 FN R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 10-MAY 6

Note: SEC. FN MEETS TUESDAY IN FRILEY HALL COMPUTER ROOM

3299065 FP R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 10-MAY 6

Note: SEC. FP MEETS TUESDAY IN FRILEY HALL COMPUTER ROOM

3299070 FQ R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 10-MAY 6

Note: SEC. FQ MEETS TUESDAY IN FRILEY HALL COMPUTER ROOM

3299075 FR R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 10-MAY 6

Note: SEC. FR MEETS TUESDAY IN FRILEY HALL COMPUTER ROOM

3299080 FS R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 10-MAY 6

Note: SEC. FS MEETS TUESDAY IN FRILEY HALL COMPUTE ROOM

3299100 HA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 10-MAY 6

Note: SEC. HA MEETS MONDAY IN HELSER HALL COMPUTER ROOM

3299105 HB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 10-MAY 6

Note: SEC. HB MEETS MONDAY IN HELSER HALL COMPUTER ROOM

3299110 HC MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 10-MAY 6

Note: SEC. HC MEETS WEDNESDAY IN HELSER HALL COMPUTER ROOM

3299115 HD MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 10-MAY 6

Note: SEC. HD MEETS WEDNESDAY IN HELSER HALL COMPUTER ROOM

3299120 HE WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 10-MAY 6

Note: SEC. HE MEETS MONDAY IN HELSER HALL COMPUTER ROOM

3299125 HF WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 10-MAY 6

Note: SEC. HF MEETS MONDAY IN HELSER HALL COMPUTER ROOM

3299130 HG WF 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC. HG MEETS MONDAY IN HELSER HALL COMPUTER ROOM

3299135 HH MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC. HH MEETS WEDNESDAY IN HELSER HALL COMPUTER ROOM

3299140 HJ WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 10-MAY 6

Note: SEC. HJ MEETS MONDAY IN HELSER HALL COMPUTER ROOM

3299145 HK MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 10-MAY 6

Note: SEC. HK MEETS WEDNESDAY HELSER HALL COMPUTER ROOM

ENGLISH (CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 ROOM
 3299150 HL T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. HL MEETS THURSDAY IN HELSER HALL COMPUTER ROOM
 3299155 HM R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: SEC. HM MEETS TUESDAY IN HELSER HALL COMPUTER ROOM
 3299160 HN R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. HN MEETS TUESDAY IN HELSER HALL COMPUTER ROOM
 3299165 HP R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC. HP MEETS TUESDAY IN HELSER HALL COMPUTER ROOM
 3299170 HQ R 3:40-5:00
 T 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC. HQ MEETS TUESDAY IN HELSER HALL COMPUTER ROOM
 3299175 HR T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. HR MEETS THURSDAY IN HELSER HALL COMPUTER ROOM
 3299180 HS T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC. HS MEETS THURSDAY IN HELSER HALL COMPUTER ROOM.
 3299200 LA R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC. LA MEETS TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299205 LB R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. LB MEETS TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299210 LC MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: SEC. LC MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299215 LD MF 9:00-9:50
 W 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: SEC. LD MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299220 LE WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: SEC. LE MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299225 LF MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: SEC. LF MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299230 LG WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. LG MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299235 LH MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. LH MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299240 LJ MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: SEC. LJ MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299245 LK MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC. LK MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299250 LL T 8:00-9:20
 R 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: SEC. LL MEETS THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299255 LM T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. LM MEETS THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299260 LN T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC. LN MEETS THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299265 LP T 12:40-2:00
 R 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. LP MEETS THURSDAY IN MAPLE-WILLOW-LARCH

ENGLISH (CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 COMMONS COMPUTER ROOM
 3299270 LQ WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. LQ MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
 3299275 LR WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC. LR MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299300 MA WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: SEC. MA MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
 3299305 MB WF 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. MB MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
 3299310 MC MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. MC MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299315 MD WF 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC. MD MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299320 ME MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC. ME MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
 3299325 MF WF 12:10-1:00
 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: SEC. MF MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
 3299330 MG MF 1:10-2:00
 W 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. MG MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM.
 3299335 MH MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: SEC. MH MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299340 MJ MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: SEC. MJ MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299345 MK MF 4:10-5:00
 W 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC. MK MEETS WEDNESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299350 ML R 8:00-9:20
 T 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: SEC. ML MEETS TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299355 MM R 9:30-10:50
 T 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. MM MEETS TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299360 MN T 2:10-3:30
 R 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC. MN MEETS THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299365 MP T 3:40-5:00
 R 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC. MP MEETS THURSDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299370 MQ R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. MQ MEETS TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299375 MR R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC. MR MEETS TUESDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299380 MS WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: SEC. MS MEETS MONDAY IN MAPLE-WILLOW-LARCH COMMONS COMPUTER ROOM
 3299400 PA TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC. PA MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.
 3299405 PB T 12:40-2:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC. PB MEETS TUESDAY IN ROSS HALL LAPTOP LAB. LAPTOP COMPUTERS ARE PROVIDED.

ENGLISH

(CONTINUED)

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
 3299410 PC T 2:10-3:30, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC. PC MEETS TUESDAY IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299415 PD TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC. PD MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299420 PE TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: SEC. PE MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299425 PF TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. PF MEETS BOTH DAYS IN ROSS HALL LAPTOP LAB.
 LAPTOP COMPUTERS ARE PROVIDED.
 3299500 TA T 9:30-10:50
 R 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. TA MEETS THURSDAY IN ROSS HALL COMPUTER LAB
 3299505 TB T 11:00-12:20
 R 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC. TB MEETS THURSDAY IN ROSS HALL COMPUTER LAB
 3299525 TE R 12:40-2:00
 T 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. TE MEETS TUESDAY IN ROSS HALL COMPUTER LAB
 3299530 TF R 2:10-3:30
 T 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC. TF MEETS TUESDAY IN ROSS HALL COMPUTER LAB
 3299600 VA WF 8:00-8:50
 M 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: SEC. VA MEETS MONDAY IN ROSS HALL COMPUTER LAB
 3299605 VB WF 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: SEC. VB MEETS MONDAY IN ROSS HALL COMPUTER LAB
 3299610 VC MF 2:10-3:00
 W 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: SEC. VC MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB
 3299615 VD MF 3:10-4:00
 W 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: SEC. VD MEETS WEDNESDAY IN ROSS HALL COMPUTER LAB
 3299620 VE WF 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: SEC. VE MEETS MONDAY IN ROSS HALL COMPUTER LAB
 3299625 VF WF 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC. VF MEETS MONDAY IN ROSS HALL COMPUTER LAB
 3299655 VT R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC. VT MEETS TUESDAY IN ROSS HALL COMPUTER ROOM.
 THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS ONLY.
 MEETS JOINTLY WITH SEC. VV.
 3299660 VV R 11:00-12:20
 T 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC. VV MEETS TUESDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. VT. FOR
 PERMISSN STUDENTS MUST GO TO DEANNA STUMBO, 403 ROSS.
 Department permission required.
 3299665 VW MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. VW MEETS WEDNESDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS
 ONLY. MEETS JOINTLY WITH SEC. VX.
 3299670 VX MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC. VX MEETS WEDNESDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. VW. FOR
 PERMISSN STUDENTS MUST GO TO DEANNA STUMBO, 403 ROSS
 Department permission required.
 3299675 VY MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC. VY MEETS WEDNESDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. U.S. STUDENTS
 ONLY. MEETS JOINTLY WITH SEC. VZ.
 3299680 VZ MF 11:00-11:50
 W 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC. VZ MEETS WEDNESDAY IN ROSS HALL COMPUTER
 ROOM. THIS IS A CROSS-CULTURAL SECTION. INTERNATIONAL
 STUDENTS ONLY. MEETS JOINTLY WITH SEC. VY. FOR
 PERMISSN STUDENTS MUST GO TO DEANNA STUMBO, 403 ROSS
 Department permission required.

ENGLISH

(CONTINUED)

BUSINESS COMMUNICAT ENGL 302 3 CREDITS
 Prereq: 250, JUNIOR CLASSIFICATION
 Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
 COURSE IS RESTRICTED TO JUNIORS AND ABOVE
 3314005 1 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 3314010 2 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 3314015 3 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 3314020 4 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 3314025 5 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 3314030 6 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 3314035 7 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 3314040 8 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 3314045 9 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 3314170 EM MW 6:00-8:00PM
 MEETS: JAN 24-APRIL 6
 Note: SECTION EM FOR MAJORS OTHER THAN L ST, LAS S
 3314175 ES MW 6:00-8:00PM
 MEETS: JAN 24-APRIL 6
 Note: SEC ES FOR L ST, LAS S MAJORS ONLY
 3314600 XW ARRANGED GRAHAM S
 MEETS: JAN 10-MAY 6
 Note: FOR PERMISSION TO REGISTER SEND YOUR REQUEST TO
 JESLYN@IASTATE.EDU
 Department permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00
 3314050 10 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 3314055 11 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 3314060 12 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 3314065 13 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 3314070 14 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 3314075 15 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6
 3314080 16 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6
 3314085 17 MWF 4:10-5:00
 MEETS: JAN 10-MAY 6
 3314090 18 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 3314095 19 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 3314100 20 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 3314105 21 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 3314110 22 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 3314115 23 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 3314120 24 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 3314125 25 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 3314130 26 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 3314135 27 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 3314140 28 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 3314145 29 TR 8:00-9:20PM
 MEETS: JAN 10-MAY 6
 3314150 30 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 3314155 31 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 3314160 32 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 3314165 33 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 3314180 34 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 3314185 35 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 3314190 36 MWF 4:10-5:00
 MEETS: JAN 10-MAY 6
 CREAT WRITING FICTN ENGL 304 3 CREDITS
 Prereq: 250, NOT OPEN TO FRESHMEN
 Note: COURSE IS RESTRICTED TO SOPH AND ABOVE
 3316005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 3316010 B TR 12:40-2:00
 MEETS: JAN 10-MAY 6

ENGLISH (CONTINUED)

CREAT WRITING NON-F ENGL 305 3 CREDITS
 Prereq: 250, NOT OPEN TO FRESHMEN
 3317005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 3317010 B TR 2:10-3:30
 MEETS: JAN 10-MAY 6

CREAT WRITING POET ENGL 306 3 CREDITS
 Prereq: 250, NOT OPEN TO FRESHMEN
 3318005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6

REPT&PROPOSL WRITNG ENGL 309 3 CREDITS
 Prereq: 250, JUNIOR CLASSIFICATION
 Note: SEC A1,B1 ETC. RESTRICTED TO ENGL, TCOMM MAJORS ONLY. SEC A2, B2 ETC FOR MAJORS OTHER THAN ENGL, TCOMM

8089005 A1 M 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 8089010 A2 M 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 8089015 B1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 8089020 B2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 8089025 C1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 8089030 C2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 8089035 D1 TR 5:10-6:30PM
 MEETS: JAN 10-MAY 6
 8089040 D2 TR 5:10-6:30PM
 MEETS: JAN 10-MAY 6

RHETORICAL ANALYSIS ENGL 310 3 CREDITS
 Prereq: 250
 8308005 A1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 8308010 A2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

BIOLOGICL COMMUNICA ENGL 312 3 CREDITS
 Prereq: 250 OR 105
 Note: COURSE RESTRICTED TO LIFE SCIENCES MAJORS ONLY

6971005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 6971010 B TR 12:40-2:00
 MEETS: JAN 10-MAY 6

TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
 Prereq: 250, JUNIOR CLASSIFICATION
 Note: SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB COURSE IS RESTRICTED TO JUNIORS AND ABOVE

3356005 1 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 3356010 2 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 3356015 3 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 3356020 4 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 3356025 5 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 3356030 6 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 3356035 7 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 3356040 8 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6
 3356045 9 MWF 4:10-5:00
 MEETS: JAN 10-MAY 6
 3356105 EM TR 6:00-8:00PM
 MEETS: JAN 25-APRIL 7
 Note: SEC EM FOR MAJORS OTHER THAN L ST, LAS S
 3356110 ES TR 6:00-8:00PM
 MEETS: JAN 25-APRIL 7
 Note: SEC ES FOR L ST, LAS S MAJORS ONLY

3356050 10 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 3356055 11 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 3356060 12 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 3356065 13 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 3356070 14 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 3356075 15 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 3356080 16 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 3356085 17 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

SCIENCE FICTION ENGL 330 3 CREDITS
 Prereq: 250
 3312005 A1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3312010 A2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJOR OTHER THAN ENGL, TCOMM.

ENGLISH (CONTINUED)

STUDIES IN FILM ENGL 335 3 CREDITS
 Prereq: 250
 Note: FILM SHOWINGS MAY EXTEND SCHEDULED TIME
 COURSE TOPIC: WOODY ALLEN AND FRIENDS
 Available for nonmajor graduate credit
 3322005 A1 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$15.00
 3322010 A2 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$15.00

WOMEN & LIT TOPICS ENGL 345 3 CREDITS
 Prereq: 250 OR 105
 Note: TOPIC: "19TH CENTURY WOMEN WRITERS"
 Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3324005 A1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3324010 A2 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

AMERICAN INDIAN LIT ENGL 346 3 CREDITS
 Prereq: 250
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3325005 A1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3325010 A2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

TOP US MLTICULT LIT ENGL 349 3 CREDITS
 Prereq: 250
 Note: TOPIC: "AFRICIAN AMERICAN AND ASIAN AMERICAN LITERATURE AND CULTURE"
 Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3328005 A1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS.
 3328010 A2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

RHETO ISSU IN CONTX ENGL 350 3 CREDITS
 Prereq: 250
 8387005 A1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 8387010 A2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC. A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

WLD LIT:ANCT-RENAIS ENGL 353 3 CREDITS
 Prereq: 250
 Note: Meets international perspectives reqmt
 3329005 A1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3329010 A2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

LIT AND THE ENVIRON ENGL 355 3 CREDITS
 Prereq: 250
 Note: Available for nonmajor graduate credit
 5370005 A1 MW 3:10-4:30
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 5370010 A2 MW 3:10-4:30
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

STU AMER LIT: 1900- ENGL 364 3 CREDITS
 Prereq: 250; SOPHOMORE CLASSIFICATION
 3338005 A1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3338010 A2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THEN ENGL, TCOMM

SHAKESPEARE ENGL 370 3 CREDITS
 Prereq: 250
 Note: Meets international perspectives reqmt
 3341005 A1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3341010 A2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM

ENGLISH (CONTINUED)

BRIT LIT:ROMANT&VIC ENGL 376 3 CREDITS
 Prereq: 250; SOPHOMORE CLASSIFICATION
 Note: TOPIC:"VICTORIAN POETRY & POETICS"
 Meets international perspectives reqmt
 3345005 A1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3345010 A2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

BRIT LIT:MOD&CNTMP ENGL 378 3 CREDITS
 Prereq: 250; SOPHOMORE CLASSIFICATION
 3347005 A1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3347010 A2 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

TCH RDNG OF YNG LIT ENGL 396 3 CREDITS
 Prereq: 250
 Note: Available for nonmajor graduate credit
 3350005 A1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 3350010 A2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A2 RESTRICTED TO EL ED MAJORS ONLY.

TEACHNG WRITNG SEC ENGL 397 3 CREDITS
 Prereq: 219 OR 220. MUST BEGIN THE APPLICATION
 PROCESS FOR ADMISSN TO THE UNIV TEACHER ED PROGRAM &
 INITIATE A STATE OF IOWA DEPT OF CRIMINAL INVESTIGATN
 BACKGROUND CHECK PRIOR TO THE SEM STUDENT TAKES 397.
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION
 TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 3381005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6

CR WRIT WKSHP FICTN ENGL 404 3 CREDITS
 Prereq: 304
 3353005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 3353010 B TR 12:40-2:00
 MEETS: JAN 10-MAY 6

CR WRIT WKSHP NON-F ENGL 405 3 CREDITS
 Prereq: 305
 3354005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 3354010 B TR 2:10-3:30
 MEETS: JAN 10-MAY 6

CR WRIT WKSHP POET ENGL 406 3 CREDITS
 Prereq: 306
 Note: COURSE NOT OPEN TO FRESHMEN
 3355005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6

TECHNL,RHET,PRO CMM ENGL 411 3 CREDITS
 Prereq: 310,302,309,313, OR 314; JUNIOR CLASSIF
 3020005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6

BUSI&TECHNICAL EDIT ENGL 415 3 CREDITS
 Prereq: 302, 309, OR 314; JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 3358005 A1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3358010 A2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

STUDNT TCH ENGL&LIT ENGL 417E VAR. CREDITS
 Prereq: 494, ADMISSION TO TEACHER EDUCATION,
 APPROVAL OF COORDINATOR SEMESTER PRIOR TO STUDENT
 TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 7786005 1 ARRANGED
 MEETS: JAN 10-APRIL 22
 Note: SEC 1 OFFERED FOR 14 CREDITS.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00
 7786010 2 ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: SEC 2 OFFERED FOR 8 CREDITS.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00
 7786015 3 ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00
 7786020 4 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 4 OFFERED FOR 16 CREDITS.
 Instructor permission required.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

ENGLISH (CONTINUED)

SEMN ARGUMENTATION ENGL 418 3 CREDITS
 Prereq: 310; JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 2718005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

HIST OF ENGLISH LANG ENGL 420 3 CREDITS
 Prereq: 219, 220
 Note: NOT OPEN TO FRESHMEN OR SOPHOMORES
 Available for nonmajor graduate credit
 3360005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6

2ND LANG LRNG&TCHNG ENGL 425 3 CREDITS
 Prereq: 219, JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 9321005 A T 6:10-9:00PM
 MEETS: JAN 10-MAY 6

SEMN R GENDER& ETHNC ENGL 460 3 CREDITS
 Prereq: COMPLETION OF 9 CR OF SURVEYS; COMPLETION
 OF OR CONCURRENT ENROLL IN 339; JUNIOR CLASSIFICATION
 Note: TOPIC: "U.S. SOUTHERN WOMEN WRITERS"
 Available for nonmajor graduate credit
 7573005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INTERN BUS,PRO COMM ENGL 487 R CREDIT
 Prereq: SENIOR CLASSIF; PERMISSN OF COORDINATOR;
 9 CR IN 302,309,313,314,415 (PREFERRED),416, OR 477
 Note: Department permission required.
 9099005 A ARRANGED
 MEETS: JAN 10-MAY 6

IND STDY LITERATURE ENGL 490A VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU LINGUISTICS ENGL 490B VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY RHETORIC ENGL 490C VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CRITICI LIT ENGL 490D VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY READING ENGL 490E VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CREATV WRIT ENGL 490F VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU BUS/TCH CMM ENGL 490G VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JR CLASSIFICATION, PERMISSION
 OF UNDERGRADUATE STUDIES COMMITTEE
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGLISH (CONTINUED)

ENGLISH (CONTINUED)

INDEP STUDY HONORS ENGL 490H VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE
 TO THE SECT TAKEN, JUNIOR CLASSIFICATION,
 PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE ASSESSMENT ENGL 497 R CREDIT
 Prereq: 199. MUST BE TAKEN BY ALL SENIORS IN
 THEIR LAST SEMESTER OF CLASSES.
 5677005 A ARRANGED
 MEETS: JAN 10-MAY 6

THRY&RSRCH IN COMPO ENGL 503 3 CREDITS
 Prereq: 6 CREDITS IN ENGLISH
 Note: COURSE RESTRICTED TO GRADUATE ENGL MAJORS
 3387005 A W 6:10-9:00PM
 MEETS: JAN 10-MAY 6

TCHG BUS&TECHN COMM ENGL 504 3 CREDITS
 Prereq: 302, 309, OR 314
 3388005 A ARRANGED
 MEETS: JAN 10-MAY 6

LANGU ASSESS PRACTM ENGL 513 3 CREDITS
 Prereq: 519
 8728005 A ARRANGED
 MEETS: JAN 10-MAY 6

SOCIOLINGUISTICS ENGL 514 3 CREDITS
 Prereq: 511 OR AN INTRODUCTORY LINGUISTICS COURSE
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3397006 A W 6:10-9:00PM
 MEETS: JAN 10-MAY 6

2ND LANUAGE ASSESSM ENGL 519 3 CREDITS
 Prereq: 517
 3402005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 3402600 XW ARRANGED DOUGLAS D
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00
 Section info: www.lasonline.iastate.edu/tesl

TCH NONNATV LIS&SPK ENGL 525 3 CREDITS
 Prereq: 511 OR INTRODUCTORY COURSE IN LINGUISTICS
 2230005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

DISCOURSE ANALYSIS ENGL 527 3 CREDITS
 Prereq: 511 OR AN INTRO COURSE IN LINGUISTICS
 Note: COURSE RESTRICTED TO ENGL GRADUATE STUDENTS
 2052005 A M 6:10-9:00PM
 MEETS: JAN 10-MAY 6

MULTMDIA CONTNT MGT ENGL 529 3 CREDITS
 Prereq: 313, 505, OR PERMISSION OF INSTRUCTOR
 8917005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

BRIT LIT SINCE 1830 ENGL 535 3 CREDITS
 Prereq: 6 CREDITS IN LITERATURE
 3254005 A M 6:10-9:00PM
 MEETS: JAN 10-MAY 6

FICTION ENGL 538 3 CREDITS
 Prereq: 6 CREDITS IN LITERATURE
 3259005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6

POETRY ENGL 539 3 CREDITS
 Prereq: 6 CREDITS IN LITERATURE
 3417005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6

ENVIRONMENTAL LIT ENGL 543 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: COURSE RESTRICTED TO ENGL GRAD STUDENTS ONLY.
 8359005 A W 6:10-9:00PM
 MEETS: JAN 10-MAY 6

ADV CRTVE WRIT WKSP ENGL 551 3 CREDITS
 Prereq: FOURTH-SEMESTER STANDING, MFA PROGRAM
 8367005 A R 6:10-9:00PM
 MEETS: JAN 10-MAY 6

ADV IMAG WRIT:FICTN ENGL 554 3 CREDITS
 Prereq: 550, GRAD CLASSIFICATION. OPEN TO GRAD
 STUDENTS OUTSIDE CREATIVE WRITING ONLY WITH INSTR
 PERMISSION.
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3412005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 3412010 B TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

ADV IMAG WRIT:POETR ENGL 556 3 CREDITS
 Prereq: 550, GRAD CLASSIFICATION. OPEN TO GRAD
 STUDENTS OUTSIDE CREATIVE WRITING ONLY WITH INSTR
 PERMISSION.

Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3413005 A T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 3413010 B T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR STUDENTS NOT FORMALLY ADMITTED TO THE
 MA PROGRAM IN ENGLISH.
 Instructor permission required.

TCHNG CREATV WRITNG ENGL 558 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 7430600 XW ARRANGED SWANDER M
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00
 Section info: www.lasonline.iastate.edu/tesl

CRTV WRT TCHG INTRN ENGL 559 1- 3 CREDITS
 Prereq: PERMISSION OF PARTICIPATING INSTRUCTORS
 7431005 A ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

ENVIRON FIELD EXPER ENGL 560 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 8229005 A ARRANGED
 MEETS: JAN 10-MAY 6

INTERN BUS,PRO COMM ENGL 587 1- 3 CREDITS
 Prereq: 507 PLUS 3 ADDITIONAL GRAD CR IN BUSINESS
 & TECHNICAL WRITING OR COMPOSITION & RHETORIC, INSTR
 PERMISSION. LIMITED TO MASTER'S AND DOCTORAL DEGREE
 CANDIDATES IN THE ENGL DEPT
 Note: Instructor permission required.
 3425005 A ARRANGED
 MEETS: JAN 10-MAY 6

PRA TCH ENG 2ND LNG ENGL 588 3 CREDITS
 Prereq: 15 CREDITS TOWARDS TESL/APPLIED
 LINGUISTICS MASTER'S DEGREE
 3426005 A ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$61.50
 3426600 XW ARRANGED VANN R
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00
 Section info: www.lasonline.iastate.edu/tesl

SUPV PRACTCM LIT ED ENGL 589 3 CREDITS
 Prereq: 552, AT LEAST ONE GRADUATE CREATIVE
 WRITING WORKSHOP, PERMISSION OF INSTRUCTOR
 7611005 A ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP LITERATURE ENGL 590A VAR. CREDITS
 Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TESL/LINGUI ENGL 590B VAR. CREDITS
 Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RHETOR&COMP ENGL 590C VAR. CREDITS
 Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP RHE&PRO COMM ENGL 590E VAR. CREDITS
 Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CREATV WRIT ENGL 590F VAR. CREDITS
 Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP APP LING&TEC ENGL 590G VAR. CREDITS
 Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDI RHET&PRO COMM ENGL 592 3 CREDITS
 Prereq: 12 HOURS IN RHETORIC, LINGUISTICS, OR
 LITERATURE, EXCLUDING 150/250
 Note: TOPIC: "ADVANCED RHETORICAL ANALYSIS"
 2277005 A T 6:10-9:00PM
 MEETS: JAN 10-MAY 6

ENGLISH

(CONTINUED)

CREATIVE COMPONENT ENGL 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH DSGN RHET&PRO ENGL 602 3 CREDITS
 Prereq: 601
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
 1127005 A M 6:10-9:00PM
 MEETS: JAN 10-MAY 6

SEMNR TEC&APP LINGU ENGL 630 3 CREDITS
 Prereq: 510, 511, 517, 518; ADDITIONAL PREREQS
 DEPENDING ON THE TOPIC
 Note: COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS.
 4758005 A R 6:10-9:00PM
 MEETS: JAN 10-MAY 6

PRACTCM TEC &LINGUI ENGL 688 3 CREDITS
 Prereq: 510, 626, OR EQUIV; 2ND YR PH.D. STUDENT
 7633005 A ARRANGED
 MEETS: JAN 10-MAY 6

RESEARCH ENGL 699 VAR. CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

INTRO TO INSECTS ENT 201 1 CREDIT
 5197005 A TR 2:10-3:30 HOLSCHER K
 MEETS: JAN 11-FEB 10

INSECTS AND SOCIETY ENT 211 2 CREDITS
 Prereq: 201
 3441005 A TR 2:10-3:30 HOLSCHER K
 MEETS: FEB 15-MAY 5

PESTICIDE APPL CERT ENT 283 2 CREDITS
 6695005 MW 2:10-3:00 HOLSCHER K
 MEETS: JAN 10-MAY 6

LIVESTOCK ENTOMOLGY ENT 372 2 CREDITS
 Note: Available for nonmajor graduate credit
 7986005 1 T 5:10-7:00PM HOLSCHER K
 MEETS: JAN 10-MAY 6
 7986600 XW ARRANGED HOLSCHER K
 MEETS: JAN 11-APRIL 5
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$156.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

INSECTS &OUR HEALTH ENT 374 3 CREDITS
 Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3445005 A MWF 2:10-3:00 BARTHOLOMAY L
 MEETS: JAN 10-MAY 6

PLT PROTEC NAT ENEM ENT 375 3 CREDITS
 Prereq: 370 OR 376
 Note: Available for nonmajor graduate credit
 9546005 1 TR 9:30-10:50 HARRIS M
 MEETS: JAN 10-MAY 6

FND ENTOMO&PEST MGT ENT 376 3 CREDITS
 Prereq: BIOL 101 OR 211
 Note: CREDIT FOR EITHER ENT 376 OR ENT 386, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 3446005 A TR 12:40-1:30 GASSMANN A
 T 2:10-5:00 GASSMANN A
 MEETS: JAN 10-MAY 6
 3446010 B TR 12:40-1:30 GASSMANN A
 W 12:10-3:00 GASSMANN A
 MEETS: JAN 10-MAY 6
 3446015 C TR 12:40-1:30 GASSMANN A
 W 3:10-6:00PM GASSMANN A
 MEETS: JAN 10-MAY 6

AQUATIC INSECTS ENT 425 3 CREDITS
 Prereq: BIOL 312 OR EQUIVALENT
 6353005 1 TR 8:00-8:50 COURTNEY G
 F 10:00-1:00 COURTNEY G
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$30.00

IND STU RESRCH/WORK ENT 490E 1- 3 CREDITS
 Prereq: 15 CR IN BIOL SCI, JR OR SR CLASSIF
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

(CONTINUED)

IND STDY LAB TEACHG ENT 490U 1- 3 CREDITS
 Prereq: 15 CR IN BIOL SCI, JR OR SR CLASSIF
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTG MGT TROPIC CROP ENT 511 3 CREDITS
 Prereq: PL P 408 OR 416 OR ENT 370 OR 376 OR HORT 221
 Note: Meets international perspectives reqmt
 7962005 ARRANGED
 MEETS: JAN 10-MAY 6

AQUATIC INSECTS ENT 525 3 CREDITS
 Prereq: BIOL 312 OR EQUIVALENT
 6364005 1 TR 8:00-8:50 COURTNEY G
 F 10:00-1:00 COURTNEY G
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$30.00

PESTICIDES IN ENVIR ENT 550 2 CREDITS
 Prereq: GRAD CLASSIFICATION
 8682005 TR 9:00-9:50 COATS J
 MEETS: JAN 10-MAY 6

INSECT PHYSIOLOGY ENT 555 4 CREDITS
 Prereq: 370
 4042005 TR 11:00-12:20 JURENKA R
 R 2:10-5:00 JURENKA R
 MEETS: JAN 10-MAY 6

ADVANCD SYSTEMATICS ENT 568 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7125005 1 ARRANGED
 MEETS: JAN 10-MAY 6

PLT PROTEC NAT ENEM ENT 575 3 CREDITS
 Prereq: 370 OR 376
 3456005 1 TR 9:30-10:50 HARRIS M
 MEETS: JAN 10-MAY 6

SP TOP BIOL CONTROL ENT 590A 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP CHEM ECOLOGY ENT 590B 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL&SYSTMAT ENT 590D 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH TOPCS ENT 590E 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEDICAL&VET ENT 590F 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC MOLECULAR ENT 590G 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHYSL&BIOCH ENT 590H 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TOXICOLOGY ENT 590I 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCHNG EXPER ENT 590K 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EXTENS INTRN ENT 590L 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IMMATUR INS ENT 590M 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POPUL GENET ENT 590N 1- 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

(CONTINUED)

SEMINAR ENT 600 1 CREDIT
5345005 A M 4:10-5:00 BONNING B
MEETS: JAN 10-MAY 6

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

ENVIRONMENTAL SCIENCE

APPRENTICESHIP ENSCI 290 VAR. CREDITS
Prereq: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
Note: Permission of coordinator required.
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRN SOIL SCIENCE ENSCI 360 3 CREDITS
Prereq: AGRON 260 OR GEOL 100 OR 201
1924005 1 MW 9:00-9:50 BURRAS C
T 3:10-6:00PM BURRAS C
MEETS: JAN 10-MAY 6
1924010 2 MW 9:00-9:50 KILLORN R
W 2:10-5:00 KILLORN R
MEETS: JAN 10-MAY 6

ANALYS ENVIRON SYST ENSCI 382 3 CREDITS
Prereq: 381
Note: SECTIONS 1A,2A,ETC. RESTRICTED TO ENSCA, ENSCS
MAJORS ONLY. SECTIONS 1B,2B,ETC. RESTRICTED TO MAJORS
OTHER THAN ENSCA, ENSCS.
Available for nonmajor graduate credit
4810005 1A MW 1:10-2:00 CASTELLANO M
M 2:10-4:00 CASTELLANO M
MEETS: JAN 10-MAY 6
4810010 1B MW 1:10-2:00 CASTELLANO M
M 2:10-4:00 CASTELLANO M
MEETS: JAN 10-MAY 6
4810015 2A MW 1:10-2:00 CASTELLANO M
W 2:10-4:00 CASTELLANO M
MEETS: JAN 10-MAY 6
4810020 2B MW 1:10-2:00 CASTELLANO M
W 2:10-4:00 CASTELLANO M
MEETS: JAN 10-MAY 6

INTERNSHIP ENVI SCI ENSCI 390 VAR. CREDITS
Prereq: APPROVAL OF ENVIRONMENTAL SCI COORDINATOR
Satisfactory-Fail Only.
***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENSCI 404 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
SCIENCES OR ENGINEERING, JUNIOR STANDING
Note: Available for nonmajor graduate credit
3386005 MWF 11:00-11:50 GUTOWSKI W
MEETS: JAN 10-MAY 6
Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

ENVIRONM BIOPHYSICS ENSCI 405 3 CREDITS
Prereq: MATH 166 OR EQUIVALENT
Note: Available for nonmajor graduate credit
3454005 TR 11:00-12:30 HORNBUCKLE B
MEETS: JAN 10-MAY 6

WATERSHED MANAGEMENT ENSCI 407 4 CREDITS
Prereq: A COURSE IN GENERAL BIOLOGY
2830005 1 TR 9:30-10:50
T 3:10-6:00PM
MEETS: JAN 10-MAY 6
Note: Materials, field trips &/or travel fee \$40.00

PALEOCLIMATOLOGY ENSCI 415 3 CREDITS
Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
SCIENCE AT THE 200 LEVEL OR ABOVE
Note: Available for nonmajor graduate credit
3065005 MWF 3:10-4:00
MEETS: JAN 10-MAY 6

HYDROLOG MDLNG ANLY ENSCI 416X 3 CREDITS
Prereq: MATH 165 OR 181; PHYS 111 OR 221; AND
GEOL 402 OR EQUIVALENT
Note: Available for nonmajor graduate credit
8528005 MW 11:00-11:50
MWF 12:10-1:00
MEETS: JAN 10-MAY 6

GIS&GPS NAT RESOURC ENSCI 446 3 CREDITS
Prereq: 12 CR IN STUDENT'S MAJOR AT 300 LEVEL
OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH
ARCGIS
3033005 1 TR 8:00-8:50
T 12:10-3:00
MEETS: JAN 10-MAY 6
Note: Field trips & travel fee \$52.00
3033010 2 TR 8:00-8:50
R 12:10-3:00
MEETS: JAN 10-MAY 6
Note: Field trips & travel fee \$52.00
3033015 3 TR 8:00-8:50
W 10:00-1:00
MEETS: JAN 10-MAY 6
Note: Field trips & travel fee \$52.00
3033020 4 TR 8:00-8:50
M 10:00-1:00
MEETS: JAN 10-MAY 6
Note: Field trips & travel fee \$52.00

ENVIRONMENTAL SCIENCE

(CONTINUED)

SOIL FORMATN&LANDSC ENSCI 463 4 CREDITS
Prereq: AGRON 154 OR 260
Note: CREDIT FOR EITHER AGRON/ENSCI 463 OR
IA LL/AGRON/ENSCI 463I BUT NOT BOTH, MAY BE APPLIED
TOWARD GRADUATION
Available for nonmajor graduate credit
1935010 1 TR 10:00-10:50 SANDOR J
T 2:10-5:00, ARRANGED SANDOR J
MEETS: JAN 10-MAY 6
Note: Equipment use and field trips & travel
fee \$30.00-\$50.00

ECOSYSTEM ECOLOGY ENSCI 484 3 CREDITS
Prereq: COMBINED 12 CREDITS IN BIOL AND CHEM
8720005 MWF 3:10-4:00
MEETS: JAN 10-MAY 6

MICROBIAL ECOLOGY ENSCI 487 3 CREDITS
Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM
Note: Available for nonmajor graduate credit
3512005 TR 11:00-12:20
MEETS: JAN 10-MAY 6

INDEPENDENT STUDY ENSCI 490 VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, APPROVAL OF
ENVIRONMENTAL SCIENCE COORDINATOR
***** SEE DEPT FOR REFERENCE NUMBERS

INT'L TRAVEL TOUR ENSCI 496A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
6179800 CR ARRANGED KILLORN R
MEETS: JAN 10-MARCH 29
Note: SEC CR TAUGHT IN COSTA RICA. TOPIC:
SOIL, CROPS AND WATER OF COSTA RICA.
SPRING 2011 - TRAVEL MARCH 10-20
Study Abroad Administrative Fee Applies

COOPERATIVE EDUCATN ENSCI 498 R CREDIT
Prereq: PERMISSION OF ENSCI COORDINATOR
6276005 ARRANGED
MEETS: JAN 10-MAY 6

GLOBAL CHANGE ENSCI 504 3 CREDITS
Prereq: 4 COURSES IN PHYSICL OR BIOL SCI OR ENGR;
JUNIOR, SENIOR, OR GRAD STANDING
4428005 MWF 11:00-11:50 GUTOWSKI W
MEETS: JAN 10-MAY 6

ENVIRONM BIOPHYSICS ENSCI 505 3 CREDITS
Prereq: MATH 166 OR EQUIVALENT
Note: Instructor permission required 1st week.
4430005 TR 11:00-12:30 HORNBUCKLE B
MEETS: JAN 10-MAY 6

WATERSHED MANAGEMNT ENSCI 507 4 CREDITS
Prereq: A COURSE IN GENERAL BIOLOGY
3868005 1 TR 9:30-10:50
T 3:10-6:00PM
MEETS: JAN 10-MAY 6
Note: Materials, field trips &/or travel fee \$40.00

PALEOCLIMATOLOGY ENSCI 515 3 CREDITS
Prereq: FOUR COURSES IN BIOLOGICAL OR PHYSICAL
SCIENCE
3158005 MWF 3:10-4:00
MEETS: JAN 10-MAY 6

HYDROLOG MDLNG ANLY ENSCI 516X 3 CREDITS
Prereq: MATH 165 OR 181; PHYS 111 OR 221; AND
GEOL 402 OR EQUIVALENT
Note: Available for nonmajor graduate credit
8579005 MW 11:00-11:50
MWF 12:10-1:00
MEETS: JAN 10-MAY 6

WTR POLL CNTRL PROC ENSCI 522 3 CREDITS
Prereq: 521
4517005 1 ARRANGED
MEETS: JAN 10-MAY 6
4517600 XE ARRANGED SUNG S
MEETS: JAN 10-MAY 6
Note: LIVE VIEWING AVAILABLE TR 9-10:50 AM OR STUDENTS
HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
Section XE is off campus
Course delivery is Videostreaming
Delivery fee \$570.00
Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

PHY-CHEM TREAT PROC ENSCI 523 3 CREDITS
Prereq: C E 520
4530005 1 ARRANGED
MEETS: JAN 10-MAY 6

ENVIRONMENTAL SCIENCE (CONTINUED)

ENVIRONMENTAL SCIENCE (CONTINUED)

AIR POLLUT AIR QUAL ENSCI 524A 1 CREDIT
 Prereq: PHYS 221 OR CHEM 178; MATH 166 OR 3 CR
 IN STAT; SENIOR CLASSIFICATION OR ABOVE
 4534005 1 ARRANGED
 MEETS: JAN 10-MAY 6

HAZARDOUS WASTE MGT ENSCI 529 3 CREDITS
 Prereq: C E 326
 4560005 ARRANGED
 MEETS: JAN 10-MAY 6

INTEGRATING GIS&GPS ENSCI 546 3 CREDITS
 Prereq: 12 CR IN STUDENT MAJOR AT 300 LEVEL OR
 ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS
 4698005 1 TR 8:00-8:50
 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$52.00
 4698010 2 TR 8:00-8:50
 R 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$52.00
 4698015 3 TR 8:00-8:50
 W 10:00-1:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$52.00
 4698020 4 TR 8:00-8:50
 M 10:00-1:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$52.00

SOIL FORMATN&LANDSC ENSCI 563 4 CREDITS
 Prereq: AGRON 154 OR 260
 Note: CREDIT FOR EITHER AGRON/ENSCI 563 OR
 IA LL/AGRON/ENSCI 563I BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 3244010 1 TR 10:00-10:50 SANDOR J
 T 2:10-5:00, ARRANGED SANDOR J
 MEETS: JAN 10-MAY 6
 Note: Equipment use and field trips & travel
 fee \$30.00-\$50.00

WETLAND ECOLOGY ENSCI 564 3 CREDITS
 Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
 1238005 ARRANGED
 MEETS: JAN 10-MAY 6

SURFC WTR HYDROLOGY ENSCI 571 3 CREDITS
 Prereq: C E 372
 4567005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 4567600 XE ARRANGED GU R
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MW 3:10-4:30 PM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

SOIL PHYSICS ENSCI 577 3 CREDITS
 Prereq: AGRON 354; RECOMMENDED: MATH 166
 7360005 MWF 10:00-10:50 HORTON R
 MEETS: JAN 10-MAY 6

LAB MTHD SOIL PHYSC ENSCI 578 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN 577
 7362005 M 1:10-4:00 HORTON R
 MEETS: JAN 10-MAY 6

ANALYS ENVIRNM SYST ENSCI 582 3 CREDITS
 Prereq: 581
 6285005 1 MW 1:10-2:00 CASTELLANO M
 M 2:10-4:00 CASTELLANO M
 MEETS: JAN 10-MAY 6
 Note: Department permission required.
 6285010 2 MW 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

MICROBIAL ECOLOGY ENSCI 587 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGY AND 6 CR IN CHEM
 7352005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS ENSCI 590 VAR. CREDITS
 Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
 SCIENCE FACULTY
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENSCI 599 VAR. CREDITS
 Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
 SCIENCE FACULTY
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMNR ENVIRONMN SCI ENSCI 690 R CREDIT
 4702001 1 M 4:10-5:00
 MEETS: JAN 10-MAY 6

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

ENVIRONMENTAL STUDIES

ENVIRONMNTL GEOLOGY ENV S 101 3 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS ONLY S09.
 3418005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

GEOLOGIC DISASTERS ENV S 111X 1 CREDIT
 3135005 MW 10:00-10:50
 MEETS: MARCH 7-MAY 6

INTR RENEW RESOURCS ENV S 120 3 CREDITS
 5141005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 5141600 XW ARRANGED HALL R
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqqs.php>

NAT RESOURCES &AGRI ENV S 130 3 CREDITS
 2836005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

WORLD WATER RESOURC ENV S 160 3 CREDITS
 6343005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

ENVIRONMNTL BIOLOGY ENV S 173 3 CREDITS
 2022005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://project.bio.iastate.edu>
 2022010 2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 2022600 XW ARRANGED PLEASANTS J
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Delivery fee \$150.00

BIODIVERSITY ENV S 204 2 CREDITS
 Prereq: ONE COURSE IN LIFE SCIENCES
 3909005 TR 9:00-10:50
 MEETS: MARCH 7-MAY 6

GLOBLIZTN &SUSTAINB ENV S 220X 3 CREDITS
 Note: Meets international perspectives reqmt
 3862005 1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 3862010 2 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 3862015 3 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

SOILS&ENVIR QUALITY ENV S 260 3 CREDITS
 5508005 1 MWF 12:10-1:00 BURRAS C
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$10.00

ENERGY &THE ENVIRON ENV S 324 3 CREDITS
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
 7863005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$50.00

WORLD FOOD ISSUES ENV S 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 1733005 1 TR 11:00-12:20 ZDORKOWSKI G
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$0.00-\$15.00
 1733010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 10-MAY 6
 Note: SEC. 2 RESTRICTED FS A, FS H, DIETA, DIETH, NS A,
 AND NS H MAJORS ONLY.
 Professional support fee \$0.00-\$15.00
 1733015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$0.00-\$15.00
 1733020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 10-MAY 6
 Note: SEC. 4 RESTRICTED AGRON, DIETA, DIETH, FS A,
 FS H, NS A, NS H, PDEXA AND PDEXH MAJORS ONLY.
 Professional support fee \$0.00-\$15.00
 1733600 XW ARRANGED FORD C
 MEETS: JAN 10-MAY 6

ENVIRONMENTAL STUDIES

(CONTINUED)

FAMILY&CONSUMER SCIENCES ED&STUDIES

(CONTINUED)

WORLD FOOD ISSUES ENV S 342 3 CREDITS
 Note: CONTACT CLARK FORD FOR PERMISSION TO REGISTER AT 515-294-0343/CFORD@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$155.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp reqs.php>

LIT AND THE ENVIRON ENV S 355 3 CREDITS
 Prereq: ENGL 250 OR ENGL 150
 Note: Available for nonmajor graduate credit
 5510005 A1 MW 3:10-4:30
 MEETS: JAN 10-MAY 6
 Note: SEC. A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 5510010 A2 MW 3:10-4:30
 MEETS: JAN 10-MAY 6
 Note: SEC. A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

ENVIR & RESOURC ECON ENV S 380 3 CREDITS
 Prereq: ECON 101
 7578005 1 TR 2:10-3:30 HENNESSY H
 MEETS: JAN 10-MAY 6

ENVIRONMENTL SOCIOL ENV S 382 3 CREDITS
 Prereq: SOC 130, 134, OR 3 CREDITS OF ENV S
 7579005 A1 T 6:00-9:00PM
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY
 7579010 A2 T 6:00-9:00PM
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN SOC, P S A

INTERNSH ENVIR STDI ENV S 390 VAR. CREDITS
 Prereq: APPROVAL OF THE ENV S COORDINATOR
 Note: COURSE OFFERED FOR 1-4 CREDITS SPRING 2011.
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENV S 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCES OR ENGINEERING; JUNIOR STANDING
 Note: Available for nonmajor graduate credit
 8673005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 10-MAY 6
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

WATERSHED MANAGMNT ENV S 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 5143005 1 TR 9:30-10:50
 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$40.00

SUSTNBLE&ENVIR HORT ENV S 424 3 CREDITS
 5150005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

CONTRV NAT RSRC MGT ENV S 460 3 CREDITS
 Prereq: 120, AND A ECL 312 OR NREM 301, AND JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 2880005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

SUSTAINABLE COMMUNT ENV S 484 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 7275005 TR 6:00-7:20PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$100.00

INDEPENDENT STUDY ENV S 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF ENV S COORDINATOR
 Note: COURSE OFFERED FOR 1-3 CREDITS SPRING 2011.
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN ENV S 491 3 CREDITS
 Prereq: 6 CREDITS IN NATURAL SCIENCES
 3478005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

FAMILY&CONSUMER SCIENCES ED&STUDIES

LEARN CMUNTY SEMINR FCEDS 102 R CREDIT
 Note: COURSE FOR TRANSFER STUDENTS ONLY.
 Satisfactory-Fail Only.
 7957005 1 ARRANGED
 MEETS: JAN 10-MAY 6

PRE-STDNT TEACH:LAB FCEDS 280A 1- 2 CREDITS
 Prereq: ADMISSION TO TEACHER EDUCATION
 Satisfactory-Fail Only.
 8797005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$20.00

PRE-STDNT TCH:DV SET FCEDS 280B 1- 2 CREDITS
 Prereq: ADMISSION TO TEACHER EDUCATION
 Satisfactory-Fail Only.
 8799005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$20.00

OCCUPATN,TECH PROGS FCEDS 318 2 CREDITS
 Prereq: 206 AND 400 HOURS WORK EXPERIENCE IN A FAMILY AND CONSUMER SCIENCES RELATED JOB
 3980005 1 ARRANGED
 MEETS: JAN 10-MAY 6

LRNR ASESMT VOC PRG FCEDS 403 3 CREDITS
 Prereq: ENROLLMENT IN 413
 8418005 ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: Course delivery is WWW

CURRIC PLAN FCS ED FCEDS 413 3 CREDITS
 Prereq: 306
 3985005 TR 1:10-5:00
 MEETS: JAN 10-MARCH 4
 Note: Materials and professional support fee \$0.00-\$50.00

SUPR TCHG VOC FAMLY FCEDS 417A 8 CREDITS
 Prereq: 413, 24 CREDITS IN FAMILY & CONSUMER SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 3987005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or travel fee \$20.50-\$464.00

SUPV TCHG FAMLY SCI FCEDS 417B 3- 8 CREDITS
 Prereq: 413, 24 CREDITS IN FAMILY & CONSUMER SCI SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 3988005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or travel fee \$20.50-\$464.00

SUPV EXP ED SERVICE FCEDS 418A 3- 8 CREDITS
 Prereq: 415, 24 CR IN FAMILY & CONSUMER SCI
 2313005 1 ARRANGED
 MEETS: JAN 10-MAY 6

SUPV EXP FCS STUDIE FCEDS 418B 3- 8 CREDITS
 Prereq: 415, 24 CR IN FAMILY & CONSUMER SCI
 2359005 1 ARRANGED
 MEETS: JAN 10-MAY 6

CAPSTONE SEMINAR FCEDS 460 1 CREDIT
 Prereq: SENIOR CLASSIFICATION IN FCSED
 Note: COURSE RESTRICTED FCEDS MAJORS ONLY
 8415005 1 W 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: MEETING TIME VARIES BY WEEK. CHECK SYLLABUS

INDEP STUDY GENERAL FCEDS 490G VAR. CREDITS
 Prereq: DEPARTMENTAL APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FCEDS 490H VAR. CREDITS
 Prereq: DEPARTMENTAL APPROVAL, HONORS PROG MEMBER
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

OCCUPAT,TECH PROGRAM FCEDS 518 2 CREDITS
 Prereq: 400 HOURS WORK EXPERIENCE IN A FAMILY AND CONSUMER SCIENCES RELATED JOB
 3214005 1 ARRANGED
 MEETS: JAN 10-MAY 6

STUDY ABROAD SEMINR FCEDS 524 1- 3 CREDITS
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011
 Meets international perspectives reqmt
 7157005 1 MW 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 10-MAY 6

SPCL TOP CURRICULUM FCEDS 590C VAR. CREDITS
 Prereq: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAMILY&CONSUMER SCIENCES ED&STUDIES (CONTINUED)

SPCL TOP EVALUATION FCEDS 590D VAR. CREDITS
 Prereq: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GENERAL FCEDS 590G VAR. CREDITS
 Prereq: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT FCEDS 599 VAR. CREDITS
 Prereq: 9 GRAD CREDITS IN FCSEED
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

FAMILY FINANCIAL PLANNING

FAMILY SYSTEMS FFP 520 3 CREDITS
 8201600 XG ARRANGED
 MEETS: JAN 11-MAY 13
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Meets international perspectives reqmt
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FINANCIAL COUNSELNG FFP 535 3 CREDITS
 8211600 XG ARRANGED
 MEETS: JAN 11-MAY 13
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ESTATE PLAN FAMILIE FFP 540 3 CREDITS
 8212600 XG 0:10-1:00
 MEETS: JAN 12-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

HOUSING&FINANC PLAN FFP 541 3 CREDITS
 8213600 XG ARRANGED
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Instructor permission required.
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

INSURNC PLAN FAMILI FFP 555 3 CREDITS
 8216600 XG ARRANGED
 MEETS: JAN 19-APRIL 29
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

PERSONAL INCOME TAX FFP 565 3 CREDITS
 8203600 XG ARRANGED
 MEETS: JAN 18-MAY 4
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

PRO PRACTC FIN PLAN FFP 570 3 CREDITS
 8217600 XG ARRANGED
 MEETS: JAN 18-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

INVESTG&FAMLY FUTUR FFP 583 3 CREDITS
 Prereq: HD FS 483
 8208600 XF ARRANGED SWANSON P
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

8208605 XH ARRANGED SWANSON P
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

FAMILY FINANCIAL PLANNING (CONTINUED)

PRACTICUM FFP 591 3- 6 CREDITS
 6273600 XF ARRANGED SWANSON P
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is Independent study
 Tuition Category: GPIDEA Consortium

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CREDITS
 Prereq: ACCT 284, ECON 101, STAT 226
 Note: SEC A1,B1,ETC RESTRICTED TO BUSINESS COLLEGE, AG B, AN S & DYS UNDERGRAD MAJORS. SEC A2,B2,ETC FOR ALL OTHER COLLEGES. NOT OPEN TO P BUS MAJORS
 College permission required to add during 1st week. Go to 1200 Gerdin.
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 3689005 A1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370, MKT 340.

3689010 A2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

3689015 B1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: NEXT SEMESTER ENROLLMENT BLOCK INCLUDES MGMT 370, MKT 340.

3689020 B2 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

3689025 C1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

3689030 C2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

3689035 D1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

3689040 D2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

3689045 E1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

3689050 E2 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

3689055 F1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

3689060 F2 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

3689065 G1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

3689070 G2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

3689075 J1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

3689080 J2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

CORPORATE FINANCE FIN 310 3 CREDITS
 Prereq: 301
 Note: SEC A1,B1,ETC RESTRICTED TO FINANCE MAJORS. SEC A2,B2,ETC FOR BUSINESS MAJORS ONLY. NOT OPEN TO P BUS MAJORS OR GRADUATE STUDENTS.
 College permission required to add during 1st week. Go to 1200 Gerdin.
 3691005 A1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

3691010 A2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

3691015 B1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

3691020 B2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

3691025 C1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

3691030 C2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

INVESTMENTS FIN 320 3 CREDITS
 Prereq: 301
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY. SEC A2,B2,ETC FOR ACCT, BUS S, BUS U, I BUS, BUSEC, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY.
 College permission required to add during 1st week. Go to 1200 Gerdin.
 3692005 A1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

3692010 A2 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

3692015 B1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

3692020 B2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

3692025 C1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

3692030 C2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

FINANCE (CONTINUED)

FINANCE (CONTINUED)

FIXD INCOME SECURTI FIN 327 3 CREDITS
 Prereq: 301
 Note: Available for nonmajor graduate credit
 8796005 A TR 3:40-5:00
 MEETS: JAN 10-MAY 6

FINAN MKTS&INSTITUT FIN 330 3 CREDITS
 Prereq: 301
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY.
 SEC A2,B2,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN,
 P BUS OR GRADUATE STUDENTS.
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 6829005 A1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 6829010 A2 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 6829015 B1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 6829020 B2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 6829025 D1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 6829030 D2 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

PERSNL RISK MGT&INS FIN 361 3 CREDITS
 Prereq: ECON 101
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY.
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 3693005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

REAL ESTATE PRINCIP FIN 371 3 CREDITS
 Prereq: ECON 101
 Note: SEC A1,B1,ETC RESTRICTED TO FIN MAJORS ONLY.
 SEC A2,B2,ETC RESTRICTED TO BUS MAJORS EXCEPT FIN,
 P BUS OR GRADUATE STUDENTS.
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 3690005 A1 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 3690010 A2 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 3690015 B1 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 3690020 B2 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

BUS FINANCG DECISNS FIN 415 3 CREDITS
 Prereq: 301, STAT 326
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 3698005 A M 6:10-9:00PM
 MEETS: JAN 10-MAY 6

FIN FUTURES&OPTIONS FIN 424 3 CREDITS
 Prereq: 320, STAT 326
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 3697005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6

SECUR ANALY&PORTFOL FIN 425 3 CREDITS
 Prereq: 320, STAT 326, PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY.
 7201005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: College permission required - go to
 1200 Gerdin.

ADV FIXD INCM ANALY FIN 428 3 CREDITS
 Prereq: 427, 320, PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO ACCT UNDERGRADS ONLY.
 Available for nonmajor graduate credit
 7492005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6

BANK MGT DECISIONS FIN 445 3 CREDITS
 Prereq: STAT 326 AND FIN 330 OR ECON 353
 Note: COURSE RESTRICTED TO FIN AND AG B MAJORS ONLY
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 3696005 A T 6:10-9:00PM
 MEETS: JAN 10-MAY 6

CORPOR RISK MGT&INS FIN 462 3 CREDITS
 Prereq: 301, STAT 326
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY.
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 9268005 A MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

REAL ESTATE FINANCE FIN 472 3 CREDITS
 Prereq: 301, STAT 326
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY.
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 4555005 A MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 4555010 B MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

INTRNATIONL FINANCE FIN 480 3 CREDITS
 Prereq: FIN 301, STAT 326
 Note: COURSE RESTRICTED TO FIN AND I BUS MAJORS
 ONLY.
 5131005 A TR 11:00-12:15
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY FIN 490 1- 3 CREDITS
 Prereq: 301, STAT 326, PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO FIN MAJORS ONLY
 Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BANKING INTERNSHIP FIN 499A 1- 3 CREDITS
 Prereq: 330,445; STAT 326; GPA 2.5; PERMISSION OF
 INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 9403005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

INSURANCE INTERNSHP FIN 499B 1- 3 CREDITS
 Prereq: 361; STAT 326; GPA 2.5; PERMISSION OF
 INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 9555005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

INTERNS REAL ESTATE FIN 499C 1- 3 CREDITS
 Prereq: 301 PLUS 3 ADDITIONAL CREDITS IN FINANCE;
 STAT 326; GPA 2.5; PERMISSN OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 3098005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

INTERNSHIP INVESTMT FIN 499D 1- 3 CREDITS
 Prereq: 320, STAT 326, GPA 2.5, PERMISSION OF
 INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 6516005 ARRANGED
 MEETS: JAN 10-MAY 6

FIN VALUAT&CORP DEC FIN 501X 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 Note: RESTRICTED TO BUSAD GRADUATE STUDENTS ONLY
 9393005 A M 8:30-11:50 DARK F
 MEETS: JAN 10-APRIL 4
 9393600 XA M 5:50-9:10PM DARK F
 MEETS: JAN 10-APRIL 4
 Note: NON-BUSINESS GRADUATE STUDENTS NEED TO CONTACT
 BUSINESS GRADUATE OFFICE FOR APPROVAL AT 515-294-8118
 OR DLJOHNS@IASTATE.EDU.
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by DES MOINES
 Tuition Category: Des Moines MBA

CASE STU FIN DECISN FIN 515 3 CREDITS
 Prereq: 505
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7163600 XA T 5:50-9:10PM STOVER R
 MEETS: JAN 11-APRIL 5
 Note: NON-BUSINESS GRADUATE STUDENTS NEED TO CONTACT
 BUSINESS GRADUATE OFFICE FOR APPROVAL AT 515-294-8118
 OR DLJOHNS@IASTATE.EDU.
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by DES MOINES
 Tuition Category: Des Moines MBA

INVESTMENTS FIN 520 3 CREDITS
 Prereq: 505
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3704005 A R 6:00-9:20PM SAPP T
 MEETS: JAN 13-APRIL 7

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

FOOD SCIENCE & HUMAN NUTRITION

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD & THE CONSUMER FS HN 101 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
 3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
 3659005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 3659600 XW ARRANGED WILSON L
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$155.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

INTRO CULINARY SKLLS FS HN 104 1 CREDIT
 Note: COURSE RESTRICTED TO CS A, CS H MAJORS ONLY
 8416005 1 ARRANGED
 MEETS: JAN 10-MAY 6

PROFESSNL&EDUC PREP FS HN 110 1 CREDIT
 Satisfactory-Fail Only.
 3661005 TR 2:10-3:00
 MEETS: JAN 10-MARCH 4

FUND OF FOOD PREPAR FS HN 111 3 CREDITS
 Prereq: 101 OR 167; H.S. CHEMISTRY OR CHEM 160
 Note: COURSE RESTRICTED TO HRI, HSP M, & FCEDS MAJORS
 3602005 1 MW 9:00-9:50
 M 1:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$50.00
 3602010 2 MW 9:00-9:50
 W 1:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$50.00
 3602015 3 MW 9:00-9:50
 F 1:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$50.00

DEV LEARNRS&LEADERS FS HN 114 2 CREDITS
 8117005 1 W 9:00-10:50
 MEETS: JAN 10-MAY 6
 8117010 2 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

INTRO HUMAN NUTRITN FS HN 167 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
 3600005 1 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 3600600 XW ARRANGED MARTIN R
 MEETS: JAN 10-MAY 2
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$100.00

ISSU FOOD SCI&NUTRI FS HN 203 1 CREDIT
 8685005 1 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 8685010 2 R 8:00-8:50
 MEETS: JAN 10-MAY 6
 8685015 3 F 3:10-4:00
 MEETS: JAN 10-MAY 6

SCIENTIF STUDY FOOD FS HN 214 5 CREDITS
 Prereq: 167 OR 261; CHEM 231 OR 331
 3603005 1 MWF 1:10-2:00
 TR 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$75.00
 3603010 2 MWF 1:10-2:00
 TR 1:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$75.00

NUTRI ACTIV LIFSTYL FS HN 265 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN BBMB 301
 6232005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

UNSTD GRP&WINE SCI FS HN 276X 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY
 9483005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

COOPERATV EDUCATION FS HN 298 R CREDIT
 Prereq: PERMSN OF DEPT CHAIR; SOPH CLASSIFICATION
 3551005 1 ARRANGED
 MEETS: JAN 10-MAY 6

FOOD CHEMISTRY FS HN 311 3- 4 CREDITS
 Prereq: 203, TSM 115, CHEM 231 & 231L OR 331 &
 331L; CR OR ENROLLMENT IN BBMB 301
 Note: Available for nonmajor graduate credit
 3669600 XW ARRANGED BOYLSTON T
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$206.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

FOUNDTN CULINARY SCI FS HN 314 1 CREDIT
 Prereq: 214, JUNIOR CLASSIFICATION
 8446005 1 W 9:00-9:50
 MEETS: JAN 10-MAY 6

WORLD FOOD ISSUES FS HN 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 1923005 1 TR 11:00-12:20 ZDORKOWSKI G
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$0.00-\$15.00
 1923010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 10-MAY 6
 Note: SEC 2 RESTRICTED AGRON, CS A, CS H, DIETA, DIETH,
 FS A, S A, FS H, NS A, NS H, PDEXA & PDEXH MAJORS.
 Professional support fee \$0.00-\$15.00
 1923015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$0.00-\$15.00
 1923020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 10-MAY 6
 Note: SEC 4 RESTRICTED AGRON, CS A, CS H, DIETA, DIETH,
 FS A, FS H, NS A, NS H, PDEXA AND PDEXH MAJORS.
 Professional support fee \$0.00-\$15.00
 1923600 XW ARRANGED FORD C
 MEETS: JAN 10-MAY 6
 Note: CONTACT CLARK FORD FOR PERMISSION TO REGISTER AT
 515-294-0343/CFPFORD@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$155.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

UNIT OP FOOD PROCES FS HN 351 3 CREDITS
 Prereq: A COURSE IN CALCULUS, PHYS 106
 Note: Available for nonmajor graduate credit
 7085005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$10.00

NUTRI&HEALTH ASESMT FS HN 361 2 CREDITS
 Prereq: CR OR ENROLLMT IN 360; 3 CREDITS IN STAT
 Note: Available for nonmajor graduate credit
 3608005 1 T 1:10-2:00
 T 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$50.00
 3608010 2 T 1:10-2:00
 R 1:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$50.00

NUTRIT GROWTH & DEV FS HN 362 3 CREDITS
 Prereq: 360; CR OR ENRLMT IN A PHYSIOLOGY COURSE
 Note: Available for nonmajor graduate credit
 7271005 1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

COMMUNCT NUTRI MSGS FS HN 366X 2 CREDITS
 Prereq: 167 OR 265
 Note: COURSE RESTRICTED TO COLLEG EOF HUMAN
 SCIENCE COLLEGE ONLY.
 9536005 MW 11:00-11:50
 MEETS: JAN 10-MAY 6

COOPERATV EDUCATION FS HN 398 R CREDIT
 Prereq: PERMSN OF DEPT CHAIR; JUNIOR CLASSIFICATN
 3596005 1 ARRANGED
 MEETS: JAN 10-MAY 6

FOOD LAWS®L PROC FS HN 403 2 CREDITS
 Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT
 200 LEVEL OR ABOVE
 Note: Available for nonmajor graduate credit
 3679005 1 MW 3:10-4:00
 MEETS: JAN 10-MAY 6

FOOD QUAL ASSURANCE FS HN 405 3 CREDITS
 Prereq: 214 OR 272 OR 471; STAT 101 OR 104
 Note: Available for nonmajor graduate credit
 3667005 1 MF 1:10-2:00
 W 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$50.00
 3667010 2 MF 1:10-2:00
 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$50.00

SAFTY FOOD FROM ANI FS HN 407 3 CREDITS
 Prereq: 420
 1882005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD ANALYSIS FS HN 410 3 CREDITS
 Prereq: 214 OR 311 OR BBMB 311 OR CHEM 211;
 TSM 115
 Note: Available for nonmajor graduate credit
 3668005 1 MW 10:00-10:50
 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00
 3668010 2 MW 10:00-10:50
 R 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$80.00

FOOD INGRED INTERAC FS HN 411 2 CREDITS
 Prereq: 214 OR 311
 Note: Available for nonmajor graduate credit
 3613005 1 F 8:00-8:50
 F 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$50.00

FOOD PRODUCT DEVELP FS HN 412 4 CREDITS
 Prereq: 311 OR 411, 471
 Note: Available for nonmajor graduate credit
 3618005 1 TR 1:10-2:00
 TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$75.00

MEDICAL DIETETICS I FS HN 442 8 CREDITS
 Prereq: FOR STUDENTS ENROLLED IN THE DIETETIC
 INTERNSHIP PROGRAM
 Satisfactory-Fail Only.
 4316600 XW ARRANGED ANDERSON J
 MEETS: JAN 4-MAY 6
 Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER
 AT 515-294-7316/JANDERSO@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$450.00

MEDICAL DIETETCS II FS HN 443 3 CREDITS
 Prereq: CONCURRENT ENROLLMNT IN 442. FOR STUDENTS
 ENROLLED IN THE DIETETIC INTERNSHIP PROGRAM.
 Satisfactory-Fail Only.
 4594600 XW ARRANGED ANDERSON J
 MEETS: JAN 4-MAY 6
 Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER
 AT 515-294-7316/JANDERSO@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$200.00

PROF DEVEL ASSESSMT FS HN 448 1 CREDIT
 Prereq: CONCURRENT ENROLLMNT DIETETIC INTERNSHIP
 Satisfactory-Fail Only.
 6885600 XW ARRANGED ANDERSON J
 MEETS: JAN 4-MAY 6
 Note: CONTACT JEAN ANDERSON FOR PERMISSION TO REGISTER
 AT 515-294-7316/JANDERSO@IASTATE.EDU.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$100.00

MED NUTRI&DISEAS II FS HN 464 3- 4 CREDITS
 Prereq: 360, 461, 3 CR IN PHYSIOLOGY AT 300 LEVEL
 OR ABOVE
 4599005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A OFFERED FOR 3 CREDITS SPRING 2011.

NUTR COUNS&ED METHD FS HN 466 3 CREDITS
 Prereq: 362
 3616005 1 MW 9:00-10:50
 MEETS: JAN 10-MAY 6

NUTRITION AND AGING FS HN 469X 3 CREDITS
 Prereq: 3 CREDIT NUTRITION COURSE
 Note: COURSE RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 MAJORS ONLY.
 Available for nonmajor graduate credit
 9508005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

PRO COMM FD SC&NUTR FS HN 480 1 CREDIT
 Prereq: 203, SENIOR CLASSIFICATN IN THE DEPARTMT
 3611005 1 MW 12:10-1:00
 MEETS: JAN 10-MARCH 4
 3611010 2 MW 12:10-1:00
 MEETS: MARCH 7-MAY 6
 3611015 3 MW 3:10-4:00
 MEETS: JAN 10-MAY 6

ISSUES FOOD SAFETY FS HN 489 1 CREDIT
 Prereq: 419 OR 420; 403; CREDIT OR ENROLLMENT
 IN 101 OR 272 OR HRI 233
 8347005 MW 3:10-4:00
 MEETS: MARCH 7-MAY 6

IND STUDY DIETETICS FS HN 490A 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FOOD SCI FS HN 490B 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NUTRITION FS HN 490C 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INT'L EXP FS HN 490D 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ENTREPREN FS HN 490E 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FS HN 490H 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD GRADUATION. COURSE RESTRICTED TO UNIVERSITY
 HONORS STUDENTS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK DIETETICS FS HN 491A 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK FOOD SCI FS HN 491B 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 3 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK CULINARY FS HN 491D 1- 4 CREDITS
 Prereq: ADVANCE APPROVAL OF INSTRUCTOR & ADVISER
 Note: NO MORE THAN 4 CREDITS OF FS HN 491 MAY BE
 APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD PREPAR WRKSHOP FS HN 493X 1- 3 CREDITS
 Note: OFFERED FOR 1 CREDIT SPRING 2011
 Satisfactory-Fail Only.
 8935005 A M 5:30-8:50PM
 MEETS: JAN 31-FEB 28
 Note: SEC A TOPIC: GLUTEN-FREE COOKING
 Materials and equipment use fee \$20.00
 8935010 B M 5:30-8:50PM
 MEETS: MARCH 21-APRIL 25
 Note: SEC B TOPIC: PASTA PASTA
 Materials and equipment use fee \$20.00

SERV LEARN HUM NUTR FS HN 494X 1 CREDIT
 Prereq: 360; PERMISSION OF INSTRUCTOR REQUIRED
 WHEN TAKING COURSE A SECOND TIME.
 Satisfactory-Fail Only.
 9028005 W 8:00-8:50
 MEETS: JAN 10-MAY 6

COOPERATV EDUCATION FS HN 498 R CREDIT
 Prereq: PERMSN OF DEPT CHAIR; SENIOR CLASSIFICATN
 3601005 1 ARRANGED
 MEETS: JAN 10-MAY 6

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

UNDERGRAD RESEARCH FS HN 499 1- 6 CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSES TO WORK
 Note: NO MORE THAN 6 CREDITS OF FS HN 499 MAY BE
 APPLIED TOWARD GRADUATION

 SEE DEPT FOR REFERENCE NUMBERS

ADV FOOD SCI - CHEM FS HN 502 1 CREDIT
 Prereq: 3 CREDITS IN ORGANIC CHEMISTRY
 3606005 1 TR 2:10-3:30
 MEETS: JAN 10-FEB 11

ADV FOOD SCI:MICROB FS HN 504 1 CREDIT
 Prereq: 3 CR EACH MICROBIOL & ORGANIC CHEMISTRY
 3632005 1 TR 2:10-3:30
 MEETS: FEB 14-MARCH 25

SAFTY FOOD FROM ANI FS HN 507 3 CREDITS
 Prereq: MICRO 420
 2196005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

SNSRY EVAL OF WINES FS HN 509X 1 CREDIT
 4545005 R 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$150.00

FOOD PRODUCT DEVELP FS HN 512 4 CREDITS
 Prereq: 311 OR 411, 471
 5580005 1 TR 1:10-2:00
 TR 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$75.00

MICROBIOLOGY OF FOOD FS HN 521X 2 CREDITS
 Prereq: MICROBIOLOGY WITH LABORATORY
 7363600 XG ARRANGED
 MEETS: JAN 18-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Available for nonmajor graduate credit
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

FOOD SAFETY& SECRTY FS HN 523X 2 CREDITS
 Prereq: MICROBIOLOGY WITH LABORATORY
 9070600 XG ARRANGED
 MEETS: JAN 18-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

PRINCIPLES OF HACCP FS HN 525X 2 CREDITS
 1125600 XG ARRANGED
 MEETS: JAN 18-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

FERMNTD FOOD MICROB FS HN 527X 2 CREDITS
 1915600 XG ARRANGED
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

PRIN INDU FD DEFENS FS HN 528X 2 CREDITS
 Prereq: ENROLLMENT IN FOOD SAFETY AND DEFENSE
 GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
 9071600 XG ARRANGED
 MEETS: JAN 18-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

INTRO DNA TECHNIQS FS HN 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only
 7123005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 11-FEB 10

INTR PROTEIN TECHNQ FS HN 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7124005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 15-MARCH 24

INTRO CELL TECHNIQS FS HN 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7130005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ FS HN 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7131005 WF 12:30-4:00
 MEETS: FEB 2-APRIL 27

INTR METABLMCS TCNQ FS HN 542F 1 CREDIT
 Satisfactory-Fail Only.
 6472005 1 M 1:10-2:00 PERERA M
 M 2:10-4:00 PERERA M
 MEETS: FEB 7-APRIL 18

INTRO GENOMIC TECNQ FS HN 542G 1 CREDIT
 Satisfactory-Fail Only.
 7705005 MW 1:10-2:00
 MW 2:10-4:00
 MEETS: MARCH 2-30

NUTR ED FOR EDUCTRS FS HN 546X 2 CREDITS
 9233005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 9233600 XW ARRANGED BASSLER E
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$70.00

NUTR COUNS&ED METHD FS HN 566 3 CREDITS
 Prereq: GRAD STUDENT STATUS
 Note: SCHEDULED HOURS ARE FOR EXAMS AND PROJECT
 CONFERENCES.
 2223005 1 MW 9:00-10:50
 MEETS: JAN 10-MAY 6

SEMINAR FS HN 581 1 CREDIT
 Satisfactory-Fail Only.
 7974005 T 11:00-11:50
 MEETS: JAN 10-MAY 6

SPCL TOPICS NUTRITN FS HN 590A 1- 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FOOD SCI FS HN 590B 1- 3 CREDITS
 Prereq: INSTRUCTOR PERMISSION

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING FS HN 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT FS HN 599 VAR. CREDITS
 3213005 ARRANGED
 MEETS: JAN 10-MAY 6
 3213045 MT ARRANGED
 MEETS: JAN 10-MAY 6

CARBS:STRUC,PROP,AP FS HN 614 3 CREDITS
 Prereq: 311 OR 411 OR 502 OR BBMB 404
 3684005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

ADV FOOD MICROBIOLG FS HN 626 3 CREDITS
 Prereq: 420 OR 421 OR 504
 3685005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

SEMINAR FS HN 681 1 CREDIT
 3648005 W 4:10-5:00
 MEETS: JAN 10-MAY 6

SEMINAR REFLECTION FS HN 682X R CREDIT
 Satisfactory-Fail Only.
 9178005 1 W 4:10-5:00
 MEETS: JAN 10-MAY 6

FOOD SCIENCE & HUMAN NUTRITION (CONTINUED)

SPECIAL PROBLEMS FS HN 690 VAR. CREDITS
 Prereq: 502 OR 503 OR 504 OR 553 OR 554
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FOOD SCI&TEC FS HN 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

WOOD PROPERTIES &ID FOR 280 4 CREDITS
 1420005 A TR 9:30-10:50
 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00

PESTICIDE APPL CERT FOR 283 2 CREDITS
 5219005 MW 2:10-3:00 HOLSCHER K
 MEETS: JAN 10-MAY 6

SPL PROB LEADERSHIP FOR 290A 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 7928005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL PROB ECOSYS MGT FOR 290B 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 7929005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL PRB RESRC CNSRV FOR 290C 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 7930005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL PROB URB&COMMUN FOR 290D 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 7931005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL PROB WOOD SCIEN FOR 290E 1- 4 CREDITS
 Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
 7932005 ARRANGED
 MEETS: JAN 10-MAY 6

SILVICULTURE FOR 302 3 CREDITS
 Prereq: 201
 Note: Available for nonmajor graduate credit
 3718005 A MF 2:10-3:00
 W 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$20.00

FOREST INSCT&DIS EC FOR 416 4 CREDITS
 Prereq: 8 CR IN BIOL SCI, INCLUDING BIOL 211
 Note: Available for nonmajor graduate credit
 3729005 1 TR 11:00-12:20
 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$10.00

FOREST RESOURC ECON FOR 451 4 CREDITS
 Prereq: 203, ECON 101, MATH 150
 Note: Available for nonmajor graduate credit
 3731005 A MWF 10:00-10:50
 M 3:10-6:00PM
 MEETS: JAN 10-MAY 6

RESOURCE POLICY&ADM FOR 453 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 3733005 A MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$10.00

FORESTRY PRACTICUM FOR 454 3 CREDITS
 Prereq: 20 CREDITS IN STUDENT'S MAJOR AT
 300 LEVEL OR ABOVE
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 3734005 A F 9:00-9:50
 MW 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$10.00

CR COMP FOR BIOLOGY FOR 599A 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMETRY FOR 599B 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FO&REC ECON FOR 599C 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY (CONTINUED)

CR COMP FOR MGT&ADM FOR 599D 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO WOOD SCI FOR 599E 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEMINAR FOR 696 1 CREDIT
 Satisfactory-Fail Only.
 8834005 W 4:10-5:30
 MEETS: JAN 10-MAY 6

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RESRCH FOR 699B 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&ADMIN RSRCH FOR 699D 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RESRCH FOR 699E 1-12 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH PLANT PHYSIOL FOR 699F 1-12 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTRY FRENCH II FRNCH 102 4 CREDITS
 Prereq: 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL FRENCH MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt
 3804005 1 MTWR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

3804010 2 MTWR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

3804015 3 MTWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INTERMED FRENCH II FRNCH 202 4 CREDITS
 Prereq: 201
 Note: Meets international perspectives reqmt
 3809005 1 MTWR 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

3809010 2 MTWR 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

READ&WRITING FRENCH FRNCH 301 3 CREDITS
 Prereq: 202. CONCURRENT ENROLLMENT IN 305 AND/OR
 310 IS ENCOURAGED.
 Note: Meets international perspectives reqmt
 3811005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

READ&WRIT FRENCH II FRNCH 302 3 CREDITS
 Prereq: 301
 6543005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

6543010 2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

BUSINESS FRENCH FRNCH 304 3 CREDITS
 Prereq: 301 OR INSTRUCTOR PERMISSION
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 5887005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

MODERN FRENCH LIT FRNCH 333 3- 4 CREDITS
 Prereq: 302. 4TH CREDIT: WLC DEPARTMENT MAJOR;
 3 CREDITS OF 326,333,334.
 Note: Meets international perspectives reqmt
 3817005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

FR FILM STU IN ENGL FRNCH 378 3 CREDITS
 6267005 1 MW 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

FRENCH

(CONTINUED)

MODERN FRANCE&CIVLZ FRNCH 472 3- 4 CREDITS
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3815005 1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: SEC 1 OFFERED FOR 3 CREDITS SPRING 2011
 Materials and equipment use fee \$25.00

INDEPENDENT STUDY FRNCH 490 1- 6 CREDITS
 Prereq: PERMISSION OF FRENCH STAFF AND DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN FRNCH 490 MAY BE
 APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH INTERNSHIP FRNCH 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF FRENCH AT THE 300 LEVEL;
 PERMISSION OF ADVISOR AND WLC INTERNSHIP COORD. WORK
 EXPERIENCE USING FRNCH LANG SKILLS IN PUBLIC/PRIVATE
 SECTOR, COMBINED W/ ACAD WK UNDER FACULTY SUPERVISN
 Note: CREDIT IN FRNCH 499 MAY ONLY APPLY TOWARD
 GRADUATION IN THE LCP MAJOR. NO MORE THAN 3 CREDITS
 IN FRNCH 499 MAY BE APPLIED TOWARD GRADUATION IN
 THE MAJOR.
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENETICS

HEREDITY & SOCIETY GEN 260 3 CREDITS
 Prereq: ONE SEMESTER OF COLLEGE BIOL OR ANTHR 202
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 3829005 TR 10:00-11:20
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN GEN 298 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; SOPHOMORE CLASSIFICATION
 4225005 ARRANGED
 MEETS: JAN 10-MAY 6

PRINCIP OF GENETICS GEN 313 3 CREDITS
 Prereq: BIOL 211L & 212L, CREDIT OR ENROLLMENT
 IN ORGANIC CHEMISTRY
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 9559005 1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

GENETICS LABORATORY GEN 313L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 313
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 9560005 1 MW 10:00-10:30
 MW 10:30-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

9560010 2 MW 10:00-10:30
 MW 10:30-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

9560015 3 MW 1:10-1:30
 MW 1:30-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

9560020 4 MW 1:10-1:30
 MW 1:30-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

9560025 5 MW 4:10-4:30
 MW 4:30-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

9560030 6 MW 4:10-4:30
 MW 4:30-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

9560035 7 TR 9:30-10:00
 TR 10:00-11:20
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

9560040 8 TR 9:30-10:00
 TR 10:00-11:20
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

9560045 9 TR 12:40-1:10
 TR 1:10-2:30
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

9560050 10 TR 12:40-1:10
 TR 1:10-2:30
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

9560055 11 TR 3:40-4:10
 TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$200.00

9560060 12 TR 3:40-4:10
 TR 4:10-5:30
 MEETS: JAN 10-MAY 6

GENETICS

(CONTINUED)

GENETICS LABORATORY GEN 313L 1 CREDIT
 Note: Materials and equipment use fee \$200.00

GENET, AGRI&BIOTECHN GEN 320 3 CREDITS
 Prereq: GEN 320 OR BIOL 313
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313
 AND 313L, GEN/AGRON 320
 3539005 TR 8:00-9:20 SALAS-FERNANDEZ
 MEETS: JAN 10-MAY 6

HUMAN GENETICS GEN 340 3 CREDITS
 Prereq: GEN/BIOL 313
 3794005 TR 11:00-12:30
 MEETS: JAN 10-MAY 6
 3794600 XW ARRANGED GIRTON J
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$156.00
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

COOPERATIVE EDUCATN GEN 398 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; JUNIOR CLASSIFICATION
 4262005 ARRANGED
 MEETS: JAN 10-MAY 6

ANALYTICAL GENETICS GEN 410 3 CREDITS
 Prereq: 313 OR BIOL 313
 Note: Available for nonmajor graduate credit
 3833005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

EVOLUTNARY GENETICS GEN 462 3 CREDITS
 Prereq: BIOL 315
 Note: Available for nonmajor graduate credit
 3835005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

GENETICS RESEARCH GEN 490R 1- 5 CREDITS
 Prereq: GEN/BIOL 313, JR/SR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ATTEND&CRITIQ SEMNR GEN 490S 1 CREDIT
 Prereq: GEN/BIOL 313, JR/SR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD
 GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAB TCHG EXPERIENCE GEN 490U 1- 2 CREDITS
 Prereq: GEN/BIOL 313, JR/SR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: AG LS COLLEGE STUDENTS MAY APPLY NO MORE THAN
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD
 GRADUATION.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC GEN 498 R CREDIT
 Prereq: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; SENIOR CLASSIFICATION
 4281005 ARRANGED
 MEETS: JAN 10-MAY 6

GENETICS - INTERDISCIPLINARY

ETHICS &BIOLGCL SCI GENET 539X 2 CREDITS
 Prereq: GRADUATE CLASSIFICATION OR PERMISSION
 OF INSTRUCTOR
 Satisfactory-Fail Only.
 9221005 R 1:10-3:00
 MEETS: JAN 10-MAY 6

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

WORKSHP IN GENETICS GENET 591 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 9313005 W 3:10-4:00
 MEETS: JAN 10-MAY 6

GENETICS - INTERDISCIPLINARY (CONTINUED)

GRAD RESEARCH ROTAT GENET 697 VAR. CREDITS
 9316005 SR ARRANGED
 MEETS: JAN 10-MAY 6

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

GENETICS, DEVELOPMENT & CELL BIOL

MOLECULAR GENETICS GDCB 511 3 CREDITS
 Prereq: GEN/BIOL 313 AND BBMB 405
 2943005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

PLANT GROWTH&DEVELP GDCB 512 2 CREDITS
 Prereq: BIO 330 OR A COURSE IN DEVELOPMENTAL
 BIOLOGY; GDCB 545 OR BBMB 404, 405 OR GDCB 520
 2114005 MW 10:00-10:50
 MEETS: JAN 10-MAY 6

STAT MOLECULAR GENET GDCB 537 3 CREDITS
 Prereq: 401, 447; GEN 320 OR BIOL 313
 4704005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

INTRO DNA TECHNIQS GDCB 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7089005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 11-FEB 10

INTR PROTEIN TECHNQ GDCB 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7092005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 15-MARCH 24

INTRO CELL TECHNIQS GDCB 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7096005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 29-APRIL 28

INTR PLNT TRNSFM TO GDCB 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7098005 WF 12:30-4:00
 MEETS: FEB 2-APRIL 27

INTR METABLMCS TCNQ GDCB 542F 1 CREDIT
 Satisfactory-Fail Only.
 6467005 1 M 1:10-2:00 PERERA M
 M 2:10-4:00 PERERA M
 MEETS: FEB 7-APRIL 18

INTRO GENOMIC TECNQ GDCB 542G 1 CREDIT
 Satisfactory-Fail Only.
 7424005 MW 1:10-2:00
 MW 2:10-4:00
 MEETS: MARCH 2-30

ADV GENOME INFORMTC GDCB 568 3 CREDITS
 Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430,
 CREDIT OR ENROLLMENT IN GEN 411
 5576005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

COMP FUNC GENOM&BIO GDCB 570 3 CREDITS
 Prereq: BCB 567, BIOL 315, COM S 311, COM S 208
 OR 228, GEN 411, STAT 430
 5577005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS GDCB 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CEL,MOL&DEV BIO SEM GDCB 690A 1 CREDIT
 Satisfactory-Fail Only.
 7142005 F 4:10-5:00
 MEETS: JAN 10-MAY 6

PHYSIOLOGY SEMINAR GDCB 690D 1 CREDIT
 Satisfactory-Fail Only.
 7145005 ARRANGED
 MEETS: JAN 10-MAY 6

EVOLUTION SEMINAR GDCB 690E 1 CREDIT
 Satisfactory-Fail Only.
 7146005 ARRANGED
 MEETS: JAN 10-MAY 6

GENETICS, DEVELOPMENT & CELL BIOL (CONTINUED)

SEM BIOINFRMT&COMPU GDCB 690H 1 CREDIT
 Satisfactory-Fail Only.
 5652005 ARRANGED
 MEETS: JAN 10-MAY 6

RESEARCH SEMINAR GDCB 696 1 CREDIT
 Satisfactory-Fail Only.
 8832005 W 4:10-5:30
 MEETS: JAN 10-MAY 6

SEM MOLEC,C,DV BIO GDCB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2011.
 3856005 M 3:10-5:00
 MEETS: JAN 10-MAY 6

RESEARCH GDCB 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

THE EARTH GEOL 100 3 CREDITS
 3870005 A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 3870010 B MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

THE EARTH: LAB GEOL 100L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 100
 7595005 1 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$20.00
 7595010 2 T 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$20.00
 7595015 3 R 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$20.00
 7595020 4 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$20.00

ENVIRONMNTL GEOLOGY GEOL 101 3 CREDITS
 7596005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

HISTORY OF EARTH GEOL 102 3 CREDITS
 Prereq: 100 OR 201; GEOL MAJORS: CONCURRENT
 ENROLLMENT IN 102L
 3874005 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

HIST OF EARTH: LAB GEOL 102L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 102
 7597005 1 R 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$20.00
 7597010 2 R 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$20.00

GEOLOGIC DISASTERS GEOL 111X 1 CREDIT
 3055005 MW 10:00-10:50
 MEETS: MARCH 7-MAY 6

WORLD WATER RESOURC GEOL 160 3 CREDITS
 3241005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY GEOL 290 2- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC GEOL 298 R CREDIT
 Prereq: 100 OR 201, 100L, 102, 102L, PERMISSION
 OF DEPT COOP EDUC COORDINATOR; SOPH CLASSIFICATION
 4828005 ARRANGED
 MEETS: JAN 10-MAY 6

ENERGY &THE ENVIRON GEOL 324 3 CREDITS
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
 3045005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$50.00

STRUCTURAL GEOLOGY GEOL 356 5 CREDITS
 Prereq: 100 OR 201; PHYS 111, MATH 165 OR 181
 Note: Available for nonmajor graduate credit
 3882005 A MWF 9:00-9:50
 TR 9:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$15.00-\$115.00

GEOLOGY (CONTINUED)

GEOLOGY (CONTINUED)

PETROLOGY GEOL 365 3 CREDITS
 Prereq: 315X, 315L, 316X
 Note: Available for nonmajor graduate credit
 3883005 1 MW 3:10-4:00
 T 2:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Equipment use and field trips & travel fee \$125.00-\$225.00

COOPERATIVE EDUC GEOL 398 R CREDIT
 Prereq: 100 OR 201, 100L, 102, 102L, PERMISSION OF DEPT COOP EDUC COORDINATOR; JUNIOR CLASSIFICATION
 4829005 ARRANGED
 MEETS: JAN 10-MAY 6

PALEOCLIMATOLOGY GEOL 415 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCE
 Note: Available for nonmajor graduate credit
 6233005 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

HYDROLGC MDLNG ANLY GEOL 416X 3 CREDITS
 Prereq: MATH 165 OR 181; PHYS 111 OR 221; AND GEOL 402 OR EQUIVALENT
 Note: Available for nonmajor graduate credit
 8445005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

EXPLORAT SEISMOLOGY GEOL 457 3 CREDITS
 Prereq: 100 OR 201, MATH 165 OR EQUIV EXPERIENCE
 Note: Available for nonmajor graduate credit
 6248005 MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Equipment use and field trips & travel fee \$25.00-\$100.00

GLACIAL & QUATERNARY GEOL 474 3 CREDITS
 Prereq: 100 OR 201 OR EQUIVALENT EXPERIENCE
 Note: Available for nonmajor graduate credit
 8422005 MW 2:10-3:00
 R 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$15.00-\$115.00

INDEPENDENT STUDY GEOL 490 1- 4 CREDITS
 Prereq: 6 CR IN GEOLOGY & PERMISSN OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEOL 495 1 CREDIT
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 8231005 F 4:10-6:00PM
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN GEOL 498 R CREDIT
 Prereq: GEOL 100 OR 201, 100L, 102, 102L, PERMISSN OF DEPT COOP EDUC COORDINATOR; SENIOR CLASSIFICATION
 4830005 ARRANGED
 MEETS: JAN 10-MAY 6

PALEOCLIMATOLOGY GEOL 515 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL SCIENCE AT THE 200 LEVEL OR ABOVE
 6235005 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

HYDROLGC MDLNG ANLY GEOL 516X 3 CREDITS
 Prereq: MATH 165 OR 181; PHYS 111 OR 221; AND GEOL 402 OR EQUIVALENT
 Note: Available for nonmajor graduate credit
 8526005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

EXPLORAT SEISMOLOGY GEOL 557 3 CREDITS
 Prereq: 100 OR 201, MATH 165 OR EQUIV EXPERIENCE
 6311005 MW 10:00-10:50
 F 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Equipment use and field trips & travel fee \$25.00-\$100.00

GLACIAL & QUATERNARY GEOL 574 3 CREDITS
 Prereq: 100 OR 201
 8423005 MW 2:10-3:00
 R 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$15.00-\$115.00

GIS FOR GEOSCIEN II GEOL 588X 3 CREDITS
 Prereq: FAMILIARITY WITH ARCGIS (A FOUNDATION SUCH AS: ENSCI 446, A E 405/525, A E 408/508, C R P451/551, NREM 446, GEOL 452/552, OR EQUIVALENT WITH INSTRUCTOR'S APPROVAL)
 9089005 TR 2:10-4:00
 MEETS: JAN 10-MAY 6

SPL TOP SURFIC PROC GEOL 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH GEOL 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOL 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLGY GEOL 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS PETROLOGY GEOL 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOL GEOL 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIN RESOURC GEOL 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP GEOPHYSICS GEOL 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP MINERALOGY GEOL 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TECTONICS GEOL 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP PALEOECO&CLI GEOL 590N 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ISOTP GCHEM GEOL 590O 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTA&GIS GEOL 590P 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SRFC HYDROL GEOL 590R 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCEANOGRPHY GEOL 590S 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR GEOL 595A 1 CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 8219005 F 4:10-6:00PM
 MEETS: JAN 10-MAY 6

GRADUATE SEMINAR GEOL 595B R CREDIT
 Prereq: SENIOR OR GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 8220005 F 4:10-6:00PM
 MEETS: JAN 10-MAY 6

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

GEOLOGY (CONTINUED)

ADV SEM EARTH MTRLS GEOL 610A 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7605005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV SEM ECONOM GEOL 610B 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7609005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV SEM GEOTECTONIC GEOL 610E 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7606005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV SEM HYDROGEOLOGY GEOL 610F 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7604005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV SEM SURFIC PROC GEOL 610G 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7608005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV SEM SED&STRATIG GEOL 610H 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7607005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV SEM PALEOEC&CLI GEOL 610I 1- 3 CREDITS
 Prereq: GRADUATE STANDING & INSTRUCTOR PERMISSION
 6710005 ARRANGED
 MEETS: JAN 10-MAY 6

RES SURFICIAL PROC GEOL 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRATIGRAPHY GEOL 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEDIMENTATION GEOL 699C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH PALEONTOLOGY GEOL 699D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

RES STRUCTURAL GEOL GEOL 699F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY GEOL 699G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH HYDROGEOLOGY GEOL 699H VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH EARTH SCIENCE GEOL 699I VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MINERAL RESOURC GEOL 699J VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS GEOL 699K VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY GEOL 699L VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TECTONICS GEOL 699M VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES PALEOECO&CLIMAT GEOL 699N VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM GEOL 699O VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CMPUT MTH&GIS GEOL 699P VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES SURFC HYDROLOGY GEOL 699R VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

GERMAN

ELEMENTRY GERMAN II GER 102 4 CREDITS
 Prereq: 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL GERMAN MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt
 3950005 1 MTWR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

3950010 2 MTWR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

3950015 3 MTWR 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

3950020 4 MTWR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

GERMAN (CONTINUED)

INTERMED GERMAN II GER 202 4 CREDITS
 Prereq: 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 BUSINESS EMPHASIS
 Meets international perspectives reqmt
 3954005 1 MTWR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

3954010 2 MTWR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 2 : BUSINESS EMPHASIS
 Materials and equipment use fee \$25.00

COMPOSITION GER 302 3 CREDITS
 Prereq: 202
 3956005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

CONVERSATN:CITY EUR GER 305 3 CREDITS
 Prereq: 202, 301 RECOMMENDED
 Note: Meets international perspectives reqmt
 8405005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

GERMANY TODAY GER 320 3 CREDITS
 Prereq: 301 OR 304
 Note: Meets international perspectives reqmt
 3792005 1 MW 3:10-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

GER FILM&MEDIA STDI GER 378 3- 4 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT,
 6 CREDITS IN GERMAN AT THE 300 LEVEL.
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 Meets international perspectives reqmt
 7143005 1 W 6:00-9:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

TOPCS GER CULTUR ST GER 476 3- 4 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT,
 6 CREDITS IN GERMAN AT THE 300 LEVEL.
 Note: TOPIC: GERMANY CULTURE
 Meets international perspectives reqmt
 3958005 1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC 1 OFFERED FOR 3 CREDITS FOR SPRING 2011.
 Materials and equipment use fee \$25.00

3958020 2 TR 2:10-3:30, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 2 OFFERED FOR 4 CREDITS FOR SPRING 2011.
 Materials and equipment use fee \$25.00

INDEPENDENT STUDY GER 490 1- 6 CREDITS
 Prereq: 6 CR IN GERMAN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN GERMAN 490 MAY BE APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP IN GERMAN GER 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF GERMAN AT THE 300 LEVEL;
 PERMISSION OF ADVISOR AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS OF GER 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GERONTOLOGY

DEATH PART OF LIVNG GERON 373 3 CREDITS
 8516005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$15.00

8516600 XW ARRANGED HEINZ M
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

ECONOMICS OF AGING GERON 378 3 CREDITS
 Prereq: 3 CR IN PRINCIPLES OF ECON; 3 CR IN HD FS
 8564005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

GERONTEC SMART HOME GERON 415X 3 CREDITS
 Prereq: COM S 227 OR COM S 207 OR GERON 377
 Note: Available for nonmajor graduate credit
 9325005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

GERONTOLOGY (CONTINUED)

GERONTOLOGY (CONTINUED)

ENVIR FOR THE AGING GERON 463 3 CREDITS
 Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH,
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 Note: Meets U.S. diversity reqmt
 9003005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$10.00

GERONTL PREPRAC SEM GERON 466 1 CREDIT
 Prereq: 9 CR IN CORE COURSES FOR THE GERON
 MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR
 7869005 ARRANGED SHELLEY M
 MEETS: JAN 10-MAY 6

GERONTOL PRACTICUM GERON 467 3- 6 CREDITS
 Prereq: 466, ADVANCE RESERVATION
 Satisfactory-Fail Only.
 7870005 ARRANGED SHELLEY M
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY GERON 490 VAR. CREDITS
 3052005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMNR:GERONTECHNLGY GERON 501J 3 CREDITS
 9459600 XG ARRANGED
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 515-294-5397/KSMIDT@IASTATE.EDU.
 Meets U.S. diversity reqmt
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

SURV OF GERONTOLOGY GERON 510 1- 3 CREDITS
 3053005 ARRANGED
 MEETS: JAN 10-MAY 6

ADULT DEVELOPMENT GERON 534 3 CREDITS
 2631600 XF ARRANGED MARTIN P
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

2631605 XH ARRANGED
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

ENVIR FOR THE AGING GERON 563 3 CREDITS
 Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH,
 INTERIOR DSGN, REHABILITATION, PSYCH OR HD FS
 Note: Meets U.S. diversity reqmt
 3807005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$10.00
 3807600 XF ARRANGED COOK C
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 515-294-5397/KSMIDT@IASTATE.EDU.
 Meets U.S. diversity reqmt
 Section XF is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

3807605 XH ARRANGED COOK C
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

3807610 XW ARRANGED COOK C
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

AGING IN FAMLY SETT GERON 577 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES
 9006600 XG ARRANGED
 MEETS: JAN 18-MAY 4
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 515-294-5397/KSMIDT@IASTATE.EDU.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

EVAL&RES MTHD GERON GERON 584 3 CREDITS
 8321600 XG ARRANGED
 MEETS: JAN 12-MAY 10
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 515-294-5397/KSMIDT@IASTATE.EDU.
 Tuition Category: GPIDEA Consortium
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium

SPECIAL TOPICS GERON 590 VAR. CREDITS
 3059005 ARRANGED
 MEETS: JAN 10-MAY 6

GLOBAL RESOURCE SYSTEMS

GLOBAL RESOURCE SYS GLOBE 201 3 CREDITS
 6635005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

ISSU GLBL RSRCE SYS GLOBE 211 1- 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 201
 Note: NO MORE THAN 3 CREDITS OF GLOBE 211 MAY BE
 APPLIED TOWARD DEGREE REQUIREMENTS
 Satisfactory-Fail Only.
 6651005 T 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: OFFERED FOR 1 CREDIT SPRING 2011

GLOBLIZTN &SUSTAINB GLOBE 220X 3 CREDITS
 Note: Meets international perspectives reqmt
 3906005 1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 3906010 2 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 3906015 3 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

APPRENTICESHIP GLOBE 221 R CREDIT
 Satisfactory-Fail Only.
 6652005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

INDEPENDENT STUDY GLOBE 290 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 8851005 ARRANGED
 MEETS: JAN 10-MAY 6

INDEP STUDY HONORS GLOBE 290H 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 8852005 ARRANGED
 MEETS: JAN 10-MAY 6

RSRCE SYS INDU NATN GLOBE 301 3 CREDITS
 Prereq: 201, ECON 101 OR 102
 6658005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERNSHIP - GLOBAL GLOBE 321 3- 6 CREDITS
 Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR;
 INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL
 RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND 322
 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 8676005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

INTERNSHIP - U.S. GLOBE 322 3- 6 CREDITS
 Prereq: JUNIOR OR SENIOR IN THE GLOBE MAJOR;
 INSTRUCTOR PERMISSION; APPROVAL BY THE GLOBAL
 RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 12 CREDITS OF GLOBE 322 AND 321
 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 8684005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

SENIOR PROJECT GLOBE 401 3 CREDITS
 Prereq: SENIOR CLASSIFICATION IN GLOBE
 6799005 ARRANGED
 MEETS: JAN 10-MAY 6

GLBE SR PROJ HONORS GLOBE 401H 3 CREDITS
 8914005 ARRANGED
 MEETS: JAN 10-MAY 6

GLOBAL RESOURCE SYSTEMS (CONTINUED)

HEALTH STUDIES

GLBL RSOURC CHALLNG GLOBE 402 3 CREDITS
 6815005 ARRANGED
 MEETS: JAN 10-MAY 6

IND STDY ENTREPRENR GLOBE 490E 1- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE
 APPLIED TOWARD GRADUATION
 8687005 ARRANGED
 MEETS: JAN 10-MAY 6

INDEP STUDY HONORS GLOBE 490H 1- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE
 APPLIED TOWARD GRADUATION
 6817005 ARRANGED
 MEETS: JAN 10-MAY 6

IND STDY SERVICE LRN GLOBE 490Z 1- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
 THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
 Note: NO MORE THAN 4 CREDITS OF GLOBE 490 MAY BE
 APPLIED TOWARD GRADUATION
 6823005 ARRANGED
 MEETS: JAN 10-MAY 6

GLBL RSRC ABRD PREP GLOBE 495 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: PREP FOR INDIA, KARNAATKA STATE.
 'FOOD AND AGRICULTURE IN INDIA: SERVICE LEARNING
 OPPORTUNITIES IN NUTRITION, ENTREPRENEURSHIP &
 DEVELOPMENT' STUDY ABROAD SUMMER 2011
 8845005 ARRANGED
 MEETS: JAN 10-MAY 6

UNDERGRAD RESEARCH GLOBE 499 VAR. CREDITS
 6903005 ARRANGED
 MEETS: JAN 10-MAY 6

1ST AID & EMERG CARE H S 105 2 CREDITS
 4081005 A1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO HHP, KIN H MAJORS
 ONLY
 Materials and equipment use fee \$10.00

4081010 A2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN HHP, KIN H
 MAJORS
 Materials and equipment use fee \$10.00

4081015 B1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC B1 RESTRICTED TO C H E, EX SP, HHP MAJORS
 ONLY
 Materials and equipment use fee \$10.00

4081020 B2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC B2 FOR MAJORS OTHER THAN C H E, EX SP, HHP
 MAJORS
 Materials and equipment use fee \$10.00

4081025 C3 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

4081035 D1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC D1 RESTRICTED TO C H E, EX SP, HHP MAJORS
 ONLY
 Materials and equipment use fee \$10.00

4081040 D2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC D2 RESTRICTED TO MAJORS OTHER THAN C H E,
 EX SP, HHP MAJORS
 Materials and equipment use fee \$10.00

4081050 E3 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

PERS & CONSUMER HLTH H S 110 3 CREDITS
 4082005 A1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO HHP, KIN H, PDEXA,
 PDEXH NMAJORS

4082010 A2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN HHP,
 KIN H, PDEXA, PDEXH

4082015 B1 TR 11:00-12:30
 MEETS: JAN 10-MAY 6
 Note: SEC B1 RESTRICTED TO EX SP, C H E, HHP, PDEXA
 MAJORS ONLY.

4082020 B2 TR 11:00-12:30
 MEETS: JAN 10-MAY 6
 Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN
 C H E, EX SP, HHP, PDEXA.

4082025 C1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

DRUG EDUCATION H S 215 3 CREDITS
 Prereq: PSYCH 101 OR 230

4083005 A1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO EX SP, C H E, HHP MAJORS.

4083010 A2 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN C H E,
 EX SP, HHP.

4083015 B1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC B1 RESTRICTED TO EX SP, C H E, HHP MAJORS.

4083020 B2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC B2 RESTRICTED TO MAJORS OTHER THAN C H E,
 EX SP, HHP.

HEALTH ED ELEM SCHL H S 275 3 CREDITS
 Prereq: HD FS 102 OR 226
 Note: CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. SECONDARY
 LICENSURE STUDENTS SHOULD ENROLL IN 375.
 Instructor permission required 1st week.

4084005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

4084010 2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

INSTR'S 1ST AID&CPR H S 305 2 CREDITS
 Prereq: 105, CURRENT STANDARD FIRST AID AND
 COMMUNITY CPR CERTIFICATION

4086005 1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

GRADUATE STUDIES

PREP FUTR FAC SM II GR ST 586 1- 3 CREDITS
 Prereq: ADMISSION INTO PFF PROGRAM; COMPLETION
 OF GR ST 585 OR PERMISSION OF INSTRUCTOR
 7033005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

PREP FAC TCHG PRACT GR ST 587 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, 585, CR FOR OR
 CONCURRENT ENROLLMENT IN 586
 7679005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

PREP FTR FAC SPL TP GR ST 588 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, 585, CREDIT FOR
 OR CONCURRENT ENROLLMENT IN 586
 8341005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

EXAMINATION ONLY GR ST 600 R CREDIT
 3972005 ARRANGED
 MEETS: JAN 10-MAY 6

REQUIRED ENROLLMENT GR ST 601 R CREDIT
 Note: College permission required.
 4482005 ARRANGED
 MEETS: JAN 10-MAY 6

DOC PRELIM REGISTRA GR ST 680 R CREDIT
 7349005 ARRANGED
 MEETS: JAN 10-MAY 6

GREEK

ELEM ANCIENT GRK II GREEK 102 4 CREDITS
 Prereq: 101
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 Meets international perspectives reqmt
 2374005 1 MTWR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INDEPENDENT STUDY GREEK 490 1- 6 CREDITS
 Prereq: 6 CR IN GREEK; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN GREEK 490 MAY BE
 APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HEALTH STUDIES

(CONTINUED)

HIGHER EDUCATION

(CONTINUED)

COMMUN&PUBLH HEALTH H S 310 3 CREDITS
 Prereq: 110
 Note: COURSE RESTRICTED TO EX SP, C H E, HHP
 JUNIORS AND SENIORS
 4087005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

HUMAN DISEASES H S 350 3 CREDITS
 Prereq: 110 AND BIOL 255,256
 Note: SEC A1 RESTRICTED TO EX SP, C H E, HHP,
 D EXA, D EXH JRS & SRS ONLY. SEC A2 RESTRICTED TO
 MAJORS OTHER THAN D EXA, D EXH, EX SP, C H E, HHP
 JRS & SRS.
 4088005 A1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 4088010 A2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

TEACH-LEARN HLTH ED H S 375 3 CREDITS
 Prereq: 105, 110, 215
 Note: ELEMENTARY LICENSURE STUDENTS SHOULD ENROLL IN
 275. CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION.
 Instructor permission required 1st week.
 4089005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 4089010 2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

WRKSITE HLTH PROMOT H S 380 3 CREDITS
 Prereq: KIN 258, 366, FS HN 167
 Note: COURSE RESTRICTED TO C H E, D EXA, D EXH, EX SP,
 HHP, KIN H JRS & SRS.
 3795005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$20.00

SEARCH STRAT EMPLOY H S 385 R CREDIT
 Prereq: JUNIOR CLASSIFICATION, TO BE TAKEN A
 MINIMUM OF TWO SEMESTERS PRIOR TO EX SP 485
 Note: COURSE RESTRICTED TO C H E, D EXA, D EXH, EX SP,
 HHP, KIN H JRS & SRS.
 Satisfactory-Fail Only.
 3789005 1 R 2:10-3:00
 MEETS: JAN 10-MAY 6
 3789010 2 F 1:10-2:00
 MEETS: JAN 10-MAY 6

TEACH HEALTH ED SEC H S 417 12 CREDITS
 Prereq: 375, ADVANCE REGISTRATION REQUIRED
 Note: Instructor permission required 1st week.
 4091005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$328.00

FIELD EXPERIENCE H S 485 1-16 CREDITS
 Prereq: ALL REQUIRED H S COURSES, PERMISSION OF
 COORDINATOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 4095005 ARRANGED
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY H S 490 1- 3 CREDITS
 Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY H S 490H 1- 3 CREDITS
 Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

HIGHER EDUCATION

HIGHER EDUC IN U.S. HG ED 504 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 Note: FOR HG ED STUDENTS ONLY - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 4111005 1 R 2:10-5:00
 MEETS: JAN 10-MAY 6

LEARN,LDRSHP,CMUNTY HG ED 541 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7154005 T 3:10-5:00
 MEETS: JAN 10-MAY 6

LDRSH&L IN PRACTICE HG ED 545 3 CREDITS
 Prereq: 544, GRADUATE CLASSIFICATION
 6845005 T 11:00-2:00
 MEETS: JAN 10-MAY 6

COLLEGE TEACHING HG ED 561 3 CREDITS
 Prereq: 6 GRADUATE CREDITS
 Note: COURSE RESTRICTED TO EL PS MAJORS ONLY.
 4112005 F 5:00-8:00PM
 S 9:00-5:00
 MEETS: JAN 14-FEB 19

CURR DEV IN COLLEGS HG ED 562 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 4113600 XA FS 8:30-4:30
 MEETS: JAN 28-MARCH 26
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00

STUDENTS AMER HG ED HG ED 578 3 CREDITS
 Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM
 Note: COURSE RESTRICTED TO EL PS MAJORS ONLY.
 7348005 R 9:00-11:50
 MEETS: JAN 10-MAY 6
 7348600 XA RF 9:00-9:00PM LAANAN F
 MEETS: JAN 20-MARCH 4
 Note: THURSDAY CLASSES WILL BE HELD FROM 5:30-9:00 PM
 AND FRIDAY FROM 9:00 AM-5:00 PM.
 Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00
 Taught at, in or by AMES
 7348605 XW WR 4:00-6:00PM EGGLESTON L
 MEETS: FEB 2-MARCH 24
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

TOP CM COL FAC EVAL HG ED 580G 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 4125600 XA ARRANGED EBBERS L
 MEETS: JAN 27-APRIL 15
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00

TOP CM COL ORG&ADMN HG ED 580H 1- 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 4126600 XA ARRANGED DRAKE S
 MEETS: JAN 27-APRIL 29
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00

SPL TOP STDT SERVIC HG ED 590A 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN COLL HG ED 590B 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CURRENT ISS HG ED 590C 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTNL HG ED HG ED 590D 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

SP TOP FED&STAT AFF HG ED 590E 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED HG ED 590F 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES HG ED 590G 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN HG ED 591 1- 4 CREDITS
 Prereq: 9 CREDITS GRADUATE WORK

 SEE DEPT FOR REFERENCE NUMBERS

CAPSTONE SEMINAR HG ED 598 3 CREDITS
 Prereq: COMPLETION OF 30 CREDITS IN EL PS
 Note: FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 6275005 1 TR 10:00-1:00
 MEETS: JAN 10-MARCH 4

CREATIVE COMPONENT HG ED 599 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION

 SEE DEPT FOR REFERENCE NUMBERS

SEMNR COMM COLLEGES HG ED 615B 1- 4 CREDITS
 4139600 XA FS 8:00-6:00PM EBBERS L
 MEETS: JAN 28-29
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00
 Taught at, in or by DES MOINES

HIGHER EDUCATION (CONTINUED)

SEM INT'L HIGHER ED HG ED 615D 1- 4 CREDITS
 Note: TOPIC: TRENDS IN GLOBAL HIGHER EDUCATION
 4141005 T 5:30-8:30PM
 MEETS: JAN 10-MAY 6

FINANCING HIGHER ED HG ED 665 3 CREDITS
 Prereq: 504
 Note: FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 4147005 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6

ACAD ISSUES&CULTURS HG ED 666 3 CREDITS
 Prereq: 504
 Note: FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 7319005 1 T 5:10-8:00PM
 MEETS: JAN 10-MAY 6

STUDENT DEV THRY II HG ED 676 3 CREDITS
 Prereq: 576
 Note: FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR PERMISSION ONLY
 5633005 1 W 2:10-5:00
 MEETS: JAN 10-MAY 6
 5633010 2 M 2:10-5:00
 MEETS: JAN 10-MAY 6

ADV SPECIAL TOPICS HG ED 690 1- 4 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HG ED 699 VAR. CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORICAL, PHILOSOPHICAL & COMP ED

PHILOSOPHY OF EDUC H P C 581 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 4060005 T 5:10-8:00PM
 MEETS: JAN 10-MAY 6

SPCL TOP HIST OF ED H P C 590A 1- 5 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHIL OF ED H P C 590B 1- 5 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPC COMPAR ED H P C 590C 1- 5 CREDITS
 Prereq: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT H P C 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS H P C 690 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH H P C 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORY

INTR WESTERN CIV II HIST 202 3 CREDITS
 Note: Meets international perspectives reqmt
 4151005 1 TR 11:00-11:50 HOUGHTBY J
 W 8:00-8:50
 MEETS: JAN 10-MAY 6

4151010 2 TR 11:00-11:50 HOUGHTBY J
 W 9:00-9:50
 MEETS: JAN 10-MAY 6

4151015 3 TR 11:00-11:50 HOUGHTBY J
 W 8:00-8:50
 MEETS: JAN 10-MAY 6

4151020 4 TR 11:00-11:50 HOUGHTBY J
 W 11:00-11:50
 MEETS: JAN 10-MAY 6

4151025 5 TR 11:00-11:50 HOUGHTBY J
 R 8:00-8:50
 MEETS: JAN 10-MAY 6

4151030 6 TR 11:00-11:50 HOUGHTBY J
 F 8:00-8:50
 MEETS: JAN 10-MAY 6

4151035 7 TR 11:00-11:50 HOUGHTBY J
 F 8:00-8:50
 MEETS: JAN 10-MAY 6

4151040 8 TR 11:00-11:50 HOUGHTBY J
 F 10:00-10:50
 MEETS: JAN 10-MAY 6

4151045 9 TR 11:00-11:50 HOUGHTBY J
 W 10:00-10:50
 MEETS: JAN 10-MAY 6

4151050 10 TR 11:00-11:50 HOUGHTBY J
 W 12:10-1:00
 MEETS: JAN 10-MAY 6

4151055 11 TR 11:00-11:50 HOUGHTBY J
 F 9:00-9:50
 MEETS: JAN 10-MAY 6

4151060 12 TR 11:00-11:50 HOUGHTBY J
 F 10:00-10:50
 MEETS: JAN 10-MAY 6

HISTORY (CONTINUED)

INTR WESTERN CIV II HIST 202 3 CREDITS
 4151065 13 MW 1:10-2:00 MCDONNELL L
 R 8:00-8:50
 MEETS: JAN 10-MAY 6

4151070 14 MW 1:10-2:00 MCDONNELL L
 R 11:00-11:50
 MEETS: JAN 10-MAY 6

4151075 15 MW 1:10-2:00 MCDONNELL L
 F 9:00-9:50
 MEETS: JAN 10-MAY 6

4151080 16 MW 1:10-2:00 MCDONNELL L
 F 10:00-10:50
 MEETS: JAN 10-MAY 6

4151085 17 MW 1:10-2:00 MCDONNELL L
 T 8:00-8:50
 MEETS: JAN 10-MAY 6

4151090 18 MW 1:10-2:00 MCDONNELL L
 T 11:00-11:50
 MEETS: JAN 10-MAY 6

4151095 19 MW 1:10-2:00 MCDONNELL L
 W 11:00-11:50
 MEETS: JAN 10-MAY 6

4151100 20 MW 1:10-2:00 MCDONNELL L
 F 8:00-8:50
 MEETS: JAN 10-MAY 6

4151105 21 MW 1:10-2:00 MCDONNELL L
 R 8:00-8:50
 MEETS: JAN 10-MAY 6

4151110 22 MW 1:10-2:00 MCDONNELL L
 R 11:00-11:50
 MEETS: JAN 10-MAY 6

4151115 23 MW 1:10-2:00 MCDONNELL L
 F 9:00-9:50
 MEETS: JAN 10-MAY 6

4151120 24 MW 1:10-2:00 MCDONNELL L
 F 11:00-11:50
 MEETS: JAN 10-MAY 6

CHINESE CIVILIZATN HIST 207 3 CREDITS
 Note: Meets international perspectives reqmt
 4152005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

SURVEY U.S. HIST I HIST 221 3 CREDITS
 4155005 1 MW 9:00-9:50 NOLL P
 F 9:00-9:50
 MEETS: JAN 10-MAY 6

4155010 2 MW 9:00-9:50 NOLL P
 F 11:00-11:50
 MEETS: JAN 10-MAY 6

SURVEY U.S. HIST II HIST 222 3 CREDITS
 4156005 1 TR 9:30-10:20 COURTWRIGHT J
 F 8:00-8:50
 MEETS: JAN 10-MAY 6

4156010 2 TR 9:30-10:20 COURTWRIGHT J
 F 9:00-9:50
 MEETS: JAN 10-MAY 6

4156015 3 TR 9:30-10:20 COURTWRIGHT J
 W 11:00-11:50
 MEETS: JAN 10-MAY 6

4156020 4 TR 9:30-10:20 COURTWRIGHT J
 W 12:10-1:00
 MEETS: JAN 10-MAY 6

4156025 5 TR 9:30-10:20 COURTWRIGHT J
 R 8:00-8:50
 MEETS: JAN 10-MAY 6

4156030 6 TR 9:30-10:20 COURTWRIGHT J
 R 11:00-11:50
 MEETS: JAN 10-MAY 6

4156035 7 TR 9:30-10:20 COURTWRIGHT J
 F 11:00-11:50
 MEETS: JAN 10-MAY 6

4156040 8 TR 9:30-10:20 COURTWRIGHT J
 F 12:10-1:00
 MEETS: JAN 10-MAY 6

4156045 9 TR 9:30-10:20 COURTWRIGHT J
 F 10:00-10:50
 MEETS: JAN 10-MAY 6

4156050 10 TR 9:30-10:20 COURTWRIGHT J
 F 10:00-10:50
 MEETS: JAN 10-MAY 6

4156055 11 TR 9:30-10:20 COURTWRIGHT J
 W 8:00-8:50
 MEETS: JAN 10-MAY 6

4156060 12 TR 9:30-10:20 COURTWRIGHT J
 W 9:00-9:50
 MEETS: JAN 10-MAY 6

4156065 13 MW 10:00-10:50 DOBBS C
 R 8:00-8:50
 MEETS: JAN 10-MAY 6

4156070 14 MW 10:00-10:50 DOBBS C
 W 12:10-1:00
 MEETS: JAN 10-MAY 6

4156075 15 MW 10:00-10:50 DOBBS C
 R 8:00-8:50
 MEETS: JAN 10-MAY 6

4156080 16 MW 10:00-10:50 DOBBS C
 R 11:00-11:50
 MEETS: JAN 10-MAY 6

4156085 17 MW 10:00-10:50 DOBBS C
 F 8:00-8:50
 MEETS: JAN 10-MAY 6

4156090 18 MW 10:00-10:50 DOBBS C
 F 9:00-9:50
 MEETS: JAN 10-MAY 6

HISTORY

(CONTINUED)

HISTORY

(CONTINUED)

SURVEY U.S. HIST II HIST 222 3 CREDITS
 4156095 19 MW 10:00-10:50 DOBBS C
 F 10:00-10:50
 MEETS: JAN 10-MAY 6
 4156100 20 MW 10:00-10:50 DOBBS C
 F 11:00-11:50
 MEETS: JAN 10-MAY 6

INTR HIST OF SCI II HIST 281 3 CREDITS
 Note: Meets international perspectives reqmt
 4162005 MWF 11:00-11:50 WILSON D
 MEETS: JAN 10-MAY 6

AMER POPULAR CULTUR HIST 307 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 3890005 1 TR 11:00-12:20 BIX A
 MEETS: JAN 10-MAY 6

SCIENCE & RELIGION HIST 323 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 Meets international perspectives reqmt
 4168005 TR 11:00-12:20 WILSON D
 MEETS: JAN 10-MAY 6

ENGLAND 1525-1700 HIST 325 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 4169005 TR 11:00-12:20 GRIFFITHS P
 MEETS: JAN 10-MAY 6

MODERN JAPANESE HIS HIST 338 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 Meets international perspectives reqmt
 8312005 MWF 12:10-1:00 DOBBS C
 MEETS: JAN 10-MAY 6

U.S.-ASIAN RELATNS HIST 339 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 Meets international perspectives reqmt
 7285005 TR 2:10-3:30 LIU X
 MEETS: JAN 10-MAY 6

HIST LATIN AMERI II HIST 341 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 Meets international perspectives reqmt
 4175005 TR 11:00-12:20 PIRES L
 MEETS: JAN 10-MAY 6

U.S. HIST 1900-1945 HIST 360 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 4219005 MWF 12:10-1:00 GUMM A
 MEETS: JAN 10-MAY 6

U.S. 1945-PRESENT HIST 361 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 4220005 1 MW 3:10-4:00 BEHNKEN B
 R 11:00-11:50
 MEETS: JAN 10-MAY 6
 4220010 2 MW 3:10-4:00
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 4220015 3 MW 3:10-4:00
 F 10:00-10:50
 MEETS: JAN 10-MAY 6
 4220020 4 MW 3:10-4:00
 F 12:10-1:00
 MEETS: JAN 10-MAY 6

HIST AMERI AGRIC II HIST 366 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 4180005 MWF 9:00-9:50 GUMM A
 MEETS: JAN 10-MAY 6

WMN ANC ROMAN WORLD HIST 374B 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR
 GREEK
 Note: Meets international perspectives reqmt
 2364005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

EUROP CULTR 1715&ON HIST 383 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 Meets international perspectives reqmt
 1279005 MWF 10:00-10:50 ANDREWS J
 MEETS: JAN 10-MAY 6

TOPICS HIST GLOBAL HIST 396C 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION OR PERMISSION OF
 INSTRUCTOR
 Note: TOPIC: AGE OF EXPLORATION
 2986005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

GREEK CIVILIZATION HIST 402 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Instructor permission required 1st week.
 4192005 TR 9:30-10:50PM HOLLANDER D
 MEETS: JAN 10-MAY 6

EARLY MIDDLE AGES HIST 405 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 Available for nonmajor graduate credit
 4194005 MWF 2:10-3:00 HILL K
 MEETS: JAN 10-MAY 6

EURO ECON 1450-1789 HIST 411X 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: RESTRICTED TO SOPHOMORES AND ABOVE.
 Available for nonmajor graduate credit
 2648005 TR 2:10-3:30 HOUGHTBY J
 MEETS: JAN 10-MAY 6

FRANCE: 1715-1815 HIST 420 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 Available for nonmajor graduate credit
 7629005 TR 11:00-12:20 MONROE J
 MEETS: JAN 10-MAY 6

LONDON 1500-1800 HIST 429 4 CREDITS
 Note: Available for nonmajor graduate credit
 8517005 TR 2:10-3:30 GRIFFITHS P
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

AMER REVOLUTION ERA HIST 451 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 4214005 MWF 10:00-10:50 KEHRBERG R
 MEETS: JAN 10-MAY 6

THE AMERICAN WEST HIST 465 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 Available for nonmajor graduate credit
 4224005 TR 12:40-2:00 COURTWRIGHT J
 MEETS: JAN 10-MAY 6

CHINA AND COLD WAR HIST 479 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 Available for nonmajor graduate credit
 8450005 TR 11:00-12:20 LIU X
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY HIST 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN HISTORY; PERMISSION OF
 DEPARTMENT CHAIR
 Note: SOPHOMORE AND ABOVE CLASSIFICATION. NO MORE
 THAN 6 CREDITS OF HIST 490 MAY BE APPLIED TOWARD
 GRADUATION WITH A MAJOR IN HISTORY. NO CREDITS OF
 HIST 490 MAY BE APPLIED TOWARD A MINOR IN HISTORY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTRIOG&RESRCH WRT HIST 495 3 CREDITS
 Prereq: SR HISTORY MAJORS WITH AT LEAST 12 CR OF
 300+ LEVEL HISTORY COURSES
 Note: COURSE RESTRICTED TO HIST SENIORS ONLY.
 4238005 1 R 1:10-4:00 HOLLANDER D
 MEETS: JAN 10-MAY 6
 4238010 2 M 1:10-4:00 RINEY-KEHRBERG P
 MEETS: JAN 10-MAY 6

PROSEM MEDV EUR HST HIST 512B 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 4244005 T 6:10-9:00PM BYARS J
 MEETS: JAN 10-MAY 6

PROSEM MOD EUR HIST HIST 512C 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 4245005 R 2:10-5:00
 MEETS: JAN 10-MAY 6

HIS METHD H NARRATV HIST 583A 3 CREDITS
 3389005 ARRANGED DOBBS C
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

SPECIAL TOPICS HIST 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORY

(CONTINUED)

SEM 20TH CENTU AMER HIST 593C 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 4273005 T 1:10-4:00 BIX A
 MEETS: JAN 10-MAY 6

RESEARCH HIST 699 1- 6 CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS

SPECIAL PROB HONORS HON 290H VAR. CREDITS
 Prereq: MEMBERSHIP IN AND PERMISSION OF THE
 UNIVERSITY HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PRB HONORS RESR HON 290U VAR. CREDITS
 Prereq: MEMBERSHIP IN AND PERMISSION OF THE
 UNIVERSITY HONORS PROGRAM
 Satisfactory-Fail Only.
 4044005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

UNIV HONORS SEMINAR HON 322 1- 2 CREDITS
 Prereq: MEMBERSHIP IN THE HONORS PROGRAM
 Note: CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS
 COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNIV HONORS SEMINAR HON 324 1- 2 CREDITS
 Prereq: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HON 490 VAR. CREDITS
 Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM,
 PERMISSION OF FACULTY DIRECTOR OF UNIV HONORS PROGRAM
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

DEV LEARNRS&LEADERS HORT 114 2 CREDITS
 8122005 1 W 9:00-10:50
 MEETS: JAN 10-MAY 6
 8122010 2 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

HOME HORTICULTURE HORT 121 2 CREDITS
 4292005 MW 3:10-4:00
 MEETS: JAN 10-MAY 6

HANDS-ON HOME HORTI HORT 122 1 CREDIT
 5497005 A M 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$20.00
 5497010 B W 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$20.00

PRINCIP OF HORTICUL HORT 221 3 CREDITS
 Prereq: BIOL 201
 4296005 A TR 9:00-9:50
 T 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00
 4296010 B TR 9:00-9:50
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00
 4296015 C TR 9:00-9:50
 R 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00

SPANISH FOR HORTICU HORT 225X 3 CREDITS
 Note: COURSE RESTRICTED TO HORT MAJORS ONLY
 9170005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

UNSTDG GRP&WINE SCI HORT 276X 3 CREDITS
 Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY
 9478005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

HORTICULTURE

(CONTINUED)

LANDSCAPE GRAPHICS HORT 280 3 CREDITS
 7183005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

PESTICIDE APPL CERT HORT 283 2 CREDITS
 5221005 MW 2:10-3:00
 MEETS: JAN 10-MAY 6
 HOLSCHER K

PLANT PROPAGATION HORT 322 3 CREDITS
 Prereq: 221 OR BIOL 202
 4304005 A TR 10:00-10:50
 W 9:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$25.00
 Syllabus: <http://www.hort.iastate.edu/courses/syllabi/hort322/>
 4304010 B TR 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$25.00

SHADE TREE CULTIVRS HORT 341 2 CREDITS
 Prereq: 240 OR L A 221 OR L A 222
 2770005 TR 8:00-8:50
 MEETS: JAN 10-MAY 6

SOILS &PLANT GROWTH HORT 354 3 CREDITS
 Prereq: AGRON 154 AND BIOL 101 OR 212
 Note: Available for nonmajor graduate credit
 8494005 1 MWF 8:00-8:50 KILLORN R
 MEETS: JAN 10-MAY 6
 Section info: <http://www.agron.iastate.edu/courses/agron354/>
 8494010 2 MWF 10:00-10:50 LOYNACHAN T
 MEETS: JAN 10-MAY 6
 Section info: <http://www.public.iastate.edu/~teloynac/354out1.html>

PRIN GARDEN COMPOSI HORT 380 2 CREDITS
 Prereq: 240
 Note: L A MAJORS MAY NOT APPLY CREDIT IN HORT 380
 TOWARD GRADUATION
 7264005 TR 9:30-10:20
 MEETS: JAN 10-MAY 6

BEG GARDN COMP STDO HORT 381 2 CREDITS
 Prereq: 240,330, CONCURRENT ENROLLMENT IN 380
 Note: COURSE RESTRICTED TO HORT MAJORS ONLY.
 L A MAJORS MAY NOT APPLY CREDIT IN HORT 381
 TOWARD GRADUATION.
 7284005 A MW 9:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$15.00
 7284010 B MW 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$15.00

HORT MGT EXPERIENCE HORT 391 1 CREDIT
 Prereq: 221, PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE HORTICULTURAL SCIENCES COURSE 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 CREDIT
 Satisfactory-Fail Only.
 3652005 ARRANGED
 MEETS: JAN 10-MAY 6

SUSTNBLE&ENVIR HORT HORT 424 3 CREDITS
 8866005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

PROF TURFGRASS MGMT HORT 451 2 CREDITS
 Prereq: 351
 Note: Available for nonmajor graduate credit
 4319005 T 2:10-5:00
 MEETS: JAN 10-MAY 6

FRUIT&NUT CROP PROD HORT 461 3 CREDITS
 Prereq: 221
 Note: Available for nonmajor graduate credit
 4320005 MW 11:00-11:50
 M 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$50.00

CNTMP ISS GREEN IND HORT 480 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 7234005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

IND ST GREENHS CROP HORT 490A VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

(CONTINUED)

IND STDY NURS CROPS HORT 490B VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY TURFGRASS HORT 490C VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FRUIT CROPS HORT 490D VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY VEG CROPS HORT 490E VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU CROSS-COMMO HORT 490F VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT 490G VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CREDITS
 Prereq: JR OR SR 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
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY
 HONORS STUDENTS.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRNATL INDEP STDY HORT 490I VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR HORT 490J VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU SERVC LEARN HORT 490Z VAR. CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION IN HORT,
 PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
 ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION. COURSE OFFERED FOR 4 CREDITS S11.
 7955005 ARRANGED
 MEETS: JAN 10-MAY 6

SEED SCI INTERNSHIP HORT 491 1- 2 CREDITS
 Prereq: AGRON 338, ADVANCED APPROVAL AND
 PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 Note: Instructor permission required.
 1734005 1 ARRANGED KNAPP A
 MEETS: JAN 10-MAY 6
 1734010 2 ARRANGED MULLEN R
 MEETS: JAN 10-MAY 6

HORTICULTR WORKSHOP HORT 493 VAR. CREDITS
 Note: Available for nonmajor graduate credit
 7617005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

HORTICULTURE

(CONTINUED)

TRAVEL COURSE PREP HORT 495 R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5605005 ARRANGED
 MEETS: JAN 10-MAY 6

INTG MGT TROPIC CROP HORT 511 3 CREDITS
 Prereq: PL P 408 OR 416 OR ENT 370 OR 376 OR HORT
 221
 Note: Meets international perspectives reqmt
 4433005 ARRANGED
 MEETS: JAN 10-MAY 6

SUSTNBLE&ENVIR HORT HORT 524 3 CREDITS
 4105005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

PBLSH BIOL SCI JRNL HORT 529 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; EVIDENCE OF A
 PUBLISHABLE UNIT OF THE STUDENT'S RESEARCH DATA
 2274005 TR 3:10-4:00
 MEETS: JAN 10-MAY 6

INTRO DNA TECHNIQS HORT 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3106005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 11-FEB 10

INTR PROTEIN TECHNQ HORT 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3134005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 15-MARCH 24

INTRO CELL TECHNIQS HORT 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3107005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ HORT 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3133005 WF 12:30-4:00
 MEETS: FEB 2-APRIL 27

INTR METABLMCS TCNQ HORT 542F 1 CREDIT
 Satisfactory-Fail Only.
 6624005 1 M 1:10-2:00
 M 2:10-4:00
 MEETS: FEB 7-APRIL 18

INTRO GENOMIC TECNQ HORT 542G 1 CREDIT
 Satisfactory-Fail Only.
 7491005 MW 1:10-2:00
 MW 2:10-4:00
 MEETS: MARCH 2-30

ORG DIVERSIFIED FARM HORT 546 3 CREDITS
 Prereq: SUSAG 509
 6120005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$40.00

PRO PRACTC RESEARCH HORT 565A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 3176005 1 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 3176010 2 W 11:00-11:50
 MEETS: JAN 10-MAY 6

PRO PRAC INTEL PROP HORT 565B .5 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 3188005 ARRANGED
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS HORT 590 VAR. CREDITS
 Prereq: A MAJOR OR MINOR IN HORTICULTURE
 ***** SEE DEPT FOR REFERENCE NUMBERS

WKSHP GREENHS CROPS HORT 593A VAR. CREDITS
 4339005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

WKSHP NURSERY CROPS HORT 593B VAR. CREDITS
 4340005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

WORKSHOP TURFGRASS HORT 593C VAR. CREDITS
 4341005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

HORTICULTURE (CONTINUED)

WORKSHP FRUIT CROPS HORT 593D VAR. CREDITS
 4342005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

WORKSHOP VEG CROPS HORT 593E VAR. CREDITS
 4343005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

WKSHP CROSS-COMMODT HORT 593F VAR. CREDITS
 4344005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

WKSHP LANDSCAP HORT HORT 593G VAR. CREDITS
 4094005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

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

GRADUATE SEMINAR HORT 610 1 CREDIT
 4346005 Satisfactory-Fail Only.
 M 4:10-5:00
 MEETS: JAN 10-MAY 6

ADVANCED TOPICS HORT 690 VAR. CREDITS
 4348005 ARRANGED
 MEETS: JAN 10-MAY 6

RESEARCH SEMINAR HORT 696 1 CREDIT
 8833005 Satisfactory-Fail Only.
 W 4:10-5:30
 MEETS: JAN 10-MAY 6

HORT TEACH PRACTICM HORT 698 1 CREDIT
 6171005 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 W 4:10-5:00
 MEETS: JAN 10-MAY 6

RSRCH GREENHSE CROP HORT 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH NURSERY CROPS HORT 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TURFGRASS HORT 699C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FRUIT CROPS HORT 699D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH VEG CROPS HORT 699E VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CROSS-COMMODT HORT 699F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH LANDSCAP HORT HORT 699G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOTEL RESTAURANT & INSTITUTION MGMT

HOSPTLT WORK EXPRNC HRI 193 R CREDIT
 Prereq: APPROVED WORK EXPERIENCE IN FOODSERVICE,
 LODGING, OR RELATED OPERATNS. A MINIMUM OF 200 HOURS
 REQUIRED PRIOR TO COMPLETING ONE YEAR IN THE PROGRAM.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOSP SANITAT&SAFETY HRI 233 3 CREDITS
 Note: CREDIT FOR EITHER HRI 392, OR HRI 233 AND
 HRI 333 MAY BE APPLIED TOWARD GRADUATION
 4435005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED TO HRI, HSP M MAJORS ONLY.
 Materials fee \$0.00-\$100.00
 4435010 2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 2 RESTRICTED MAJORS OTHER THAN HRI, HSP M
 Materials fee \$0.00-\$100.00

GLOBAL TOURISM MGT HRI 260 3 CREDITS
 Note: Meets international perspectives reqmt
 6738005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

QUANT FOOD PROD MGT HRI 380 3 CREDITS
 Prereq: 233 OR 2 CR MICRO: FS HN 111 OR 214,
 JUNIOR CLASSIFICATION, ENROLLMENT IN HRI 380L
 Note: Instructor permission required.
 4358005 1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

QUANT FOOD PROD&MGT HRI 380L 2 CREDITS
 Prereq: 233 OR 2 CR. MICRO, FS HN 111 OR 214,
 JUNIOR CLASSIFICATION, ENROLLMENT IN 380, RESERVATION
 WITH PROGRAM REQUIRED
 Note: Instructor permission required.
 4359005 1 TR 10:00-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$50.00-\$125.00
 4359010 2 WF 10:00-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$50.00-\$125.00

INTRO WINE, BEER, SPI HRI 383 2 CREDITS
 Prereq: MUST BE AT LEAST 21 YEARS OLD
 4108005 1 R 3:40-5:30 BURGER S
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED TO HRI HSP M MAJORS ONLY.
 Materials fee \$60.00-\$100.00
 4108010 2 R 3:40-5:30 BURGER S
 MEETS: JAN 10-MAY 6
 Note: SEC 2 FOR MAJORS OTHER THAN HRI, HSP M.
 Materials fee \$60.00-\$100.00

FOODSERVICE MGT II HRI 392 3 CREDITS
 Prereq: 391
 Note: CREDIT IN HRI 392 MAY NOT BE APPLIED TOWARD
 THE DEGREE REQUIREMENTS FOR THE MAJOR IN HRI.
 CREDIT FOR EITHER HRI 392, OR HRI 233 AND HRI 333
 MAY BE APPLIED TOWARD GRADUATION.
 7619005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$0.00-\$15.00

HOSPTLTY WORK EXP I HRI 393 2 CREDITS
 Prereq: 101, 193, 233, 287; ADVISER APPROVAL
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOSPTLT FINANCL MGT HRI 433 3 CREDITS
 Prereq: 333; ACCT 284; ECON 101; CREDIT OR
 ENROLLMENT IN STAT 101
 9349005 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

LODGING OPER MGT II HRI 452 3 CREDITS
 Prereq: 352; COM S 103
 Note: Available for nonmajor graduate credit
 6696005 TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$0.00-\$50.00

INTR STRATG MGT F&L HRI 455 3 CREDITS
 Prereq: 340; CR OR ENROLLMENT IN 433; 438
 9580005 1 M 10:00-11:50
 W 10:00-10:50
 MEETS: JAN 10-MAY 6

ISSUES FOOD SAFETY HRI 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR 272
 OR HRI 233; FS HN 419 OR 420; FS HN 403
 8349005 MW 3:10-4:00
 MEETS: MARCH 7-MAY 6

IND ST HOSPILITY MGT HRI 490B VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HRI 490D VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FOODSRVC OP HRI 490E VAR. CREDITS
 Prereq: PROGRAM APPROVAL
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HRI 490H VAR. CREDITS
 Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN
 HONORS PROGRAM
 Note: COURSE IS RESTRICTED TO UNIVERSITY HONORS
 STUDENTS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP FOODSERV HRI 491A 2 CREDITS
 Prereq: 193, 287, 352 OR 380, 380L; ADVISOR
 APPROVAL
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LODGING HRI 491B 2 CREDITS
 Prereq: 352 OR 380, 380L; ADVISER APPROVAL.
 EXPERIENCE IN AT LEAST TWO DIFFERENT POSITIONS &
 SUPERVISORY RESPONSIBILITIES.
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOTEL RESTAURANT & INSTITUTION MGMT (CONTINUED)

HUMAN COMPUTER INTERACTION (CONTINUED)

COOPERATIVE EDUCATN HRI 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 6717005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMNR CURRENT ISSUE HRI 504B 1 CREDIT
 5758005 1 ARRANGED
 MEETS: JAN 10-MAY 6

FIN DECISN FDSV&LDG HRI 533 3 CREDITS
 Prereq: 433
 9350005 1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

STRATG MGT FDSV&LDG HRI 555 3 CREDITS
 Prereq: COURSES IN MKT AND FIN MANAGEMENT
 4230005 1 M 10:00-11:50
 W 10:00-10:50
 MEETS: JAN 10-MAY 6

PRO EXPRNC FDS&LODG HRI 575 2 CREDITS
 Prereq: ACCEPTED IN HRIM GRADUATE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP HOSPITLTY MGT HRI 590B VAR. CREDITS
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LODGING OPER HRI 590D VAR. CREDITS
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP FOOD SERV OP HRI 590E VAR. CREDITS
 Prereq: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HRI 599 VAR. CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONL WRITING HRI 604 2 CREDITS
 8484005 1 ARRANGED
 MEETS: JAN 10-MAY 6

HRIM TEACHING EXPER HRI 675 1- 2 CREDITS
 Prereq: ACCEPTED IN PH D PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANALY OF RSRCH FDSV HRI 680 3 CREDITS
 Prereq: ENROLLMENT IN PH D PROGRAM
 3498005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOP HSPITLTY MGT HRI 690B VAR. CREDITS
 Prereq: ENROLLMENT IN DOCTORAL PROGRAM
 2664600 XA ARRANGED BOSSELMAN R
 MEETS: JAN 10-MAY 6
 Note: CONTACT ROBERT BOSSELMAN FOR PERMISSION TO
 REGISTER AT 515-294-8550/DRBOB@IASTATE.EDU.
 Instructor permission required.
 Section XA is off campus
 Course delivery is Independent study

ADV TOPIC FOODSRVCE HRI 690E VAR. CREDITS
 Prereq: ENROLLMENT IN DOCTORAL PROGRAM
 2800600 XA ARRANGED BOSSELMAN R
 MEETS: JAN 10-MAY 6
 Note: CONTACT ROBERT BOSSELMAN FOR PERMISSION TO
 REGISTER AT 515-294-8550/DRBOB@IASTATE.EDU.
 Instructor permission required.
 Section XA is off campus
 Course delivery is Independent study

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

HUMAN COMPUTER INTERACTION

PRIN 3D CHAR ANIMAT HCI 407 3 CREDITS
 Prereq: ARTIS 308
 Note: Available for nonmajor graduate credit
 4388005 MWF 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

PRIN 3D CHAR ANIMAT HCI 407H 3- 4 CREDITS
 Prereq: ARTIS 308
 Note: Available for nonmajor graduate credit
 Instructor permission required.
 7339005 MWF 1:10-3:00
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

MNG&EVAL TEC INTRVN HCI 504 3 CREDITS
 Prereq: C I 501
 1781005 R 5:10-8:00PM
 MEETS: JAN 10-MAY 6

METHDS HUMAN&CMPUTR HCI 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7055005 A MWF 11:00-11:50 COSTABILE K
 MEETS: JAN 10-MAY 6

7055600 XE ARRANGED COSTABILE K
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 11-11:50 AM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

OPTMZ MTHD CPLX DSN HCI 525 3 CREDITS
 Prereq: ENGR 160, MATH 265
 6936005 A MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

6936600 XE ARRANGED KALIVARAPU V
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 3:10-4 PM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

COMPUT IMPL&PROTYP HCI 574X 3 CREDITS
 9226005 A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

9226600 XE ARRANGED HARDING C
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 2:10-3 PM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

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

SEM HUMN CPR NTRACT HCI 591 1 CREDIT
 Note: COURSE OFFERED FOR 1 CREDIT FOR SPRING 2011
 3509005 A F 12:10-1:00
 MEETS: JAN 10-MAY 6

3509600 XE ARRANGED WINER E
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE F 12:10-1 PM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$190.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

DSIGN,IMPLMNT,IMPLC HCI 598X 3 CREDITS
 Prereq: 21 CR IN HCI OR INSTRUCTOR PERMISSION
 9487600 XE ARRANGED WINER E
 MEETS: JAN 10-MAY 6
 Note: Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

ADV LRN ENVIR DSIGN HCI 603 3 CREDITS
 Prereq: C I 503
 1844005 T 5:10-8:00PM
 MEETS: JAN 10-MAY 6

HCI INTERNSHIP HCI 697 R CREDIT
 Prereq: GRAD CLASSIFICATION, PERMISSION OF
 DIRECTOR OF GRADUATE EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HCI 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

INDV&FAM LIFE DEVEL HD FS 102 3 CREDITS
 3491600 XW ARRANGED BENTZINGER A
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00
 3491005 1A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 MAJORS ONLY.
 3491010 1B TR 9:30-10:50
 MEETS: JAN 10-MAY 6

ORIENTATION HD FS 111 1 CREDIT
 Satisfactory-Fail Only.
 7003005 M 2:10-3:00
 MEETS: JAN 10-MAY 6

PRSNL FIN ERLY ADLT HD FS 183X 1 CREDIT
 Satisfactory-Fail Only.
 9107600 XW ARRANGED HENNICK J
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

ERLY CHLDHD ED ORIE HD FS 208 1 CREDIT
 Satisfactory-Fail Only.
 4390005 W 3:10-4:00
 MEETS: JAN 10-MAY 6

PRO ORIENT&SRVC LRN HD FS 218 2 CREDITS
 Prereq: 102
 Note: COURSE RESTRICTED TO CH FS, ECE, FFHP, F R M,
 H N E & HD FS, MAJORS ONLY
 Satisfactory-Fail Only.
 2190005 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$15.00

DEV&GUID: BIRTH-2YR HD FS 220 3 CREDITS
 Prereq: 102
 Note: RESTRICTED TO CH FS, ECE SOPHMORES, JUNIORS
 AND SENIORS ONLY. LAB PLACEMENT LOCATIONS ASSIGNED
 AT FIRST LECTURE CLASS. PROOF OF LIABILITY INSURANCE
 & A BACKGROUND CHECK ARE REQUIRED. APPLICABLE FEES
 ARE THE RESPONSIBILITY OF THE STUDENT.

4252005 1 TR 1:10-2:00
 M 8:00-10:50
 MEETS: JAN 10-MAY 6

4252010 2 TR 1:10-2:00
 T 8:00-10:50
 MEETS: JAN 10-MAY 6

4252015 3 TR 1:10-2:00
 W 8:00-10:50
 MEETS: JAN 10-MAY 6

4252020 4 TR 1:10-2:00
 R 8:00-10:50
 MEETS: JAN 10-MAY 6

4252025 5 TR 1:10-2:00
 F 8:00-10:50
 MEETS: JAN 10-MAY 6

4252030 6 TR 1:10-2:00
 M 9:00-11:50
 MEETS: JAN 10-MAY 6

4252035 7 TR 1:10-2:00
 T 9:00-11:50
 MEETS: JAN 10-MAY 6

4252040 8 TR 1:10-2:00
 W 9:00-11:50
 MEETS: JAN 10-MAY 6

4252045 9 TR 1:10-2:00
 R 9:00-11:50
 MEETS: JAN 10-MAY 6

4252050 10 TR 1:10-2:00
 F 9:00-11:50
 MEETS: JAN 10-MAY 6

4252055 11 TR 1:10-2:00
 M 2:30-5:30
 MEETS: JAN 10-MAY 6

4252060 12 TR 1:10-2:00
 T 2:30-5:30
 MEETS: JAN 10-MAY 6

4252065 13 TR 1:10-2:00
 W 2:30-5:30
 MEETS: JAN 10-MAY 6

4252070 14 TR 1:10-2:00
 R 2:30-5:30
 MEETS: JAN 10-MAY 6

4252075 15 TR 1:10-2:00
 F 2:30-5:30
 MEETS: JAN 10-MAY 6

DEVEL&GUID: AGE 3-8 HD FS 221 3 CREDITS
 Prereq: 102
 Note: RESTRICTED TO CH FS, ECE SOPHMORES, JUNIORS
 AND SENIORS ONLY. LAB PLACEMENT LOCATIONS ASSIGNED
 AT FIRST LECTURE CLASS.

4253005 1 TR 11:00-12:20
 M 3:10-4:00
 MEETS: JAN 10-MAY 6

4253010 2 TR 11:00-12:20
 T 3:10-4:00
 MEETS: JAN 10-MAY 6

4253015 3 TR 11:00-12:20
 W 3:10-4:00
 MEETS: JAN 10-MAY 6

4253020 4 TR 11:00-12:20
 R 3:10-4:00
 MEETS: JAN 10-MAY 6

4253025 5 TR 11:00-12:20
 F 3:10-4:00
 MEETS: JAN 10-MAY 6

4253030 6 TR 11:00-12:20
 M 12:30-1:20
 MEETS: JAN 10-MAY 6

4253035 7 TR 11:00-12:20
 T 12:30-1:20
 MEETS: JAN 10-MAY 6

4253040 8 TR 11:00-12:20
 W 12:30-1:20
 MEETS: JAN 10-MAY 6

4253045 9 TR 11:00-12:20
 R 12:30-1:20
 MEETS: JAN 10-MAY 6

4253050 10 TR 11:00-12:20
 F 12:30-1:20
 MEETS: JAN 10-MAY 6

4253055 11 TR 11:00-12:20
 M 4:10-5:00
 MEETS: JAN 10-MAY 6

4253060 12 TR 11:00-12:20
 T 4:10-5:00
 MEETS: JAN 10-MAY 6

4253065 13 TR 11:00-12:20
 W 4:10-5:00
 MEETS: JAN 10-MAY 6

4253070 14 TR 11:00-12:20
 R 4:10-5:00
 MEETS: JAN 10-MAY 6

4253075 15 TR 11:00-12:20
 F 4:10-5:00
 MEETS: JAN 10-MAY 6

DEVL MID CHILDHOOD HD FS 226 3 CREDITS
 Prereq: 102 OR PSYCH 230
 Note: LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
 LECTURE CLASS. PROOF OF LIABILITY INSURANCE
 AND A BACKGROUND CHECK ARE REQUIRED. APPLICABLE FEES
 ARE THE RESPONSIBILITY OF THE STUDENT.

2193010 1 TR 9:30-10:50
 M 3:10-6:00PM
 MEETS: JAN 10-MAY 6

2193015 2 TR 9:30-10:50
 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6

2193020 3 TR 9:30-10:50
 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6

2193025 4 TR 9:30-10:50
 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6

2193030 5 TR 9:30-10:50
 F 3:10-6:00PM
 MEETS: JAN 10-MAY 6

LIT FOR CHILDREN HD FS 240 3 CREDITS
 Prereq: 102 OR PSYCH 230
 Note: Meets U.S. diversity reqmt

2194005 A1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO CH FS, ECE, EL ED
 MAJORS ONLY.

2194010 A2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: FOR MAJORS OTHER THAN EL ED, ECE & CH FS
 MAJORS ONLY.

RSRCH IN HUM DV&FAM HD FS 269 3 CREDITS
 Prereq: 102 OR PSYCH 230

2197005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

FAMILY RELATIONSHPS HD FS 270 3 CREDITS
 Prereq: 102 OR PSYCH 230
 Note: COURSE RESTRICTED TO CH FS, ECE, FFHP MAJORS ONLY

7012005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN SEXUALITY HD FS 276 3 CREDITS
 Note: Meets U.S. diversity reqmt
 3496005 1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED TO FCEDS, C H E & CH FS MAJORS
 3496010 2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

PRSNL&FAMILY FINANC HD FS 283 3 CREDITS
 3499005 1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 3499010 2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 3499600 XW ARRANGED HENNICK J
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

FLD EXP EARLY CHILHD HD FS 317A 1- 6 CREDITS
 Prereq: 343, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY SERV HD FS 317B 1- 6 CREDITS
 Prereq: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP EARLY SP ED HD FS 317C 1- 6 CREDITS
 Prereq: 220, 221, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EX CARE 5+YROLD HD FS 317D 1- 6 CREDITS
 Prereq: 226, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP INF/TODDLER HD FS 317E 1- 6 CREDITS
 Prereq: 340, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP RNC RESEARCH HD FS 317F 1- 6 CREDITS
 Prereq: 269, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMLY FNANC HD FS 317G 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP HOUS PROG HD FS 317K 1- 6 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ASS'MT&CUR:BRTH-2YR HD FS 340 4 CREDITS
 Prereq: 220
 Note: COURSE RESTRICTED TO CH FS, ECE SOPHOMORES AND
 ABOVE. LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
 LECTURE CLASS.
 8686005 1 TR 12:40-2:00
 M 9:00-12:30
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 8686010 2 TR 12:40-2:00
 T 9:00-12:30
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 8686015 3 TR 12:40-2:00
 W 9:00-12:30
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 8686020 4 TR 12:40-2:00
 R 9:00-12:30
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 8686025 5 TR 12:40-2:00
 F 9:00-12:30
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00

ASS'MT&PROG:AGE 3-6 HD FS 343 4 CREDITS
 Prereq: 221; 240; 269 OR PSYCH 332 OR 333
 Note: COURSE RESTRICTED TO CH FS, ECE SOPHOMORES AND
 ABOVE. LAB PLACEMENT LOCATIONS ASSIGNED AT
 FIRST LECTURE CLASS.
 2205005 1 TR 2:10-3:30
 M 9:00-12:30
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 2205010 2 TR 2:10-3:30
 T 9:00-12:30
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 2205015 3 TR 2:10-3:30
 W 9:00-12:30
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 2205020 4 TR 2:10-3:30
 R 9:00-12:30
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00

ASS'MT&PROG:AGE 3-6 HD FS 343 4 CREDITS
 Prereq: 2205025 5 TR 2:10-3:30
 F 9:00-12:30
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00

CHILD EARLY CARE&ED HD FS 344 4 CREDITS
 Prereq: 220 OR 221
 Note: COURSE RESTRICTED TO CH FS MAJORS ONLY.
 1351005 1 TR 11:00-12:20
 M 2:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 1351010 2 TR 11:00-12:20
 T 2:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 1351015 3 TR 11:00-12:20
 W 2:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 1351020 4 TR 11:00-12:20
 R 2:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 1351025 5 TR 11:00-12:20
 F 2:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00

ADAPT PROG INCL SET HD FS 345 3 CREDITS
 Prereq: CR OR CONCURRENT ENRLMT IN 340 OR 343;
 SP ED 250
 Note: COURSE RESTRICTED TO CH FS, ECE JUNIORS
 AND SENIORS ONLY.
 4449005 TR 3:40-5:00, ARRANGED
 MEETS: JAN 10-MAY 6

FAMILY DIVERSITY ISS HD FS 349 3 CREDITS
 Prereq: 102 OR PSYCH 230; HD FS 270
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP
 MAJORS ONLY
 Meets U.S. diversity reqmt
 2207005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

ABUSE&ILL IN FAMILI HD FS 367 3 CREDITS
 Prereq: 102 OR PSYCH 230; HD FS 270
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP,
 MAJORS ONLY
 9193005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 9193600 XW ARRANGED HARDY A
 MEETS: JAN 10-MAY 6
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP,
 MAJORS ONLY
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

DEATH PART OF LIVNG HD FS 373 3 CREDITS
 Prereq: 102
 3505005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$15.00
 3505600 XW ARRANGED HEINZ M
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

ECONOMICS OF AGING HD FS 378 3 CREDITS
 Prereq: 3 CR PRIN OF ECONOMICS, 3 CR IN HD FS
 5751005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

CHLD, FAM&PUB POLCY HD FS 395 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCIENCES
 Note: COURSE RESTRICTED TO CH FS, ECE, FCEDS, FFHP &
 MAJORS ONLY
 1155005 1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

SUP TCH EARLY SP ED HD FS 417C 8 CREDITS
 Prereq: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION PROGRAM, 455; 456
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 2213005 1A ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Professional support, field trips &/or
 travel fee \$20.50-\$464.00
 2213015 1R ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE FIRST 8 WEEKS OF THE SEMESTER.
 Professional support, field trips &/or
 travel fee \$20.50-\$464.00
 2213010 2A ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: SEC 2A FOR STUDENTS TEACHING IN CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 Professional support, field trips &/or
 travel fee \$20.50-\$464.00

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

SUP TCH EARLY SP ED HD FS 417C 8 CREDITS
 2213020 2R ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: SEC 2R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA
 THE LAST 8 WEEKS OF THE SEMESTER.
 Professional support, field trips &/or
 travel fee \$20.50-\$464.00

ADMIN PROG FOR CHLD HD FS 445 3 CREDITS
 Prereq: 340, 343, OR 344
 2220005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

LINK FAMLY&COMMUNTY HD FS 449 3 CREDITS
 Prereq: 269 OR PSYCH 332 OR 333, SR CLASSIFICATN
 Note: RESTRICTED TO CH FS, ECE, FFHP, SENIORS ONLY
 Available for nonmajor graduate credit
 2221005 1 TR 2:10-3:20
 MEETS: JAN 10-MAY 6

CURR--AGES 3 THRU 6 HD FS 455 4 CREDITS
 Prereq: 343, 345, SP ED 355 AND 455
 Note: Available for nonmajor graduate credit
 2222005 1 TR 2:10-3:30
 M 8:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 2222010 2 TR 2:10-3:30
 T 8:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 2222015 3 TR 2:10-3:30
 R 8:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00
 2222020 4 TR 2:10-3:30
 F 8:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$25.00

FAM-CNT SUPPRT CHIL HD FS 456 3 CREDITS
 Prereq: 340, 345
 Note: Available for nonmajor graduate credit
 7563005 TR 12:40-3:00
 MEETS: JAN 10-MAY 6

ENVIR FOR THE AGING HD FS 463 3 CREDITS
 Prereq: HD FS 360 OR 3 CR IN HOUSING, ARCH,
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 Note: Meets U.S. diversity reqmt
 3522005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$10.00

ADV PRSNL FAM FNANC HD FS 483 3 CREDITS
 Prereq: 283
 Note: Available for nonmajor graduate credit
 3525005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

FAMILIES IN ECONOMY HD FS 488 3 CREDITS
 Prereq: ECON 101
 Note: Available for nonmajor graduate credit
 3526005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

FINANC COUNSEL LAB HD FS 489L 1- 4 CREDITS
 Prereq: 489
 8102005 1 ARRANGED
 MEETS: JAN 10-MAY 6

IND STU CHLD&FAMLY HD FS 490A VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HOUSING HD FS 490B VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FAMLY FINAN HD FS 490C VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EARLY EDUC HD FS 490F VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST EARLY SPL ED HD FS 490G VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CREDITS
 Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG
 Note: COURSE RESTRICTED TO UNIVERSTY HONORS STUDENTS
 ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

IND ST HUM DEV&FMLY HD FS 490I VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY POLICY PRG HD FS 490L VAR. CREDITS
 Prereq: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP HD FS 491 4- 8 CREDITS
 Prereq: 449; INSTRUCTOR PERMISSN, SENIOR CLASSIF
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PARTNERNG W PARENTS HD FS 493B 4 CREDITS
 Prereq: SENIOR CLASSIFICATION
 9499600 XW ARRANGED GREDER K
 MEETS: JAN 18-JUNE 17
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$650.00
 Section info: www.extension.iastate.edu/pwp
 Syllabus: www.extension.iastate.edu/pwp

EMPWR SKIL FAM WRKR HD FS 493L 3 CREDITS
 9203600 XW ARRANGED GREDER K
 MEETS: JAN 10-MAY 13
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$650.00
 Section info: www.extension.iastate.edu/pwp
 Syllabus: www.extension.iastate.edu/pwp

RESEARCH HD FS 499 1- 6 CREDITS
 Prereq: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSED TO WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

QNTV RESRCH METHDLG HD FS 503 3 CREDITS
 Prereq: STAT 401 OR RESEV 553, CONCURRENT
 ENROLLMENT IN HD FS 505
 3544005 T 6:00-8:40PM
 MEETS: JAN 10-MAY 6

APP QNTVE RSRCH MTH HD FS 505 2 CREDITS
 Prereq: STAT 401 OR RESEV 553
 Note: CONCURRENT ENROLLMENT IN HD FS 503 & 505 REQUIRED
 7057005 W 5:10-7:00PM
 MEETS: JAN 10-MAY 6

ADULT DEVELOPMENT HD FS 534 3 CREDITS
 1287610 XW ARRANGED MARTIN P
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 515-294-5397/KSMIDT@IASTATE.EDU.
 Course delivery is WWW
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

PARENT EDUCATION HD FS 548 3 CREDITS
 Prereq: 510 OR 511 OR 6 CR IN SOCIAL SCIENCES
 2237600 XW ARRANGED MAUDE S
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

FAMILIES&DISABILITY HD FS 556 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES
 2752005 M 6:00-8:40PM
 MEETS: JAN 10-MAY 6

ENVIR FOR THE AGING HD FS 563 3 CREDITS
 Note: Meets U.S. diversity reqmt
 4474005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$10.00

PUB POLCY IMPCT FAM HD FS 566 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES
 3553005 R 6:00-8:40PM
 MEETS: JAN 10-MAY 6

FAMILY INTERACT DYN HD FS 579 3 CREDITS
 Prereq: 9 CREDITS IN SOCIAL SCIENCES
 3559005 T 1:30-4:20
 MEETS: JAN 10-MAY 6

INVESTG&FAMLY FUTUR HD FS 583 3 CREDITS
 Prereq: 483
 3655610 XW ARRANGED SWANSON P
 MEETS: JAN 10-MAY 6
 Note: CONTACT KAREN SMIDT FOR PERMISSION TO REGISTER AT
 515-294-5397/KSMIDT@IASTATE.EDU.
 Meets U.S. diversity reqmt
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

FINANC COUNSEL LAB HD FS 589L 1- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 3510005 1 ARRANGED
 MEETS: JAN 10-MAY 6

SPCL TOP FAMILY STU HD FS 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS HOUSING HD FS 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMLY FINAN HD FS 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN DEVEL HD FS 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CHILD DEVEL HD FS 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY EDUC HD FS 590F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY SP ED HD FS 590G VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP HUMAN,FAMILY HD FS 590I VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS THERAPY HD FS 590M VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMLY POLCY HD FS 590N VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP FAM STUDI HD FS 591A VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP HOUSING HD FS 591B VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN FAMILY FINAN HD FS 591C VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP HUM DEVEL HD FS 591D VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP CHILD DEV HD FS 591E VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP EARLY ED HD FS 591F VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN EARLY SPL ED HD FS 591G VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN HUM DV,FAMLY HD FS 591I VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP THERAPY HD FS 591M VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERN FAMLY POLICY HD FS 591N VAR. CREDITS
 Prereq: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PARTNERNG W PARENTS HD FS 593B 4 CREDITS
 Prereq: SENIOR CLASSIFICATION
 9498600 XW ARRANGED GREDER K
 MEETS: JAN 18-JUNE 17
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$650.00
 Section info: www.extension.iastate.edu/pwp
 Syllabus: www.extension.iastate.edu/pwp

EMPWR SKIL FAM WRKR HD FS 593L 3 CREDITS
 9204600 XW ARRANGED GREDER K
 MEETS: JAN 10-MAY 13
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$650.00
 Section info: http://www.extension.iastate.edu/homefamily/relationships/family_deve
 Syllabus: http://www.extension.iastate.edu/homefamily/relationships/family_deve

ADV QUANTITAT METHD HD FS 603 3 CREDITS
 Prereq: 503; STAT 402 OR 404
 2239005 MW 11:00-12:20
 MEETS: JAN 10-MAY 6

ADV QUALITATIVE RES HD FS 604 3 CREDITS
 Prereq: 503
 3586005 R 1:10-3:50
 MEETS: JAN 10-MAY 6

ECSE SEMINAR HD FS 616E 1 CREDIT
 8573005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

PERSP OF PSYCHOPHTY HD FS 616P 1- 2 CREDITS
 Note: SYSTEMIC AND RELATIONAL PERSPECTIVES OF
 PSYCHOPATHOLOGY
 8521005 W 9:00-10:50
 MEETS: JAN 10-MAY 6

LANGU&LITRC DV CHLD HD FS 632 3 CREDITS
 Prereq: 510
 2266600 XW ARRANGED LUZE G
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

ADV TOP FAMILY STDI HD FS 690A VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS HOUSING HD FS 690B VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMLY FINAN HD FS 690C VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN DEVEL HD FS 690D VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CHILD DEVEL HD FS 690E VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY EDUC HD FS 690F VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY SP ED HD FS 690G VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN,FAMLY HD FS 690I VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS THERAPY HD FS 690M VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FAMLY POLCY HD FS 690N VAR. CREDITS
 Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAM THRPY INTERNSHP HD FS 691C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES (CONTINUED)

PRO EXPR INTERNSHP HD FS 691D VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY STUDIE HD FS 699A VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HOUSING HD FS 699B VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY FINANC HD FS 699C VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HUMAN DEV HD FS 699D VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CHLD DEV HD FS 699E VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CHLDHD ED HD FS 699F VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CH SPL ED HD FS 699G VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STU HD FS 699I VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MAR&FAM THERAPY HD FS 699M VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY POLICY HD FS 699N VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IMMUNOBIOLOGY

SEMINAR IMMUNOBIOLG IMBIO 604 1 CREDIT
 5949005 ARRANGED
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS IMBIO 690 VAR. CREDITS
 5986005 ARRANGED
 MEETS: JAN 10-MAY 6

GRAD RSEARCH ROTATN IMBIO 697 VAR. CREDITS
 5991005 ARRANGED
 MEETS: JAN 10-MAY 6

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

INDUSTRIAL ENGINEERING

INDUS ENGR PROFESSN I E 101 R CREDIT
 Satisfactory-Fail Only.
 4402005 T 3:10-4:00
 MEETS: JAN 10-MAY 6

INFO ENGINEERING I E 148 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 142
 5037005 A MW 8:00-9:50
 MEETS: JAN 10-MAY 6

APP ERGON& WORK DSN I E 271 3 CREDITS
 Prereq: PHYS 221
 5169005 A1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO I E MAJORS ONLY
 5169010 A2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR TO MAJORS OTHER THAN I E

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

ENGR ECONOMIC ANALY I E 305 3 CREDITS
 Prereq: MATH 166
 Note: SEC A1,B1,ETC RESTRICTED TO I E MAJORS ONLY.
 SEC A2,B2,ETC FOR TO MAJORS OTHER THAN I E.
 Available for nonmajor graduate credit
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 4425005 A1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 4425010 A2 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 4425015 B1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 4425020 B2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

INDUSTRIAL ENGINEERING (CONTINUED)

ENGR ECONOMIC ANALY I E 305 3 CREDITS
 4425025 C1 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 4425030 C2 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 4425600 XE ARRANGED SLY D
 MEETS: JAN 10-MAY 6
 Note: Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

SOLIDIFICATN PROCES I E 348 3 CREDITS
 Prereq: 248
 Note: COURSE RESTRICTED TO I E MAJORS ONLY, OTHER
 MAJORS BY PERMISSION OF INSTRUCTOR. LECTURE MEETS
 30 OF 45 PERIODS. SEE SYLLABUS.
 Available for nonmajor graduate credit
 5810005 A MWF 9:00-9:50
 T 8:00-9:50
 MEETS: JAN 10-MAY 6
 5810010 B MWF 9:00-9:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$20.00
 5810015 C MWF 9:00-9:50
 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$20.00
 5810020 D MWF 9:00-9:50
 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$20.00
 5810025 E MWF 9:00-9:50
 T 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$20.00
 5810030 F MWF 9:00-9:50
 R 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$20.00

STAT QUALITY ASSURN I E 361 3 CREDITS
 Prereq: STAT 231 OR 401
 Note: Available for nonmajor graduate credit
 4416005 A T 3:40-5:30, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO I E MAJORS ONLY
 4416010 B T 3:40-5:30, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR TO MAJORS OTHER THAN I E

ENGR INTERNSHIP I E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 398 R CREDIT
 Prereq: 298, PERMISSN OF DEPARTMNT AND ENGINEERING
 CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTR SUSTNB PROD SY I E 403 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 341
 3136005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 3136600 XE ARRANGED
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 2:10-3:30 PM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

INTDISCIP PROB SOLV I E 408 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 5899005 A MW 9:00-11:50
 MEETS: JAN 10-MARCH 11

INDUSTR ENGR DESIGN I E 441 3 CREDITS
 Prereq: 248, 271, 361; CREDIT OR ENROLLMENT IN
 341, 413, AND 448
 Note: COURSE RESTRICTED TO I E, IMSE MAJORS ONLY
 Available for nonmajor graduate credit
 4432005 A T 12:40-2:00
 TR 9:00-11:50
 MEETS: JAN 10-MAY 6
 4432010 B T 12:40-2:00
 TR 2:10-5:00
 MEETS: JAN 10-MAY 6

INDUSTRIAL ENGINEERING (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

GEOMET VARIBLTY MFG I E 446 3 CREDITS
 Prereq: 348 OR MAT E 341 OR M E 324
 Note: Available for nonmajor graduate credit
 2360005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

MANUFACT SYSTM ENGR I E 448 3 CREDITS
 Prereq: 248 OR SIMILAR MANUFACTURING EXPERIENCE,
 305.

Note: Available for nonmajor graduate credit
 6090005 A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

Note: SEC A RESTRICTED TO I E MAJORS ONLY.
 6090010 B MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

Note: SEC B FOR COLLEGE OF ENGR MAJORS EXCEPT
 I E OR I TEC.
 6090600 XE ARRANGED JACKMAN J

MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 11-11:50 AM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME

Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00

Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmpttr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

ENGRS TECHNCL SALES I E 450X 3 CREDITS
 Prereq: 305 OR PERMISSION OF INSTRUCTOR

Note: Available for nonmajor graduate credit
 8885005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

8885600 XE ARRANGED SLY D
 MEETS: JAN 10-MAY 6

Note: Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00

Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmpttr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

TECHNICAL SALES II I E 451X 3 CREDITS
 Prereq: 450X

Note: Available for nonmajor graduate credit
 9088005 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

9088600 XE ARRANGED
 MEETS: JAN 10-MAY 6

Note: LIVE VIEWING AVAILABLE MWF 3:10-4 PM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.

Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00

Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmpttr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

MULTIDISC ENGR DSGN I E 466 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATION AND RECEIVE PERMISSION OF INSTRUCTOR

1902005 A T 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

MLTDISC ENGR DSN II I E 467X 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF
 GRADUATION OR RECEIVE PERMISSION OF INSTRUCTOR

9036005 R 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

IND STDY MANUFACTRG I E 490A 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR

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

IND STU HUMAN FACTR I E 490B 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR

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

IND STU OPER RESRCH I E 490C 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR

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

IND STU ENTPRSE CMP I E 490D 1- 5 CREDITS
 Satisfactory-Fail Only.

***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENGR MGT I E 490E 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR

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

INDEP STUDY HONORS I E 490H 1- 5 CREDITS
 Prereq: SR CLASSIFICATION, PERMISSION OF INSTR

UNIV HONORS PROGRAM MEMBERSHIP
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 Satisfactory-Fail Only.

***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN I E 498 R CREDIT
 Prereq: 298, PERMISSON OF DEPRTMNT AND ENGINEERING

CAREER SERVICES
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MS RSRCH BASICS&CMM I E 501 R CREDIT
 3550005 W 4:10-5:00

MEETS: JAN 10-MAY 6
 3550600 XE ARRANGED RYAN S

Note: LIVE VIEWING AVAILABLE W 4:10-5 PM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.

Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$190.00

Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmpttr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

INTR SUSTNB PROD SY I E 503 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 341

3148005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

3148600 XE ARRANGED
 MEETS: JAN 10-MAY 6

Note: LIVE VIEWING AVAILABLE TR 2:10-3:30 PM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.

Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00

Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmpttr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

SIMULATN MODEL&ANLY I E 519 3 CREDITS
 Prereq: COM S 311, STAT 401

4454005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

4454600 XE ARRANGED
 MEETS: JAN 10-MAY 6

Note: LIVE VIEWING AVAILABLE TR 9:30-10:50 AM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.

Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00

Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmpttr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

QUAL CNTRL&ENG STAT I E 531 3 CREDITS
 Prereq: STAT 401; STAT 342 OR 447

4457005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

GEOMET VARIBLTY MFG I E 546 3 CREDITS
 Prereq: 348 OR MAT E 341 OR M E 324

2390005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

CON QUAL IMPRV PROC I E 561 3 CREDITS
 Prereq: 361

7304005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

7304600 XE ARRANGED
 MEETS: JAN 10-MAY 6

Note: LIVE VIEWING AVAILABLE MWF 1:10-2 PM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.

Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00

Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmpttr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

APPLIED SYSTEMS ENG I E 566 3 CREDITS
 Prereq: 565

Note: I E MAJORS MAY NOT APPLY CREDIT IN I E 566
 TOWARD DEGREE REQUIREMENTS

5704005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

5704600 XE ARRANGED GEMMILL D
 MEETS: JAN 10-MAY 6

Note: LIVE VIEWING AVAILABLE TR 8-9:20 AM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.

Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00

INDUSTRIAL ENGINEERING (CONTINUED)

INDUSTRIAL ENGINEERING (CONTINUED)

APPLIED SYSTEMS ENG I E 566 3 CREDITS
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

SYS ENGR&PROJCT MGT I E 570 3 CREDITS
 Prereq: COURSEWORK IN BASIC STATISTICS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS. UNDERGRADUATE STUDENTS CONTACT INSTRUCTOR.
 6113005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 6113600 XE ARRANGED
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 11-12:20 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

REQUIREMNTS ENGRING I E 585 3 CREDITS
 Prereq: 3 CREDITS IN INFORMATION TECHNOLOGY OR INFORMATION SYSTEMS
 8181005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 8181600 XE ARRANGED
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 2:10-3 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

SPECIAL TOPICS I E 590 1- 3 CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP IND ENGR I E 599A VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER RES I E 599C VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PH.D.RES BASICS&CMM I E 601 R CREDIT
 3662005 W 4:10-5:00
 MEETS: JAN 10-MAY 6
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>
 3662600 XE ARRANGED RYAN S
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE W 4:10-5 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$190.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

STOCHASTC PRODU SYS I E 613 3 CREDITS
 Prereq: 513
 8237005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 8237600 XE ARRANGED
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 11-12:20 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

RES PRACTCM ERGONMC I E 671X 3 CREDITS
 Prereq: 571X/571 OR EQUIVALENT
 8912005 ARRANGED
 MEETS: JAN 10-MAY 6

ADVANCED TOPICS I E 690 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP I E 697 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT
 Note: Department permission required.
 Satisfactory-Fail Only.
 7999005 ARRANGED
 MEETS: JAN 10-MAY 6

INDUS ENGR RESEARCH I E 699A VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERATIONS RESEARCH I E 699C VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INFORMATION ASSURANCE

INTR CMPTR SECURITY INFAS 131X 1 CREDIT
 Satisfactory-Fail Only.
 3495005 A MW 11:00-11:50
 MEETS: JAN 10-MARCH 4
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>
 3495010 B MW 11:00-11:50
 MEETS: MARCH 7-MAY 6

INFORMATION WARFARE INFAS 532 3 CREDITS
 Prereq: CPR E 531
 8092005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

CRYPTOGRAPHY INFAS 533 3 CREDITS
 Prereq: MATH 301 OR CPR E 310 OR COM S 330
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 8098005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

INFO ASSUR LEGAL&ET INFAS 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, CPR E/INFAS 531
 Note: RESTRICTED TO E CPE, COM S, AND INFAS GRAD STUDENTS ONLY
 8095005 A W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 8095600 XW ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00

STEGANOGRPH&WTRMARK INFAS 535 3 CREDITS
 Prereq: CPR E 531 OR E E 524 OR MATH 533/CPR E 533/INFAS 533
 8509005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

SEMNR INFO ASSURANC INFAS 592 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5025005 1 ARRANGED
 MEETS: JAN 10-MAY 6

INFO ASSUR CAPSTONE INFAS 632 3 CREDITS
 Prereq: 531, 532, 534
 1893005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CREDITS
 4480005 ARRANGED
 MEETS: JAN 10-MAY 6

THESIS RESEARCH IGS 699 VAR. CREDITS
 4481005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERNATIONAL STUDIES

INTRO INT'L STUDIES INTST 235 3 CREDITS
 Note: Meets international perspectives reqmt
 9582600 XW ARRANGED LOONEY M
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

SEMNR INT'L STUDIES INTST 430 3 CREDITS
 Note: Meets international perspectives reqmt
 9583005 MW 3:00-4:30 BEGHIN J
 MEETS: JAN 10-MAY 6

JOURNALISM & MASS COMMUNICATION

JOURNALISM & MASS COMMUNICATION (CONTINUED)

MASS MEDIA & SOCIETY JL MC 101 3 CREDITS
 4656005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

JOURNLS&COMM ORIENT JL MC 110 R CREDIT
 Satisfactory-Fail Only.
 4657005 1 T 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC 1 FOR STUDENTS NEW TO ISU FALL 2010,
 SUMMER 2008 OR SPRING 2010.
 4657010 2 R 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SECT 2 FOR STUDENTS NOT NEW FALL 2010
 SUMMER 2008 OR SPRING 2010.

REPORT&WRIT MASS MD JL MC 201 3 CREDITS
 Prereq: ENGL 250 OR 105 (OR TESTOUT); A SCORE
 OF 26 OR HIGHER ON ACT ENGLISH EXAM, 590 OR HIGHER
 ON THE SAT VERBAL EXAM OR A PASSING SCORE ON THE
 SCHOOL'S ENGLISH USAGE TEST
 Note: USAGE TEST & DEPT PERMISSION REQUIRED. COURSE
 RESTRICTED TO JL MC, ADVRT, P JMC, P ADV MAJORS ONLY
 Department permission required.
 4658005 1 MW 8:00-10:10
 MEETS: JAN 10-MAY 6
 4658010 2 TR 8:00-10:10
 MEETS: JAN 10-MAY 6
 4658015 3 MW 1:10-3:20
 MEETS: JAN 10-MAY 6
 4658020 4 TR 8:00-10:10
 MEETS: JAN 10-MAY 6
 4658025 5 TR 12:40-2:50
 MEETS: JAN 10-MAY 6

INT REPORT MASS MED JL MC 202 3 CREDITS
 Prereq: 201 WITH A GRADE OF C+ OR BETTER
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P ADV AND
 P JMC MAJORS ONLY.
 4659005 1 MW 10:00-12:10
 MEETS: JAN 10-MAY 6
 4659010 2 TR 10:30-12:40
 MEETS: JAN 10-MAY 6

ELECTRON MEDIA WRIT JL MC 206 3 CREDITS
 Prereq: 201 WITH A GRADE OF C+ OR BETTER
 P JMC, P ADV. SEC 1B, 2B ETC FOR MAJORS OTHER
 THAN JL MC, ADVRT, P JMC OR P ADV
 8511005 1 TR 4:30-6:40PM
 MEETS: JAN 10-MAY 6

PRIN PUBLIC RELATNS JL MC 220 3 CREDITS
 4684005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

STRATEG PLAN AD&P R JL MC 301 3 CREDITS
 Prereq: ADVRT 230 OR JL MC 220; SOPHOMORE
 CLASSIFICATION
 Note: SEC 1A, 2A ETC RESTRICTED TO JL MC, ADVRT,
 P JMC, P ADV. SEC 1B, 2B ETC FOR MAJORS OTHER
 THAN JL MC, ADVRT, P JMC OR P ADV
 3838005 1A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 3838010 1B TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 3838015 2A MW 9:30-10:50
 MEETS: JAN 10-MAY 6
 3838020 2B MW 9:30-10:50
 MEETS: JAN 10-MAY 6
 3838025 3A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 3838030 3B TR 9:30-10:50
 MEETS: JAN 10-MAY 6

PUBLICITY METHODS JL MC 305 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105, SOPHOMORE
 CLASSIFICATION
 Note: JL MC & ADVRT MAJORS ARE NOT TO ENROLL IN
 JL MC 305. CREDIT DOES NOT APPLY TOWARD A DEGREE IN
 JL MC OR ADVRT.
 4660005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 4660010 2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 4660015 3 MW 10:00-11:20
 MEETS: JAN 10-MAY 6
 4660020 4 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

ELECTRON MEDIA PROD JL MC 306 3 CREDITS
 Prereq: C+ OR BETTER IN 201
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P JMC OR P ADV
 MAJORS ONLY.
 8513005 1 TR 2:10-4:00
 MEETS: JAN 10-MAY 6

ELECTRN NEWS PRODUC JL MC 308 3 CREDITS
 Prereq: C+ OR BETTER IN 202 OR 206 OR 321; 306
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
 4665005 1 TR 10:30-12:20
 MEETS: JAN 10-MAY 6

FUND PHOTOJOURNALSM JL MC 310 3 CREDITS
 Prereq: C+ OR BETTER IN 201
 Note: COURSE RESTRICTED TO JL MC, ADVRT MAJORS.
 EQUIPMENT PURCHASE MAY BE REQUIRED.
 8688005 1 MW 12:10-2:00
 MEETS: JAN 10-MAY 6

ADV TECNQ PHOTOJRNL JL MC 312X 3 CREDITS
 Prereq: 310 OR 311X
 9007005 1 MW 2:30-4:20
 MEETS: JAN 10-MAY 6

MULTIMEDIA PRODUCTN JL MC 315 3 CREDITS
 Prereq: 306 OR 342L OR 343L OR EQUIVALENT
 COMPUTER DESIGN PROFICIENCY
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P JMC,
 P ADV MAJORS ONLY.
 4663005 1 MW 3:40-5:10
 MEETS: JAN 10-MAY 6

PUBLIC RELATNS WRIT JL MC 321 3 CREDITS
 Prereq: C+ OR BETTER IN 201; 220 OR ADVRT 230;
 RECOMMEND 342 AND 342L OR COMPUTER DESIGN PROFICIENCY
 Note: COURSE RESTRICTED TO ADVRT, JL MC, P ADV AND
 P JMC MAJORS ONLY.
 4666005 1 TR 3:10-5:20
 MEETS: JAN 10-MAY 6
 4666010 2 MW 2:10-4:20
 MEETS: JAN 10-MAY 6

CONTEM MAGAZINE PUB JL MC 341 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 4672005 1 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

VISUAL PRIN MASS CM JL MC 342 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 4673005 1A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO JL MC, ADVRT, P ADV,
 P JMC SOPH AND ABOVE.
 4673010 1B MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1B FOR MAJORS OTHER THAN JL MC, ADVRT, P ADV,
 P JMC.

LAB BAS VISUAL PRIN JL MC 342L 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 342
 Note: COURSE RESTRICTED TO JL MC, ADVRT, P JMC, P ADV
 SOPH AND ABOVE.
 5325005 1 TR 12:20-2:40
 MEETS: JAN 10-MAY 6
 5325010 2 TR 8:00-10:15
 MEETS: JAN 10-MAY 6
 5325015 3 MW 8:00-10:15
 MEETS: JAN 10-MAY 6
 5325020 4 TR 5:10-7:20PM
 MEETS: JAN 10-MAY 6

PUBL AFFAIRS REPORT JL MC 346 3 CREDITS
 Prereq: 202 OR 206 OR 321
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
 4675005 1 MW 8:00-9:40
 MEETS: JAN 10-MAY 6

SCIENCE COMMUNICATN JL MC 347 3 CREDITS
 Prereq: C+ OR BETTER IN 202 OR 206 OR 321
 FOR JL MC MAJORS; C+ OR BETTER IN JL MC 201 AND
 ADVRT 334 OR 336 FOR ADVRT MAJORS; NONMAJORS BY
 PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS
 4676005 1 MW 12:20-2:00
 MEETS: JAN 10-MAY 6

ADV ELE MEDIA PRODU JL MC 354 3 CREDITS
 Prereq: 306, 308
 Note: COURSE RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
 1804005 1 TR 2:10-4:00
 MEETS: JAN 10-MAY 6

PRO SKILL DEVEL:MAP JL MC 390A 1- 2 CREDITS
 Prereq: INSTRUCTOR PERMISSION
 Note: COURSE TOPIC: "MEREDITH APPRENTICE PROGRAM"
 7991005 1 T 8:00-9:20, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

MASS COM RSRCH MTHD JL MC 402X 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9234005 1 TR 10:30-12:10
 MEETS: JAN 10-MAY 6

JOURNALISM & MASS COMMUNICATION (CONTINUED)

JOURNALISM & MASS COMMUNICATION (CONTINUED)

MEDIA MANAGEMENT JL MC 406 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 1812005 1 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6

P R CAMPAIGN PROJCT JL MC 424A 3 CREDITS
 Prereq: 220, 301, AND 321; JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO AVDRT, JL MC, JUNIORS AND SENIORS ONLY.
 7797005 1 MW 12:20-2:00
 MEETS: JAN 10-MAY 6

ADV PRINT MED EDITG JL MC 449 3 CREDITS
 Prereq: 342, 342L, CREDIT OR ENROLLMENT IN 349, JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED ADVRT, JL MC MAJORS ONLY
 Available for nonmajor graduate credit
 7202005 1 TR 12:40-3:00
 MEETS: JAN 10-MAY 6

EL MEDIA TECH&POLCY JL MC 453 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 9585005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

MASS COMMUNICAT LAW JL MC 460 3 CREDITS
 Prereq: C+ OR BETTER IN 201, JUNIOR CLASSIFICATN
 Note: COURSE RESTRICTED TO ADVRT, JL MC JUNIORS AND SENIORS ONLY
 Available for nonmajor graduate credit
 4688005 1 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

MEDIA ETHICS,FREEDM JL MC 462 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED JUNIORS AND ABOVE.
 4690005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

WORLD COMMUNIC SYST JL MC 476 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.
 Meets international perspectives reqmt
 4693005 1 TR 11:00-12:30
 MEETS: JAN 10-MAY 6

ETHNIC,GENDER&MEDIA JL MC 477 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 4554005 1A TR 4:10-5:40
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC, P ADV, P JMC MAJORS ONLY.
 4554010 1B TR 4:10-5:40
 MEETS: JAN 10-MAY 6
 Note: SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC, P ADV, P JMC

INDEP STDY CMUNICATN JL MC 490 VAR. CREDITS
 Prereq: JUNIOR CLASSIFICATION AND CONTRACT WITH SUPERVISING PROFESSOR TO REGISTER
 Note: NO MORE THAN 3 CREDITS OF JL MC 490 MAY BE APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CREATV COMM JL MC 497A 3 CREDITS
 9552005 1A TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO ADVRT, JL MC MAJORS ONLY.
 9552010 1B TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: SEC 1B FOR MAJORS OTHER THAN ADVRT, JL MC.

PROFES MEDIA INTERN JL MC 499 3 CREDITS
 Prereq: JL MC MAJORS: C+ OR BETTER IN 202 OR 206 OR 321; ADVRT MAJORS: 301, C+ OR BETTER IN JL MC 201; ALL STUDENTS: JR CLASSIFICATION, FORMAL FACULTY ADVISER APPROVAL OF WRITTEN PROPOSAL
 Note: Department permission required.
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

COMM RESEARCH METHD JL MC 502 4 CREDITS
 Prereq: 501 OR EQUIV COMMUNICATION THEORY COURSE
 4726005 1 MW 6:10-9:00PM
 ARRANGED
 MEETS: JAN 10-MAY 6

STRATEG OF COMMUNIC JL MC 510 3 CREDITS
 Prereq: 501
 4730005 R 4:30-7:20PM
 MEETS: JAN 10-MAY 6

SCIENCE COMMUNICATN JL MC 547 3 CREDITS
 Prereq: 6 CR SOCIAL SCI OR ADMISSION TO GRAD PROG
 7316005 1 MW 12:20-2:00
 MEETS: JAN 10-MAY 6

MEDIA&SOCIETY RELAT JL MC 561 3 CREDITS
 Prereq: 6 CREDITS IN SOCIAL SCI
 8830005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

WORLD COMMUNIC SYST JL MC 576 3 CREDITS
 Note: Meets international perspectives reqmt
 4738005 1 TR 11:00-12:30
 MEETS: JAN 10-MAY 6

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPICALZ JL MC 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP RSRCH MTHD JL MC 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

SEM CPTR MEDIAT CMM JL MC 598P 1- 3 CREDITS
 Note: TOPIC: SOCIAL ETHICAL ISSUES IN COMPUTING
 8402005 1 T 6:00-9:00PM
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT JL MC 599 VAR. CREDITS
 Prereq: APPROVED CREDIT COMPONENT PROPOSAL

 SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH JL MC 699 VAR. CREDITS
 Prereq: APPROVED THESIS PROPOSAL

 SEE DEPT FOR REFERENCE NUMBERS

KINESIOLOGY

SWIMMING I KIN 101 1 CREDIT
 Satisfactory-Fail Only.
 5660005 1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

SWIMMING II KIN 102 1 CREDIT
 Prereq: 101 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5661005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

AQUATIC FITNESS KIN 108 1 CREDIT
 Prereq: 102 OR EQUIVALENT SKILL
 Satisfactory-Fail Only.
 5665005 1 TR 12:40-2:00
 MEETS: JAN 10-MARCH 4

BADMINTON KIN 122 1 CREDIT
 Satisfactory-Fail Only.
 5671005 1 MWF 9:00-10:20
 MEETS: JAN 10-MARCH 4
 Note: Materials and equipment use fee \$10.00
 5671010 2 MWF 10:30-11:50
 MEETS: JAN 10-MARCH 4
 Note: Materials and equipment use fee \$10.00

POCKET BILLIARDS KIN 126 1 CREDIT
 Satisfactory-Fail Only.
 5673005 1 MW 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$35.00
 5673010 2 MW 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$35.00

BOWLING KIN 129 1 CREDIT
 Satisfactory-Fail Only.
 5675005 1 MW 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$35.00
 5675010 2 MW 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$35.00
 5675015 3 MW 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$35.00
 5675020 4 TR 9:30-10:20
 MEETS: JAN 10-MAY 6

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

BOWLING KIN 129 1 CREDIT
 Note: Equipment use fee \$35.00
 5675025 5 TR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$35.00
 5675030 6 TR 12:40-1:30
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$35.00

GOLF KIN 135 1 CREDIT
 Satisfactory-Fail Only.
 5678005 1 MWF 8:00-9:20
 MEETS: MARCH 7-MAY 6
 Note: Materials and equipment use fee \$50.00
 5678010 2 MWF 9:30-10:50
 MEETS: MARCH 7-MAY 6
 Note: Materials and equipment use fee \$50.00
 5678015 3 MWF 11:00-12:20
 MEETS: MARCH 7-MAY 6
 Note: Materials and equipment use fee \$50.00
 5678020 4 MWF 12:40-2:00
 MEETS: MARCH 7-MAY 6
 Note: Materials and equipment use fee \$50.00

ICE SKATING KIN 153 1 CREDIT
 Note: COURSE TAUGHT AT AMES/ISU ICE ARENA, SOUTHEAST OF THE TOWERS. MUST ALLOW EXTRA TIME BETWEEN THIS AND OTHER CLASSES FOR TRAVEL TO AND FROM AMES/ISU ICE ARENA. MUST PROVIDE OWN TRANSPORTATION.
 Satisfactory-Fail Only.
 5689005 1 TR 1:10-3:00
 MEETS: JAN 10-MARCH 4
 Note: Materials and equipment use fee \$64.00

TENNIS KIN 158 1 CREDIT
 Satisfactory-Fail Only.
 5690005 1 MWF 8:00-9:20
 MEETS: MARCH 7-MAY 6
 Note: Materials and equipment use fee \$10.00
 5690010 2 MWF 9:30-10:50
 MEETS: MARCH 7-MAY 6
 Note: Materials and equipment use fee \$10.00
 5690015 3 MWF 11:00-12:20
 MEETS: MARCH 7-MAY 6
 Note: Materials and equipment use fee \$10.00
 5690020 4 MWF 12:30-2:00
 MEETS: MARCH 7-MAY 6
 Note: Materials and equipment use fee \$10.00

PHYSICAL FITNESS KIN 163 1 CREDIT
 Note: CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Satisfactory-Fail Only.
 5694005 1 TR 8:00-8:50
 MEETS: JAN 10-MAY 6

WALKING FOR FITNESS KIN 164 1 CREDIT
 Satisfactory-Fail Only.
 8867005 1 MW 9:00-9:50
 MEETS: JAN 10-MAY 6
 8867010 2 MW 10:00-10:50
 MEETS: JAN 10-MAY 6
 8867015 3 MW 11:00-11:50
 MEETS: JAN 10-MAY 6
 8867020 4 TR 9:30-10:20
 MEETS: JAN 10-MAY 6
 8867025 5 TR 11:00-11:50
 MEETS: JAN 10-MAY 6
 8867030 6 TR 1:10-2:00
 MEETS: JAN 10-MAY 6

WEIGHT TRAINING KIN 166 1 CREDIT
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: ATH 101, SKILL TECHNIQUE COURSE IN THE SAME SPORT AS THE ATH 101, EX SP/KIN 166
 Satisfactory-Fail Only.
 5696005 1 MW 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5696010 2 MW 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5696015 3 MW 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5696020 4 MW 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5696025 5 MW 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

TAEKWONDO/KARATE I KIN 170 1 CREDIT
 Satisfactory-Fail Only.
 5700005 1 MW 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00
 5700010 2 MW 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00
 5700015 3 MW 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00

TAEKWONDO/KARATE II KIN 171 1 CREDIT
 Prereq: 170
 Satisfactory-Fail Only.
 5701005 1 TR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$15.00

HAKIDO/MARTL DFNSE KIN 173 1 CREDIT
 Satisfactory-Fail Only.
 5702005 1 TR 11:00-11:50
 MEETS: JAN 10-MAY 6

VOLLEYBALL KIN 182 1 CREDIT
 Satisfactory-Fail Only.
 5710005 1 TR 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5710010 2 TR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5710015 3 TR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5710020 4 TR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

SOCCER KIN 185 1 CREDIT
 Satisfactory-Fail Only.
 5712005 1 TR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

BASIC ATHLETC TRAIN KIN 220 2 CREDITS
 Prereq: BIOL 155 OR 255 AND 256
 Note: Instructor permission required 1st week.
 5729005 1 M 8:00-8:50
 W 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1 FOR HEALTH FITNESS MANAGEMENT
 Materials fee \$45.00
 5729010 2 M 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: SEC 2 FOR COACHING
 Materials fee \$45.00

PRE-ATH TRAIN PRACT KIN 221 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 222 AND PERMISS OF ATHLETIC TRAINING PROGRAM DIRECTOR
 Satisfactory-Fail Only.
 6654005 1 T 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$60.00
 6654010 2 R 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$60.00

BASIC ATHLETIC TRNG KIN 222 3 CREDITS
 Prereq: BIOL 255, 255L
 7917005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

EVAL ATHLE INJUR II KIN 226 3 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 6673005 1 TR 10:30-12:20
 ARRANGED
 MEETS: JAN 10-MAY 6

ATH INJ II CLN PRAC KIN 227 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Satisfactory-Fail Only.
 6674005 1 ARRANGED
 MEETS: JAN 10-MAY 6

FUND OF AQUATICS KIN 230 1 CREDIT
 Prereq: 101 OR EQUIVALENT. ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
 Note: COURSE RESTRICTED TO EX SP, HHP, KIN H MAJORS ONLY.
 Instructor permission required 1st week.
 9614005 1 TR 11:00-11:50
 MEETS: JAN 10-MAY 6

FND INDOOR TEAM SPT KIN 232 1 CREDIT
 Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
 Note: COURSE RESTRICTED TO EX SP, HHP, KIN H MAJORS ONLY. FOR STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM.
 Instructor permission required 1st week.
 9616005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

KINESIOLOGY (CONTINUED)

KINESIOLOGY (CONTINUED)

FUND SELF-DEFENSE KIN 237 1 CREDIT
 Prereq: ELIGIBILITY FOR ADMISSION TO KIN TEACHER EDUCATION PROGRAM
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Instructor permission required 1st week.
 9621005 1 MW 8:00-8:50
 MEETS: JAN 10-MAY 6

INTRO TAPE, EQP, BRAC KIN 240 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Satisfactory-Fail Only.
 2583005 1 TR 9:30-10:20
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$60.00

KINESIOLOGY PROFESSNS KIN 252 2 CREDITS
 7415005 1 M 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 10-MAY 6
 7415010 2 M 12:10-1:00
 F 12:10-1:00
 MEETS: JAN 10-MAY 6

ORIEN KINESIOLOGY/HLTH KIN 253 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT OR CREDIT IN 252
 Satisfactory-Fail Only.
 7498005 1 WF 12:10-1:00
 MEETS: JAN 10-MAY 6
 7498010 2 ARRANGED
 MEETS: JAN 10-MAY 6

KINESIOLOGY SERVC LEARN KIN 257X .5 CREDIT
 Prereq: 254
 Satisfactory-Fail Only.
 9017005 ARRANGED
 MEETS: JAN 10-MAY 6

PHYS FITNESS & COND KIN 258 2 CREDITS
 Prereq: MAJOR IN KINESIOLOGY OR HEALTH
 Note: COURSE RESTRICTED TO PDEXA, PDEXH, EX SP, HHP, KIN H MAJORS ONLY. CREDIT FOR EITHER KIN 163 OR KIN 258, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5732005 1 TR 10:00-10:50
 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00
 5732010 2 TR 11:00-11:50
 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00
 5732015 3 TR 1:10-2:00
 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00
 5732020 4 TR 2:10-3:00
 M 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00

LDRSHIP TECH FITNESS KIN 259 2 CREDITS
 Prereq: 258
 Note: COURSE RESTRICTED TO PDEXA, PDEXH, EX SP, C H E, HHP, KIN H MAJORS ONLY.
 9622005 1 MW 1:10-3:00
 MEETS: JAN 10-MAY 6

FIELD EXP ELEM P E KIN 280 .5- 1 CREDITS
 Note: COURSE RESTRICTED TO PDEXA, PDEXH, EX SP, HHP, KIN H MAJORS ONLY.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 5736005 1 F 1:10-3:00
 MEETS: JAN 10-MAY 6

ELEM&PRESCH MVMT ED KIN 284 3 CREDITS
 Prereq: 3 CREDITS IN HUMAN DEVEL & FAMILY STUDIES
 Note: CREDIT FOR EITHER KIN 275/312 OR KIN 284, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5737005 1 MW 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$20.00

PRE-INTERN KINESIOLOGY KIN 285 1- 2 CREDITS
 Prereq: KINESIOLOGY AND HEALTH MAJOR, AND PERMISSION OF INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 8750005 ARRANGED
 MEETS: JAN 10-MAY 6

ELEM SCH MOVEMNT ED KIN 312 3 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN EX SP 280
 Note: COURSE RESTRICTED TO EX SP, HHP, KIN H MAJORS CREDIT FOR EITHER KIN 275/312 OR KIN 284, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 5735005 1 TR 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

COACH THY&ADMIN ISS KIN 315 3 CREDITS
 Note: COURSE RESTRICTED TO JRS AND SRS ONLY.
 5372005 1 TR 11:00-12:20
 ARRANGED
 MEETS: JAN 10-MAY 6

REHAB ATHLETIC INJUR KIN 326 3 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 2639005 1 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

REHAB ATH INJ PRACT KIN 327 1 CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Satisfactory-Fail Only.
 5373005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

MGT HEALTH-FIT PROG KIN 345 3 CREDITS
 Note: COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H PDEXA, PDEXH JRS & SRS, HHP MAJORS.
 7697005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$35.00

BIOMECHANICS KIN 355 3 CREDITS
 Prereq: PHYS 106 OR 111
 Note: COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H PDEXA, PDEXH JRS & SRS, HHP MAJORS.
 Available for nonmajor graduate credit
 5752015 1 MW 8:00-8:50
 T 8:00-9:40
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5752020 2 MW 8:00-8:50
 T 10:00-11:40
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5752025 3 MW 8:00-8:50
 T 12:10-1:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5752030 4 MW 8:00-8:50
 T 2:10-3:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5752035 5 MW 8:00-8:50
 T 4:10-5:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

PHYSIOLOGY EXERCISE KIN 358 3 CREDITS
 Prereq: BIOL 255, 255L, 256 AND 256L
 Note: COURSE RESTRICTED TO C H E, D EXA, D EXH, EX SP, KIN H, PDEXA, PDEXH JRS & SRS, HHP MAJORS.
 Available for nonmajor graduate credit
 5766005 1 MW 12:10-1:00
 T 8:00-9:40
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5766010 2 MW 12:10-1:00
 T 10:00-11:40
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5766015 3 MW 12:10-1:00
 T 12:10-1:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5766020 4 MW 12:10-1:00
 T 2:10-3:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5766025 5 MW 12:10-1:00
 T 4:10-5:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 5766030 6 MW 12:10-1:00
 T 6:10-7:50PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

SOC SPORT & EXERCISE KIN 360 3 CREDITS
 Prereq: SOC 134, STAT 101 OR 104 OR 226/326; OR KIN 471
 Note: COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H PDEXA, PDEXH JRS & SRS, HHP MAJORS.
 Instructor permission required 1st week.
 5753005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 5753010 2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

SPORT PSYCHOLOGY KIN 365 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 Note: COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H PDEXA, PDEXH JRS & SRS, HHP MAJORS.
 Instructor permission required 1st week.
 5754005 1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

KINESIOLOGY (CONTINUED)

EXERCISE PSYCHOLOGY KIN 366 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230
 Note: COURSE RESTRICTED TO EX SP, C H E, PDEXA, PDEXH, KIN H JRS & SRS, HHP MAJORS ONLY.
 7190005 1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

MOTOR CNTRL LIFESP KIN 372 3 CREDITS
 Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256
 Note: COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H PDEXA, PDEXH, JRS & SRS, HHP MAJORS.
 9623015 A MW 2:10-3:00
 R 8:00-9:40
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 9623020 B MW 2:10-3:00
 R 10:00-11:40
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 9623025 C MW 2:10-3:00
 R 12:10-1:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 9623030 D MW 2:10-3:00
 R 2:10-3:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 9623035 E MW 2:10-3:00
 R 4:10-5:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00
 9623040 F MW 2:10-3:00, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$10.00

TEACHNG PHYSICAL ED KIN 375 3 CREDITS
 Prereq: ADMISSION TO UNIVERSITY TEACHER EDUC PROG
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 5756005 1 MW 2:10-3:00
 R 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00
 5756010 2 MW 2:10-3:00
 F 8:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$10.00

SEARCH STRAT EMPLOY KIN 385 R CREDIT
 Prereq: JUNIOR CLASSIFICATION; TO BE TAKEN MINIMUM OF 2 SEMESTERS PRIOR TO KIN 485
 Note: COURSE RESTRICTED TO EX SP, KIN H, HHP JRS & ABOVE & FSHNA AND FSHNH GRADUATE STUDENTS.
 Satisfactory-Fail Only.
 5761005 1 R 2:10-3:00
 MEETS: JAN 10-MAY 6
 5761010 2 F 1:10-2:00
 MEETS: JAN 10-MAY 6

SUPR TCHG-SECONDARY KIN 417 8 CREDITS
 Prereq: 355,358,375,395,471,475, FULLY ADMITTED TO TEACHER ED, MUST APPLY FOR APPROVAL TO ENROLL AT BEGINNING OF THE SEMESTER PRIOR TO REGISTERING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 5764010 1A ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 Professional support, field trips &/or travel fee \$20.50-\$464.00
 5764015 1R ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 Professional support, field trips &/or travel fee \$20.50-\$464.00

SUPR TCHG-ELEMENTARY KIN 418 8 CREDITS
 Prereq: 280, 312, 355, 358, 375, 395, 471, 475, FULLY ADMITTED TO TEACHER EDUCATION, MUST APPLY FOR APPROVAL TO ENROLL AT THE BEGIN OF SEMESTER PRIOR TO REGISTERING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 5765005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.
 Professional support, field trips &/or travel fee \$20.50-\$464.00
 5765010 1A ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: SEC 1A FOR STUDENTS TEACHING IN CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 Professional support, field trips &/or travel fee \$20.50-\$464.00
 5765015 1R ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: SEC 1R FOR STUDENTS TEACHING OUTSIDE CENTRAL IOWA THE FIRST 8 WEEKS OF THE SEMESTER.
 Instructor permission required 1st week.
 Professional support, field trips &/or travel fee \$20.50-\$464.00

KINESIOLOGY (CONTINUED)

LEGAL ASPS OF SPORT KIN 445 3 CREDITS
 Note: COURSE RESTRICTED TO EX SP, PDEXA, PDEXH, KIN H JRS & SRS, HHP MAJORS.
 8560005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

RSCH TPC BIOMCHNICS KIN 455X 3 CREDITS
 Prereq: 355
 Note: Available for nonmajor graduate credit
 4476005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

PRIN FITNESS ASSESS KIN 458 4 CREDITS
 Prereq: 358
 Note: COURSE RESTRICTED TO EX SP, C H E, KIN H JRS & SRS & HHP MAJORS, FSHNA AND FSHNH GRADUATE STUDENTS
 Instructor permission required 1st week.
 5767005 1 MWF 1:10-2:00
 T 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00
 5767010 2 MWF 1:10-2:00
 T 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00
 5767015 3 MWF 1:10-2:00
 R 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00
 5767020 4 MWF 1:10-2:00
 R 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$10.00

INTERN EXER LEADRSR KIN 459 1 CREDIT
 Prereq: C- OR BETTER IN 259, CPR CERTIFICATION, CONCURRENT ENROLLMENT IN 458
 Note: CONCURRENT ENROLLMENT IN 458 IS REQUIRED.
 RESTRICTED TO C H E, D EXA, D EXH, EX SP, KIN H, PDEXA, PDEXH JRS & SRS, HHP MAJORS.
 3473005 1 ARRANGED
 MEETS: JAN 10-MAY 6

MEDIC ASPECTS EXERC KIN 462 3 CREDITS
 Prereq: 358
 Note: COURSE RESTRICTED TO D EXA, D EXH, EX SP, KIN H PDEXA, PDEXH JRS & SRS & HHP MAJORS.
 5763005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

MEASUREMT IN PHY ED KIN 471 3 CREDITS
 Note: RESTRICTED TO STUDENTS WITH FULL ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 7432005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

NEURL BASIS HUM MVT KIN 472 3 CREDITS
 Prereq: 372 OR PSYCH 310
 Note: Available for nonmajor graduate credit
 7322005 MW 3:10-4:30
 MEETS: JAN 10-MAY 6

FUNCTIONAL ANATOMY KIN 480 3 CREDITS
 Prereq: 355; BIOL 155, OR 255 AND 256
 Note: Available for nonmajor graduate credit
 6175005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INTERNSH FITNSS MGT KIN 485A 1-16 CREDITS
 Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN, C- OR BETTER IN 458 AND 459, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0
 Satisfactory-Fail Only.
 5772005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

INTERNSHP SPORT&ACT KIN 485B 1-16 CREDITS
 Prereq: SENIOR CLASSIFICATN, ADVANCE REGISTRATN, MAJOR IN KINESIOLOGY AND HEALTH, CUM GPA 2.0
 Satisfactory-Fail Only.
 5773005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

RSRCH TOPCS ATH TRN KIN 488 1- 2 CREDITS
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR
 Satisfactory-Fail Only.
 5775005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

ATHL TRAIN COMPETNC KIN 489 R CREDIT
 Prereq: PERMISS OF ATHLETIC TRAIN PROG DIRECTOR, SENIOR CLASSIFICATION
 Satisfactory-Fail Only.
 3220005 ARRANGED
 MEETS: JAN 10-MAY 6

KINESIOLOGY

(CONTINUED)

LANDSCAPE ARCHITECTURE

IND STUDY EXER&SPRT KIN 490A 1- 3 CREDITS
 Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND
 PERMISSION OF COORDINATOR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

IND STUDY COACHING KIN 490B 1- 3 CREDITS
 Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND
 PERMISSION OF COORDINATOR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS KIN 490H 1- 3 CREDITS
 Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND
 PERMISSION OF COORDINATOR
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS.
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

ADV PHYSIOL EXER II KIN 551 3 CREDITS
 Prereq: 505
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS
 5792005 M 4:10-6:00PM
 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

ADV VERTEB PHYSL II KIN 552 3 CREDITS
 Prereq: BIOL 335; CR OR ENRLMT IN BBMB 404 OR 420
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 2348005 1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

ACTVT ASESMT RSRCH KIN 570 3 CREDITS
 7454005 1 TR 4:10-5:30
 MEETS: JAN 10-MAY 6

NEURAL BASIS HM MVT KIN 572 3 CREDITS
 Prereq: 372 OR PSYCH 310
 7327005 MW 3:10-4:30
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS P E KIN 590A 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO KIN 590B 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL KIN 590D 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT SOCIO KIN 590E 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR BEHAV KIN 590G 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS KIN 590H 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC HUMN GRWTH KIN 590I 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E KIN 591A 1- 6 CREDITS
 Prereq: 10 GRAD CR IN HHP AND/OR RELATED AREAS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP EX PHYS KIN 591D 1- 6 CREDITS
 Prereq: 10 GRAD CR IN HHP AND/OR RELATED AREA
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT KIN 599 1- 3 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SEMINAR KIN 615 1- 3 CREDITS
 Note: Instructor permission required 1st week.
 5812005 ARRANGED
 MEETS: JAN 10-MAY 6

RESEARCH KIN 699 1- 6 CREDITS
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

STUDIO:SITE DSIGN I L A 202 6 CREDITS
 Prereq: 201
 Note: Instructor permission required 1st week.
 4767005 MW 1:10-5:20
 F 4:10-5:20
 F 1:10-3:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

INTRDUCD PLT MIDWST L A 222 3 CREDITS
 Prereq: 221
 Note: Instructor permission required 1st week.
 4774005 TR 12:40-1:30
 TR 1:40-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$610.00

SOCIAL&BEHAV LNDSCP L A 274 3 CREDITS
 Note: Meets U.S. diversity reqmt
 7943005 1 M 10:00-10:50
 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1 RESTRICTED TO L A MAJORS ONLY
 Field trips & travel fee \$0.00-\$25.00

LNDSCPE DYNMCS&DSGN L A 282X 3 CREDITS
 Prereq: SOPHOMORE STANDING
 1897005 TR 11:00-11:50
 F 10:00-11:50
 MEETS: JAN 10-MAY 6

ECO DSN REGNL SCALE L A 302 6 CREDITS
 Prereq: 301, 381, 465, AGRON 156
 Note: Instructor permission required 1st week.
 4778005 F 1:10-3:50
 F 4:10-5:20
 MW 1:10-5:20
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$100.00

FIELD TRAVEL L A 309 1- 2 CREDITS
 Prereq: ENROLLMENT IN THE PROFESSIONAL PROGRAM
 AND PERMISSION OF ADVISOR
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 4771005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$610.00

CONTEMP LANDSC ARCH L A 341 1 CREDIT
 Prereq: 301
 6119005 F 12:10-1:00
 MEETS: JAN 10-MAY 6

LAND ARC HIST 1750- L A 371 3 CREDITS
 4662005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$25.00

ADV LAND ARC DESIGN L A 404 6 CREDITS
 Prereq: 401
 Note: Instructor permission required 1st week.
 4781005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$610.00

ADV LAND ARC DESIGN L A 404H 6- 7 CREDITS
 Prereq: 401. MEMBERSHIP IN UNIV HONORS PROGRAM.
 Note: Instructor permission required.
 7150005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$610.00

SENIOR THESIS L A 405 6 CREDITS
 Prereq: 401, 402, 403 AND ENROLLMENT IN HONORS
 PROGRAM; PERMISSION OF ADVISOR, CHAIR AND THESIS
 ADVISOR

 SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS L A 405H 6- 7 CREDITS
 Prereq: 401, 402, 403 AND ENROLLMENT IN HONORS
 PROGRAM; PERMISSION OF ADVISOR, CHAIR AND THESIS
 ADVISOR
 Note: Instructor permission required.

 SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONL PRACTCE L A 441 2 CREDITS
 Prereq: 481
 Note: Instructor permission required 1st week.
 4783005 M 10:00-11:50
 MEETS: JAN 10-MAY 6

LANDSCAPE ARCHITECTURE (CONTINUED)

LANDSCAPE ARCHITECTURE (CONTINUED)

LAND ARCH INTERNSHP L A 451A R CREDIT
 Prereq: L A 341, PERMISSION OF ADVISOR AND CHAIR
 3036005 ARRANGED
 MEETS: JAN 10-MAY 6

L ARCH STUDY ABROAD L A 451B R CREDIT
 Prereq: L A 341, PERMISSION OF ADVISOR AND CHAIR
 6212005 ARRANGED
 MEETS: JAN 10-MAY 6

LA NAT'L STDT XCHNG L A 451C R CREDIT
 Prereq: L A 341, PERMISSION OF ADVISOR AND CHAIR
 6213005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPIC LANDSC DESIGN L A 478A 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 6216005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC CONSTRUCTION L A 478C 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 3913005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC HIST/THRY/CRT L A 478D 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 3917005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC LANDSC PLANNG L A 478E 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 3918005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC URBAN DESIGN L A 478F 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 3919005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPICAL ST GRAPHICS L A 478G 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 3921005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPICAL STUD HONORS L A 478H 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 3959005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC INTERDISCIPLIN L A 478I 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 3970005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC INTERNAT'L ST L A 478J 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4073005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC COMPUTER APP L A 478K 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4092005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC ECOLOG DESIGN L A 478L 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 6990005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC SOCIA/BEHAVRL L A 478M 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 3740005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC NATURL RSOURC L A 478N 2- 3 CREDITS
 Prereq: 371 OR SENIOR OR GRADUATE STANDING
 3741005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

ADV LNDSCP CONSTRUC L A 482 3 CREDITS
 Prereq: 481
 8224005 TR 9:30-10:50
 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$25.00

IND STDY LAND DSGN L A 490A 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY PLNTNG DSN L A 490B 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT L A 490C 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY L A 490D 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU LANDSC PLAN L A 490E 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY URBAN DSGN L A 490F 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY GRAPHICS L A 490G 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS L A 490H 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERDISC L A 490I 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU INT'L STUDI L A 490J 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY CMPTR APPL L A 490K 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ECO DESIGN L A 490L 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOCIAL/BHV L A 490M 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE (CONTINUED)

LANDSCAPE ARCHITECTURE (CONTINUED)

IND STU NATU RESRCE L A 490N 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

TOPIC LANDSC DESIGN L A 578A 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4114005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC CONSTRUCTION L A 578C 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4166005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC HIST/THRY/CRT L A 578D 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4182005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC LANDSC PLANNG L A 578E 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4191005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC URBAN DESIGN L A 578F 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4199005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPICAL ST GRAPHICS L A 578G 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4200005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC INTERDISCIPLIN L A 578I 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4226005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC INTERNAT'L ST L A 578J 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4228005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC COMPUTER APP L A 578K 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4250005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPICAL ECO DESIGN L A 578L 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 4254005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC SOCIA/BEHAVRL L A 578M 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 3747005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

TOPIC NATURL RSOURC L A 578N 2- 3 CREDITS
 Prereq: SENIOR OR GRADUATE STANDING
 3749005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$300.00

THESIS,CRTV CMP,TUT L A 580 1- 4 CREDITS
 Prereq: PERMISSION OF MAJOR PROFESSOR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC DSGN L A 590A 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY L A 590D 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN L A 590E 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSGN L A 590F 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GRAPHICS L A 590G 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS HONORS L A 590H 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A 590I 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL L A 590K 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL/BEHV L A 590M 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NATU RESRCE L A 590N 1- 6 CREDITS
 Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMTL LAW&PLAN L A 591 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 2350005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$30.00

CREATIVE COMPONENT L A 599 1- 8 CREDITS
 Prereq: PERMISSION OF MAJOR PROF
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH L A 699 1- 8 CREDITS
 Prereq: PERMISSION OF MAJOR PROFESSOR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

LATIN

ELEMENTARY LATIN I LATIN 101 4 CREDITS
 4854005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Materials and equipment use fee \$25.00
 4854600 XW ARRANGED MEYERS R
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$200.00
 Section info: <http://www.language.iastate.edu/main/pro/cis/cou/online/latin101.cfm>

LATIN (CONTINUED)

ELEMENTARY LATIN II LATIN 102 4 CREDITS
 Prereq: 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL LATIN MAY NOT ENROLL IN 102. STUDENTS WHO HAVE COMPLETED MORE THAN 1 YEAR BUT LESS THAN 3 YEARS OF H.S. LATIN ARE REQUIRED TO TAKE 1ST YR TESTOUT EXAM.
 Meets international perspectives reqmt
 4855005 1 MTWR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00
 4855010 2 MTWR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00
 4855600 XW ARRANGED HENRY M
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$200.00

ADV TOPICS LATIN LIT LATIN 442 3 CREDITS
 Prereq: 332
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 4860005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INDEPENDENT STUDY LATIN 490 1- 6 CREDITS
 Prereq: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE APPLIED TOWARD GRADUATION.
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES

ORIENTATION LAS 101 .5 CREDIT
 Satisfactory-Fail Only.
 6241005 W 1:10-2:00
 MEETS: JAN 10-MARCH 4

COMMUNCTN FRONTIERS LAS 103C 1 CREDIT
 Satisfactory-Fail Only.
 7464010 2 R 3:10-4:00
 MEETS: JAN 10-MAY 6
 7464015 3 R 4:10-5:00
 MEETS: JAN 10-MAY 6

MATH & SCI FRONTIERS LAS 103D 1 CREDIT
 Satisfactory-Fail Only.
 7465010 2 W 4:10-5:00
 MEETS: JAN 10-MAY 6
 7465015 3 W 4:10-5:00
 MEETS: JAN 10-MAY 6

SOCIAL SCI FRNTIERS LAS 103E 1 CREDIT
 Satisfactory-Fail Only.
 7466005 W 4:10-5:00
 MEETS: JAN 10-MAY 6

PERSONAL CAREER DEV LAS 104 2 CREDITS
 Prereq: 12 CREDITS OF ISU COURSEWORK
 6243005 1 TR 8:00-8:50
 MEETS: JAN 10-MAY 6
 6243010 2 TR 11:00-11:50
 MEETS: JAN 10-MAY 6
 6243015 3 MW 11:00-11:50
 MEETS: JAN 10-MAY 6
 6243020 4 MW 2:10-3:00
 MEETS: JAN 10-MAY 6

LEARN CMMUN SEMINAR LAS 140 1 CREDIT
 Prereq: MEMBER OF ACT LEARNING COMMUNITY
 Satisfactory-Fail Only.
 8174010 2 W 2:10-3:00
 MEETS: JAN 10-MAY 6

PRO EMPLOYMENT PREP LAS 201X 1 CREDIT
 Prereq: 2ND SEMESTER FRESHMAN OR TRANSFER STUDENT WITHIN THE COLLEGE OF LAS
 Satisfactory-Fail Only.
 6384005 W 3:10-5:00
 MEETS: JAN 10-MARCH 4

INTR U.S. LATINO ST LAS 211 3 CREDITS
 Note: Meets U.S. diversity reqmt
 2890005 1 TR 12:30-2:00
 MEETS: JAN 10-MAY 6
 2890010 2 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

LDRSHP DIVERSE SOCI LAS 222 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 8176005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

LIBERAL ARTS & SCIENCES (CONTINUED)

SPL PROB AMBASSADRS LAS 290A 1- 3 CREDITS
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;
 PERMISSION OF LAS DEAN
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7195005 1 ARRANGED
 MEETS: JAN 10-MAY 6

SPECIAL PROBLEMS LAS 290D 1- 3 CREDITS
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION;
 PERMISSION OF LAS DEAN
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB CATT CENTR LAS 290G 1- 3 CREDITS
 Prereq: FRESHMAN OR SOPHOMORE CLASSIFICATION,
 PERMISSION OF THE DIRECTOR OF THE CATT CENTER
 Note: PERMISSION OF DIRECTOR OF THE CATT CENTER REQUIRED TO ADD.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 298 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES,
 SOPHOMORE CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ASIAN AM CULTR HIST LAS 328X 3 CREDITS
 Note: Meets U.S. diversity reqmt
 8998006 TR 2:10-3:25
 MEETS: JAN 10-MAY 6

TOPCS INTRDISCIP ST LAS 350A 2- 4 CREDITS
 7871005 1 ARRANGED
 MEETS: JAN 10-MAY 6

TOPICS SOCIAL SCIEN LAS 350D 2- 4 CREDITS
 7875005 1 MW 2:10-3:00, ARRANGED
 MEETS: JAN 10-MAY 6

THE HOLOCAUST LAS 385 2- 3 CREDITS
 Note: Meets international perspectives reqmt
 4837005 T 6:00-9:00PM
 MEETS: JAN 10-MAY 6

PRE-STU ABROAD SEMN LAS 395A 1 CREDIT
 4279005 1 ARRANGED
 MEETS: JAN 10-MAY 6

STDY ABROAD HUMANIT LAS 395B 1- 4 CREDITS
 4289005 1 ARRANGED
 MEETS: JAN 10-MAY 6

STDY ABROAD COMMUNC LAS 395C 1- 4 CREDITS
 4293005 1 ARRANGED
 MEETS: JAN 10-MAY 6

STU ABROAD MATH&SCI LAS 395D 1- 4 CREDITS
 4294005 1 ARRANGED
 MEETS: JAN 10-MAY 6

STDY ABROAD SOC SCI LAS 395E 1- 4 CREDITS
 8018005 1 ARRANGED
 MEETS: JAN 10-MAY 6

INTERNSHIP/CO-OP LAS 398 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES,
 JUNIOR CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY LAS 490 VAR. CREDITS
 Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 Note: NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED TOWARD GRADUATION.
 College permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRNSH LAS 490E VAR. CREDITS
 Prereq: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 Note: NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED TOWARD GRADUATION.
 College permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR LAS 490G VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED TOWARD GRADUATION.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SERVICE LEARNING LAS 491 1- 4 CREDITS
 Prereq: PERMISSION OF THE INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES (CONTINUED)

INTERNSHIP/CO-OP LAS 498 R CREDIT
 Prereq: PERMISSION OF LAS CAREER SERVICES,
 SENIOR CLASSIFICATION
 Note: Instructor permission required.
 Satisfactory-Fail Only.

 SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LAS 499 1- 4 CREDITS
 Prereq: PERMISSION OF LAS CAREER SERVICES
 Note: College permission required.

 SEE DEPT FOR REFERENCE NUMBERS

LIBRARY

LIB INSTRUCTION LIB 160 .5 CREDIT
 Prereq: STUDENTS WHOSE NATIVE LANGUAGE IS NOT
 ENGLISH MUST COMPLETE ENGLISH 101 REQUIREMENT
 Note: TEST-OUT EXAM SCHEDULED WED., JAN. 19, 4:00 PM;
 THURS., JAN. 20, 3:00 PM; WED., MARCH 23, 4:00 PM; OR
 THURS., MARCH 24, 3:00 PM. SPECIAL LIBRARY TEST-OUT
 FEE IS \$20. DETAILS AVAILABLE IN 140 PARKS LIBRARY.
 Satisfactory-Fail Only.

4862005 1 M 9:00-9:50
 MEETS: JAN 10-MARCH 4

4862010 2 M 10:00-10:50
 MEETS: JAN 10-MARCH 4

4862015 3 M 11:00-11:50
 MEETS: JAN 10-MARCH 4

4862020 4 M 1:10-2:00
 MEETS: JAN 10-MARCH 4

4862025 5 M 2:10-3:00
 MEETS: JAN 10-MARCH 4

4862030 6 T 9:00-9:50
 MEETS: JAN 10-MARCH 4

4862035 7 T 10:00-10:50
 MEETS: JAN 10-MARCH 4

4862040 8 T 11:00-11:50
 MEETS: JAN 10-MARCH 4

4862045 9 W 10:00-10:50
 MEETS: JAN 10-MARCH 4

4862050 10 W 11:00-11:50
 MEETS: JAN 10-MARCH 4

4862055 11 W 1:10-2:00
 MEETS: JAN 10-MARCH 4

4862060 12 W 2:10-3:00
 MEETS: JAN 10-MARCH 4

4862065 13 R 9:00-9:50
 MEETS: JAN 10-MARCH 4

4862070 14 R 10:00-10:50
 MEETS: JAN 10-MARCH 4

4862075 15 R 1:10-2:00
 MEETS: JAN 10-MARCH 4

4862080 16 R 2:10-3:00
 MEETS: JAN 10-MARCH 4

4862085 17 F 9:00-9:50
 MEETS: JAN 10-MARCH 4

4862090 18 F 10:00-10:50
 MEETS: JAN 10-MARCH 4

4862095 19 F 11:00-11:50
 MEETS: JAN 10-MARCH 4

4862100 20 F 1:10-2:00
 MEETS: JAN 10-MARCH 4

4862105 21 M 9:00-9:50
 MEETS: BEGINS WK OF 3/7

4862110 22 M 10:00-10:50
 MEETS: BEGINS WK OF 3/7

4862115 23 M 11:00-11:50
 MEETS: BEGINS WK OF 3/7

4862120 24 M 1:10-2:00
 MEETS: BEGINS WK OF 3/7

4862125 25 M 2:10-3:00
 MEETS: BEGINS WK OF 3/7

4862130 26 T 9:00-9:50
 MEETS: BEGINS WK OF 3/7

4862135 27 T 10:00-10:50
 MEETS: BEGINS WK OF 3/7

4862140 28 T 11:00-11:50
 MEETS: BEGINS WK OF 3/7

4862145 29 W 10:00-10:50
 MEETS: BEGINS WK OF 3/7

4862150 30 W 11:00-11:50
 MEETS: BEGINS WK OF 3/7

4862155 31 W 1:10-2:00
 MEETS: BEGINS WK OF 3/7

4862160 32 W 2:10-3:00
 MEETS: BEGINS WK OF 3/7

4862165 33 R 9:00-9:50
 MEETS: BEGINS WK OF 3/7

4862170 34 R 1:10-2:00
 MEETS: BEGINS WK OF 3/7

4862175 35 R 2:10-3:00
 MEETS: BEGINS WK OF 3/7

4862180 36 F 9:00-9:50
 MEETS: BEGINS WK OF 3/7

4862185 37 F 10:00-10:50
 MEETS: BEGINS WK OF 3/7

4862190 38 F 11:00-11:50
 MEETS: BEGINS WK OF 3/7

4862200 39 F 1:10-2:00
 MEETS: BEGINS WK OF 3/7

4862210 41 T 1:10-2:00
 MEETS: JAN 10-MARCH 4

4862215 42 T 2:10-3:00
 MEETS: JAN 10-MARCH 4

LIBRARY (CONTINUED)

LIB INSTRUCTION LIB 160 .5 CREDIT
 4862220 43 R 11:00-11:50
 MEETS: JAN 10-MARCH 4

LINGUISTICS

INTRO STDY LINGUIST LING 101 1 CREDIT
 7490005 A T 3:40-4:30
 MEETS: JAN 10-MAY 6

INTR SYMBOLIC LOGIC LING 207 3 CREDITS
 Note: Instructor permission required 1st week.
 8592005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

INTRO LINGUISTICS LING 219 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 8593005 A MW 1:10-2:00
 F 10:00-10:50
 MEETS: JAN 10-MAY 6

8593010 B MW 1:10-2:00
 F 11:00-11:50
 MEETS: JAN 10-MAY 6

8593015 C MW 1:10-2:00
 F 1:10-2:00
 MEETS: JAN 10-MAY 6

8593020 D MW 1:10-2:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

DESCRP ENGL GRAMMAR LING 220 3 CREDITS
 Prereq: ENGL 250
 8594005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6

8594010 B MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

INTRO COMM DISORDER LING 275 3 CREDITS
 8596005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

THEORY OF COMPUTING LING 331 3 CREDITS
 Prereq: COM S 228, 229, 330 OR CPR E 310,
 MATH 166, ENGL 250 OR ENGL 105
 Note: Available for nonmajor graduate credit
 8601005 1 MWF 9:00-9:50
 T 9:00-9:50
 MEETS: JAN 10-MAY 6

8601010 2 MWF 9:00-9:50
 T 1:10-2:00
 MEETS: JAN 10-MAY 6

INTR SPANSH PHONOLG LING 352 3 CREDITS
 Prereq: SPAN 301, 303, OR 304
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3492005 1 ARRANGED LEONARD K
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Materials and equipment use fee \$25.00
 Section info: <http://lasonline.iastate.edu/span352>

PHONETICS&PHONOLOGY LING 371 3 CREDITS
 8595005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

HIST OF ENGLISH LANG LING 420 3 CREDITS
 Prereq: ENGL 219, 220
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 Available for nonmajor graduate credit
 8605005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6

2ND LANG LRNG&TCHNG LING 425 3 CREDITS
 Prereq: ENGL 219, JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 9594005 A T 6:10-9:00PM
 MEETS: JAN 10-MAY 6

IND STU LINGUI,SMAN LING 490B VAR. CREDITS
 Prereq: 9 CR IN ENGL BEYOND 250 APPROPRIATE TO
 THE TOPIC, JR CLASSIFICATION, PERMISSION OF THE
 UNDERGRADUATE STUDIES COMMITTEE
 Note: Department permission required.

 SEE DEPT FOR REFERENCE NUMBERS

IND STDY LING ANTHR LING 490D 1- 5 CREDITS
 Prereq: 9 CREDITS IN ANTHROPOLOGY
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SOCIOLINGUISTICS LING 514 3 CREDITS
 Prereq: 511 OR AN INTRO COURSE IN LING
 8619006 A W 6:10-9:00PM
 MEETS: JAN 10-MAY 6

LINGUISTICS (CONTINUED)

TCH NONNATV LIS&SPK LING 525 3 CREDITS
 Prereq: 511 OR INTRODUCTORY COURSE IN LINGUISTICS
 4479005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

DISCOURSE ANALYSIS LING 527 3 CREDITS
 Prereq: 511 OR AN INTRO COURSE IN LINGUISTICS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 2238005 A M 6:10-9:00PM
 MEETS: JAN 10-MAY 6

PRA TCH ENG 2ND LNG LING 588 3 CREDITS
 Prereq: 15 CREDITS TOWARD THE TESL/APPLIED
 LINGUISTICS MASTER'S DEGREE
 6550005 A ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$61.50
 6550600 XW ARRANGED VANN R
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00
 Section info: www.lasonline.iastate.edu/tesl

SPL TOP TESL/LINGUI LING 590B VAR. CREDITS
 Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMNR TEC&APP LINGU LING 630 3 CREDITS
 Prereq: ENGL 510, 511, 517, 518, OTHERS
 DEPEND ON THE TOPIC
 6567005 A R 6:10-9:00PM
 MEETS: JAN 10-MAY 6

PRACTCM TEC &LINGUI LING 688 3 CREDITS
 Prereq: ENGL 510, 626, OR EQUIVALENT; SECOND-YEAR
 PH.D. STUDENT
 6574005 A ARRANGED
 MEETS: JAN 10-MAY 6

LOGISTICS & SUPPLY CHAIN MGMT

DECISN TOOLS LOG&OP LSCM 460 3 CREDITS
 Prereq: 360 AND OSCM 320, OR SCM 301X
 Note: Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.

6790005 A1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

Note: SEC A1 RESTRICTED TO LSCM, SCM MAJORS ONLY
 6790010 A2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 FIN, MGMT, MIS, MKT AND OSCM MAJORS ONLY. NOT
 OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM
 1200 GERDIN.

PRIN TRANSPORTATION LSCM 461 3 CREDITS
 Prereq: 360 OR SCM 301X

Note: Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.

6791005 A1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

Note: SEC A1 RESTRICTED TO LSCM, SCM MAJORS ONLY
 6791010 A2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 FIN, MGMT, MIS, MKT AND OSCM MAJORS ONLY. NOT OPEN
 TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200
 GERDIN.

TRANSPO CARRIER MGT LSCM 462 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 461

Note: Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.

6792005 A1 MW 6:00-9:20PM
 MEETS: JAN 10-APRIL 6

Note: SEC A1 RESTRICTED TO LSCM, SCM MAJOR ONLY.
 6792010 A2 MW 6:00-9:20PM
 MEETS: JAN 10-APRIL 6

Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 FIN, MGMT, MIS, MKT AND OSCM MAJORS ONLY. NOT
 OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM
 1200 GERDIN.

DEMAND PLANNING&MGMT LSCM 485 3 CREDITS
 Prereq: 360 AND OSCM 320, OR SCM 301X

Note: COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY
 EXCEPT P BUS

Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.

1078005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

LOGISTICS & SUPPLY CHAIN MGMT (CONTINUED)

PRIN PRCHS&SPLY MGT LSCM 486 3 CREDITS
 Prereq: 360 AND OSCM 320, OR SCM 301X
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, BUSEC,
 FIN, I BUS, LSCM, MGMT, MIS, MKT, OSCM, SCM MAJORS
 ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN.
 Available for nonmajor graduate credit
 4788005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

STRTGC SPLY CHN MGT LSCM 487 3 CREDITS
 Prereq: LSCM 460 OR OSCM 422 OR OSCM 424;
 LSCM/OSCM 485 OR LSCM/OSCM 486
 Note: COURSE RESTRICTED TO LSCM, OSCM, SCM GRADUATING
 SENIORS S11
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 3085005 A TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 3085010 B TR 12:40-2:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY LSCM 490 1- 3 CREDITS
 Prereq: 360 OR SCM 301X, SENIOR CLASSIFICATION,
 INSTRUCTOR PERMISSION
 Note: COURSE NOT OPEN TO P BUS MAJORS
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT

ENTREPRENRSHP&INNOV MGMT 310 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: SEC A1,B1,C1 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM
 MAJORS ONLY. SEC A2,B2,C2 FOR COLLEGES OTHER THAN
 BUSINESS MAJORS
 College permission required to add during
 1st week. Go to 1200 Gerdin.

5318005 A1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

5318010 A2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

5318015 B1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

5318020 B2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

5318025 C1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

5318030 C2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

FEASIB ANLY&BUS PLN MGMT 313 3 CREDITS
 Prereq: 310

Note: SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS
 ONLY. SEC A2,B2 FOR COLLEGES OTHER THAN BUSINESS
 MAJORS. NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN.

6779005 A1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

6779010 A2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

6779015 B1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

6779020 B2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

Note: College permission required to add during
 1st week. Go to 1200 Gerdin.

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS
 Prereq: ECON 101 OR 102 OR EQUIVALENT

Note: SEC A1,B1,ETC RESTRICTED TO ACCT, AN S, AST,
 BUS S, BUS U, BUSEC, DY S, HORT, FIN, FS A, I TEC,
 I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY.
 SEC A2,B2,ETC FOR COLLEGES OTHER THAN BUSINESS, AST,
 AN S, DY S, FS A, HORT, I TEC. COURSE NOT OPEN TO
 GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 College permission required to add during
 1st week. Go to 1200 Gerdin.

5282005 A1 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

Note: CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MKT 340
 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND
 SCM 301X.

5282010 A2 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

5282015 B1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

Note: CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MKT 340
 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND
 SCM 301X.

5282020 B2 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

5282025 C1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

MANAGEMENT

(CONTINUED)

MANAGMT ORGANIZATNS MGMT 370 3 CREDITS
 5282030 C2 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 5282035 D1 M 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 5282040 D2 M 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 5282045 E1 MW 3:40-5:00
 MEETS: JAN 10-MAY 6
 5282050 E2 MW 3:40-5:00
 MEETS: JAN 10-MAY 6
 5282055 F1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 5282060 F2 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 5282065 G1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 5282070 G2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 5282075 J1 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 5282080 J2 W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 5282085 K1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 5282090 K2 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

ORGANIZATNAL BEHAVR MGMT 371 3 CREDITS
 Prereq: 370
 Note: SEC A1,B1, ETC RESTRICTED ACCT, BUS S, BUS U, BUSSEC, FIN, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY SEC A2,B2, ETC FOR COLLEGES OTHER THAN BUS. COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 College permission required to add during 1st week. Go to 1200 Gerdin.
 5283005 A1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 5283010 A2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 5283015 B1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 5283020 B2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 5283025 C1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 5283030 C2 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

COMPETITIVE STRATGY MGMT 377 3 CREDITS
 Prereq: 370 AND JUNIOR CLASSIFICATION
 Note: COURSE RESTRICTED MGMT MAJORS ONLY
 College permission required to add during 1st week. Go to 1200 Gerdin.
 5320005 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 5320010 B MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

SOCIAL ENTREPRNRSH MGMT 410X 3 CREDITS
 Prereq: JUNIOR STANDING OR INSTRUCTOR PERMISSION
 9201005 A1 MW 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO MGMT MAJORS ONLY
 9201010 A2 MW 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJOR OTHER THAN BUSINESS COLLEGE. NOT OPEN TO GRADUATE STUDENTS UNLESS APPROVED BY 1200 GERDIN.

INTERNATIONAL MGMT MGMT 414 3 CREDITS
 Note: SEC A1,B1 RESTRICTED TO AG B, I TEC, I BUS, MGMT MAJORS ONLY.
 SEC A2, B2 ECT FOR MAJORS OTHER THAN P BUS, AG B, I TEC, I BUS, MGMT.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN
 Available for nonmajor graduate credit
 College permission required to add during 1st week. Go to 1200 Gerdin.
 5285005 A1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 5285010 A2 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 5285015 B1 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 5285020 B2 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6

SOC RESPONSBLTY BUS MGMT 419 3 CREDITS
 Note: College permission required to add during 1st week. Go to 1200 Gerdin.
 5288005 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO BUSINESS MAJORS OTHER THAN P BUS. NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.

MANAGEMENT

(CONTINUED)

PERS&HUM RESOUR MGT MGMT 471 3 CREDITS
 Prereq: JUNIOR STANDING
 Note: SEC A1,B1,C1 RESTRICTED TO MGMT MAJORS. SEC A2,B2,C2 RESTRICTED MAJORS OTHER MGMT, P BUS. COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION OF 1200 GERDIN.
 College permission required to add during 1st week. Go to 1200 Gerdin.
 5293005 A1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 5293010 A2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 5293015 B1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 5293020 B2 TR 12:20-2:00
 MEETS: JAN 10-MAY 6
 5293025 C1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 5293030 C2 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

MANAGE OF DIVERSITY MGMT 472 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION OF 1200 GERDIN.
 Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 College permission required to add during 1st week. Go to 1200 Gerdin.
 4444005 A1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ACCT, BUS S, BUS U, BUSEC, FIN, LSCM, MGMT, MIS, MKT, OSCM SCM MAJORS ONLY.
 4444010 A2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN THE BUISNESS COLLEGE

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS
 Prereq: 370; FIN 301; MKT 340; ACCT 285;
 GRADUATING SENIOR; OSCM 320 AND LSCM 360, OR SCM 301X
 Note: COURSE RESTRICTED TO SENIORS GRADUATING SPRING 2011 IN THE COLLEGE OF BUSINESS
 College permission required to add during 1st week. Go to 1200 Gerdin.
 5294005 A1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 5294010 B1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 5294015 C1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 5294020 D1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 5294025 E1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 5294030 F1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 5294035 G1 TR 5:10-6:30PM
 MEETS: JAN 10-MAY 6
 5294040 J1 M 6:10-9:00PM
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY MGMT 490 1- 3 CREDITS
 Prereq: 370, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTL ENTRPRENEURSH MGMT 567 3 CREDITS
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3728600 XA W 5:50-9:10PM VANAUKEN H
 MEETS: JAN 12-APRIL 6
 Note: NON-BUSINESS GRADUATE STUDENTS NEED TO CONTACT BUSINESS GRADUATE OFFICE FOR APPROVAL AT 515-294-8118 OR DLJOHNS@IASTATE.EDU.
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by DES MOINES
 Tuition Category: Des Moines MBA

CORP GOVERN&LEADRSH MGMT 582 3 CREDITS
 Prereq: 502 OR PERMISSION
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8410005 A M 6:00-9:20PM SHRADER B
 MEETS: JAN 10-APRIL 4

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

PHILOSOPHY OF SCIENC MGMT 601 3 CREDITS
 Prereq: ENROLLMENT IN PH D PROGRAM
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 7256005 A R 2:10-5:00
 MEETS: JAN 10-MAY 6

MANAGEMENT

(CONTINUED)

STR MGMT/TECH & INV MGMT 603 3 CREDITS
 Prereq: MGMT 601
 Note: COURSE RESTRICTED TO BUSTC PHD MAJORS.
 7269005 A W 9:00-11:50
 MEETS: JAN 10-MAY 6

SEM IN ORGNZ BEHAV MGMT 604 3 CREDITS
 Prereq: ENROLLMENT IN PH D PROGRAM
 7274005 A T 9:00-11:50
 MEETS: JAN 10-MAY 6

MANAGEMENT INFORMATION SYSTEMS

MGMT INFO SYSTEMS MIS 330 3 CREDITS
 Prereq: BUSAD 150 OR COM S 103
 Note: SEC A1,B1,ETC. RESTRICTED TO ACCT, AG B, AST, BUS S,BUS U, BUSEC, FIN, I BUS, I TEC, MGMT, MIS, MKT, P BUS, OSCM, LSCM, SCM MAJORS ONLY.
 SEC A2,B2,ETC. FOR COLLEGE OTHER THAN BUSINESS, AG B, I TEC, AST. COURSE IS NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 College permission required to add during 1st week. Go to 1200 Gerdin.

4394005 A1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

4394010 A2 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

4394015 B1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

4394020 B2 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

4394025 C1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

4394030 C2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

FILE STRUCT&PROGRMG MIS 331 3 CREDITS
 Prereq: COM S 207
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.
 SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN, LSCM, MGMT, MKT, OSCM, SCM MAJORS.
 College permission required to add during 1st week. Go to 1200 Gerdin.

9608005 A1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

9608010 A2 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

CNT LANG SFTWRE DEV MIS 431 3 CREDITS
 Prereq: 331
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY.
 College permission required to add during 1st week. Go to 1200 Gerdin.

1775005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

INFO SYST ANALYSIS MIS 432 3 CREDITS
 Prereq: 330
 Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.
 SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN, MGMT, MKT, OSCM, SCM MAJORS ONLY. COURSE IS NOT OPENTO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 Available for nonmajor graduate credit
 College permission required to add during 1st week. Go to 1200 Gerdin.

5290005 A1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

5290010 A2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

DATABASE MGT SYSTMS MIS 433 3 CREDITS
 Prereq: 331
 Note: Available for nonmajor graduate credit
 College permission required to add during 1st week. Go to 1200 Gerdin.

5289005 A1 MW 2:10-3:30
 MEETS: JAN 10-MAY 6

Note: SEC A1 RESTRICTED TO MIS MAJORS ONLY.

5289010 A2 MW 2:10-3:30
 MEETS: JAN 10-MAY 6

Note: SEC A2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN, LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY. CREDIT FOR EITHER MIS 433 OR MIS 423, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

BUSINESS TELECOMMUN MIS 435 3 CREDITS
 Prereq: 330
 Note: SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY.
 SEC A2,B2 RESTRICTED TO ACCT, BUS U, BUSEC, FIN, LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY.
 CORSE IS NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 Available for nonmajor graduate credit
 College permission required to add during 1st week. Go to 1200 Gerdin.

6396005 A1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

6396010 A2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

6396015 B1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

6396020 B2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

MANAGEMENT INFORMATION SYSTEMS

(CONTINUED)

PROJECT MANAGEMENT MIS 437 3 CREDITS
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY.
 Available for nonmajor graduate credit
 4561005 A T 6:10-9:00PM
 MEETS: JAN 10-MAY 6

INFO SYSTM DEVELPMT MIS 438 3 CREDITS
 Prereq: 432, 433, 435
 Note: SEC A1,B1 RESTRICTED TO MIS MAJORS ONLY
 SEC A2,B2 RESTICTED TO ACCT, BUS U, BUSEC, FIN, LSCM, MGMT, MKT, OSCM, SCM MAJORS ONLY.
 COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 Available for nonmajor graduate credit
 College permission required to add during 1st week. Go to 1200 Gerdin.

5291005 A1 MW 3:40-5:00
 MEETS: JAN 10-MAY 6

5291010 A2 MW 3:40-5:00
 MEETS: JAN 10-MAY 6

5291015 B1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

5291020 B2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

ADV DATA COMMUNICAT MIS 445 3 CREDITS
 Prereq: 435
 Note: COURSE RESTRICTED TO MIS MAJORS ONLY
 College permission required to add during 1st week. Go to 1200 Gerdin.

7696005 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY MIS 490 1- 3 CREDITS
 Prereq: 330, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGMT INFO SYSTMS MIS 501X 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
 Note: RESTRICTED TO BUSAD GRADUATE STUDENTS ONLY

9394005 A R 8:30-11:50 MENNECKE B
 MEETS: JAN 13-APRIL 7

DATA MGT DECISN MAK MIS 533 3 CREDITS
 Prereq: 503
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

2271005 A T 6:00-9:20PM MENNECKE B
 MEETS: JAN 12-APRIL 6

INFO RESOURCE MGMT MIS 537 3 CREDITS
 Prereq: 503
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

2187005 A W 6:00-9:20PM SLY D
 MEETS: JAN 12-APRIL 6

SPECIAL TOPICS MIS 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT MIS 599 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF SUPERVISORY COMMITTEE CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SMNR IT STRATG&STRU MIS 603 3 CREDITS
 Prereq: 601

7531005 A T 2:10-5:00
 MEETS: JAN 10-MAY 6

RESEARCH MIS 699 3- 6 CREDITS
 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING

PRIN OF MARKETING MKT 340 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN ECON 101
 Note: SEC A1,B1,ECT RESTRICTED TO ACCT, AG B, AST, AN S, BUS S, BUS U, BUSEC, DY S, HORT, I TEC, FS A, FIN, I BUS, LSCM, MGMT, MIS, MKT, OSCM, P S A, SCM.
 SEC A2,B2,ECT FOR COLLEGES OTHER THAN BUSINESS, AG B, AN S, AST, DY S, HORT, FS A, P S A.
 COURSE IS NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 College permission required to add during 1st week. Go to 1200 Gerdin.

5352005 A1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC A1 CONCURRENT ENROLLMENT OR PRIOR CREDIT IN MGMT 370 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND SCM 301X.

5352010 A2 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

5352015 B1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

Note: SEC B1 CONCURRENT ENROLLMENT OR PRIOR CREDIT IN O MGMT 370 IS RECOMMENDED FOR THIS ENROLLMENT BLOCK.
 NEXT SEMESTER ENROLLMENT BLOCK INCLUDES FIN 301 AND SCM 301X.

MARKETING

(CONTINUED)

PRIN OF MARKETING MKT 340 3 CREDITS
 5352020 B2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 5352025 C1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 5352030 C2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 5352035 D1 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6
 5352040 D2 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6
 5352045 E1 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 5352050 E2 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6

PERSONAL SALES MKT 343 3 CREDITS
 Prereq: 340
 Note: SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U,
 BUSEC, FIN, I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM
 MAJORS ONLY. SECTIONS A2,B2 FOR COLLEGES OTHER THAN
 BUISNESS.
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 5354005 A1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 5354010 A2 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 5354015 B1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 5354020 B2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

PROMOTIONAL STRATEG MKT 410 3 CREDITS
 Prereq: CR OR ENROLLMENT IN 447
 Note: SEC A1,B1 RESTRICTED TO MKT MAJORS ONLY.
 SEC A2,B2 FOR MAJORS OTHER THAN MKT AND P BUS.
 COURSE IS NOT OPEN TO GRADUATE STUDENTS
 WITHOUT PERMISSION FROM 1200 GERDIN.
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 5355005 A1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 5355010 A2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 5355015 B1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 5355020 B2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

STRATEGC MRKTING MGT MKT 443 3 CREDITS
 Prereq: 444, 447
 Note: COURSE RESTRICTED TO MKT SENIORS GRADUATING S11
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 5358005 A MW 2:10-3:30
 MEETS: JAN 10-MAY 6
 5358010 B MW 3:40-5:00
 MEETS: JAN 10-MAY 6
 5358015 C TR 6:10-9:00PM
 MEETS: JAN 10-MAY 6

FUND MARKTG RSEARCH MKT 444 3 CREDITS
 Prereq: 340, STAT 226
 Note: COURSE RESTRICTED TO MKT MAJORS ONLY.
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 5359005 A TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 5359010 B W 5:30-8:30PM
 MEETS: JAN 10-MAY 6

CUSTOMER RELATN MGT MKT 445X 3 CREDITS
 Prereq: 340
 Note: SEC A1,B1 RESTRICTED TO MKT MAJORS ONLY. SECT
 A2,B2 FOR MAJORS OTHER THAN MKT. COURSE IS NOT OPEN
 TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200
 GERDIN.
 9068005 A1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 9068010 A2 TR 8:00-9:30
 MEETS: JAN 10-MAY 6
 9068015 B1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 9068020 B2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

FUND CONSUMER BEHAV MKT 447 3 CREDITS
 Prereq: 340
 Note: SEC A1,B1,ETC. RESTRICTED TO AST, FS A,
 MKT, I TEC. SEC A2,B2,ETC. FOR MAJORS OTHER
 THAN AST, FS A, I TEC, MKT, P BUS.
 COURSE IS NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN.
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 5362005 A1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 5362010 A2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 5362015 B1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

MARKETING

(CONTINUED)

FUND CONSUMER BEHAV MKT 447 3 CREDITS
 5362020 B2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 5362025 C1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 5362030 C2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

FUND INT'L MARKETNG MKT 448 3 CREDITS
 Prereq: 340
 Note: Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 9609005 A M 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED MKT, I BUS MAJORS ONLY.

INDEPENDENT STUDY MKT 490 1- 3 CREDITS
 Prereq: 340, SR CLASSIFICATN; INSTRUCTOR PERMISSN
 Note: Department permission required.

 SEE DEPT FOR REFERENCE NUMBERS

MARKETING MKT 501X 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL
 PERMISSION
 Note: RESTRICTED TO BUSAD GRADUATE STUDENTS ONLY
 9392005 A W 8:30-11:50 AGARWAL S
 MEETS: JAN 12-APRIL 6
 9392600 XA W 5:50-9:10PM AGARWAL S
 MEETS: JAN 12-APRIL 6
 Note: NON-BUSINESS GRADUATE STUDENTS NEED TO CONTACT
 BUSINESS GRADUATE OFFICE FOR APPROVAL AT 515-294-8118
 OR DLJOHNS@IASTATE.EDU.
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by DES MOINES
 Tuition Category: Des Moines MBA

INT'L MARKETING MKT 541 3 CREDITS
 Prereq: 504, 509
 8678600 XA M 5:50-9:10PM AGARWAL S
 MEETS: JAN 10-APRIL 4
 Note: NON-BUSINESS GRADUATE STUDENTS NEED TO CONTACT
 BUSINESS GRADUATE OFFICE FOR APPROVAL AT 515-294-8118
 OR DLJOHNS@IASTATE.EDU.
 Section XA is off campus
 Course delivery is On-site instruction
 Taught at, in or by DES MOINES
 Tuition Category: Des Moines MBA

CONSUMER BEHAVIOR MKT 547 3 CREDITS
 Prereq: 504
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7170005 A W 6:00-9:20PM RAJU S
 MEETS: JAN 12-APRIL 6

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

 SEE DEPT FOR REFERENCE NUMBERS

SMNR CONSUMER BEHAV MKT 601 3 CREDITS
 Prereq: MGMT 601
 Note: COURSE RESTRICTED TO BUSTC PHD MAJORS.
 7625005 A T 9:00-11:50
 MEETS: JAN 10-MAY 6

CUSTMR MGT STRT&IMP MKT 603 3 CREDITS
 Prereq: 601
 Note: COURSE RESTRICTED TO BUSTC PHD MAJORS.
 7635005 A M 9:00-11:50
 MEETS: JAN 10-MAY 6

ISS INTER-ORG RELAT MKT 604 3 CREDITS
 Prereq: MGMT 602
 7640005 A W 2:10-5:00
 MEETS: JAN 10-MAY 6

MATERIALS ENGINEERING

STRUCTRL CHARAC MAT MAT E 214 3 CREDITS
 Prereq: 215, CR OR ENROLLMENT IN PHYS 221
 6333005 A TR 8:00-8:50
 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 6333010 B TR 8:00-8:50
 R 9:00-11:50
 MEETS: JAN 10-MAY 6
 6333015 C TR 8:00-8:50
 T 1:10-4:00
 MEETS: JAN 10-MAY 6
 6333020 D TR 8:00-8:50
 R 1:10-4:00
 MEETS: JAN 10-MAY 6

MATERIALS ENGINEERING (CONTINUED)

MATERIALS ENGINEERING (CONTINUED)

INTRO MATRLS SCI II MAT E 216 4 CREDITS
 Prereq: 215, CREDIT OR ENROLLMENT IN PHYS 222;
 MAJOR IN MATERIALS ENGINEERING
 Note: COURSE RESTRICTED TO MAT E MAJORS ONLY
 7497005 A MWF 10:00-10:50
 M 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 7497010 B MWF 10:00-10:50
 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 7497015 C MWF 10:00-10:50
 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 7497020 D MWF 10:00-10:50
 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6

GLOBLIZTN & SUSTAIN MAT E 220X 3 CREDITS
 Note: Meets international perspectives reqmt
 9059005 1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 9059010 2 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 9059015 3 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

PRIN MATRLS SCI&ENG MAT E 272 2 CREDITS
 Prereq: CHEM 167 OR 177, SOPHOMORE CLASSIFICATION
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: MAT E 215, MAT E 272,
 MAT E 392
 Night exams scheduled. For dates go to
 http://www.iastate.edu/~registrar/exams/nitexam.html.
 6394005 A1 MW 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO A E, M E SOPH AND ABOVE
 6394010 A2 MW 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SECT A2 RESTRICTED TO C E, CH E, CON E, CPR E,
 E E, ENGR, MAT E, S E SOPHOMORES, JUNIORS, AND
 SENIORS, AND ENGRS
 6394015 A3 MW 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC A3 RESTRICTED TO AER E, I E SOPH AND ABOVE

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

KINETC&PHASE EQ MAT MAT E 314 3 CREDITS
 Prereq: 216, 311
 Note: Available for nonmajor graduate credit
 6575005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

COMPUT MTHDS MATRLS MAT E 316 3 CREDITS
 Prereq: 216
 Note: Available for nonmajor graduate credit
 6576005 MF 1:10-2:00
 W 1:10-2:00, ARRANGED
 MEETS: JAN 10-MAY 6

CERAM PROCES FIRING MAT E 322 3 CREDITS
 Prereq: 321
 Note: Available for nonmajor graduate credit
 6592005 A MF 9:00-9:50
 T 8:00-10:50
 MEETS: JAN 10-MAY 6
 6592010 B MF 9:00-9:50
 R 8:00-10:50
 MEETS: JAN 10-MAY 6

SEMICND MTRLS&DEVIC MAT E 332 3 CREDITS
 Prereq: PHYS 222, MAT E MAJORS MUST ALSO HAVE
 CREDIT IN MAT E 334
 Note: Available for nonmajor graduate credit
 6597005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

INTR ELEC PROP MTRL MAT E 334 3 CREDITS
 Prereq: 317
 Note: Available for nonmajor graduate credit
 6596005 TR 12:40-1:30
 R 9:00-10:50
 MEETS: JAN 10-MAY 6

STRUC RELAT NONFERR MAT E 342 3 CREDITS
 Prereq: 216
 Note: Available for nonmajor graduate credit
 6612005 A MF 2:10-3:00
 W 2:10-3:00, ARRANGED
 MEETS: JAN 10-MAY 6

PRIN NONDESTRC TEST MAT E 362 3 CREDITS
 Prereq: PHYS 112 OR 222
 Note: Available for nonmajor graduate credit
 5045005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 5045600 XE ARRANGED BOWLER N
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 12:10-1 PM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: http://www.ede.iastate.edu
 /online-spring-courses-2011/view-all-product
 Cmptr reqmt: http://www.ede.iastate.edu/support
 /computer-requirements/hardware.htm

NONDESTRUC TEST LAB MAT E 362L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 362
 Note: Available for nonmajor graduate credit
 5046005 A M 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 5046010 B T 3:10-6:00PM
 MEETS: JAN 10-MAY 6

TOYING WITH TECHNOL MAT E 370 3 CREDITS
 Prereq: C I 201, NOT IN ENGINEERING MAJOR
 5939005 A TR 1:10-3:00
 MEETS: JAN 10-MAY 6

FOREIGN STUDY PREP MAT E 391 3 CREDITS
 Note: CREDIT TOWARD GRADUATION FOR MAT E 391 ALLOWABLE
 ONLY UPON COMPLETION OF MAT E 392
 Meets U.S. diversity reqmt
 Satisfactory-Fail Only.
 5681005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

ENGR INTERNSHIP MAT E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES; JR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC MAT E 398 R CREDIT
 Prereq: 298, PERMISSN OF DEPRMTNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO PRACTICE IV MAT E 414 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 6650005 MW 10:00-10:50
 ARRANGED
 MEETS: JAN 10-MAY 6

MECHANCL BEHAVR MAT MAT E 418 3 CREDITS
 Prereq: 216, CREDIT OR ENROLLMENT IN E M 324
 Note: Available for nonmajor graduate credit
 6585005 A MF 8:00-8:50
 W 8:00-8:50, ARRANGED
 MEETS: JAN 10-MAY 6

POLYMERS & POLY ENGR MAT E 442 3 CREDITS
 Prereq: CH E 382 AND CHEM 331 OR MAT E 351
 Note: Available for nonmajor graduate credit
 3766005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

CORROSN&FAILUR ONLY MAT E 444 3 CREDITS
 Prereq: 216, CREDIT OR ENROLLMENT IN 418
 Note: Available for nonmajor graduate credit
 6680005 A MF 1:10-2:00
 T 3:10-4:00, ARRANGED
 MEETS: JAN 10-MAY 6
 6680010 B MF 1:10-2:00
 T 4:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6

POLYMR CMPOSIT&PROC MAT E 454 3 CREDITS
 Prereq: 351
 Note: Available for nonmajor graduate credit
 6683005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

BIOMATERIALS MAT E 456 3 CREDITS
 Prereq: 216 OR 272 OR 392
 8768005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

MULTIDISC ENGR DSGN MAT E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS
 OF GRADUATION, PERMISSION OF INSTRUCTOR
 1740005 A T 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

MATERIALS ENGINEERING (CONTINUED)

MLTDISC ENGR DSN II MAT E 467X 3 CREDITS
 Prereq: STUDENT MUST BE WITHIN TWO SEMESTERS OF GRADUATION OR RECEIVE PERMISSION OF INSTRUCTOR
 9037005 R 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY MAT E 490 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC MAT E 498 R CREDIT
 Prereq: 398, PERMISSN OF DEPRMTNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS SCIENCE & ENGINEERING

BHV&MFG POLYM&CMPOS M S E 521 3 CREDITS
 Prereq: M E 324 OR MAT E 272 AND E M 324
 5075005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

5075600 XE ARRANGED CHANDRA A
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 9:30-10:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produce>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

SOLID STATE SCIENCE M S E 530 3 CREDITS
 Prereq: MAT E 334 OR E E 332 OR PHYS 322
 5616005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

FUND NONDESTRU EVAL M S E 550 4 CREDITS
 Prereq: E M 324, MATH 385
 8550005 MWF 10:00-10:50
 T 9:00-10:50
 MEETS: JAN 10-MAY 6

CHARACTRZTN METHODS M S E 551 3 CREDITS
 Prereq: MAT E 214
 1925005 MW 10:00-10:50
 W 1:10-4:00
 MEETS: JAN 10-MAY 6

SCAN&AUGER MICRSCPY M S E 552 3 CREDITS
 Prereq: PHYS 222
 5092600 XE ARRANGED CHUMBLEY S
 MEETS: JAN 10-MAY 6
 Note: Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Cmptr reqmt: <http://www.ede.iastate.edu/support/help-central.html>

POLYMR CMPOSIT&PROC M S E 554 3 CREDITS
 Prereq: MAT E 351
 3507005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

BIOMATERIALS M S E 556 3 CREDITS
 Prereq: MAT E 216 OR 272 OR 392
 5091005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS M S E 590 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ACAD TEACH PRACTCES M S E 610 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5685005 ARRANGED
 MEETS: JAN 10-MAY 6

POWDR DIFFRACT MTHD M S E 651 3 CREDITS
 Prereq: MSE 510
 5079005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

ADV TOPICS MATRL SC M S E 690 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M S E 697 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN Satisfactory-Fail Only.
 4307005 ARRANGED
 MEETS: JAN 10-MAY 6

MATERIALS SCIENCE & ENGINEERING (CONTINUED)

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

MATHEMATICS

HIGH SCHOOL ALGEBRA MATH 10 0 CREDITS
 Note: DEVELOPMENTAL MATH FEE APPLIES. SEE [HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEEES/FEEINFO.HTML](http://www.iastate.edu/~REGISTRAR/FEEES/FEEINFO.HTML) FOR MORE INFORMATION ON THIS FEE.
 Instructor permission required 1st week.
 Satisfactory-Fail Only.
 5115005 A MTRF 11:00-11:50
 MEETS: JAN 10-MAY 6
 5115010 B MTRF 1:10-2:00
 MEETS: JAN 10-MAY 6

INTRO PROBAB&MATRIC MATH 104 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
 Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 104 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 5128005 A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

INTRO TO MATH IDEAS MATH 105 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YEAR OF HS GEOMETRY
 Note: CREDITS EARNED IN MATH 105 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS
 5129005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

COLLEGE ALGEBRA MATH 140 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
 Note: CREDITS EARNED IN MATH 140 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY NOT APPLY MATH 140 TOWARD GRADUATION IN GROUP III OF THE GEN ED REQUIREMENTS.

5132005 A MF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 10-MAY 6

5132010 B MF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 10-MAY 6

5132015 C MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 10-MAY 6

5132020 D MF 10:00-10:50
 W 10:00-10:50
 MEETS: JAN 10-MAY 6

5132025 E MF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 10-MAY 6

5132030 F MF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 10-MAY 6

5132600 XW ARRANGED WAGNER B
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

TRIGONOMETRY MATH 141 2 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLED IN 140
 Note: CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 141 MAY NOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. LAS COLLEGE STUDENTS MAY NOT COUNT MATH 141 TOWARD GROUP III OF THE GEN ED REQUIREMENTS. THE TWO SCHEDULED HOURS ARE FOR EXAMS AND HELP SESSIONS ONLY.

5133005 A ARRANGED, R 1:10-2:00
 T 1:10-2:00
 MEETS: JAN 10-APRIL 1

5133600 XW ARRANGED WAGNER B
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$100.00

TRIG&ANALY GEOMETRY MATH 142 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 1 YEAR OF HIGH SCHOOL GEOMETRY, OR ENROLLMENT IN 140
 Note: CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 142 MAY NOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. LAS COLLEGE STUDENTS MAY NOT COUNT MATH 142 TOWARD GROUP III OF THE GEN ED REQUIREMENTS. THE TWO SCHEDULED HOURS ARE FOR EXAMS AND HELP SESSIONS ONLY.

5134005 A ARRANGED
 W 11:00-11:50
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW

MATHEMATICS

(CONTINUED)

TRIG&ANALY GEOMETRY MATH 142 3 CREDITS
 5134010 B ARRANGED
 W 11:00-11:50
 R 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 5134015 C ARRANGED, W 2:10-3:00
 T 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 5134020 D ARRANGED, W 2:10-3:00
 R 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 5134025 E ARRANGED, R 3:10-4:00
 T 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 5134600 XW ARRANGED WAGNER B
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

DISC MATH BUS&SOC S MATH 150 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
 Note: COURSE IS A WORLD WIDE WEB LECTURE. THE
 SCHEDULED HOUR IS FOR LAB SESSIONS ONLY.
 CREDIT FOR EITHER MATH 104 OR MATH 150, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 CREDITS EARNED IN MATH 150 CANNOT BE APPLIED
 TOWARD GRADUATION BY MATH MAJORS.
 5135005 A ARRANGED, W 9:00-9:50
 MEETS: JAN 10-MAY 6
 Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135010 B ARRANGED, F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135015 C ARRANGED
 W 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135020 D ARRANGED
 F 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135025 E ARRANGED
 W 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135030 F ARRANGED
 F 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135035 G ARRANGED, W 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135040 H ARRANGED, F 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135045 J ARRANGED, W 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135105 K ARRANGED, F 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135110 L ARRANGED, W 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135115 M ARRANGED, F 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135120 N ARRANGED, W 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135125 P ARRANGED, F 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

MATHEMATICS

(CONTINUED)

DISC MATH BUS&SOC S MATH 150 3 CREDITS
 /sp/current
 5135130 Q ARRANGED, W 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>
 5135135 R ARRANGED, F 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Section info: <http://orion.math.iastate.edu/mathbus/sp/current>

BUS & SOC SCI CALC MATH 151 3 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182. CREDITS EARNED IN MATH 151
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 5136005 A MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 10-MAY 6
 5136010 B MF 8:00-8:50
 T 8:00-8:50
 MEETS: JAN 10-MAY 6
 5136015 C MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 10-MAY 6
 5136020 D MF 8:00-8:50
 W 8:00-8:50
 MEETS: JAN 10-MAY 6
 5136025 E MF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 10-MAY 6
 5136030 F MF 8:00-8:50
 R 8:00-8:50
 MEETS: JAN 10-MAY 6
 5136040 G MF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 10-MAY 6
 5136045 J MF 12:10-1:00
 T 12:10-1:00
 MEETS: JAN 10-MAY 6
 5136050 K MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 10-MAY 6
 5136055 L MF 12:10-1:00
 W 12:10-1:00
 MEETS: JAN 10-MAY 6
 5136060 M MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 10-MAY 6
 5136065 N MF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 10-MAY 6

SURVEY OF CALCULUS MATH 160 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HIGH SCHOOL ALGEBRA, 1 YR OF GEOMETRY
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182. IF MATH 165, MATH 160 AND
 MATH 151 ARE TAKEN, ONLY 5 CREDITS CAN BE APPLIED
 TOWARD GRADUATION. CREDITS EARNED IN MATH 160
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 5137005 A MTRF 10:00-10:50
 MEETS: JAN 10-MAY 6
 5137010 B MTRF 12:10-1:00
 MEETS: JAN 10-MAY 6

CALCULUS I MATH 165 4 CREDITS
 Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 1 YRS OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
 OR ENROLLMENT IN 141 OR 142
 Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
 COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
 160, 165-166, 181-182
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 5138005 A MTRF 9:00-9:50
 MEETS: JAN 10-MAY 6
 5138010 B MWF 10:00-10:50
 T 9:00-9:50
 MEETS: JAN 10-MAY 6
 5138015 C MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 10-MAY 6
 5138020 D MWF 10:00-10:50
 T 10:00-10:50
 MEETS: JAN 10-MAY 6
 5138025 E MWF 10:00-10:50
 R 9:00-9:50
 MEETS: JAN 10-MAY 6
 5138030 F MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 10-MAY 6
 5138035 G MWF 10:00-10:50
 R 10:00-10:50
 MEETS: JAN 10-MAY 6
 5138040 J MTRF 11:00-11:50
 MEETS: JAN 10-MAY 6
 5138045 K MTRF 1:10-2:00
 MEETS: JAN 10-MAY 6
 5138050 L MTRF 1:10-2:00
 MEETS: JAN 10-MAY 6

MATHEMATICS

(CONTINUED)

CALCULUS I MATH 165 4 CREDITS

5138055 M MTRF 2:10-3:00
MEETS: JAN 10-MAY 6
5138060 N MTRF 3:10-4:00
MEETS: JAN 10-MAY 6

CALCULUS II MATH 166 4 CREDITS

Prereq: GRADE OF C- OR BETTER IN 165 OR
HIGH MATH PLACEMENT SCORES
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
160, 165-166, 181-182.
Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.

5139005 A MWF 9:00-9:50
T 8:00-8:50
MEETS: JAN 10-MAY 6
5139010 B MWF 9:00-9:50
T 8:00-8:50
MEETS: JAN 10-MAY 6
5139015 C MWF 9:00-9:50
T 8:00-8:50
MEETS: JAN 10-MAY 6
5139032 D MWF 9:00-9:50
T 9:00-9:50
MEETS: JAN 10-MAY 6
5139025 E MWF 9:00-9:50
T 9:00-9:50
MEETS: JAN 10-MAY 6
5139030 F MWF 9:00-9:50
T 9:00-9:50
MEETS: JAN 10-MAY 6
5139035 G MWF 9:00-9:50
R 8:00-8:50
MEETS: JAN 10-MAY 6
5139040 H MWF 9:00-9:50
R 8:00-8:50
MEETS: JAN 10-MAY 6
5139045 J MWF 9:00-9:50
R 8:00-8:50
MEETS: JAN 10-MAY 6
5139050 K MWF 9:00-9:50
R 9:00-9:50
MEETS: JAN 10-MAY 6
5139055 L MWF 9:00-9:50
R 9:00-9:50
MEETS: JAN 10-MAY 6
5139060 M MWF 9:00-9:50
R 9:00-9:50
MEETS: JAN 10-MAY 6
5139065 N MTRF 10:00-10:50
MEETS: JAN 10-MAY 6
5139070 P MTRF 10:00-10:50
MEETS: JAN 10-MAY 6
5139075 Q MWF 11:00-11:50
T 12:10-1:00
MEETS: JAN 10-MAY 6
5139080 R MWF 11:00-11:50
T 11:00-11:50
MEETS: JAN 10-MAY 6
5139085 S MWF 11:00-11:50
T 11:00-11:50
MEETS: JAN 10-MAY 6
5139090 T MWF 11:00-11:50
R 12:10-1:00
MEETS: JAN 10-MAY 6
5139095 U MWF 11:00-11:50
R 11:00-11:50
MEETS: JAN 10-MAY 6
5139100 V MWF 11:00-11:50
R 11:00-11:50
MEETS: JAN 10-MAY 6
5139105 W MTRF 12:10-1:00
MEETS: JAN 10-MAY 6
5139110 Y MTRF 1:10-2:00
MEETS: JAN 10-MAY 6
5139115 Z MTRF 1:10-2:00
MEETS: JAN 10-MAY 6
5139120 A1 MTRF 2:10-3:00
MEETS: JAN 10-MAY 6
5139125 B1 MTWR 5:10-6:00PM
MEETS: JAN 10-MAY 6
5139130 C1 MWF 7:30-8:50
MEETS: JAN 10-MAY 6
5139600 XW MWF 7:30-8:40 HENTZEL I
MEETS: JAN 10-MAY 6

Note: SYNCHRONOUS COURSE: CLASS TIMES ARE SCHEDULED
WITH REQUIRED VIRTUAL ATTENDANCE.
Section XW is off campus
Course delivery is WW
Delivery fee \$200.00

LIFE SCI CALC&MDL I MATH 181 4 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF H.S. ALGEBRA, 1 YR H.S. GEOMETRY,
1 SEMESTER OF TRIG OR ENROLLMENT IN 141 OR 142
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
160, 165-166, 181-182. CREDITS EARNED IN MATH 181
CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
4531005 MTRF 1:10-2:00
MEETS: JAN 10-MAY 6

MATHEMATICS

(CONTINUED)

LFE SCI CALC&MDL II MATH 182 4 CREDITS

Prereq: 181
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151,
160, 165-166, 181-182. CREDITS EARNED IN MATH 182
CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
1338005 MTRF 9:00-9:50
MEETS: JAN 10-MAY 6

MATH FOR ELEM ED I MATH 195 3 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY,
ENROLLMENT IN ELEM ED OR EARLY CHILDHOOD EDUCATION
Note: COURSE RESTRICTED TO EL ED, ECE MAJORS. CREDITS
EARNED IN MATH 195 CANNOT BE APPLIED TOWARD
GRADUATION BY MATH MAJORS. STUDENTS IN THE LAS
COLLEGE MAY NOT APPLY MATH 195 TOWARD GROUP III
OF THE GENERAL ED REQUIREMENTS.
Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.

5144005 A MWF 9:30-10:50
MEETS: JAN 10-MAY 6
5144010 B MWF 11:00-12:20
MEETS: JAN 10-MAY 6
5144015 C MWF 2:10-3:30
MEETS: JAN 10-MAY 6

MATH FOR ELEM ED II MATH 196 3 CREDITS

Prereq: GRADE OF C- OR BETTER IN 195 AND
ENROLLMENT IN ELEMENTARY EDUCATION
Note: CREDITS EARNED IN MATH 196 CANNOT BE APPLIED
TOWARD GRADUATION BY MATH MAJORS
Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.

8125005 A MWF 9:30-10:50
MEETS: JAN 10-MAY 6
8125010 B MWF 11:00-12:20
MEETS: JAN 10-MAY 6

INTRO TO PROOFS MATH 201 3 CREDITS

Prereq: 166 OR 166H
6998005 A MWF 10:00-10:50
MEETS: JAN 10-MAY 6
6998010 B MWF 10:00-10:50
MEETS: JAN 10-MAY 6
6998015 C MWF 1:10-2:00
MEETS: JAN 10-MAY 6

CALCULUS III MATH 265 4 CREDITS

Prereq: GRADE OF C- OR BETTER IN 166 OR 166H
5151005 A MTRF 9:00-9:50
MEETS: JAN 10-MAY 6
5151010 B MTRF 9:00-9:50
MEETS: JAN 10-MAY 6
5151015 C MWF 10:00-10:50
T 9:00-9:50
MEETS: JAN 10-MAY 6
5151025 D MWF 10:00-10:50
T 10:00-10:50
MEETS: JAN 10-MAY 6
5151030 E MWF 10:00-10:50
T 10:00-10:50
MEETS: JAN 10-MAY 6
5151040 F MWF 10:00-10:50
R 9:00-9:50
MEETS: JAN 10-MAY 6
5151050 G MWF 10:00-10:50
R 10:00-10:50
MEETS: JAN 10-MAY 6
5151055 J MWF 10:00-10:50
R 10:00-10:50
MEETS: JAN 10-MAY 6
5151060 K MTRF 11:00-11:50
MEETS: JAN 10-MAY 6
5151065 L MTRF 11:00-11:50
MEETS: JAN 10-MAY 6
5151070 M MTRF 2:10-3:00
MEETS: JAN 10-MAY 6
5151075 N MTRF 2:10-3:00
MEETS: JAN 10-MAY 6
5151080 P MTRF 8:00-8:50
MEETS: JAN 10-MAY 6

HONORS CALCULUS III MATH 265H 4 CREDITS

Prereq: PERMISSION OF THE INSTRUCTOR AND 166 OR
166H
Note: HIGH MATH PLACEMENT SCORES RECOMMENDED BUT NOT
REQUIRED. PREFERENCE WILL BE GIVEN TO STUDENTS IN THE
UNIVERSITY HONORS PROGRAM.

2073005 MTRF 8:00-8:50
MEETS: JAN 10-MAY 6

ELEM DIFF EQUATNS MATH 266 3 CREDITS

Prereq: GRADE OF C- OR BETTER IN 166 OR 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION
5152005 A MWF 10:00-10:50
MEETS: JAN 10-MAY 6
5152010 B MWF 11:00-11:50
MEETS: JAN 10-MAY 6
5152015 C TR 11:00-12:20
MEETS: JAN 10-MAY 6
5152020 D TR 12:40-2:00
MEETS: JAN 10-MAY 6

MATHEMATICS

(CONTINUED)

MATHEMATICS

(CONTINUED)

DIFF EQ & TRANSFMS MATH 267 4 CREDITS
 Prereq: GRADE OF C- OR BETTER IN 166 OR 166H
 Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266, 268
 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION

5153005 A MTRF 9:00-9:50
 MEETS: JAN 10-MAY 6

5153010 B MTRF 9:00-9:50
 MEETS: JAN 10-MAY 6

5153015 C MTRF 10:00-10:50
 MEETS: JAN 10-MAY 6

5153020 D MTRF 10:00-10:50
 MEETS: JAN 10-MAY 6

5153025 E MTRF 11:00-11:50
 MEETS: JAN 10-MAY 6

5153030 F MTRF 12:10-1:00
 MEETS: JAN 10-MAY 6

5153035 G MTRF 12:10-1:00
 MEETS: JAN 10-MAY 6

5153040 J MTRF 1:10-2:00
 MEETS: JAN 10-MAY 6

5153055 K MTRF 2:10-3:00
 MEETS: JAN 10-MAY 6

5153060 L MTRF 2:10-3:00
 MEETS: JAN 10-MAY 6

5153065 M MTRF 8:00-8:50
 MEETS: JAN 10-MAY 6

5153070 N MTRF 4:10-5:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY MATH 290 1- 3 CREDITS
 Note: Department permission required.

5156005 ARRANGED
 MEETS: JAN 10-MAY 6

INDEP STUDY HONORS MATH 290H 1- 3 CREDITS
 Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS
 STUDENTS ONLY.
 Department permission required.

5157005 ARRANGED
 MEETS: JAN 10-MAY 6

ABSTRACT ALGEBRA I MATH 301 3 CREDITS
 Prereq: 166 OR 166H; 307 OR 317, AND 201
 Note: Available for nonmajor graduate credit

5158005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

5158010 B MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

ABSTRACT ALGEBRA II MATH 302 3 CREDITS
 Prereq: 301
 Note: Available for nonmajor graduate credit

5159005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

MATRCES&LINEAR ALGB MATH 307 3 CREDITS
 Prereq: 2 SEMESTERS OF CALCULUS
 Note: CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit

5161005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

5161010 B MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

5161015 C TR 11:00-12:20
 MEETS: JAN 10-MAY 6

5161020 D TR 2:10-3:30
 MEETS: JAN 10-MAY 6

GRAPHS AND NETWORKS MATH 314 3 CREDITS
 Prereq: 166 OR 166H; 201 OR EXPERIENCE WITH
 PROOFS
 Note: Available for nonmajor graduate credit

5163005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

THRY LINEAR ALGEBRA MATH 317 4 CREDITS
 Prereq: 166; CREDIT OR ENROLLMENT IN 201
 Note: CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit

7872005 A MTRF 9:00-9:50
 MEETS: JAN 10-MAY 6

7872010 B MTRF 9:00-9:50
 MEETS: JAN 10-MAY 6

INTR THY PROBAB&S I MATH 341 3 CREDITS
 Prereq: MATH 265 (OR 265H)
 Note: CREDIT FOR EITHER MATH/STAT 341 OR STAT 447,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

5166005 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

INTR THY PR&STAT II MATH 342 3 CREDITS
 Prereq: STAT 341; MATH 307 OR 317

5167005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

NUMBER THEORY MATH 350 3 CREDITS
 Prereq: 166
 Note: Available for nonmajor graduate credit

5177005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

COMPLEX VARIABLES MATH 365 3 CREDITS
 Prereq: 265
 Note: Available for nonmajor graduate credit

5168005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INTR PART DIFF EQUA MATH 385 3 CREDITS
 Prereq: 265 AND ONE OF 266, 267
 Note: Available for nonmajor graduate credit

5170005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

TEACH SECNDARY MATH MATH 397 3 CREDITS
 Prereq: 201, 301

7521005 MWF 11:00-12:20
 MEETS: JAN 10-MAY 6

ANALYSIS I MATH 414 3 CREDITS
 Prereq: 201, 265; AND 307 OR 317
 Note: Available for nonmajor graduate credit

5171005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

ANALYSIS II MATH 415 3 CREDITS
 Prereq: 414
 Note: Available for nonmajor graduate credit

5172005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

GEOMETRY II MATH 436 3 CREDITS
 Prereq: 435
 Note: Available for nonmajor graduate credit

5176005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY MATH 490 1- 3 CREDITS
 Prereq: 301 OR 317; 6 CREDITS IN MATH
 Note: NO MORE THAN 9 CREDITS OF MATH 490 MAY BE APPLIED
 TOWARD GRADUATION

5182005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

INDEP STUDY HONORS MATH 490H 1- 3 CREDITS
 Prereq: 301 OR 317; 6 CREDITS IN MATH, MEMBERSHIP
 IN UNIV HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF MATH 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 Department permission required.

5183005 ARRANGED
 MEETS: JAN 10-MAY 6

UNDERGRAD THESIS MATH 491 2- 3 CREDITS
 Note: Department permission required.

5184005 ARRANGED
 MEETS: JAN 10-MAY 6

UNDERGRAD SEMINAR MATH 492 2 CREDITS
 Prereq: CONSENT OF INSTRUCTOR

6698005 M 3:10-5:00
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN MATH 498 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION

4552005 ARRANGED
 MEETS: JAN 10-MAY 6

ABSTRACT ALGEBRA II MATH 505 3 CREDITS
 Prereq: 504

5187005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

FNCT SNGL CMLPX VAR MATH 511 3 CREDITS
 Prereq: 414 OR 465 OR 501

5192005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

REAL ANALYSIS II MATH 516 3 CREDITS
 Prereq: 515

8868005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

MATHEMATICS		(CONTINUED)	
FINITE DIFFRNC MTHD MATH 517	3 CREDITS		
Prereq: 481 OR 503			
6101005 TR 11:00-12:20			
MEETS: JAN 10-MAY 6			
MTH APPLIED MATH II MATH 520	3 CREDITS		
Prereq: 519			
2297005 MWF 2:10-3:00			
MEETS: JAN 10-MAY 6			
NUM ANALY HI-P COMP MATH 525	3 CREDITS		
Prereq: CPR E 308 OR MATH 471 OR 481; EXPERIENCE			
IN SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C			
1367005 TR 11:00-12:20			
MEETS: JAN 10-MAY 6			
CRYPTOGRAPHY MATH 533	3 CREDITS		
Prereq: MATH 301 OR CPR E 310 OR COM S 330			
Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY			
6191005 MWF 1:10-2:00			
MEETS: JAN 10-MAY 6			
STEGANOGRPH&WTRMARK MATH 535	3 CREDITS		
Prereq: 533 OR CPR E 531 OR E E 524			
7681005 TR 12:40-2:00			
MEETS: JAN 10-MAY 6			
NUMERICAL ANALYS II MATH 562	3 CREDITS		
Prereq: 414 OR 501			
7503005 TR 2:10-3:30			
MEETS: JAN 10-MAY 6			
RANDOM SIGNAL&KALMN MATH 573	3 CREDITS		
Prereq: E E 324 OR AER E 331 OR M E 370 OR 411			
OR MATH 341 OR 395			
8192005 MWF 10:00-10:50			
MEETS: JAN 10-MAY 6			
OPTIMAL CONTROL MATH 574	3 CREDITS		
Prereq: E E 577			
8193005 MWF 1:10-2:00			
MEETS: JAN 10-MAY 6			
INTRO ROBUST CNTRL MATH 575	3 CREDITS		
Prereq: E E 577			
3009005 TR 8:00-9:20			
MEETS: JAN 10-MAY 6			
DIGIT FEEDBCK CNTRL MATH 576	3 CREDITS		
Prereq: EE 475 OR AER E 432 OR M E 411 OE 414 OR			
MATH 415; AND MATH 267			
8194005 TR 2:10-3:30			
MEETS: JAN 10-MAY 6			
NONLINEAR SYSTEMS MATH 578	3 CREDITS		
Prereq: E E 577			
8195005 TR 9:30-10:50			
MEETS: JAN 10-MAY 6			
SPECIAL TOPICS MATH 590	VAR. CREDITS		
5229005 ARRANGED			
MEETS: JAN 10-MAY 6			
Note: Department permission required.			
GRAD ORIENT MATH II MATH 592X	.5 CREDIT		
Satisfactory-Fail Only.			
6389005 W 4:10-5:00			
MEETS: JAN 10-MAY 6			
CREATIVE COMPONENT MATH 599	VAR. CREDITS		
***** SEE DEPT FOR REFERENCE NUMBERS			
MATHEMATIC LOGIC II MATH 602	3 CREDITS		
Prereq: 601			
5223005 TR 9:30-10:50			
MEETS: JAN 10-MAY 6			
ENUM COM&ORDRD SETS MATH 606	3 CREDITS		
Prereq: 504 OR PERMISSION OF INSTRUCTOR			
8888005 MWF 1:10-2:00			
MEETS: JAN 10-MAY 6			
EXTREMAL GRAPH THRY MATH 608X	3 CREDITS		
Prereq: 607 OR PERMISSION OF INSTRUCTOR			
9095005 TR 12:40-2:00			
MEETS: JAN 10-MAY 6			
SEMINAR MATH 610	VAR. CREDITS		
5231010 MA ARRANGED			
MEETS: JAN 10-MAY 6			
REPRESENTATN THEORY MATH 618	3 CREDITS		
Prereq: 504			
5220005 MWF 3:10-4:00			
MEETS: JAN 10-MAY 6			

MATHEMATICS		(CONTINUED)	
ALGEBRAIC TOPOLOGY MATH 622	3 CREDITS		
Prereq: 504			
5210005 TR 11:00-12:20			
MEETS: JAN 10-MAY 6			
ADV STOCHAST PROCES MATH 645	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
5215005 TR 11:00-12:20			
MEETS: JAN 10-MAY 6			
MATHEMATCL MODELING MATH 646	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
1822005 MWF 11:00-11:50			
MEETS: JAN 10-MAY 6			
PARTIAL DIFF EQ II MATH 656	3 CREDITS		
Prereq: 655			
5228005 TR 12:40-2:00			
MEETS: JAN 10-MAY 6			
ADV TOPICS ALGEBRA MATH 690A	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5232005 ARRANGED			
MEETS: JAN 10-MAY 6			
ADV TOP FUNCT ANALY MATH 690B	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5233005 ARRANGED			
MEETS: JAN 10-MAY 6			
ADV TOP CNTRL THRY MATH 690C	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5234005 ARRANGED			
MEETS: JAN 10-MAY 6			
ADV TOP APPROX THRY MATH 690D	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5235005 ARRANGED			
MEETS: JAN 10-MAY 6			
ADV TOPC LINEAR ALG MATH 690E	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5236005 ARRANGED			
MEETS: JAN 10-MAY 6			
ADV TP HARMONC ANLY MATH 690H	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5238005 ARRANGED			
MEETS: JAN 10-MAY 6			
ADV TOP COMBINATORC MATH 690I	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
6699005 ARRANGED			
MEETS: JAN 10-MAY 6			
Note: Department permission required.			
ADV TOPIC MATH EDUC MATH 690K	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
6700005 ARRANGED			
MEETS: JAN 10-MAY 6			
ADV TOPIC LOGIC&FND MATH 690L	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5239005 ARRANGED			
MEETS: JAN 10-MAY 6			
ADV TOP COMPLX ANLY MATH 690M	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5240005 ARRANGED			
MEETS: JAN 10-MAY 6			
ADV TOPIC NUM ANALY MATH 690N	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
5241005 ARRANGED			
MEETS: JAN 10-MAY 6			
Note: Department permission required.			
ADV TOP PART DIF EQ MATH 690P	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
5243005 ARRANGED			
MEETS: JAN 10-MAY 6			
ADV TP GROUP THEORY MATH 690Q	3 CREDITS		
Prereq: PERMISSION OF INSTRUCTOR			
Note: Department permission required.			
6705005 ARRANGED			
MEETS: JAN 10-MAY 6			

MATHEMATICS (CONTINUED)

ADV TOP APPLIED MTH MATH 690R 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 6706005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOPC SET THEORY MATH 690S 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5244005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOPICS TOPOLOGY MATH 690T 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5245005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TP AUTOMATA THY MATH 690U 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 5246005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOP OPTIMZN THY MATH 690V 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5247005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

ADV TOP PROBAB&STCH MATH 690W 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9603005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

ADV TOP SPL FUNCTNS MATH 690Y 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 9604005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOP RING THEORY MATH 690Z 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6707005 ARRANGED
 MEETS: JAN 10-MAY 6

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

MECHANICAL ENGINEERING

ENG GRPHC&INTR DSGN M E 170X 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 142;
 SATISFACTORY SCORES ON MATHEMATICS PLACEMENT
 ASSESSMENTS

8346005 1 MW 8:00-9:50
 MEETS: JAN 10-MAY 6

8346010 2 MW 10:00-11:50
 MEETS: JAN 10-MAY 6

8346015 3 MW 12:10-2:00
 MEETS: JAN 10-MAY 6

8346020 4 MW 2:10-4:00
 MEETS: JAN 10-MAY 6

8346025 5 TR 10:00-11:50
 MEETS: JAN 10-MAY 6

8346030 6 TR 12:10-2:00
 MEETS: JAN 10-MAY 6

8346035 7 TR 2:10-4:00
 MEETS: JAN 10-MAY 6

LEARNING COMMUNITIE M E 190 1 CREDIT

7612005 1 TR 3:10-4:00
 MEETS: JAN 10-MAY 6

7612010 2 TR 3:10-4:00
 MEETS: JAN 10-MAY 6

7612015 3 TR 3:10-4:00
 MEETS: JAN 10-MAY 6

7612020 4 TR 3:10-4:00
 MEETS: JAN 10-MAY 6

7612025 5 TR 3:10-4:00
 MEETS: JAN 10-MAY 6

7612030 6 TR 3:10-4:00
 MEETS: JAN 10-MAY 6

7612035 7 TR 3:10-4:00
 MEETS: JAN 10-MAY 6

7612040 8 TR 3:10-4:00
 MEETS: JAN 10-MAY 6

7612045 9 TR 3:10-4:00
 MEETS: JAN 10-MAY 6

MECH ENGR PRO PLAN M E 202 R CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 4870005 A R 2:10-3:00
 MEETS: JAN 10-MAY 6

MECHANICAL ENGINEERING (CONTINUED)

GLOBLIZTN &SUSTAINB M E 220X 3 CREDITS
 Note: Meets international perspectives reqmt
 9058005 1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

9058010 2 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

9058015 3 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

ENGR THERMODYNAM I M E 231 3 CREDITS
 Prereq: MATH 265, CHEM 167, PHYS 222
 Note: COURSE RESTRICTED TO ENGR COLLEGE STUDENTS ONLY.
 CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT BOTH,
 MAY BE APPLIED TOWARD GRADUATION.

4877005 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

4877010 B MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

4877600 XE ARRANGED HAGGE M
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 1:10-2 PM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

INTR MCH ENG DESIGN M E 270 3 CREDITS
 Prereq: ENGR 170, PHYS 221
 Note: COURSE RESTRICTED TO M E MAJORS ONLY.

6270005 A T 2:10-3:00
 MWF 8:00-9:50
 MEETS: JAN 10-MAY 6

6270010 B T 2:10-3:00
 MWF 10:00-11:50
 MEETS: JAN 10-MAY 6

6270015 C T 3:10-4:00
 MWF 1:10-3:00
 MEETS: JAN 10-MAY 6

6270020 D T 3:10-4:00
 MWF 3:10-5:00
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN M E 298 R CREDIT
 Prereq: PERMISSION OF DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANUFACTURING ENGR M E 324 4 CREDITS
 Prereq: 270, MAT E 272, E M 324
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E
 AND A E MAJORS ONLY.
 Available for nonmajor graduate credit

6277005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

6277010 B MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

6277020 1 T 10:00-11:50
 MEETS: JAN 10-MAY 6

6277025 2 R 10:00-11:50
 MEETS: JAN 10-MAY 6

6277030 3 T 1:10-3:00
 MEETS: JAN 10-MAY 6

6277035 4 R 1:10-3:00
 MEETS: JAN 10-MAY 6

6277040 5 T 3:10-5:00
 MEETS: JAN 10-MAY 6

6277045 6 R 3:10-5:00
 MEETS: JAN 10-MAY 6

6277050 7 T 8:00-9:50
 MEETS: JAN 10-MAY 6

6277055 8 R 8:00-9:50
 MEETS: JAN 10-MAY 6

MACHINE DESIGN M E 325 3 CREDITS
 Prereq: ENGR 170, E M 324, STAT 305
 Note: COURSE RESTRICTED TO M E AND A E MAJORS ONLY
 Available for nonmajor graduate credit

6287005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

6287010 B MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

6287600 XE ARRANGED STARN S G
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 10-10:50 AM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

MECHANICAL ENGINEERING (CONTINUED)

ENGR THERMODYNMS II M E 332 3 CREDITS
 Prereq: 231
 Note: COURSE RESTRICTED TO M E MAJORS ONLY
 Available for nonmajor graduate credit
 4878005 A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 4878010 B MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

FLUID FLOW M E 335 4 CREDITS
 Prereq: E M 345, MATH 266 OR 267, CREDIT OR
 ENROLLMENT IN M E 332 AND 370
 Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO
 M E MAJORS ONLY.
 Available for nonmajor graduate credit

5703005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 5703020 1 M 10:00-11:50
 MEETS: JAN 10-MAY 6
 5703025 2 M 1:10-3:00
 MEETS: JAN 10-MAY 6
 5703030 3 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 5703035 4 T 8:00-9:50
 MEETS: JAN 10-MAY 6
 5703040 5 T 3:10-5:00
 MEETS: JAN 10-MAY 6
 5703045 6 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 5703050 7 W 1:10-3:00
 MEETS: JAN 10-MAY 6
 5703055 8 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 5703060 9 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 5703065 10 M 3:10-5:00
 MEETS: JAN 10-MAY 6
 5703070 11 R 3:10-5:00
 MEETS: JAN 10-MAY 6
 5703075 12 R 10:00-11:50
 MEETS: JAN 10-MAY 6

MEASURMNTS&INSTRUMTN M E 370 3 CREDITS
 Prereq: E E 442, STAT 305
 Note: RESTRICTED TO M E MAJORS ONLY.
 Available for nonmajor graduate credit

4881005 A MW 8:00-8:50
 R 9:00-11:50
 MEETS: JAN 10-MAY 6
 4881010 B MW 8:00-8:50
 R 12:10-3:00
 MEETS: JAN 10-MAY 6
 4881015 C MW 8:00-8:50
 R 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 4881020 D MW 8:00-8:50
 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 4881025 E MW 8:00-8:50
 T 9:00-11:50
 MEETS: JAN 10-MAY 6
 4881030 F MW 8:00-8:50
 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 4881035 G MW 8:00-8:50
 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 4881040 H MW 8:00-8:50
 M 12:10-3:00
 MEETS: JAN 10-MAY 6
 4881045 J MW 8:00-8:50
 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 4881050 K MW 8:00-8:50
 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 4881055 L MW 8:00-8:50
 M 3:10-6:00PM
 MEETS: JAN 10-MAY 6

ENGR INTERNSHIP M E 397 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 398 R CREDIT
 Prereq: 298, PERMISSN OF DEPTMNT AND ENGINEERING
 CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

M E APPL MECHATRONC M E 410 3 CREDITS
 Prereq: E E 442, 448, CREDIT OR ENROLLMENT IN 421
 Note: Available for nonmajor graduate credit
 5659005 A TR 10:00-10:50
 M 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 5659010 B TR 10:00-10:50
 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL SYST DSN M E 415 3 CREDITS
 Prereq: 324, 325
 Note: Available for nonmajor graduate credit
 4888005 A TR 9:30-12:20
 MEETS: JAN 10-MAY 6
 4888010 B TR 12:40-3:30
 MEETS: JAN 10-MAY 6
 4888015 C TR 3:40-6:30PM
 MEETS: JAN 10-MAY 6

ADV MACHINE DESIGN M E 417 3 CREDITS
 Prereq: 325, MAT E 272

Note: Available for nonmajor graduate credit
 7636005 A MW 3:10-4:30
 MEETS: JAN 10-MAY 6
 7636600 XE ARRANGED SHROTRIYA P
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 11-11:50 AM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produce>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

MECH CONSID ROBOTCS M E 418 3 CREDITS
 Prereq: CR OR ENROLLMENT IN 421

Note: Available for nonmajor graduate credit
 8109005 A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

MECH SYST & CONTROL M E 421 4 CREDITS
 Prereq: E M 345, MATH 267, E E 442, 448

Note: COURSE RESTRICTED TO M E MAJORS ONLY
 Available for nonmajor graduate credit

6310005 A TR 8:00-9:20
 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 6310010 B TR 8:00-9:20
 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 6310025 C TR 8:00-9:20
 M 10:00-11:50
 MEETS: JAN 10-MAY 6
 6310030 D TR 8:00-9:20
 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 6310035 E TR 8:00-9:20
 T 2:10-4:00
 MEETS: JAN 10-MAY 6
 6310040 F TR 8:00-9:20
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 6310045 G TR 8:00-9:20
 M 12:10-2:00
 MEETS: JAN 10-MAY 6
 6310050 H TR 8:00-9:20
 W 12:10-2:00
 MEETS: JAN 10-MAY 6
 6310055 J TR 8:00-9:20
 M 2:10-4:00
 MEETS: JAN 10-MAY 6
 6310060 K TR 8:00-9:20
 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 6310065 L TR 8:00-9:20
 F 10:00-11:50
 MEETS: JAN 10-MAY 6
 6310070 M TR 8:00-9:20
 F 12:10-2:00
 MEETS: JAN 10-MAY 6

OPTMZ MTHD CPLX DSN M E 425 3 CREDITS
 Prereq: ENGR 160, MATH 265

Note: Available for nonmajor graduate credit
 3549005 A MWF 3:10-4:00
 MEETS: JAN 10-MAY 6
 3549600 XE ARRANGED KALIVARAPU V
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 3:10-4 PM OR STUDENTS
 HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produce>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

HEAT TRANSFER M E 436 4 CREDITS
 Prereq: 335

Note: 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E,
 CON E, A E MAJORS.
 Available for nonmajor graduate credit
 5711005 A MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 5711015 1 T 1:10-3:00
 MEETS: JAN 10-MAY 6
 5711020 2 T 3:10-5:00
 MEETS: JAN 10-MAY 6
 5711025 3 W 10:00-11:50
 MEETS: JAN 10-MAY 6

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

HEAT TRANSFER M E 436 4 CREDITS
 5711030 4 R 1:10-3:00
 MEETS: JAN 10-MAY 6
 5711035 5 R 3:10-5:00
 MEETS: JAN 10-MAY 6
 5711040 6 W 1:10-3:00
 MEETS: JAN 10-MAY 6
 5711045 7 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 5711050 8 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 5711055 9 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 5711060 10 F 8:00-9:50
 MEETS: JAN 10-MAY 6
 5711065 11 F 10:00-11:50
 MEETS: JAN 10-MAY 6
 5711070 12 F 1:10-3:00
 MEETS: JAN 10-MAY 6

HEAT&AIR COND DSGN M E 442 3 CREDITS
 Prereq: 441
 Note: Available for nonmajor graduate credit
 4893005 1 MWF 2:10-4:00
 MEETS: JAN 10-MAY 6

ELEMS&PRFRM PWR PLT M E 444 3 CREDITS
 Prereq: 332, CREDIT OR ENROLLMENT IN 335
 Note: Available for nonmajor graduate credit
 4894005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

FLUID DYN TURBOMACH M E 448 3 CREDITS
 Prereq: M E 335 OR EQUIVALENT
 Note: COURSE RESTRICTED TO M E MAJORS ONLY.
 Available for nonmajor graduate credit
 4898005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

ENGINEERG ACOUSTICS M E 451 3 CREDITS
 Prereq: PHYS 221 AND MATH 266 OR 267
 Note: RESTRICTED TO ENGR COLLEGE MAJORS SOPHOMORE AND ABOVE. LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB IS HELD.
 Available for nonmajor graduate credit
 4901005 1 MWF 3:10-4:00
 W 1:10-3:00
 MEETS: JAN 10-MAY 6
 4901010 2 MWF 3:10-4:00
 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

MULTIDISC ENGR DSGN M E 466 3 CREDITS
 Prereq: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 1903005 A T 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

MODELING & SIMULATN M E 475 3 CREDITS
 Prereq: 421, CREDIT OR ENROLLMENT IN 436
 Note: Available for nonmajor graduate credit
 4903005 A MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

IND STU MEAS&INSTRM M E 490C 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU HEAT TRANSF M E 490D 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID POWER M E 490E 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN&SYS M E 490F 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU MATRLS &MFG M E 490G 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS M E 490H 1- 6 CREDITS
 Prereq: SR CLASSIFCATN, MEMBERSHIP IN HONORS PROG
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN M E 490J 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU FLUID MECH M E 490K 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU TURBOMACHIN M E 490L 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STU NUCL ENGR M E 490M 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY CAD/CAM M E 490N 1- 6 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 498 R CREDIT
 Prereq: 298, PERMISSION OF DEPRMTNT AND ENGINEERING CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV CONTROL DESIGN M E 511 3 CREDITS
 Prereq: 411
 8144005 A TR 3:10-4:30
 MEETS: JAN 10-MAY 6
 8144600 XE ARRANGED KELKAR A
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 3:10-4:30 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

ADV MACHINE DESIGN M E 517 3 CREDITS
 Prereq: 325, MAT E 272
 8809005 A MW 3:10-4:30
 MEETS: JAN 10-MAY 6
 8809600 XE ARRANGED SHROTRIYA P
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 11-11:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

BHV&MFG POLYM&CMPOS M E 521 3 CREDITS
 Prereq: 324 OR MAT E 272 AND E M 324
 4926005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 4926600 XE ARRANGED CHANDRA A
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 9:30-10:50 AM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

OPTMZ MTHD CPLX DSN M E 525 3 CREDITS
 Prereq: ENGR 160, MATH 265
 6935005 A MWF 3:10-4:00
 MEETS: JAN 10-MAY 6
 6935600 XE ARRANGED KALIVARAPU V
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 3:10-4 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

MECH MACHIN&FINISHG M E 527 3 CREDITS
 Prereq: 324
 8269005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 8269600 XE ARRANGED KIM G
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 12:40-2 PM OR STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-product>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

MECHANICAL ENGINEERING (CONTINUED)

MECHANICAL ENGINEERING (CONTINUED)

COMPRESBL FLUID FLO M E 532 3 CREDITS
 Prereq: M E 335 OR AER E 541
 6272005 A TR 8:00-9:20
 MEETS: JAN 10-MAY 6

THRMOCHM PROC BIOMS M E 535 3 CREDITS
 Prereq: UNDERGRAD COURSEWORK IN THERMODYNAMICS
 AND TRANSPORT PHENOMENA
 4863600 XE ARRANGED BROWN R
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 9:30-10:15 AM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

ADV HEAT TRANSFER M E 536 3 CREDITS
 Prereq: 436
 4933005 A MW 3:10-4:30
 MEETS: JAN 10-MAY 6
 4933600 XE ARRANGED KONG S
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MW 3:10-4:30 PM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

ADVANCED COMBUSTION M E 542 3 CREDITS
 Prereq: 332 OR CH E 381
 4937005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 4937600 XE ARRANGED MEYER T
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE TR 9:30-10:50 AM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: <http://www.ede.iastate.edu/online-spring-courses-2011/view-all-produc>
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

INTRN RANDM VIB&NONL M E 543 3 CREDITS
 Prereq: E M 444
 2807005 ARRANGED
 MEETS: JAN 10-MAY 6

FLU MECH&HEAT TR II M E 547 3 CREDITS
 Prereq: M E 546
 4940005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

RANDOM SIGNAL&KALMN M E 573 3 CREDITS
 Prereq: E E 324 OR AER E 331 OR M E 370 OR 411
 OR MATH 341 OR 395
 8196005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

OPTIMAL CONTROL M E 574 3 CREDITS
 Prereq: E E 577
 8197005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

INTRO ROBUST CNTRL M E 575 3 CREDITS
 Prereq: E E 577
 3080005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

DIGIT FEEDBCK CNTRL M E 576 3 CREDITS
 Prereq: E E 475 OR AER E 432 OR M E 411 OR 414 OR
 MATH 415; AND MATH 267
 8198005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

NONLINEAR SYSTEMS M E 578 3 CREDITS
 Prereq: E E 577
 8200005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

SPL TOP EXP GAS DYN M E 590A 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLUID MECH M E 590B 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HEAT TRANSF M E 590C 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC THERMODYN M E 590D 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TURBOMACHIN M E 590E 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP VEHIC PROPUL M E 590F 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV MACH DSN M E 590G 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AUTO CONTRL M E 590I 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIR &DSGN M E 590J 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MATLS BEHAV M E 590K 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MFG PROCESS M E 590L 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC TRIBOLOGY M E 590M 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SENSTV MTHD M E 590N 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR COMPUT M E 590O 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR MEASUR M E 590P 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LIT INVESTIG M E 590Q 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP NUCLEAR ENG M E 590R 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOP CAD/CAM M E 590S 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT M E 599 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR M E 600 R CREDIT
 4964005 A T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

MULTIPHASE FLOW M E 632 3 CREDITS
 Prereq: 538
 4967005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

ADV TOP EXP GAS DYN M E 690A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP FLUID MECH M E 690B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HEAT TRANSF M E 690C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC THERMODYN M E 690D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP TURBOMACHIN M E 690E VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP VEHI PROPUL M E 690F VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TP ADV MACH DSN M E 690G VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AUTO CONTRL M E 690I VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MATLS BEHAV M E 690K VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MFG PROCESS M E 690L VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING (CONTINUED)

ADV TOPIC TRIBOLOGY M E 690M VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SENSTV MTHD M E 690N VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR COMPUT M E 690O VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR MEASUR M E 690P VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTG M E 690Q VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M E 697 R CREDIT
 Prereq: PERMISSION OF DIRECTOR OF GRADUATE
 EDUCATION, GRAD CLASSIFICATION
 Satisfactory-Fail Only.
 8151005 ARRANGED
 MEETS: JAN 10-MAY 6

RESEARCH M E 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY (CONTINUED)

MESOSCA FORECAS LAB MTEOR 417 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 411
 Note: Available for nonmajor graduate credit
 5389005 TR 2:10-4:30 GALLUS W
 MW 3:10-3:30 GALLUS W
 MEETS: JAN 10-MAY 6

INSTRUMNT&MEASURMNT MTEOR 432 3 CREDITS
 Prereq: CR OR ENR IN STAT 105, MATH 266, PHYS 222
 Note: Available for nonmajor graduate credit
 5377005 MWF 2:10-3:00 BERESNEV I
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$120.00-\$170.00

DYNAMIC METEOROLG I MTEOR 443 3 CREDITS
 Prereq: 341
 Note: Available for nonmajor graduate credit
 5385005 MWF 1:10-2:00 CHEN T
 MEETS: JAN 10-MAY 6

HIST MODRN METEOROL MTEOR 471 1 CREDIT
 Prereq: 341,342,411,443,455
 7689005 R 1:10-2:00 CHEN T
 MEETS: JAN 10-MAY 6

IND STUDY SYNOPTIC MTEOR 490A 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8424005 ARRANGED
 MEETS: JAN 10-MAY 6

INDEP STUDY DYNAMIC MTEOR 490B 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8425005 ARRANGED
 MEETS: JAN 10-MAY 6

IND STUDY PHYSICAL MTEOR 490C 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8426005 ARRANGED
 MEETS: JAN 10-MAY 6

IND STU INSTRUMENTN MTEOR 490D 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 1010005 ARRANGED
 MEETS: JAN 10-MAY 6

IND STUDY HYDROLOGY MTEOR 490E 1- 3 CREDITS
 Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
 Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
 APPLIED TOWARD GRADUATION
 8668005 ARRANGED
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN MTEOR 498 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4824005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

GLOBAL CHANGE MTEOR 504 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOL SCIENCES
 OR ENGINEERING; JUNIOR, SENIOR OR GRADUATE STANDING
 8142005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 10-MAY 6

ENVIRONM BIOPHYSICS MTEOR 505 3 CREDITS
 Prereq: MATH 166 OR EQUIVALENT
 Note: Instructor permission required 1st week.
 5393005 TR 11:00-12:30 HORNBuckle B
 MEETS: JAN 10-MAY 6

HYDROLGC MDLNG ANLY MTEOR 516X 3 CREDITS
 Prereq: MATH 165 OR 181; PHYS 111 OR 221; AND
 GEOL 402 OR EQUIVALENT
 Note: Available for nonmajor graduate credit
 8609005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

MESOSCA FORECAS LAB MTEOR 517 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 411
 4577005 TR 2:10-4:30 GALLUS W
 MW 3:10-3:30 GALLUS W
 MEETS: JAN 10-MAY 6

HIST MODRN METEOROL MTEOR 571 1 CREDIT
 3770005 R 1:10-2:00
 MEETS: JAN 10-MAY 6

METEOROLOGY

WORLD WATER RESOURC MTEOR 160 3 CREDITS
 3242005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 Cmptr reqmt: <http://www.ede.iastate.edu/support/computer-requirements/hardware.htm>

INTRO METEOROLOGY MTEOR 206 3 CREDITS
 5375005 MWF 2:10-3:00 CERVATO C
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN MTEOR 298 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4813005 ARRANGED
 MEETS: JAN 10-MAY 6

GEN METEOROLOGY I MTEOR 301 4 CREDITS
 Prereq: MATH 166, CREDIT OR ENROLLMT IN PHYS 222
 Note: Available for nonmajor graduate credit
 5376005 1 MWF 9:00-9:50 FLORY D
 MEETS: JAN 10-MAY 6

METEOROL INTERNSHIP MTEOR 321 1- 2 CREDITS
 Prereq: 311; JR OR SR STANDING; PERMISSION OF
 COOP PROGM COORD; ACCEPTANCE BY SPONSORING AGENCY
 Satisfactory-Fail Only.
 5381005 ARRANGED
 MEETS: JAN 10-MAY 6

ENERGY &THE ENVIRON MTEOR 324 3 CREDITS
 Note: MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD
 CREDITS REQUIRED IN THE MTEOR OR GEOL MAJOR
 5614005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$0.00-\$50.00

ATMOSPH PHYSICS II MTEOR 342 3 CREDITS
 Prereq: 341
 Note: Available for nonmajor graduate credit
 5383005 MWF 10:00-10:50 WU X
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN MTEOR 398 R CREDIT
 Prereq: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4823005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

GLOBAL CHANGE MTEOR 404 3 CREDITS
 Prereq: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING; JUNIOR STANDING
 Note: Available for nonmajor graduate credit
 8141005 MWF 11:00-11:50 GUTOWSKI W
 MEETS: JAN 10-MAY 6
 Syllabus: <http://www.meteor.iastate.edu/classes/mt404>

ENVIRONM BIOPHYSICS MTEOR 405 3 CREDITS
 Prereq: MATH 166 OR EQUIVALENT
 Note: Available for nonmajor graduate credit
 6958005 TR 11:00-12:30 HORNBuckle B
 MEETS: JAN 10-MAY 6

HYDROLGC MDLNG ANLY MTEOR 416X 3 CREDITS
 Prereq: MATH 165 OR 181; PHYS 111 OR 221; AND
 GEOL 402 OR EQUIVALENT
 Note: Available for nonmajor graduate credit
 8600005 MW 11:00-11:50
 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

METEOROLOGY

(CONTINUED)

MICROBIOLOGY

(CONTINUED)

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8427005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8429005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8430005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8431005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 8432005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8433005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8434005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP STAT METHDS MTEOR 590H 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8435005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8437005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1230005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3901005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3904005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOPCS HYDROLOGY MTEOR 590M 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8669005 ARRANGED
 MEETS: JAN 10-MAY 6

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

MICROBIOLOGY

INTRO MICROBIOLOGY MICRO 201 2 CREDITS
 Prereq: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY
 5305005 TR 1:10-2:00
 MEETS: JAN 10-MAY 6

INTRO MICROBIOL LAB MICRO 201L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 201 OR 302
 Note: CREDIT FOR EITHER MICRO 201L OR MICRO 302L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 1433005 1 MW 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$145.00

1433010 2 MW 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$145.00

1433015 3 MW 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$145.00

1433020 4 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$145.00

1433025 5 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$145.00

1433030 6 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$145.00

BIOL MICROORGANISMS MICRO 302 3 CREDITS
 Prereq: BIOL 211, CREDIT OR ENROLLMT IN BIOL 212;
 ONE SEMESTER OF CHEMISTRY
 1426005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

1426600 XW ARRANGED BOURY N
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$216.00
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp_reqs.php

MICROBIOLOGY LAB MICRO 302L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 302
 Note: CREDIT FOR EITHER MICRO 302L OR MICRO 201L,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3024005 1 MW 1:10-2:30
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$145.00

3024010 2 MW 2:40-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$145.00

MICROB PHYSIOL&GENE MICRO 320 4 CREDITS
 Prereq: 302, BIOL 313, CR OR ENROLLMT IN CHEM 332
 3781005 1 MWRF 10:00-10:50
 MEETS: JAN 10-MAY 6

INTRO PARASITOLOGY MICRO 353 4 CREDITS
 Prereq: BIOL 212
 7682005 TR 9:30-10:50 OSTOJIC J
 T 3:10-6:00PM OSTOJIC J
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00

INSECTS &OUR HEALTH MICRO 374 3 CREDITS
 Prereq: 3 CREDITS IN BIOLOGICAL SCIENCES
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 2784005 A MWF 2:10-3:00 BARTHOLOMAY L
 MEETS: JAN 10-MAY 6

SAFTY FOOD FROM ANI MICRO 407 3 CREDITS
 Prereq: 420
 1881005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

PROCARYO DIVERS&ECO MICRO 430 3 CREDITS
 Prereq: 302,302L
 6309005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

UNDERGRAD SEMINAR MICRO 450 1 CREDIT
 Prereq: SP CM 212 AND SR STANDING IN MICROBIOLOGY
 5319005 R 11:00-11:50
 MEETS: JAN 10-MAY 6

5319010 2 W 2:10-3:00
 MEETS: JAN 10-MAY 6

IMMUNOLOGY MICRO 475 3 CREDITS
 Prereq: 310
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: MICRO 475, V MPM 520,
 MICRO/V MPM 575
 9677005 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

IMMUNOLOGY LAB MICRO 475L 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 475 OR 575
 6720005 1 TR 1:10-4:00
 MEETS: JAN 10-MARCH 4
 Note: Materials fee \$60.00

MICROBIAL ECOLOGY MICRO 487 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGY AND 6 CR IN CHEM
 Note: Available for nonmajor graduate credit
 3849005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY MICRO 490 1- 5 CREDITS
 Prereq: A MINIMUM OF 6 CR HOURS OF 300-LEVEL OR
 ABOVE COURSEWORK IN MICRO, PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MICRO 490H 1- 5 CREDITS
 Prereq: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE
 COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP IN
 UNIV HONORS PROGRAM
 Note: NO MORE THAN 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION. COURSE RESTRICTED TO UNIVERSITY TO
 HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MICROBIOLOGY (CONTINUED)

MILITARY SCIENCE (CONTINUED)

INTERNSHIP MICRO 495 1- 2 CREDITS
 Prereq: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE
 COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR
 Satisfactory-Fail Only.
 9679005 ARRANGED
 MEETS: JAN 10-MAY 6

SAFTY FOOD FROM ANI MICRO 507 3 CREDITS
 Prereq: 420
 2129005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

PROCARYOT DIVRS&ECO MICRO 530 3 CREDITS
 Prereq: 302, 302L
 6600005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

VIROLOGY MICRO 554 1 CREDIT
 Prereq: UNDERGRADUATE COURSES IN GENERAL MICRO
 AND GENETICS
 7118005 MWF 10:00-10:50
 MEETS: MARCH 21-APRIL 22

FUNGAL BIOLOGY MICRO 555 1 CREDIT
 Prereq: 302, BIOL 313
 7138005 MWF 10:00-10:50
 MEETS: JAN 10-FEB 11

MICRB ECO&ENV MONIT MICRO 556 1 CREDIT
 Prereq: 302, BIOL 313
 7159005 MWF 10:00-10:50
 MEETS: APRIL 4-MAY 6

PRO PRACTC RESEARCH MICRO 565A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 8135005 1 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 8135010 2 W 11:00-11:50
 MEETS: JAN 10-MAY 6

PRO PRAC INTEL PROP MICRO 565B .5 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 8136005 ARRANGED
 MEETS: JAN 10-MAY 6

IMMUNOLOGY MICRO 575 3 CREDITS
 Prereq: 310
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: MICRO 475, V MPM 520,
 MICRO/V MPM 575
 5335005 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

MICROBIAL ECOLOGY MICRO 587 3 CREDITS
 Prereq: 6 CREDITS IN BIOL AND 6 CREDITS IN CHEM
 6759005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

SEMINAR MICRO 604 1 CREDIT
 Satisfactory-Fail Only.
 6962005 A R 4:10-5:00
 MEETS: JAN 10-MAY 6

MECHNSM BACT PATHOG MICRO 625 4 CREDITS
 Prereq: CREDIT IN BIOCHEM AND MICROBIOL
 6954005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV FOOD MICROBIOLG MICRO 626 3 CREDITS
 Prereq: FS HN 420 OR 421 OR 504
 5341005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

CURR TOPIC MICROBIO MICRO 690A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRAD RESEARCH ROTAT MICRO 697 VAR. CREDITS
 7161005 ARRANGED
 MEETS: JAN 10-MAY 6

SEM N MOLEC,C,DV BIO MICRO 698 1- 2 CREDITS
 5350005 M 3:10-5:00
 MEETS: JAN 10-MAY 6

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

MILITARY SCIENCE

STRUC&FUNC U.S.ARMY M S 102 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 102L REQ'D
 Note: NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION. CONCURRENT
 ENROLLMENT IN M S 102L REQUIRED.
 4995005 1 M 12:10-1:00 BOWER D
 MEETS: JAN 10-MAY 6
 4995010 2 W 10:00-10:50 BOWER D
 MEETS: JAN 10-MAY 6
 4995015 3 W 2:10-3:00 BOWER D
 MEETS: JAN 10-MAY 6

BASIC LDRSHP LAB II M S 102L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 102 REQUIRED
 Note: NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION. CONCURRENT
 ENROLLMENT IN M S 102 REQUIRED.
 2983005 1 W 4:10-5:30, ARRANGED BOWER D
 MEETS: JAN 10-MAY 6

ARMY PHY READINESS M S 150 1 CREDIT
 Note: NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION
 8414005 1 MTF 6:00-7:20 COOK C
 MEETS: JAN 10-MAY 6 BOWER D

MAP READ&LAND NAVIG M S 202 2 CREDITS
 Prereq: CONCURRENT ENROLLMNT IN M S 202L REQUIRED
 Note: NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION. CONCURRENT
 ENROLLMENT IN M S 202L REQUIRED.
 4999005 1 MW 9:00-9:50 SCOTT L
 MEETS: JAN 10-MAY 6 BOWER D
 4999010 2 MW 1:10-2:00 SCOTT L
 MEETS: JAN 10-MAY 6 BOWER D

BAS LEADRSH LAB IV M S 202L 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN M S 202 REQUIRED
 Note: NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION. CONCURRENT
 ENROLLMENT IN M S 202 REQUIRED.
 3198005 1 W 4:10-5:30, ARRANGED SCOTT L
 MEETS: JAN 10-MAY 6

ADV PHY READINSS II M S 251X 2 CREDITS
 Prereq: 150, 250X
 Note: NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION
 9029005 1 MTRF 6:00-7:20 BOWER D
 MEETS: JAN 10-MAY 6 SCOTT L
 Note: Department permission required.

IND STDY: BASIC MILI M S 290 1- 3 CREDITS
 Prereq: PERMISSION OF THE M S DEPT CHAIR
 Note: NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION. COURSE
 OFFERED FOR 1-3 CREDITS SPRING 2010.
 8153005 1 ARRANGED COOK C
 MEETS: JAN 10-MAY 6 SCOTT L
 Note: Instructor permission required.

APPLIED LEADERSHIP M S 302 3 CREDITS
 Prereq: COMPLETION OF THE BASIC MILITARY SCIENCE
 PROGRAM, CONCURRENT ENROLLMENT IN M S 302L AND
 PERMISSION OF THE CHAIR OF THE MILITARY SCIENCE DEPT
 5002005 1 TR 9:30-10:50 BECKMAN F
 MEETS: JAN 10-MAY 6 SCOTT L
 Note: Department permission required.
 5002010 2 TR 11:00-12:20 BECKMAN F
 MEETS: JAN 10-MAY 6 SCOTT L
 Note: Department permission required.

ADV LEADRSH LAB II M S 302L 1 CREDIT
 Prereq: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 302 AND PERMISSION OF
 THE DEPARTMENT CHAIR OF MILITARY SCIENCE
 5005005 1 W 4:10-5:30, ARRANGED BECKMAN F
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

PRACTICM: ADV SKILLS M S 310 1 CREDIT
 Prereq: PERMISSION OF THE M S DEPARTMENT CHAIR
 Satisfactory-Fail Only.
 5006005 1 ARRANGED GIROUX A
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

SEMINR: PRO OFFICER M S 402 3 CREDITS
 Prereq: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 402L AND PERMISSION OF
 THE MILITARY SCIENCE DEPARTMENT CHAIR
 5009005 1 TR 12:40-2:00 SOUPENE J
 MEETS: JAN 10-MAY 6
 Note: Department permission required.
 5009010 2 TR 2:10-3:30 SOUPENE J
 MEETS: JAN 10-MAY 6
 Note: Department permission required.
 5009015 3 ARRANGED SOUPENE J
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

ADV LEADRSH LAB IV M S 402L 1 CREDIT
 Prereq: COMPLETION OF THE BASIC PROGRAM,
 CONCURRENT ENROLLMENT IN M S 402 AND PERMISSION OF
 THE MILITARY SCIENCE DEPARTMENT CHAIR
 5010005 1 W 4:10-5:30, ARRANGED SOUPENE J
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

MILITARY SCIENCE (CONTINUED)

PRACTCM:SKILL LEADR M S 410 1 CREDIT
 Prereq: PERMISSION OF THE M S DEPARTMENT CHAIR
 Satisfactory-Fail Only.
 5011005 1 ARRANGED SOUPENE J
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

IND STDY:ADV MIL ST M S 490 1 CREDIT
 Prereq: M S 301, 302, 401, 402, PERMISSION
 OF THE MILITARY SCIENCE DEPARTMENT CHAIR
 9598005 1 ARRANGED SOUPENE J
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

MOLECULAR CELLULAR DEV BIOLOGY

MOLECULAR GENETICS MCDB 511 3 CREDITS
 Prereq: BIOL 313 AND BBMB 405
 5303005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

PLANT GROWTH&DEVELP MCDB 512 2 CREDITS
 Prereq: BIOL 330 OR A COURSE IN DEVELOPMENTAL
 BIOLOGY; GDCB 545 OR BBMB 404, 405 OR GDCB 320
 5251005 MW 10:00-10:50
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS MCDB 590 VAR. CREDITS
 5260005 ARRANGED
 MEETS: JAN 10-MAY 6

GRAD RESRCH ROTATN MCDB 697 1- 6 CREDITS
 Satisfactory-Fail Only.
 7278005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMN MOLEC,C,DV BIO MCDB 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2011
 5275005 M 3:10-5:00
 MEETS: JAN 10-MAY 6

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

MUSIC

FUNDAMNTLS OF MUSIC MUSIC 101 2 CREDITS
 Prereq: ABILITY TO READ ELEM MUSICAL NOTATION
 7180005 A MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 7180010 B MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

INTRO MUSIC LISTENI MUSIC 102 3 CREDITS
 Note: Meets international perspectives reqmt
 5406005 A MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 5406010 B MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 5406015 C ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 5406600 XW ARRANGED TAM T
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

BASIC MUSICIANSHIP MUSIC 105 3 CREDITS
 Prereq: PERFORMING ARTS MAJOR CLASSIFICATION
 2975005 TR 2:10-3:00
 W 3:10-4:00
 MEETS: JAN 10-MAY 6
 2975010 2 TR 2:10-3:00
 W 3:10-4:00
 MEETS: JAN 10-MAY 6

WIND ENSEMBLE MUSIC 111 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5408005 MWRF 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$10.00-\$60.00

CONCERT BAND MUSIC 112 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS WHO PERFORMED ON A
 WIND OR PERCUSSION INSTRUMENT IN HS BAND OR ORCHESTRA
 5409005 TR 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$10.00-\$60.00

JAZZ ENSEMBLE MUSIC 113 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 Note: STUDENT MUST ENROLL IN ASSIGNED SECTION
 5410005 A TR 2:10-3:40
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$10.00-\$35.00
 5410010 B MW 4:10-5:30
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$10.00-\$35.00

MUSIC (CONTINUED)

PEP BAND MUSIC 114B 1 CREDIT
 Prereq: STUDENTS SELECTED BY AUDITION FROM
 CURRENT MEMBERS OF 114A
 4603005 T 6:10-7:00PM
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$25.00-\$125.00

SYMPHONIC BAND MUSIC 115 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 9610005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$10.00-\$60.00

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 118C 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 118D 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 118E 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 118F 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 118G 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 118I 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 118K 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 119D 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 119I 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 119K 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTR MUSIC LIT&STYL MUSIC 120 3 CREDITS
 Prereq: 221
 Note: CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 5430005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

CLASS STUDY PIANO I MUSIC 127 1 CREDIT
 Prereq: 101 OR AUDITION, & PERMISSON OF INSTR
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 5432005 A MW 12:10-1:00
 MEETS: JAN 10-MAY 6

MUSIC

(CONTINUED)

CLASS STDY PIANO II MUSIC 128 1 CREDIT
 Prereq: 127 OR AUDITION, & PERMISSN OF INSTR
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 Instructor permission required 1st week.
 5433005 A MW 10:00-10:50
 MEETS: JAN 10-MAY 6
 5433010 B TR 11:00-11:50
 MEETS: JAN 10-MAY 6

LYRICA WOMENS CHOIR MUSIC 141 1 CREDIT
 Prereq: OPEN TO ALL FEMALE STUDENTS BY AUDITION
 5437005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Equipment use and field trips & travel
 fee \$10.00-\$60.00

CANTAMUS WMNS CHOIR MUSIC 151A 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4461005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$10.00-\$30.00

STATESMEN MNS CHOIR MUSIC 151B 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 4471005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$10.00-\$30.00

IOWA STATE SINGERS MUSIC 161 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5441005 MTWRF 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$10.00-\$30.00

SYMPHONY ORCHESTRA MUSIC 181 1 CREDIT
 Prereq: OPEN TO ALL STUDENTS BY AUDITION
 5443005 TR 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$10.00-\$30.00

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 219C 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY

 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 219D 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY

 SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY

 SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 219K 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY

 SEE DEPT FOR REFERENCE NUMBERS

CLASS STU PIANO III MUSIC 227 1 CREDIT
 Prereq: 128 OR AUDITION & PERMISSION OF INSTR
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 Instructor permission required 1st week.
 5455005 A TR 9:00-9:50
 MEETS: JAN 10-MAY 6

CLASS STDY PIANO IV MUSIC 228 1 CREDIT
 Prereq: 227 OR AUDITION & PERMISSION OF INSTR
 Note: COURSE RESTRICTED TO MU BA, MU BM MAJORS ONLY.
 OTHER QUALIFIED STUDENTS MUST SEEK PERMISSION OF
 THE INSTRUCTOR.
 Instructor permission required 1st week.
 5456005 A TR 10:00-10:50
 MEETS: JAN 10-MAY 6
 5456010 B MW 11:00-11:50
 MEETS: JAN 10-MAY 6

MUSIC

(CONTINUED)

MATERLS OF MUSIC I MUSIC 231 3 CREDITS
 Prereq: 221
 4382005 A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 4382010 B MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

AURAL THEORY I MUSIC 232 1 CREDIT
 Prereq: 222
 4395005 A TR 10:00-10:50
 MEETS: JAN 10-MAY 6

INTRO MUSIC TECHNOL MUSIC 246 2 CREDITS
 Prereq: 101, 105, OR 221, OR INSTRUCTOR PERMISSN
 5578005 MW 1:10-2:00
 MEETS: JAN 10-MAY 6

MU INSTRCT TECHNOL MUSIC 248 2 CREDITS
 Prereq: 221 AND 222
 Note: COURSE RESTRICTED TO MU BM, MU BA MAJORS ONLY
 4158005 A TR 10:00-10:50
 MEETS: JAN 10-MAY 6

MUSIC IN ELEM EDUC MUSIC 265 3 CREDITS
 Prereq: HD FS 226 OR PSYCH 230
 7209005 A W 5:10-8:00PM
 MEETS: JAN 10-MAY 6

SPCL PROB EDUCATION MUSIC 290A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPL PROB APPL MUSIC MUSIC 290F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 290H VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 Instructor permission required 1st week.

 SEE DEPT FOR REFERENCE NUMBERS

OPERA/OPRTTA STUDIO MUSIC 301A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 8656005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

HIST MUS WSTN CULTR MUSIC 302 3 CREDITS
 Prereq: MUSIC 102. NOT OPEN TO MUSIC MAJORS.
 Note: CREDIT IN EITHER MUSIC 120 OR MUSIC 302, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 5407005 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

HIST OF ROCK'N'ROLL MUSIC 304 3 CREDITS
 Prereq: 101, 102, 221, OR 222
 8118005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

APPLIED MUSIC VOICE MUSIC 318A 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 318B 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 318C 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR

 SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

APPLD MUSIC STRINGS MUSIC 318D 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 318E 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 318F 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 318G 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 318I 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 318K 1- 2 CREDITS
 Prereq: AUDITION, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 319C 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 319D 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 319K 1- 3 CREDITS
 Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE MUSIC 321A 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE ORGAN MUSIC 321C 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL STRINGS MUSIC 321D 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL WOODWINDS MUSIC 321F 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSM PERCUSSION MUSIC 321I 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

ADV ENSEMBLE MIXED MUSIC 321J 1 CREDIT
 Prereq: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRN & GER DICT-SING MUSIC 325 2 CREDITS
 Prereq: CR OR ENROLLMENT IN 118A OR 119A
 5496005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

FUNC PIANO FOR VOCL MUSIC 327B 2 CREDITS
 Prereq: 228 OR AUDITION AND PERMISSION OF INSTR
 2636005 TR 3:10-4:00, ARRANGED
 MEETS: JAN 10-MAY 6

MUSIC MATERIALS III MUSIC 337 3 CREDITS
 Prereq: 331
 4414005 A MWF 8:00-8:50
 MEETS: JAN 10-MAY 6
 4414010 B MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

AURAL THEORY III MUSIC 338 1 CREDIT
 Prereq: 332
 4415005 A TR 8:00-8:50
 MEETS: JAN 10-MAY 6

MIDI&DIG AUDIO TCNQ MUSIC 346 3 CREDITS
 Prereq: 246 OR PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 8436005 M 3:10-4:00
 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$35.00

WDWIND:FLT,SAX,CLAR MUSIC 351 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN 358B. LIMITED TO
 MUSIC MAJORS.
 5500005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

BRSS:TROM,BARI,TUBA MUSIC 354 1 CREDIT
 Prereq: 353 OR PERMISSION OF INSTRUCTOR.
 CONCURRENT ENROLLMENT IN 358B. LIMITED TO MUSIC
 MAJORS.
 5503005 TR 11:00-11:50
 MEETS: JAN 10-MAY 6

PERCUSSION TECH MUSIC 355 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN 358B. LIMITED TO
 MUSIC MAJORS.
 5504005 TR 11:00-11:50
 MEETS: JAN 10-MAY 6

LAB ENSEMBLE CHORAL MUSIC 358A R CREDIT
 7331005 W 4:10-5:50
 MEETS: JAN 10-MAY 6

LAB ENSMBLE INSTRUM MUSIC 358B R CREDIT
 Satisfactory-Fail Only.
 7330005 T 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Equipment use fee \$0.00-\$25.00

VOCAL PEDAGOGY MUSIC 360 2 CREDITS
 Prereq: 319A OR VOCAL PROFICIENCY EXAM
 5506005 MW 1:10-2:00
 MEETS: JAN 10-MAY 6

CONDUCTNG II CHORAL MUSIC 362A 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN 358A AND 141,
 151, OR 161
 1236005 TR 4:10-5:00
 MEETS: JAN 10-MAY 6

CONDUCTG II INSTRUM MUSIC 362B 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN 358B
 1240005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

MCH BND&JZ ENS TECH MUSIC 368 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 362B RECOMMENDED
 4598005 TR 9:00-9:50
 MEETS: JAN 10-MAY 6

HISTORY OF MUSIC II MUSIC 384 3 CREDITS
 Prereq: 383
 Note: Meets international perspectives reqmt
 5512005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

LIT &PEDAGOGY VOICE MUSIC 415A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

LIT & PEDAGOGY PIANO MUSIC 415B 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY ORGAN MUSIC 415C 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG STRINGS MUSIC 415D 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG WOODWIND MUSIC 415F 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY BRASS MUSIC 415G 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG PERCUSSN MUSIC 415I 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG JAZZ PERF MUSIC 415J 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDENT TCH SEC MUS MUSIC 417K VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 8 CREDITS.
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 4710005 1 ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$328.00
 4710010 2 ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$328.00

STUDNT TCH ELEM MUS MUSIC 417L VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUC; APPROVAL OF
 COORDINATOR DURING SEMESTER BEFORE STUDENT TEACHING
 Note: COURSE OFFERED FOR 8 CREDITS.
 RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 4711005 1 ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$328.00
 4711010 2 ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$328.00

APPLIED MUSIC VOICE MUSIC 419A 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 419B 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 419C 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 419D 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 419E 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 419F 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 419I 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 419K 1- 3 CREDITS
 Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

JR/SENIOR RECITAL MUSIC 420 R CREDIT
 Prereq: ADVANCED PERFORMING ABILITY, PERMISSION
 OF INSTRUCTOR, CONCURRENT REGISTRATION IN 319 OR 419
 Satisfactory-Fail Only.
 5584005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: COURSES FOR JUNIOR OR SENIOR RECITALS ONLY

MUSIC

(CONTINUED)

SEMINR MUSIC THEORY MUSIC 440 3 CREDITS
 Prereq: 337, 338
 Note: Available for nonmajor graduate credit
 5523005 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

INSTM ADM,MTLS,MTHD MUSIC 464 2 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 362B RECOMMENDED
 5525005 TR 9:00-9:50
 MEETS: JAN 10-MAY 6

FLD EXP TEACH MUSIC MUSIC 480K .5- 2 CREDITS
 Note: COURSE OFFERED FOR 1-2 CREDITS SPRING 2011
 7691005 ARRANGED
 MEETS: JAN 10-MAY 6

INDEP STUDY EDUCATN MUSIC 490A VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY THEORY MUSIC 490B VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU COMPOSITION MUSIC 490C VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY MUSIC 490D VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LITERATURE MUSIC 490E VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY APPL MUSIC MUSIC 490F VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY CONDUCTG MUSIC 490G VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS MUSIC 490H VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRNC M MUSIC 490I VAR. CREDITS
 Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS THEORY MUSIC 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS COMPOSIT MUSIC 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS LIT MUSIC 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC MUSIC 590F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF
 DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

(CONTINUED)

SPL TOP ELECTRNC MU MUSIC 590I VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

NREM LRN CMM SEMINR NREM 111 1 CREDIT
 Prereq: MEMBER OF THE NREM TRANSITIONS LEARNING COMMUNITY

Satisfactory-Fail Only.
 8032005 1 T 12:10-1:00
 MEETS: JAN 10-MAY 6
 8032010 2 R 12:10-1:00
 MEETS: JAN 10-MAY 6

DEV LEARNRS&LEADERS NREM 114 2 CREDITS
 8116005 1 W 9:00-10:50
 MEETS: JAN 10-MAY 6
 8116010 2 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

INTR RENEW RESOURCS NREM 120 3 CREDITS
 1297005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

1297600 XW ARRANGED HALL R
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

NAT RESOURCES &AGRI NREM 130 3 CREDITS
 1055005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

NAT RESOURC CAREERS NREM 211 1 CREDIT
 Prereq: SOPHOMORE CLASSIFICATION
 Satisfactory-Fail Only.
 4467005 R 2:10-3:00
 MEETS: JAN 10-MAY 6

INTERNSHIP NREM 303 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, SOPH STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR NREM 305 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2011.
 1058005 1 ARRANGED
 MEETS: JAN 10-MAY 6

INTERPR NAT RESOURC NREM 330 3 CREDITS
 Prereq: 6 CREDITS IN BIOLOGICAL SCIENCES
 1070005 TR 2:10-3:00
 R 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or travel fee \$25.00

NAT RESOURCE POLICY NREM 385 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 8335005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

WATERSHED MANAGMNT NREM 407 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 3727005 1 TR 9:30-10:50
 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$40.00

GIS&GPS NAT RESOURC NREM 446 3 CREDITS
 Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE WITH ARCGIS

3032005 1 TR 8:00-8:50
 T 12:10-3:00
 MEETS: JAN 10-MAY 6

Note: Field trips & travel fee \$52.00
 3032010 2 TR 8:00-8:50
 R 12:10-3:00
 MEETS: JAN 10-MAY 6

Note: Field trips & travel fee \$52.00
 3032015 3 TR 8:00-8:50
 W 10:00-1:00
 MEETS: JAN 10-MAY 6

Note: Field trips & travel fee \$52.00
 3032020 4 TR 8:00-8:50
 M 10:00-1:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$52.00

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

CONTRV NAT RSRC MGT NREM 460 3 CREDITS
 Prereq: 120, AND A ECL 312 OR NREM 301, AND JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 7598005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

IND STDY ANIMAL ECO NREM 490A 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS NREM 490H 1- 4 CREDITS
 Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

DOMESTIC TRAVEL NREM 496B 1- 5 CREDITS
 2597005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Field trips & travel fee \$0.00-\$20.00

COOPERATIVE EDUC NREM 498 1- 3 CREDITS
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Permission of department chair required.
 Satisfactory-Fail Only.
 7593005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMINAR NREM 505 1 CREDIT
 Prereq: INSTR PERMISSION OR GRAD CLASSIFICATION
 1083005 1 ARRANGED
 MEETS: JAN 10-MAY 6

WATERSHED MANAGMNT NREM 507 4 CREDITS
 Prereq: A COURSE IN GENERAL BIOLOGY
 3857005 1 TR 9:30-10:50
 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$40.00

PBLSH BIOL SCI JRNL NREM 529 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR; EVIDENCE OF A PUBLISHABLE UNIT OF THE STUDENT'S RESEARCH DATA
 3398005 TR 3:10-4:00
 MEETS: JAN 10-MAY 6

INTRO DNA TECHNIQS NREM 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3744005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 11-FEB 10

INTR PROTEIN TECHNQ NREM 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3806005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 15-MARCH 24

INTRO CELL TECHNIQS NREM 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3777005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ NREM 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 3796005 ARRANGED
 MEETS: JAN 10-MAY 6

INTR METABLMCS TCNQ NREM 542F 1 CREDIT
 Satisfactory-Fail Only.
 6690005 1 M 1:10-2:00
 M 2:10-4:00
 MEETS: FEB 7-APRIL 18

INTRO GENOMIC TECNQ NREM 542G 1 CREDIT
 Satisfactory-Fail Only.
 7805005 MW 1:10-2:00
 MW 2:10-4:00
 MEETS: MARCH 2-30

INTEGRATING GIS&GPS NREM 546 3 CREDITS
 Prereq: 12 CREDITS IN STUDENT'S MAJOR AT 300 LEVEL OR ABOVE, NREM 345 OR EQUIVALENT EXPERIENCE IN ARCGIS

3821005 1 TR 8:00-8:50
 T 12:10-3:00
 MEETS: JAN 10-MAY 6

Note: Field trips & travel fee \$52.00
 3821010 2 TR 8:00-8:50
 R 12:10-3:00
 MEETS: JAN 10-MAY 6

Note: Field trips & travel fee \$52.00
 3821015 3 TR 8:00-8:50
 W 10:00-1:00
 MEETS: JAN 10-MAY 6

NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED)

INTEGRATING GIS&GPS NREM 546 3 CREDITS
 Note: Field trips & travel fee \$52.00
 3821020 4 TR 8:00-8:50
 M 10:00-1:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$52.00

NAT RESOURCE POLICY NREM 585 3 CREDITS
 Prereq: JUNIOR STANDING
 8336005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

SPL TOPCS ANIML ECO NREM 590A 1- 4 CREDITS
 ***** Prereq: PERMISSION OF INSTRUCTOR
 SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY NREM 590B 1- 4 CREDITS
 ***** Prereq: PERMISSION OF INSTRUCTOR
 SEE DEPT FOR REFERENCE NUMBERS

INTERNATIONL TRAVEL NREM 596A 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2605005 ARRANGED
 MEETS: JAN 10-MAY 6

DOMESTIC TRAVEL NREM 596B 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 2606005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Field trips & travel fee \$0.00-\$20.00

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

SEMINAR NREM 600 1 CREDIT
 3827005 ARRANGED
 MEETS: JAN 10-MAY 6

RESEARCH NREM 699 1-12 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

NAVAL SCIENCE

SEAPOWR&MARITME AFF N S 212 3 CREDITS
 7303005 A TR 8:00-9:20
 T 3:40-5:30
 R 4:10-5:00
 MEETS: JAN 10-MAY 6

NAVIGATION N S 230 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 5708005 A TR 9:30-10:50
 T 3:40-5:30
 R 4:10-5:00
 MEETS: JAN 10-MAY 6

NAVAL SHIP SYSTM II N S 330 3 CREDITS
 Prereq: PHYS 221, SOPHOMORE CLASSIFICATION.
 REQUESTS TO WAIVE THIS PREREQUISITE MUST BE APPROVED
 BY NAVAL SCIENCE DEPARTMENT.
 5707010 B MWF 9:00-9:50
 T 3:40-5:30
 R 4:10-5:00
 MEETS: JAN 10-MAY 6

LEADERSHIP & ETHICS N S 412 3 CREDITS
 Prereq: FOR NROTC STUDENTS ONLY - N S 111,
 N S 212 OR HIST 389, N S 220, N S 230, N S 320,
 N S 330 AND N S 410. REQUESTS TO WAIVE THIS PREREQ
 MUST BE APPROVED BY NAVAL SCIENCE DEPARTMENT.
 Note: COURSE RESTRICTED TO SENIOR MIDSHIPMEN
 5560010 B MWF 10:00-10:50
 T 3:40-5:30
 R 4:10-5:00
 MEETS: JAN 10-MAY 6

SENIOR N S SEMINAR N S 440 1 CREDIT
 Prereq: SENIOR CLASSIFICATION. REQUESTS TO WAIVE
 THIS PREREQUISITE MUST BE APPROVED BY N S DEPARTMENT.
 Satisfactory-Fail Only.
 4061005 T 3:40-5:30
 R 4:10-5:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY N S 490 1- 3 CREDITS
 Prereq: SENIOR CLASSIFICATION AND PRIOR APPROVAL
 OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED
 TOWARD GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

NEUROSCI JOURNL CLB NEURO 690 1 CREDIT
 Prereq: 556
 8554005 ARRANGED
 MEETS: JAN 10-MAY 6

NEUROSCIENCE SEMINR NEURO 696 1 CREDIT
 Prereq: 556
 8555005 ARRANGED
 MEETS: JAN 10-MAY 6

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

NUCLEAR ENGINEERING

PRBLSTC RISK ASSESS NUC E 441X 3 CREDITS
 Prereq: STAT 305
 Note: Available for nonmajor graduate credit
 9437600 XE ARRANGED HEISING C
 MEETS: JAN 10-MAY 6
 Note: Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: http://www.ede.iastate.edu
 /online-spring-courses-2011/view-all-produc
 Cmptr reqmt: http://www.ede.iastate.edu/support
 /computer-requirements/hardware.htm

NUTRITIONAL SCIENCES

NUTRITN:VITAMNS&MIN NUTRS 502 3 CREDITS
 Prereq: BBMB 404 OR BBMB 420, AND CREDIT OR
 ENROLLMENT IN BBMB 405
 Note: CREDIT FOR EITHER DIET 556 OR NUTRS 502, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 8368005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

BIOL ADIPOSE TISSUE NUTRS 503 2 CREDITS
 Prereq: UNDERGRADUATES: CONSENT OF INSTRUCTOR;
 GRADUATES: NUTRS 501
 8780005 ARRANGED
 MEETS: JAN 10-MAY 6

NTR&EPGNTC GENE EXP NUTRS 504X 1 CREDIT
 Prereq: GRADUATE STANDING; UNDERGRAD, CONSENT OF
 INSTRUCTOR
 4365005 R 11:00-11:50
 MEETS: JAN 10-MAY 6

DIGESTV PHYSL RUMIN NUTRS 520 3 CREDITS
 Prereq: 501 OR AN S 419
 3597005 TR 3:10-4:00
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$0.00-\$100.00

INTRO DNA TECHNIQS NUTRS 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8628005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 11-FEB 10

INTR PROTEIN TECHNQ NUTRS 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8644005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 15-MARCH 24

INTRO CELL TECHNIQS NUTRS 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8633005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ NUTRS 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 8642005 WF 12:30-4:00
 MEETS: FEB 2-APRIL 27

INTR METABLMCS TCNQ NUTRS 542F 1 CREDIT
 Satisfactory-Fail Only.
 6702005 1 M 1:10-2:00
 M 2:10-4:00
 MEETS: FEB 7-APRIL 18

NUTRITIONAL SCIENCES (CONTINUED)

INTRO GENOMIC TECNQ NUTRS 542G 1 CREDIT
 Satisfactory-Fail Only.
 7494005 MW 1:10-2:00
 MW 2:10-4:00
 MEETS: MARCH 2-30

ADV VERTEB PHYSL II NUTRS 552 3 CREDITS
 Prereq: BIOL 335; CR OR ENRLMT IN BBMB 404 OR 420
 4620005 1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

MED NUTRI&DISEAS II NUTRS 564 3- 4 CREDITS
 Prereq: FS HN 360, FS HN 461, OR NUTRS 561; 3
 CREDITS IN PHYSIOLOGY AT 300 LEVEL OR ABOVE
 Note: CREDIT FOR ONLY TWO OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: DIET 560, NUTRS 561,
 NUTRS 564
 8567010 B TR 9:30-10:50
 R 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: SEC B OFFERED FOR 4 CREDITS SPRING 2011.

NUTRITION AND AGING NUTRS 569X 3 CREDITS
 Prereq: 3 CREDIT NUTRITION COURSE
 Note: COURSE RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 MAJORS ONLY.
 9510005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

RESRCH NUTRITNL SCI NUTRS 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERATIONS AND SUPPLY CHAIN MGMT

MFG PLANNING&CONTRL OSCM 422 3 CREDITS
 Prereq: 320 OR SCM 301X
 Note: Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 6818005 A1 MW 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO OSCM, SCM MAJORS ONLY.
 6818010 A2 MW 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A2 RESTRICTED TO ACCT, BUS S, BUS U, I BUS,
 FIN, MGMT, MIS, MKT, LSCM, SCM MAJORS ONLY.

PROCSS MGT,AN&IMPRV OSCM 424 3 CREDITS
 Prereq: 320 OR SCM 301X
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U, FIN,
 I BUS, MGMT, MIS, MKT, OSCM, LSCM, SCM MAJORS ONLY.
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 5287005 A MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

DEMAND PLANNING&MGMT OSCM 485 3 CREDITS
 Prereq: LSCM 360 AND OSCM 320, OR SCM 301X
 Note: COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY
 EXCEPT P BUS
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 1069005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

PRIN PRCHS&SPLY MGT OSCM 486 3 CREDITS
 Prereq: LSCM 360 AND OSCM 320, OR SCM 301X
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUS U,
 FIN, I BUS, LSCM, MGMT, MIS, MKT, OSCM, SCM MAJORS
 ONLY. NOT OPEN TO GRADUATE STUDENTS WITHOUT
 PERMISSION FROM 1200 GERDIN.
 Available for nonmajor graduate credit
 1067005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 1067010 B TR 9:30-10:50
 MEETS: JAN 10-MAY 6

STRITGC SPLY CHN MGT OSCM 487 3 CREDITS
 Prereq: OSCM 422 OR OSCM 424 OR LSCM 460;
 OSCM/LSCM 485 OR OSCM/LSCM 486
 Note: COURSE RESTRICTED TO LSCM, OSCM, SCM GRADUATING
 SENIORS ONLY S11
 Available for nonmajor graduate credit
 College permission required to add during
 1st week. Go to 1200 Gerdin.
 1089005 A TR 3:40-5:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY OSCM 490 1- 3 CREDITS
 Prereq: OSCM 320, SENIOR CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 Note: Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORGANIZATION FOR TROPICAL STUDIES

ECO TROPICAL BIOLGY OTS 510 8 CREDITS
 7535005 ARRANGED
 MEETS: JAN 10-MAY 6

TOPICS TROPICL BIOL OTS 515 1- 8 CREDITS
 7544005 ARRANGED
 MEETS: JAN 10-MAY 6

PERFORMING ARTS

ISSUES PERFORM ARTS PERF 105 R CREDIT
 Satisfactory-Fail Only.
 3673005 R 4:10-5:30
 MEETS: JAN 10-MAY 6

PERFORM ARTS INTERN PERF 310 R CREDIT
 Satisfactory-Fail Only.
 3677005 ARRANGED
 MEETS: JAN 10-MAY 6

PERFRM ARTS SEMINAR PERF 401 2 CREDITS
 Note: Available for nonmajor graduate credit
 3706005 ARRANGED
 MEETS: JAN 10-MAY 6

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CREDITS
 5824005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

5824010 B TR 2:10-3:30
 MEETS: JAN 10-MAY 6

5824015 C TR 2:10-3:30
 MEETS: JAN 10-MAY 6

5824020 D TR 2:10-3:00
 MEETS: JAN 10-MAY 6

5824025 E MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

INTR SYMBOLIC LOGIC PHIL 207 3 CREDITS
 Note: Instructor permission required 1st week.
 5826005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

MORAL THEOR&PRCTICE PHIL 230 3 CREDITS
 5827005 A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

5827010 B MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

5827015 C MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

5827020 D MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

5827025 E TR 12:40-2:00
 MEETS: JAN 10-MAY 6

5827030 F TR 12:40-2:00
 MEETS: JAN 10-MAY 6

5827035 G TR 2:10-3:30
 MEETS: JAN 10-MAY 6

5827040 J MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

5827045 K MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

5827050 L MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

5827055 M MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

5827060 N MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

ETH ISS DIVERSE SOC PHIL 235 3 CREDITS
 Note: Meets U.S. diversity reqmt
 4962005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

4962010 B TR 12:40-2:00
 MEETS: JAN 10-MAY 6

18TH CEN PHILOSOPHY PHIL 315 3 CREDITS
 Prereq: 201
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 9626005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

MORAL PROB MEDICINE PHIL 331 3 CREDITS
 Prereq: 230 OR JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 5835005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

PHILOSOPHY (CONTINUED)

PHILOSOPHY OF LAW PHIL 332 3 CREDITS
 Prereq: 201 OR 230
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 5836005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

SOC & POLITICAL PHIL PHIL 335 3 CREDITS
 Prereq: 201 OR 230
 Note: Available for nonmajor graduate credit
 5837005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

BIOETHICS&BIOTECHNL PHIL 336 3 CREDITS
 Prereq: 201 OR 230 OR 235
 Note: Available for nonmajor graduate credit
 3142005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

PHIL OF TECHNOLOGY PHIL 343 3 CREDITS
 Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
 AND 3 CREDITS OF SOCIAL SCIENCE
 Note: Available for nonmajor graduate credit
 7343005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 7343010 B TR 12:40-2:00
 MEETS: JAN 10-MAY 6

METAPHYSICS:MINDS&M PHIL 364 3 CREDITS
 Prereq: 3 CREDITS IN PHILOSOPHY
 Note: Available for nonmajor graduate credit
 8110005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

PHIL SOCIAL&BEH SCI PHIL 381 3 CREDITS
 Prereq: 201 OR 6 CR IN SOCIAL SCIENCES
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 5841005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

VALUE THEORY PHIL 430 3 CREDITS
 Prereq: 230
 Note: Available for nonmajor graduate credit
 5842005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

EPISTEMOL & METAPHYS PHIL 460 3 CREDITS
 Prereq: 6 CR IN PHILOSOPHY
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 5844005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

PHILOSOPH OF BIOLOGY PHIL 483 3 CREDITS
 Prereq: 3 CREDITS IN PHILOSOPHY OR BIOLOGY
 Note: Available for nonmajor graduate credit
 3054005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

PHILOSOPH OF PHYSICS PHIL 485 3 CREDITS
 Prereq: 3 CREDITS IN PHILOSOPHY OR PHYSICS
 Note: Available for nonmajor graduate credit
 8048005 MW 4:10-5:30
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY PHIL 490 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTR,
 APPROVAL OF CHAIR
 Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHIL 490H 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTR,
 APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATING SR SURVEY PHIL 492 R CREDIT
 Satisfactory-Fail Only.
 3891005 ARRANGED
 MEETS: JAN 10-MAY 6

SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5850005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5851005 ARRANGED
 MEETS: JAN 10-MAY 6

PHILOSOPHY (CONTINUED)

SPL TOP VALUE THRY PHIL 590C 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 Note: Instructor permission required.
 5852005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CREDITS
 Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5853005 ARRANGED
 MEETS: JAN 10-MAY 6

PHYSICS

PHYS FOR NON-SCIENT PHYS 101 3 CREDITS
 5855005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

PHYSICS COMMON EXPER PHYS 106 4 CREDITS
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 5856005 1 TR 8:00-8:50
 WF 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$50.00
 5856010 2 TR 8:00-8:50
 WF 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$50.00
 5856015 3 TR 8:00-8:50
 WF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$50.00
 5856020 4 TR 8:00-8:50
 WF 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$50.00
 5856025 5 TR 8:00-8:50
 WF 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$50.00
 5856026 6 TR 8:00-8:50
 WF 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$50.00
 5856030 A R 12:10-2:00
 MEETS: JAN 10-MAY 6
 5856035 B R 2:10-4:00
 MEETS: JAN 10-MAY 6
 5856040 C R 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 5856045 D F 8:00-9:50
 MEETS: JAN 10-MAY 6
 5856050 E F 10:00-11:50
 MEETS: JAN 10-MAY 6
 5856055 F F 12:10-2:00
 MEETS: JAN 10-MAY 6
 5856060 G F 2:10-4:00
 MEETS: JAN 10-MAY 6

GENERAL PHYSICS PHYS 111 4 CREDITS
 Prereq: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF
 GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 5857005 1 TR 9:30-10:50
 F 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857010 2 TR 9:30-10:50
 F 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857015 3 TR 9:30-10:50
 F 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857020 4 TR 9:30-10:50
 F 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857025 5 TR 9:30-10:50
 F 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857030 6 TR 9:30-10:50
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857035 7 TR 9:30-10:50
 F 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857040 8 TR 9:30-10:50
 F 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857041 10 TR 11:00-12:20
 F 9:00-9:50
 MEETS: JAN 10-MAY 6

PHYSICS

(CONTINUED)

GENERAL PHYSICS PHYS 111 4 CREDITS
 Note: Materials and professional support fee \$75.00
 5857046 11 TR 11:00-12:20
 F 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857047 12 TR 11:00-12:20
 F 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857048 13 TR 11:00-12:20
 F 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857049 14 TR 11:00-12:20
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857050 15 TR 11:00-12:20
 F 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857051 16 TR 11:00-12:20
 F 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857052 17 TR 11:00-12:20
 F 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5857054 A M 8:00-9:50
 MEETS: JAN 10-MAY 6
 5857055 B M 10:00-11:50
 MEETS: JAN 10-MAY 6
 5857060 C M 12:10-2:00
 MEETS: JAN 10-MAY 6
 5857065 D M 2:10-4:00
 MEETS: JAN 10-MAY 6
 5857070 E M 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 5857075 F T 8:00-9:50
 MEETS: JAN 10-MAY 6
 5857080 G W 8:00-9:50
 MEETS: JAN 10-MAY 6
 5857085 H T 12:10-2:00
 MEETS: JAN 10-MAY 6
 5857090 J T 2:10-4:00
 MEETS: JAN 10-MAY 6
 5857095 K T 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 5857100 L W 10:00-11:50
 MEETS: JAN 10-MAY 6
 5857084 M W 12:10-2:00
 MEETS: JAN 10-MAY 6
 5857105 N W 2:10-4:00
 MEETS: JAN 10-MAY 6
 5857110 P W 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 5857115 Q R 8:00-9:50
 MEETS: JAN 10-MAY 6
 5857120 R W 7:10-9:00PM
 MEETS: JAN 10-MAY 6
 5857125 T R 12:10-2:00
 MEETS: JAN 10-MAY 6
 5857130 U R 2:10-4:00
 MEETS: JAN 10-MAY 6
 5857135 V R 4:10-6:00PM
 MEETS: JAN 10-MAY 6

GENERAL PHYSICS PHYS 112 4 CREDITS

Prereq: 111
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 5858005 1 MWF 12:10-1:00
 R 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5858010 2 MWF 12:10-1:00
 R 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5858015 3 MWF 12:10-1:00
 R 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5858020 4 MWF 12:10-1:00
 R 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5858025 5 MWF 12:10-1:00
 R 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5858030 6 MWF 12:10-1:00
 R 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5858035 7 MWF 12:10-1:00
 R 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5858038 8 MWF 12:10-1:00
 R 4:10-5:00
 MEETS: JAN 10-MAY 6

PHYSICS

(CONTINUED)

GENERAL PHYSICS PHYS 112 4 CREDITS
 Note: Materials and professional support fee \$75.00
 5858039 9 MWF 12:10-1:00
 R 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5858042 A T 8:00-9:50
 MEETS: JAN 10-MAY 6
 5858045 B T 10:00-11:50
 MEETS: JAN 10-MAY 6
 5858050 C T 12:10-2:00
 MEETS: JAN 10-MAY 6
 5858055 D T 2:10-4:00
 MEETS: JAN 10-MAY 6
 5858060 E T 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 5858065 F W 8:00-9:50
 MEETS: JAN 10-MAY 6
 5858070 G W 10:00-11:50
 MEETS: JAN 10-MAY 6
 5858075 H W 2:10-4:00
 MEETS: JAN 10-MAY 6
 5858080 J W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

INTR CLASSCL PHYS I PHYS 221 5 CREDITS

Prereq: CREDIT OR ENROLLMENT IN MATH 166
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SEC THEN LETTERED SEC. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED. DIS. MEETS EVERY TUES. & EVERY OTHER THURS. LAB DOES NOT MEET EVERY WEEK STUDENTS ENROLLED IN FALL 10 IN 221 MUST REGISTER FOR LAB SEC LW.
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.
 5861005 1 MWF 8:00-8:50
 TR 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861010 2 MWF 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: SEC 2 RESTRICTED TO PHYSICS MAJORS ONLY
 Materials and professional support fee \$75.00
 5861015 3 MWF 8:00-8:50
 TR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861020 4 MWF 8:00-8:50
 TR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861025 5 MWF 8:00-8:50
 TR 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861030 6 MWF 8:00-8:50
 TR 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861035 7 MWF 8:00-8:50
 TR 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861040 8 MWF 8:00-8:50
 TR 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861045 9 MWF 8:00-8:50
 TR 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861050 10 MWF 9:00-9:50
 TR 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861055 11 MWF 9:00-9:50
 TR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861060 12 MWF 9:00-9:50
 TR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861065 13 MWF 9:00-9:50
 TR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC 13 RESTRICTED TO PHYSICS MAJORS ONLY
 Materials and professional support fee \$75.00
 5861070 14 MWF 9:00-9:50
 TR 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861075 15 MWF 9:00-9:50
 TR 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861080 16 MWF 9:00-9:50
 TR 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861085 17 MWF 9:00-9:50
 TR 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

PHYSICS

(CONTINUED)

INTR CLASSCL PHYS I PHYS 221 5 CREDITS
 5861087 18 MWF 9:00-9:50
 TR 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861088 19 MWF 9:00-9:50
 TR 5:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861090 20 MWF 10:00-10:50
 TR 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861095 21 MWF 10:00-10:50
 TR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861100 22 MWF 10:00-10:50
 TR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861105 23 MWF 10:00-10:50
 TR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861110 24 MWF 10:00-10:50
 TR 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861115 25 MWF 10:00-10:50
 TR 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC 25 RESTRICTED TO PHYSICS MAJORS ONLY
 Materials and professional support fee \$75.00
 5861120 26 MWF 10:00-10:50
 TR 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861125 27 MWF 10:00-10:50
 TR 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861130 28 MWF 10:00-10:50
 TR 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861135 29 MWF 10:00-10:50
 TR 5:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861140 30 MWF 8:00-8:50
 TR 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861145 31 MWF 8:00-8:50
 TR 7:00-7:50PM
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861150 32 MWF 9:00-9:50
 TR 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861155 33 MWF 3:10-4:00
 TR 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861160 34 MWF 3:10-4:00
 TR 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861165 35 MWF 3:10-4:00
 TR 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861170 36 MWF 3:10-4:00
 TR 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861175 37 MWF 3:10-4:00
 TR 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5861200 A T 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO PHYSICS MAJORS ONLY
 5861205 B W 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC B RESTRICTED TO PHYSICS MAJORS ONLY
 5861210 C T 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC C RESTRICTED TO PHYSICS MAJORS ONLY
 5861215 D F 10:00-11:50
 MEETS: JAN 10-MAY 6
 5861220 E T 12:10-2:00
 MEETS: JAN 10-MAY 6
 5861225 F W 12:10-2:00
 MEETS: JAN 10-MAY 6
 5861230 G T 2:10-4:00
 MEETS: JAN 10-MAY 6
 5861235 J R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: SEC J DOES NOT MEET DURING SAME WEEKS AS
 THURS DISCUSSION, SO WHAT APPEARS AS A POTENTIAL
 TIME CONFLICT IS NOT.
 5861240 K M 4:10-6:00PM
 MEETS: JAN 10-MAY 6

PHYSICS

(CONTINUED)

INTR CLASSCL PHYS I PHYS 221 5 CREDITS
 5861245 L T 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 5861250 M M 10:00-11:50
 MEETS: JAN 10-MAY 6
 5861255 N W 10:00-11:50
 MEETS: JAN 10-MAY 6
 5861260 P F 10:00-11:50
 MEETS: JAN 10-MAY 6
 5861265 Q W 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 5861270 R F 12:10-2:00
 MEETS: JAN 10-MAY 6
 5861275 T R 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: SEC T DOES NOT MEET DURING SAME WEEKS AS
 THURS DISCUSSION, SO WHAT APPEARS AS A POTENTIAL
 TIME CONFLICT IS NOT.
 5861280 U W 2:10-4:00
 MEETS: JAN 10-MAY 6
 5861285 V R 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: SEC V DOES NOT MEET DURING SAME WEEKS AS
 THURS DISCUSSION, SO WHAT APPEARS AS A POTENTIAL
 TIME CONFLICT IS NOT.
 5861290 W W 7:10-9:00PM
 MEETS: JAN 10-MAY 6
 5861300 X M 8:00-9:50
 MEETS: JAN 10-MAY 6
 5861305 Y W 8:00-9:50
 MEETS: JAN 10-MAY 6
 5861310 Z F 8:00-9:50
 MEETS: JAN 10-MAY 6
 5861315 AA F 12:10-2:00
 MEETS: JAN 10-MAY 6
 5861320 BB M 12:10-2:00
 MEETS: JAN 10-MAY 6
 5861325 CC W 12:10-2:00
 MEETS: JAN 10-MAY 6
 5861330 DD M 2:10-4:00
 MEETS: JAN 10-MAY 6
 5861335 EE W 2:10-4:00
 MEETS: JAN 10-MAY 6
 5861340 FF R 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC FF DOES NOT MEET DURING SAME WEEKS AS
 THURS DISCUSSION, SO WHAT APPEARS AS A POTENTIAL
 TIME CONFLICT IS NOT.
 5861345 GG R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: SEC GG DOES NOT MEET DURING SAME WEEKS AS
 THURS DISCUSSION, SO WHAT APPEARS AS A POTENTIAL
 TIME CONFLICT IS NOT.
 5861350 JJ W 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 5861360 KK T 7:10-9:00PM
 MEETS: JAN 10-MAY 6
 5861365 LL F 2:10-4:00
 MEETS: JAN 10-MAY 6
 5861355 LW ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC LW ONLY FOR STUDENTS ENROLLED FALL 2008.
 AFTER FINAL GRADES ARE RECORDED, STUDENTS ENROLLED IN
 SECTION LW WILL BE CONTACTED BY THE PHYSICS
 DEPARTMENT REGARDING PLACEMENT IN A LAB OR A LAB
 WAIVER.
 5861370 MM M 7:10-9:00PM
 MEETS: JAN 10-MAY 6
 5861375 NN F 8:00-9:50
 MEETS: JAN 10-MAY 6
 HONORS-CLASSIC PH I PHYS 221H 5 CREDITS
 Prereq: CR OR ENROLLMENT IN MATH 166,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 RESTRICTED TO UNIV. HONORS STUDENTS ONLY.
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 5862005 1 MWF 8:00-8:50
 TR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5862010 2 MWF 9:00-9:50
 TR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5862015 3 MWF 10:00-10:50
 TR 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00
 5862050 A T 8:00-9:50
 MEETS: JAN 10-MAY 6
 5862055 B W 10:00-11:50
 MEETS: JAN 10-MAY 6
 5862060 C T 10:00-11:50
 MEETS: JAN 10-MAY 6

PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 222 5 CREDITS
 Prereq: 221, MATH 166
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED. STUDENTS ENROLLED FALL 2010 IN PHYS 222 MUST REGISTER FOR LAB SECTION LW.
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.

5863005 1 MWF 1:10-2:00
 T 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863010 2 MWF 1:10-2:00
 T 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863015 3 MWF 1:10-2:00
 T 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863020 4 MWF 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863025 5 MWF 1:10-2:00
 T 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863030 6 MWF 1:10-2:00
 T 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863035 7 MWF 1:10-2:00
 T 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863036 8 MWF 1:10-2:00
 T 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863037 9 MWF 1:10-2:00
 T 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863040 10 MWF 1:10-2:00
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863045 11 MWF 2:10-3:00
 T 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863050 12 MWF 2:10-3:00
 T 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863055 13 MWF 2:10-3:00
 T 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863060 14 MWF 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863065 15 MWF 2:10-3:00
 T 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863090 16 MWF 2:10-3:00
 T 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863095 17 MWF 2:10-3:00
 T 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863100 18 MWF 2:10-3:00
 T 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: SEC 18 RESTRICTED TO PHYSICS MAJORS ONLY
 Materials and professional support fee \$75.00

5863105 19 MWF 2:10-3:00
 T 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863115 21 MWF 3:10-4:00
 T 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863120 22 MWF 3:10-4:00
 T 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863125 23 MWF 3:10-4:00
 T 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863130 24 MWF 3:10-4:00
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863135 25 MWF 3:10-4:00
 T 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

PHYSICS

(CONTINUED)

INTR CLASSC PHYS II PHYS 222 5 CREDITS
 5863140 26 MWF 3:10-4:00
 T 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863145 27 MWF 3:10-4:00
 T 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863150 28 MWF 3:10-4:00
 T 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863155 29 MWF 3:10-4:00
 T 4:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863160 30 MWF 2:10-3:00
 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5863200 A R 8:00-9:50
 MEETS: JAN 10-MAY 6

5863205 B W 2:10-4:00
 MEETS: JAN 10-MAY 6

5863215 C R 10:00-11:50
 MEETS: JAN 10-MAY 6

5863220 D T 10:00-11:50
 MEETS: JAN 10-MAY 6

5863225 E R 12:10-2:00
 MEETS: JAN 10-MAY 6

5863230 F R 12:10-2:00
 MEETS: JAN 10-MAY 6

5863235 G F 10:00-11:50
 MEETS: JAN 10-MAY 6

5863240 J T 2:10-4:00
 MEETS: JAN 10-MAY 6

5863245 K W 2:10-4:00
 MEETS: JAN 10-MAY 6

5863250 L T 8:00-9:50PM
 MEETS: JAN 10-MAY 6

5863255 M F 2:10-4:00
 MEETS: JAN 10-MAY 6

5863260 N R 8:00-9:50
 MEETS: JAN 10-MAY 6

5863265 P W 10:00-11:50
 MEETS: JAN 10-MAY 6

5863270 Q R 10:00-11:50
 MEETS: JAN 10-MAY 6

5863275 R F 12:10-2:00
 MEETS: JAN 10-MAY 6

5863280 T T 4:10-6:00PM
 MEETS: JAN 10-MAY 6

5863285 U W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

5863290 V R 2:10-4:00
 MEETS: JAN 10-MAY 6

Note: SEC V RESTRICTED TO PHYSICS MAJORS ONLY

5863295 W R 4:10-6:00PM
 MEETS: JAN 10-MAY 6

5863300 X T 12:10-2:00
 MEETS: JAN 10-MAY 6

5863310 Z W 12:10-2:00
 MEETS: JAN 10-MAY 6

5863315 AA R 2:10-4:00
 MEETS: JAN 10-MAY 6

5863320 BB F 10:00-11:50
 MEETS: JAN 10-MAY 6

5863325 CC W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

5863330 DD W 12:10-2:00
 MEETS: JAN 10-MAY 6

5863335 EE R 4:10-6:00PM
 MEETS: JAN 10-MAY 6

5863345 LW ARRANGED
 MEETS: JAN 10-MAY 6

Note: SEC LW ONLY FOR STUDENTS ENROLLED FALL 2009.
 AFTER FINAL GRADES ARE RECORDED, STUDENTS ENROLLED IN SECTION LW WILL BE CONTACTED BY THE PHYSICS DEPARTMENT REGARDING PLACEMENT IN A LAB OR A LAB WAIVER.

HONORS-CLASS PHY II PHYS 222H 5 CREDITS
 Prereq: 221, MATH 166, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: 2-PART COURSE. REGISTER FOR NUMBERED SECTION FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T REGISTER FOR BOTH PARTS OF THE COURSE WILL BE DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 RESTRICTED TO UNIV. HONORS STUDENTS ONLY.
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.

5864005 1 MWF 2:10-3:00
 T 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and professional support fee \$75.00

5864050 A R 2:10-4:00
 MEETS: JAN 10-MAY 6

PHYSICS (CONTINUED)

PHYSICS (CONTINUED)

PRIN&SYMM CLS PH II PHYS 242H 5 CREDITS
 Prereq: PHYS 241X, MATH 166 OR 166H
 9405005 1 MWF 11:00-11:50
 T 1:10-2:00
 F 12:10-2:00
 MEETS: JAN 10-MAY 6
 9405010 2 MWF 11:00-11:50
 T 2:10-3:00
 F 2:10-4:00
 MEETS: JAN 10-MAY 6

PRIN&SYMM CLS PH II PHYS 242X 5 CREDITS
 Prereq: PHYS 241X, MATH 166 OR 166H
 9404005 1 MWF 11:00-11:50
 T 1:10-2:00
 F 12:10-2:00
 MEETS: JAN 10-MAY 6
 9404010 2 MWF 11:00-11:50
 T 2:10-3:00
 F 2:10-4:00
 MEETS: JAN 10-MAY 6

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

CHALNG CONTEMP PHYS PHYS 302 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 5869005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

PHYS OF WAVE MOTION PHYS 306 3 CREDITS
 Prereq: 222, CREDIT OR ENROLLMENT IN MATH 267
 5871005 1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 5871010 2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INTERMEDIATE LAB PHYS 311 1- 2 CREDITS
 Prereq: 322
 Note: Available for nonmajor graduate credit
 5872005 1 MW 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 5872010 2 TR 3:10-6:00PM
 MEETS: JAN 10-MAY 6

INTERMEDIATE LAB PHYS 311T 3 CREDITS
 Prereq: 112 OR 222
 5873005 ARRANGED
 MEETS: JAN 10-MAY 6

INTR MODERN PHYS II PHYS 322 3 CREDITS
 Prereq: 321
 5876005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

INTR MOD PHY LAB II PHYS 322L 1 CREDIT
 Prereq: CR OR ENROLLMENT IN 322
 5877005 1 T 2:10-4:00
 MEETS: JAN 10-MAY 6
 5877010 2 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 5877015 3 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 5877020 4 M 2:10-4:00
 MEETS: JAN 10-MAY 6

INTERMED MECHANICS PHYS 362 3 CREDITS
 Prereq: 361
 Note: Available for nonmajor graduate credit
 5881005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

ELECT& MAGNETISM II PHYS 365 3 CREDITS
 Prereq: 364
 Note: Available for nonmajor graduate credit
 5883005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

SEMINAR PHYS 389 R CREDIT
 Satisfactory-Fail Only.
 3647005 F 9:00-9:50
 MEETS: JAN 10-MAY 6

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5886005 ARRANGED
 MEETS: JAN 10-MAY 6

MOLCLR&CELL BIOPHYS PHYS 432 3 CREDITS
 Prereq: 304 OR CHEM 325
 Note: Available for nonmajor graduate credit
 8704005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

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

UNDERGRAD RESEARCH PHYS 450L 1- 6 CREDITS
 Prereq: 311, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED PHYSICS LAB PHYS 470L 2- 5 CREDITS
 Prereq: 322 AND PERMISSION OF INSTRUCTOR
 3161005 ARRANGED
 MEETS: JAN 10-MAY 6

QUANTUM MECHANICS II PHYS 481 3 CREDITS
 Prereq: 480
 Note: Available for nonmajor graduate credit
 5891005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHYS 490H 1- 4 CREDITS
 Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MODERN OPTICS PHYS 496 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 322 AND 365
 Note: Available for nonmajor graduate credit
 5884005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

CONDENSED MATTER I PHYS 511 3 CREDITS
 Prereq: 304, CREDIT OR ENROLLMENT IN 481
 5896005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

PARTICLE&NUCLR PHYS PHYS 526 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 481
 5905005 MWF 2:10-3:30
 MEETS: JAN 10-MAY 6

STATISTICAL MECHANICS PHYS 531 3 CREDITS
 Prereq: 304 AND CREDIT OR ENROLLMENT IN 481,
 MATH 465, CREDIT OR ENROLLMENT IN MATH 365 OR 426
 5902005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

MOLCLR&CELL BIOPHYS PHYS 532 3 CREDITS
 Prereq: 304 OR CHEM 325
 8708005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

GROUP THEORY APPLIC PHYS 534 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 481
 5098005 ARRANGED
 MEETS: JAN 10-MAY 6

PHYS SEMICOND DEVIC PHYS 536 3 CREDITS
 Prereq: E E 535
 5904005 MW 5:40-7:00PM
 MEETS: JAN 10-MAY 6

COMPUTATIONAL PHYS PHYS 551 2 CREDITS
 Prereq: 365, CREDIT OR ENROLLMENT IN 481
 Satisfactory-Fail Only.
 7651005 R 2:10-4:00
 MEETS: JAN 10-MAY 6

ADV ELECT&MAGNET II PHYS 572 3 CREDITS
 Prereq: 571
 5909005 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

SPCL TOPICS NUCLEAR PHYS 590A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5910005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP COND MATTER PHYS 590B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5911005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

SPL TOP HIGH ENERGY PHYS 590C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5912005 ARRANGED
 MEETS: JAN 10-MAY 6

PHYSICS

(CONTINUED)

PLANT BIOLOGY

(CONTINUED)

SPCL TOPICS PHYSICS PHYS 590D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5913005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOPCS APPL PHYS PHYS 590E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 5914005 ARRANGED
 MEETS: JAN 10-MAY 6

QUANTUM PHYSICS II PHYS 592 4 CREDITS
 Prereq: 591
 5916005 MF 10:00-10:50
 W 9:00-10:50
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT PHYS 599 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

QUANT THRY C MATTER PHYS 611 3 CREDITS
 Prereq: 512, 681
 5918005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

PH STRONG INTERACTN PHYS 625 3 CREDITS
 Prereq: 681
 3150005 ARRANGED
 MEETS: JAN 10-MAY 6

ELEM PARTICLE PH II PHYS 638 3 CREDITS
 Prereq: 637
 5922005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV SEMINAR NUCLEAR PHYS 650A 1 CREDIT
 Satisfactory-Fail Only.
 5923005 W 4:10-5:00
 MEETS: JAN 10-MAY 6

ADV SEM COND MATTER PHYS 650B 1 CREDIT
 Satisfactory-Fail Only.
 5924005 R 4:10-5:00
 MEETS: JAN 10-MAY 6

ADV SEM HIGH ENERGY PHYS 650C 1 CREDIT
 Satisfactory-Fail Only.
 5925005 W 4:10-5:00
 MEETS: JAN 10-MAY 6

ADV SEMINAR PHYSICS PHYS 650D 1 CREDIT
 Satisfactory-Fail Only.
 5926005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV SEMINAR APPLIED PHYS 650E 1 CREDIT
 Satisfactory-Fail Only.
 5927005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOPICS NUCLEAR PHYS 660A 1- 3 CREDITS
 5928005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOP COND MATTER PHYS 660B 1- 3 CREDITS
 5929005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CREDITS
 5930005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOPICS PHYSICS PHYS 660D 1- 3 CREDITS
 5931005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOPICS APPLIED PHYS 660E 1- 3 CREDITS
 5932005 ARRANGED
 MEETS: JAN 10-MAY 6

QUANTUM FLD THRY II PHYS 682 3 CREDITS
 Prereq: 681
 5936005 ARRANGED
 MEETS: JAN 10-MAY 6

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

RESEARCH SEMINAR PLBIO 696 1 CREDIT
 Satisfactory-Fail Only.
 8828005 W 4:10-5:30
 MEETS: JAN 10-MAY 6

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

PLANT PATHOLOGY

PRIN OF PLANT PATH PL P 408 3 CREDITS
 Prereq: 8 CREDITS IN BIOL SCIENCES, INCLUDING
 BIOL 212/202
 3898005 1 MW 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

3898010 2 MW 11:00-11:50
 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

FOREST INSC&DIS EC PL P 416 4 CREDITS
 Prereq: 8 CR IN BIOLOGICAL SCI, INCLUDING BIOL 211
 Note: Available for nonmajor graduate credit
 5942005 1 TR 11:00-12:20
 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$10.00

INDEP STDY PLT PATH PL P 490A 1- 3 CREDITS
 Prereq: JR OR SR CLASSIFICATION, 7 CREDITS IN
 BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 3152005 ARRANGED
 MEETS: JAN 10-MAY 6

HONORS INDEP STUDY PL P 490H 1- 3 CREDITS
 Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL
 SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM
 Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION. RESTRICTED TO UNIV. HONORS STUDENTS.
 3155005 ARRANGED
 MEETS: JAN 10-MAY 6

SEED PATHOLOGY PL P 494 3 CREDITS
 Prereq: 408
 Note: CREDIT FOR EITHER PL P 494/594 OR STB/PL P 592,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 7927005 ARRANGED
 MEETS: JAN 10-MAY 6

PLANT-PATH INTERACT PL P 506 2 CREDITS
 Prereq: 408 OR 416, BIOL 313
 9645005 TR 9:00-9:50
 MEETS: JAN 10-MAY 6

PRIN OF PLANT PATH PL P 508 3 CREDITS
 Prereq: 8 CREDITS IN BIOLOGICAL SCI INCLUDING
 BIOL 212/202
 3902005 1 MW 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

3902010 2 MW 11:00-11:50
 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INTG MGT TROPIC CROP PL P 511 3 CREDITS
 Prereq: 408 OR 416 OR ENT 370 OR 376 OR
 HORT 221
 Note: Meets international perspectives reqmt
 4465005 ARRANGED
 MEETS: JAN 10-MAY 6

PRO PRACTC RESEARCH PL P 565A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 7866005 1 T 11:00-11:50
 MEETS: JAN 10-MAY 6

7866010 2 W 11:00-11:50
 MEETS: JAN 10-MAY 6

PRO PRAC INTEL PROP PL P 565B .5 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 7874005 ARRANGED
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS PL P 590 1- 3 CREDITS
 Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
 5953005 ARRANGED
 MEETS: JAN 10-MAY 6

PLANT BIOLOGY

PLANT GROWTH&DEVELP PLBIO 512 2 CREDITS
 Prereq: BIOL 330 OR COURSE IN DEVELOPMENTAL
 BIOLOGY; GDCB 545 OR BBMB 404, 405 OR GDCB 520
 6803005 MW 10:00-10:50
 MEETS: JAN 10-MAY 6

PLANT PATHOLOGY

(CONTINUED)

SEED HEALTH MANAGMT PL P 592 2 CREDITS
 Prereq: ADMISSION TO THE GRAD PROGRAM IN STB OR
 CONSENT OF INSTRUCTOR
 Note: CREDIT FOR EITHER PL P 494/594 OR STB/PL P 592,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 7949600 XW ARRANGED MUNKVOLD G
 MEETS: JAN 10-MAY 6
 Section XW is off campus
 Course delivery is WW
 Secondary delivery is CD
 Delivery fee \$594.00
 Tuition Category: Seed Tech & Bus
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

SEED PATHOLOGY PL P 594 3 CREDITS
 Prereq: 408
 Note: CREDIT FOR EITHER PL P 494/594 OR STB/PL P 592,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5955005 ARRANGED
 MEETS: JAN 10-MAY 6

COLLOQ IN PLANT PTH PL P 694 2 CREDITS
 Prereq: 408 OR 416; PERMISSN OF INSTRUCTOR
 5958005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMINAR PL P 698 1 CREDIT
 Satisfactory-Fail Only.
 5959005 T 3:40-5:00
 MEETS: JAN 10-MAY 6

THESIS&DIS RESEARCH PL P 699 VAR. CREDITS
 5960005 ARRANGED
 MEETS: JAN 10-MAY 6

POLITICAL SCIENCE

ORIENTATN POLIT SCI POL S 101 1 CREDIT
 Prereq: POL S AND OPEN OPTION MAJORS ONLY OR
 PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO POL S MAJORS ONLY
 Satisfactory-Fail Only.
 3912005 TR 11:00-11:50 CHRYSTAL J
 MEETS: JAN 10-MARCH 4

INTR AMERIC GOVERNMENT POL S 215 3 CREDITS
 5961005 A MWF 11:00-11:50 LEWKOWICZ M
 MEETS: JAN 10-MAY 6
 5961010 B TR 9:30-10:50 SCHMIDT S
 MEETS: JAN 10-MAY 6
 5961015 C MWF 9:00-9:50 HUTTER J
 MEETS: JAN 10-MAY 6

INTRO ETHICS&POLTCS POL S 235 3 CREDITS
 Prereq: SOPHOMORE STANDING
 5715005 A MWF 12:10-1:00 DEAM D
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 5715010 B MWF 12:10-1:00 DEAM D
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN POL S.

INTR CMPAR GOVT&POL POL S 241 3 CREDITS
 Note: Meets international perspectives reqmt
 5963005 A MWF 10:00-10:50 CUNNINGHAM K
 MEETS: JAN 10-MAY 6
 5963010 B TR 12:40-2:00 DAY S
 MEETS: JAN 10-MAY 6

INTRO INTERNATL POL POL S 251 3 CREDITS
 Note: Meets international perspectives reqmt
 5964005 A TR 11:00-12:20 PIRRO E
 MEETS: JAN 10-MAY 6
 5964010 B MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

INTRO EMPIRCL RSRCH POL S 301 3 CREDITS
 Prereq: 3 CREDITS IN POL S; ONE STAT COURSE
 REQUIRED: SOPHOMORE CLASSIFICATION
 5965005 A TR 8:00-9:20 CUNNINGHAM D
 MEETS: JAN 10-MAY 6

AMER GOVT &POLITICS POL S 312 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: USE OF POL S 312,313,314,315 IN POL S MAJOR
 AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRAD STUDIES SECTION OF CATALOG FOR DETAILS.
 8810005 TR 11:00-11:50 CHRYSTAL J
 MEETS: MARCH 7-MAY 6

INTERNATL RELATIONS POL S 315 2 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: USE OF POL S 312,313,314,315 IN POL S MAJOR
 AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRAD STUDIES SECTION OF CATALOG FOR DETAILS.
 8813005 A T 6:10-9:00PM MANSBACH R
 MEETS: JAN 10-MARCH 4
 Note: SEC A TOPIC: WAR AND FILM EARLY YEARS
 8813010 B T 6:10-9:00PM MANSBACH R
 MEETS: MARCH 7-MAY 6
 Note: SEC B TOPIC: WAR & FILM LATE YEARS
 8813015 C TR 9:30-10:50 URBATSCH R
 MEETS: JAN 10-MARCH 4

POLITICAL SCIENCE

(CONTINUED)

LAW AND POLITICS POL S 319 3 CREDITS
 Prereq: SOPHOMORE STANDING; 215 RECOMMENDED
 Note: CREDIT FOR EITHER POL S 319 OR POL S 230, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3865005 A MWF 2:10-3:00 DEAM D
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 3865010 B MWF 2:10-3:00 DEAM D
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN POL S.

AMER JUDICIAL PROC POL S 320 3 CREDITS
 Prereq: 215
 5970005 A TR 2:10-3:30 WAGGONER K
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 5970010 B TR 2:10-3:30 WAGGONER K
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN POL S.

SCI,TEC&PUBLC POLCY POL S 335 3 CREDITS
 7987005 A R 6:10-9:00PM DEAM D
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 7987010 B R 6:10-9:00PM DEAM D
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN POL S

LATIN AM GOVT & POL POL S 343 3 CREDITS
 5974005 1A TR 12:40-2:00 SCHMIDT S
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO POL S MAJORS ONLY
 5974010 1B TR 12:40-2:00 DEAM D
 MEETS: JAN 10-MAY 6
 Note: SEC 1B FOR MAJORS OTHER THAN POL S.

PUBLIC POLICY POL S 344 3 CREDITS
 9243005 A MWF 3:10-4:00 LEWKOWICZ M
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY
 9243010 B MWF 3:10-4:00 LEWKOWICZ M
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN POL S

EUROPEAN POLITICS POL S 346 3 CREDITS
 5976005 A TR 2:10-3:30 PIRRO E
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 5976010 B TR 2:10-3:30 PIRRO E
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN POL S

THEOR INTL POLITICS POL S 356 3 CREDITS
 7231005 A MWF 2:10-3:00 CUNNINGHAM K
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 7231010 B MWF 2:10-3:00 CUNNINGHAM K
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN POL S.

ISSUES FOREIGN PLCY POL S 359 3 CREDITS
 Prereq: 215, 251, OR 358
 1006005 A TR 2:10-3:30 MCCORMICK J
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 1006010 B TR 2:10-3:30 MCCORMICK J
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN POL S.

AMER INSTI:CONGRESS POL S 360 3 CREDITS
 Prereq: 215
 5980005 A TR 11:00-12:20 PETERSON D
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO POL S MAJORS ONLY.
 5980010 B TR 11:00-12:20 PETERSON D
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN POL S.

POLITICS AND FILM POL S 365X 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION, 3 CR IN POL S
 9092005 M 6:10-9:00PM HUTTER J
 MEETS: JAN 10-MAY 6

INT'L POLIT ECONOMY POL S 381 3 CREDITS
 1000005 A TR 11:00-12:20 URBATSCH R
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO POL S MAJORS.
 1000010 B TR 11:00-12:20 URBATSCH R
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN POL S.

PUB OPINION&VOT BHV POL S 406 3 CREDITS
 Prereq: 6 CR IN POL S OR JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 9242005 MWF 2:10-3:00 HUTTER J
 MEETS: JAN 10-MAY 6

POLITICAL SCIENCE (CONTINUED)

CONSTITUTNL FREEDMS POL S 421 3 CREDITS
 Prereq: 320 OR 420
 Note: Available for nonmajor graduate credit
 5989005 MWF 10:00-10:50 DEAM D
 MEETS: JAN 10-MAY 6

INTERNATIONAL LAW POL S 422 3 CREDITS
 Prereq: 215 OR 251; JUNIOR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 5990005 TR 9:30-10:50 PIRRO E
 MEETS: JAN 10-MAY 6

FND WST POL THOUGHT POL S 430 3 CREDITS
 Prereq: 6 CR IN POL S, PHIL, OR EUROPEAN HIST
 Note: Available for nonmajor graduate credit
 5992005 TR 9:30-10:50 TUCKNESS A
 MEETS: JAN 10-MAY 6

POL PARTI&INTRST GR POL S 464 3 CREDITS
 Prereq: 215; JUNIOR CLASSIFICATION
 6003005 MWF 1:10-2:00 LEWKOWICZ M
 MEETS: JAN 10-MAY 6

PUBLIC CHOICE POL S 470 3 CREDITS
 Prereq: ECON 101
 Note: Available for nonmajor graduate credit
 8904005 TR 12:40-2:00 URBATSCH R
 MEETS: JAN 10-MAY 6

MGMT PUBLIC SECTOR POL S 475 3 CREDITS
 Prereq: 371
 Note: Available for nonmajor graduate credit
 6005005 R 6:10-9:00PM STROHMAN J
 MEETS: JAN 10-MAY 6
 6005600 XW R 6:00-9:00PM STROHMAN J
 MEETS: JAN 10-MAY 6
 Note: SYNCHRONOUS COURSE: CLASS TIMES ARE SCHEDULED
 WITH REQUIRED VIRTUAL ATTENDANCE.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00

COMPRTV PUBLIC ADMIN POL S 485 3 CREDITS
 7248005 TR 4:10-5:30 DAY S
 MEETS: JAN 10-MAY 6

IND STUDY AMER GOVT POL S 490A VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THRY&METHD POL S 490B VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490C VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EXT CREDIT POL S 490E 1- 2 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR POL S 490G VAR. CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE (CONTINUED)

INDEP STUDY HONORS POL S 490H VAR. CREDITS
 Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG
 Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
 MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
 UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491 3 CREDITS
 Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN POL S 498 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION
 COORDINATOR; SENIOR CLASSIFICATION
 4568005 ARRANGED JENSEN A
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

POL SCI INTERNSHIP POL S 499 VAR. CREDITS
 Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR
 CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR
 Note: USE OF POL S 499 IN POL S MAJOR AND MINOR DEGREE
 REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE STUDY
 SECTION OF CATALOG FOR DETAILS.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROSEM COMPAR POLIT POL S 505 3 CREDITS
 Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING
 4638005 M 6:10-9:00PM CUNNINGHAM K
 MEETS: JAN 10-MAY 6

PROSEM AMERIC POLIT POL S 506 3 CREDITS
 Prereq: 6 CREDITS IN POL S OR GRADUATE STANDING
 7192005 R 6:10-9:00PM
 MEETS: JAN 10-MAY 6

INFO ASSUR LEGAL&ET POL S 534 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION, CPR E/INFAS 531
 7329005 A W 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 7329600 XW ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00

AMER POLIT INSTITUT POL S 560 3 CREDITS
 Prereq: 6 CREDITS IN AMERICAN GOVERNMENT
 6031005 W 6:10-9:00PM PETERSON D
 MEETS: JAN 10-MAY 6

POLIT&MGMT NONPROFIT POL S 570 3 CREDITS
 Prereq: GRADUATE CLASSIFICATION
 3896005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 3896600 XW M 6:00-9:00PM
 MEETS: JAN 10-MAY 6
 Note: SYNCHRONOUS COURSE: CLASS TIMES ARE SCHEDULED
 WITH REQUIRED VIRTUAL ATTENDANCE.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00

PUBLIC FINANC&BUDGT POL S 572 3 CREDITS
 6034005 T 6:10-9:00PM
 MEETS: JAN 10-MAY 6
 6034600 XW T 6:00-9:00PM
 MEETS: JAN 10-MAY 6
 Note: SYNCHRONOUS COURSE: CLASS TIMES ARE SCHEDULED
 WITH REQUIRED VIRTUAL ATTENDANCE.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00

PUB PERSONNEL ADMIN POL S 573 3 CREDITS
 6035005 W 6:10-9:00PM SHELLEY M
 MEETS: JAN 10-MAY 6
 6035600 XW W 6:00-9:00PM SHELLEY M
 MEETS: JAN 10-MAY 6
 Note: SYNCHRONOUS COURSE: CLASS TIMES ARE SCHEDULED
 WITH REQUIRED VIRTUAL ATTENDANCE.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00

MGMT PUBLIC SECTOR POL S 575 3 CREDITS
 Prereq: 6 CREDITS IN POLITICAL SCIENCE
 6037005 R 6:10-9:00PM STROHMAN J
 MEETS: JAN 10-MAY 6
 6037600 XW R 6:00-9:00PM STROHMAN J
 MEETS: JAN 10-MAY 6
 Note: SYNCHRONOUS COURSE: CLASS TIMES ARE SCHEDULED
 WITH REQUIRED VIRTUAL ATTENDANCE.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00

POLITICAL SCIENCE (CONTINUED)

COMPRTV PUBLIC ADMIN POL S 585 3 CREDITS
 Prereq: 6 HOURS OF POL S OR INSTRUCTOR PERMISSION
 7245005 TR 4:10-5:30 DAY S
 MEETS: JAN 10-MAY 6

SPL TOP US P INSTIT POL S 590A 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PUBLIC LAW POL S 590B 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLIT THEORY POL S 590C 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPAR GOVT POL S 590D 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L RELAT POL S 590E 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POL PARTIES POL S 590F 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PUB POL&ADM POL S 590G 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INTERNSHIP POL S 590I 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TEACHG PREP POL S 590T 2- 5 CREDITS
 Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 Note: Instructor permission required 1st week.
 6050005 ARRANGED
 MEETS: JAN 10-MAY 6

PUBLIC ADMIN INTERN POL S 598 3- 6 CREDITS
 Prereq: 15 CREDITS IN POL S, INSTRUCTR PERMISSION
 4540005 ARRANGED
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT POL S 599 VAR. CREDITS
 Note: Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CREDITS
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 6069005 A TR 9:30-10:50 DARK V
 MEETS: JAN 10-MAY 6
 6069010 B TR 11:00-12:20 DARK V
 MEETS: JAN 10-MAY 6

LAB INTRODUC PSYCH PSYCH 102 1 CREDIT
 Prereq: CR OR ENROLLMENT IN 101
 Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY
 4786005 A T 1:10-3:00 LAPAGLIA J
 MEETS: JAN 10-MAY 6
 4786010 B W 8:00-9:50
 MEETS: JAN 10-MAY 6

ORIENTATN TO PSYCH PSYCH 111 .5 CREDIT
 Satisfactory-Fail Only.
 6068005 W 3:10-4:00
 MEETS: JAN 10-MARCH 25

PSY LRN CMNTY SEMNR PSYCH 112X 1 CREDIT
 Prereq: PARTICIPATION IN PSYCHOLOGY FRESHMAN
 LEARNING COMMUNITY
 Satisfactory-Fail Only.
 9388005 W 3:10-4:00 CUTRONA C
 MEETS: JAN 10-MAY 6

ACAD LEARNNG SKILLS PSYCH 131 1 CREDIT
 Satisfactory-Fail Only.
 6071005 A MW 9:00-10:50
 MEETS: JAN 10-MARCH 4
 6071010 B MW 10:00-11:50
 MEETS: JAN 10-MARCH 4
 6071015 C TR 11:00-12:50
 MEETS: JAN 10-MARCH 4
 6071020 D MW 12:10-1:00
 MEETS: JAN 10-MAY 6
 6071025 E MW 1:10-2:00
 MEETS: JAN 10-MAY 6

PSYCHOLOGY (CONTINUED)

ACAD LEARNNG SKILLS PSYCH 131 1 CREDIT
 6071030 F MW 2:10-3:00
 MEETS: JAN 10-MAY 6
 6071035 G TR 9:00-9:50
 MEETS: JAN 10-MAY 6
 6071040 H TR 10:00-10:50
 MEETS: JAN 10-MAY 6
 6071045 J TR 11:00-12:50
 MEETS: MARCH 7-MAY 6
 6071050 K TR 12:10-2:00
 MEETS: MARCH 7-MAY 6
 6071055 L MW 2:10-4:00
 MEETS: MARCH 7-MAY 6
 6071060 M TR 2:10-4:00
 MEETS: MARCH 7-MAY 6
 6071065 N ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

HONRS ACAD LRNG SKL PSYCH 131H 1 CREDIT
 Satisfactory-Fail Only.
 6809005 A ARRANGED
 MEETS: JAN 10-MAY 6

DEVELOPMENTAL PSYCH PSYCH 230 3 CREDITS
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 6072005 A TR 8:00-9:20 PHILLIPS W
 MEETS: JAN 10-MAY 6
 6072010 B TR 8:00-9:20 PHILLIPS W
 MEETS: JAN 10-MAY 6

SOCIAL PSYCHOLOGY PSYCH 280 3 CREDITS
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 6075005 A TR 2:10-3:30 WELLS G
 MEETS: JAN 10-MAY 6
 6075010 B TR 2:10-3:30 WELLS G
 MEETS: JAN 10-MAY 6
 6075600 XW ARRANGED TERZINO K
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

RES DSGN & METHODODL PSYCH 301 3 CREDITS
 Prereq: STAT 101; 1 COURSE IN PSYCHOLOGY
 Note: COURSE RESTRICTED TO PSYCH MAJORS. PSYCH MINORS
 ARE ELIGIBLE TO ADD THIS COURSE, BUT MUST GET AN ADD
 SLIP IN W022 LAGOMARCINO HALL.
 6076005 A TR 2:10-3:30 COOPER E
 MEETS: JAN 10-MAY 6
 6076010 B MWF 2:10-3:00 GUYLL M
 MEETS: JAN 10-MAY 6

RESRCH METHODS PSYC PSYCH 302 3 CREDITS
 Prereq: 301
 Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY
 1173005 A MW 10:00-11:50 BONETT R
 MEETS: JAN 10-MAY 6
 1173010 B TR 12:10-2:00 BONETT R
 MEETS: JAN 10-MAY 6
 1173015 C MW 12:10-2:00 LARSON L
 MEETS: JAN 10-MAY 6

BRAIN & BEHAVIOR PSYCH 310 3 CREDITS
 Prereq: 101; BIOL 101, 155, OR 211
 1515005 A1 TR 3:40-5:00 MORRIS A
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 1515010 A2 TR 3:40-5:00 MORRIS A
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

SENSATION &PERCEPTN PSYCH 312 3 CREDITS
 Prereq: 101
 6079005 A1 M 6:10-9:00PM COOPER E
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6079010 A2 M 6:10-9:00PM COOPER E
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

LEARNING & MEMORY PSYCH 313 3 CREDITS
 Prereq: 101
 6080005 A1 MWF 10:00-10:50 TIERNAN B
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6080010 A2 MWF 10:00-10:50 TIERNAN B
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

MOTIVATION PSYCH 314 3 CREDITS
 Prereq: 101
 6081005 A1 MWF 10:00-10:50 SCHEEL K
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6081010 A2 MWF 10:00-10:50 SCHEEL K
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

PSYCHOLOGY (CONTINUED)

PSYCHOLOGY (CONTINUED)

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS
 Prereq: 101; BIOL 155 OR 211
 6082005 A1 MWF 2:10-3:00 KAHL J
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6082010 A2 MWF 2:10-3:00 KAHL J
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

COGNITIVE PROCESSES PSYCH 316 3 CREDITS
 Prereq: 101
 6083005 A1 TR 3:40-5:00 CHAN C
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6083010 A2 TR 3:40-5:00 CHAN C
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

THINKING&DECISN MAK PSYCH 318X 3 CREDITS
 Prereq: 101; STAT 101 OR MATH 104 OR EQUIVALENT
 8995005 A1 MWF 1:10-2:00 WEBER B
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 8995010 A2 MWF 1:10-2:00 WEBER B
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJOR OTHER THAN PSYCH

EDUCATIONAL PSYCHOL PSYCH 333 3 CREDITS
 Prereq: PSYCH 230 OR HD FS 102, MAJOR IN PSYCH
 OR APPLICATION TO THE TEACHER ED PROGRAM
 Note: COURSE RESTRICTED TO PSYCH, SEC ED MAJORS
 4361005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

PSYCHOLOGY OF WOMEN PSYCH 346 3 CREDITS
 Prereq: TWO COURSES IN PSYCH INCLUDING 101
 Note: Meets U.S. diversity reqmt
 6085005 A1 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6085010 A2 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

U.S. LATINO/A PSYCH PSYCH 347X 3 CREDITS
 Prereq: TWO COURSES IN PSYCHOLOGY INCLUDING 101
 Note: Meets U.S. diversity reqmt
 9184005 A1 TR 2:10-3:30 PRIETO L
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 9184010 A2 TR 2:10-3:30 PRIETO L
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

PSYCHOL OF RELIGION PSYCH 348 3 CREDITS
 Prereq: NINE CREDITS IN PSYCHOLOGY
 7034005 A1 TR 9:30-10:50 WADE N
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 7034010 A2 TR 9:30-10:50 WADE N
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

HUMAN FACTOR IN TEC PSYCH 350X 3 CREDITS
 Prereq: 101, JUNIOR CLASSIFICATION
 9227005 A1 TR 2:10-3:30 KELLY J
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 9227010 A2 TR 2:10-3:30 KELLY J
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

NORMAL PERSONALITY PSYCH 360 3 CREDITS
 Prereq: 101
 6087005 A1 MWF 1:10-2:00 KRIZAN Z
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6087010 A2 MWF 1:10-2:00 KRIZAN Z
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

SMALL GROUP BEHAVR PSYCH 381 3 CREDITS
 Prereq: 280 OR SOC 305
 6088005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6

PSYCHOLOGY AND LAW PSYCH 383X 3 CREDITS
 Prereq: 101 OR 280
 9080005 A1 MWF 2:10-3:00 COSTABILE K
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 9080010 A2 MWF 2:10-3:00 COSTABILE K
 MEETS: JAN 10-MAY 6
 Note: SEC A2 RESTRICTED TO CJ ST MAJORS ONLY
 9080015 A3 MWF 2:10-3:00 COSTABILE K
 MEETS: JAN 10-MAY 6
 Note: SEC A3 FOR MAJORS OTHER THAN PSYCH OR CJ ST

HISTORY OF PSYCHOLG PSYCH 401 3 CREDITS
 Prereq: 4 COURSES IN PSYCH
 Note: Available for nonmajor graduate credit
 6089005 A1 TR 9:30-10:50 SCHEEL K
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6089010 A2 TR 9:30-10:50 SCHEEL K
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

PSYCH MEASUREMENT I PSYCH 440 3 CREDITS
 Prereq: 301 AND 9 CR IN PSYCH, STAT 101
 Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY
 Available for nonmajor graduate credit
 6099005 A M 12:10-2:00 ARMSTRONG P
 F 8:00-9:50
 MEETS: JAN 10-MAY 6
 6099010 B M 12:10-2:00 ARMSTRONG P
 W 12:10-2:00
 MEETS: JAN 10-MAY 6
 6099015 C M 12:10-2:00 ARMSTRONG P
 F 12:10-2:00
 MEETS: JAN 10-MAY 6
 6099020 D M 12:10-2:00 ARMSTRONG P
 W 8:00-9:50
 MEETS: JAN 10-MAY 6

INDUSTRIAL PSYCHOLG PSYCH 450 3 CREDITS
 Prereq: 2 COURSES IN PSYCH INCLUDING 101,
 STAT 101
 Note: Available for nonmajor graduate credit
 6100005 A1 MW 3:10-4:30 HANISCH K
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 6100010 A2 MW 3:10-4:30 HANISCH K
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

ABNORMAL PSYCHOLOGY PSYCH 460 3 CREDITS
 Prereq: 3 COURSES IN PSYCH INCLUDING 101
 Note: Available for nonmajor graduate credit
 6102005 A1 TR 8:00-9:20 SCOTT N
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 6102010 A2 TR 8:00-9:20 SCOTT N
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

HUMAN AGGRESSION PSYCH 487X 3 CREDITS
 Prereq: 280, 301; 313, 316, OR 380
 1438005 A1 TR 2:10-3:40 ANDERSON C
 MEETS: JAN 10-MAY 6
 Note: SEC A1 FOR PSYCH MAJORS ONLY
 1438010 A2 TR 2:10-3:40 ANDERSON C
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJOR OTHER THAN PSYCH

CULTURAL PSYCHOLOGY PSYCH 488 3 CREDITS
 Prereq: 280 AND 301; JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 5698005 A1 W 3:10-6:00PM CROSS S
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 5698010 A2 W 3:10-6:00PM CROSS S
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

INDEPENDENT STUDY PSYCH 490 1- 3 CREDITS
 Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN
 Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PSYCH 490H 1- 3 CREDITS
 Prereq: JR CLASSIFCATN, 6 CR IN PSYCH, INSTRUCTOR
 PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF 490 MAY BE APPLIED
 TOWARD A DEGREE IN PSYCHOLOGY. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM PSYCH 491 VAR. CREDITS
 Prereq: JR CLASSIFICATION, INSTR PERMISSION,
 CREDIT OR ENROLLMENT IN 301
 Note: NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

FIELDWORK PRACTICUM PSYCH 492 VAR. CREDITS
 Prereq: JR CLASSIFICATION, 12 CR IN PSYCH,
 PERMISSION OF INSTRUCTOR
 Note: NO MORE THAN 9 CREDITS OF PSYCH 492 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

(CONTINUED)

COGNITIVE NEUROPSYC PSYCH 519 3 CREDITS
 Prereq: 310 AND 316 OR 313
 4106005 A M 5:30-8:20PM MORRIS A
 MEETS: JAN 10-MAY 6

METHDS HUMAN&CMPUTR PSYCH 522 3 CREDITS
 Prereq: PSYCH 521 AND STAT 101 OR EQUIVALENT
 7051005 A MWF 11:00-11:50 COSTABILE K
 MEETS: JAN 10-MAY 6

7051600 XE ARRANGED COSTABILE K
 MEETS: JAN 10-MAY 6
 Note: LIVE VIEWING AVAILABLE MWF 11-11:50 AM OR
 STUDENTS HAVE THE OPTION TO VIEW LECTURES AT A LATER
 TIME.
 Section XE is off campus
 Course delivery is Videostreaming
 Delivery fee \$570.00
 Section info: http://www.ede.iastate.edu
 /online-spring-courses-2011/view-all-produc
 Cmpt reqmt: http://www.ede.iastate.edu/support
 /computer-requirements/hardware.htm

ADV DEVELOPMNTL PSY PSYCH 530 3 CREDITS
 Prereq: 230, 301, 302 AND STAT 401, OR GRADUATE
 CLASSIFICATION
 5201005 A TR 12:40-2:00 GENTILE D
 MEETS: JAN 10-MAY 6

EDUC PSYCH LEARNING PSYCH 533 3 CREDITS
 Prereq: C I 333 OR TEACHER LICENSURE
 6118005 1 T 4:30-7:00PM
 MEETS: JAN 10-MAY 6

PSYCHOPHNL&BEH DEVI PSYCH 561 3 CREDITS
 Prereq: 460
 6129005 TR 11:00-12:20 SCOTT N
 MEETS: JAN 10-MAY 6

PERSONALITY ASEMNT PSYCH 562 3 CREDITS
 Prereq: 360, 440, 542, STAT 401, ADMISSION TO THE
 PH D PROGRAM IN COUNSELING PSYCHOLOGY
 6130005 A R 12:10-3:00 KONAR A
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$75.00

SPCL TOP COUNSELING PSYCH 590A VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC COGNITIVE PSYCH 590Q VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS SOCIAL PSYCH 590R VAR. CREDITS
 Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GENERAL PSYCH 590Z VAR. CREDITS
 Prereq: 12 HOURS IN PSYCH, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COUNSELING PSYCH 592A 1- 3 CREDITS
 Prereq: 12 HOURS IN PSYCHOLOGY; ADMISSION INTO THE
 DOCTORAL PROGRAM IN COUNSELING PSYCHOLOGY
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 7324005 A T 2:10-5:00 WEI M
 MEETS: JAN 10-MAY 6

SEMINAR COGNITIVE PSYCH 592Q 1- 3 CREDITS
 Prereq: 12 HOURS IN PSYCHOLOGY
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 7350005 R 4:10-6:40PM WEBER B
 MEETS: JAN 10-MAY 6

QNT MTH CLUSTR ANLY PSYCH 594E 1 CREDIT
 Prereq: STAT 401; PSYCH 508, 586, OR EQUIVALENT
 9143005 TR 3:40-5:00 ARMSTRONG P
 MEETS: FEB 15-MARCH 24

INTERNSHIP IN PSYCH PSYCH 597 R CREDIT
 Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF
 INSTRUCTOR
 7659005 ARRANGED
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT PSYCH 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VOCATIONAL BEHAVIOR PSYCH 623 3 CREDITS
 Prereq: 3 COURSES IN PSYCH AND ADMISSION TO
 THE PH.D. PROGRAM IN COUNSELING PSYCHOLOGY
 6152005 A W 2:10-5:00 BECKER M
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$75.00

PSYCHOLOGY

(CONTINUED)

TEACHING OF PSYCH PSYCH 633 3 CREDITS
 Prereq: ENROLLMENT IN DOCTORAL DEGREE PROGRAM IN
 PSYCH, COMPLETION OF AT LEAST ONE YEAR OF GRAD
 STUDY, PERMISSION OF INSTRUCTOR
 6156005 W 9:00-11:40 BONETT R
 MEETS: JAN 10-MAY 6

PRACTICUM COUNSELING PSYCH 691A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT INTMD COUNSEL PSYCH 691B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT GROUP COUNSEL PSYCH 691E VAR. CREDITS
 Prereq: 626, 691A, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT ADV COUNSELNG PSYCH 691F VAR. CREDITS
 Prereq: 691A, PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 2 CREDIT SPRING 2011
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING PSYCH 691T VAR. CREDITS
 Prereq: 633, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEMNR COGNITV PSYCH 692Q 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2011.
 7667005 W 12:10-1:00
 MEETS: JAN 10-MAY 6

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 3 CREDITS SPRING 2011.
 9085005 ARRANGED
 MEETS: JAN 10-MAY 6

INTERN COUNSELING PSYCH 697 R CREDIT
 Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH
 PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN
 6182005 ARRANGED
 MEETS: JAN 10-MAY 6

RESEARCH PSYCH 699 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RELIGIOUS STUDIES

INTRO WRLD RELIGION RELIG 205 3 CREDITS
 Note: Meets international perspectives reqmt
 6109005 A MWF 11:00-11:50 NORTHWAY E
 MEETS: JAN 10-MAY 6

6109010 B TR 9:30-10:50 CHASE C
 MEETS: JAN 10-MAY 6

6109015 C TR 11:00-12:20 CHASE C
 MEETS: JAN 10-MAY 6

6109020 D TR 2:10-3:30 DEW S
 MEETS: JAN 10-MAY 6

6109025 E TR 12:40-2:00 DEW S
 MEETS: JAN 10-MAY 6

RELIGION IN AMERICA RELIG 210 3 CREDITS
 Note: Meets U.S. diversity reqmt
 6188005 A MWF 12:10-1:00 NORTHWAY E
 MEETS: JAN 10-MAY 6

6188010 B MWF 9:00-9:50 ESLINGER B
 MEETS: JAN 10-MAY 6

6188015 C MWF 10:00-10:50 ESLINGER B
 MEETS: JAN 10-MAY 6

6188020 D MWF 12:10-1:00 ESLINGER B
 MEETS: JAN 10-MAY 6

NEW TESTAMENT RELIG 322 3 CREDITS
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 6195005 MWF 3:10-4:00 AVALOS H
 MEETS: JAN 10-MAY 6

SCIENCE & RELIGION RELIG 323 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets international perspectives reqmt
 6196005 TR 11:00-12:20 WILSON D
 MEETS: JAN 10-MAY 6

CHRISTIANITY&SCIENC RELIG 324X 3 CREDITS
 Prereq: 205 OR 210; BIOL 101 OR 173 (OR HIGHER)
 Note: Available for nonmajor graduate credit
 2458005 TR 12:40-2:00 CLIFFORD A
 MEETS: JAN 10-MAY 6

RELIGIOUS STUDIES

(CONTINUED)

RESEARCH & EVALUATION

AFRI AMER RELIG EXP RELIG 334 3 CREDITS
 Prereq: PRIOR COURSE WORK IN RELIG OR AF AM REQ'D
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 8636005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

MAGIC,WITHC,&RELIG RELIG 340 3 CREDITS
 Prereq: ANTHR 201 OR 306
 Note: Meets international perspectives reqmt
 6198005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

R&U.S. LATINO/A LIT RELIG 342 3 CREDITS
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 5340005 A M 4:10-6:40PM AVALOS H
 MEETS: JAN 10-MAY 6

PSYCHOL OF RELIGION RELIG 348 3 CREDITS
 Prereq: NINE CREDITS IN PSYCHOLOGY
 7036005 A1 TR 9:30-10:50 WADE N
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY.
 7036010 A2 TR 9:30-10:50 WADE N
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH.

RELIG TRADITN INDIA RELIG 352 3 CREDITS
 Prereq: PRIOR CRSE WORK IN ASIAN, ASIAN-AMERICAN
 OR RELIGIOUS STUDIES OR ANTHROPOLOGY REQUIRED
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 1436005 TR 11:00-12:20 DEW S
 MEETS: JAN 10-MAY 6

INTRODUCTN TO ISLAM RELIG 358 3 CREDITS
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3332005 TR 11:00-12:30 QU H
 MEETS: JAN 10-MAY 6

CATHLIC SOC THOUGHT RELIG 380 3 CREDITS
 Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 Available for nonmajor graduate credit
 8994005 TR 9:30-10:50 CLIFFORD A
 MEETS: JAN 10-MAY 6

THEORY&METHD R STDI RELIG 385 3 CREDITS
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES OR
 PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 6259005 MWF 3:10-4:00 NORTHWAY E
 MEETS: JAN 10-MAY 6

SEM:ISS STUDY RELIG RELIG 475 3 CREDITS
 Prereq: 6 CREDITS IN RELIGIOUS STUDIES
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.
 6204005 T 1:10-3:30 QU H
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY RELIG 490 1- 3 CREDITS
 Prereq: 6 CR IN RELIGIOUS STUDIES, PERMISSION
 OF INSTRUCTOR, APPROVAL OF PROF IN CHARGE OF PROGRAM
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS RELIG 490H 1- 3 CREDITS
 Prereq: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR,
 APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 Instructor permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PEACE&JUSTIC INTERN RELIG 499 1- 6 CREDITS
 Prereq: 3 CREDITS IN RELIGIOUS STUDIES,
 PERMISSION OF FACULTY INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.
 7740005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

SPL TOP RELIG STUDI RELIG 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG
 3617005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

INTRO EDUC RESEARCH RESEV 550 3 CREDITS
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 6211005 1 M 5:30-8:20PM
 MEETS: JAN 10-MAY 6

6211605 XA WS 9:00-9:30PM MARSHALL J
 MEETS: JAN 19-MARCH 9
 Note: WEDNESDAY CLASSES WILL BE HELD FROM 5:30-9:30 PM
 AND SATURDAY FROM 9:00 AM-3:00 PM.
 Section XA is off campus
 Course delivery is On-site instruction
 Secondary delivery is WWW
 Delivery fee \$50.00
 Taught at, in or by ANKENY

6211615 XJ ARRANGED NASH J
 MEETS: MARCH 9-MAY 4
 Note: Section XJ is off campus
 Course delivery is WWW
 Delivery fee \$50.00

6211610 XV ARRANGED NASH J
 MEETS: MARCH 9-MAY 4
 Note: Section XV is off campus
 Course delivery is WWW
 Delivery fee \$50.00

6211600 XW R 5:30-8:20PM SMITH R
 MEETS: JAN 13-MAY 5
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

INTMED EDUC STATIST RESEV 553 3 CREDITS
 Prereq: 552 OR EQUIVALENT
 Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
 MUST CONTACT DEPARTMENT AT 294-1241.
 7684005 1 M 5:00-8:00PM
 MEETS: JAN 10-MAY 6

7684600 XA RF 9:00-5:00 STAROBIN S
 MEETS: MARCH 10-APRIL 29
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Delivery fee \$50.00
 Taught at, in or by AMES

7684605 XW M 5:10-8:00PM MCGILL M
 MEETS: JAN 10-MAY 2
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$50.00

SPECIAL TOPICS RESEV 590 1- 3 CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESS&EVAL RESEV 597 3 CREDITS
 Prereq: 550
 Note: COURSE RESTRICTED TO COLLEGE OF HUMAN SCIENCES
 GRADUATE STUDENTS.
 6218005 1 R 6:10-9:00PM
 MEETS: JAN 10-MAY 6

6218010 2 M 5:30-8:20PM
 MEETS: JAN 10-MAY 6

6218600 XA RF 9:00-5:00 DRAKE S
 MEETS: MARCH 10-APRIL 1
 Note: Section XA is off campus
 Course delivery is On-site instruction
 Secondary delivery is WWW
 Delivery fee \$50.00

CRIT ISS INTERP MTH RESEV 680 3 CREDITS
 Prereq: 580
 4564015 C W 2:10-5:00
 MEETS: JAN 10-MAY 6

ADV SPECIAL TOPICS RESEV 690 1- 3 CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RESEV 699 VAR. CREDITS
 Prereq: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN

ELEM RUSSIAN II RUS 102 4 CREDITS
 Prereq: 101
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL RUS MAY NOT ENROLL IN 102. STUDENTS WHO HAVE
 COMPLETED MORE THAN 1 YR BUT LESS THAN 3 YRS OF H.S.
 RUSSIAN ARE REQUIRED TO TAKE 1ST YEAR TESTOUT EXAM.
 Meets international perspectives reqmt
 6226005 1 MTWR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6226010 2 MTWR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

RUSSIAN (CONTINUED)

INTERMED RUSSIAN II RUS 202 4 CREDITS
 Prereq: 201
 Note: TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 Meets international perspectives reqmt
 6229005 1 MTWR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

TOPCS RUSSIA,E EURO RUS 375 3 CREDITS
 Note: TOPIC: RUSSIA TODAY
 Meets international perspectives reqmt
 7072005 1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INDEPENDENT STUDY RUS 490 1- 6 CREDITS
 Prereq: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 9 CREDITS IN RUS 490 MAY BE
 APPLIED TOWARD GRADUATION
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN INTERNSHIP RUS 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL;
 PERMISSION OF ADVISER AND WORLD LANGUAGES AND
 CULTURES INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS IN RUS 499 MAY BE
 APPLIED TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED TECHNOLOGY AND BUSINESS

SEED HEALTH MANAGMT STB 592 2 CREDITS
 Prereq: ADMISSION TO THE GRAD PROGRAM IN STB OR
 CONSENT OF INSTRUCTOR
 Note: CREDIT FOR EITHER PL P 494/594 OR STB/PL P 592,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 7975600 XW ARRANGED MUNKVOLD G
 MEETS: JAN 10-MAY 6
 Section XW is off campus
 Course delivery is WWW
 Secondary delivery is CD
 Delivery fee \$594.00
 Tuition Category: Seed Tech & Bus
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>

SOCIOLOGY

SOCIOLOGY ORIENTATN SOC 115 R CREDIT
 Satisfactory-Fail Only.
 6345005 A MW 9:00-9:50
 MEETS: JAN 10-MARCH 4

RURAL INSTIT&ORGANZ SOC 130 3 CREDITS
 Note: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6319005 1 TR 8:00-9:20
 MEETS: JAN 10-MAY 6

INTRO TO SOCIOLOGY SOC 134 3 CREDITS
 Note: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 Night exams scheduled. For dates go to
<http://www.iastate.edu/~registrar/exams/nitexam.html>.
 6346005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 6346010 2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 6346015 3 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 6346600 XW ARRANGED KRIER D
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

INTIMATE RELATNSHIP SOC 219 3 CREDITS
 Prereq: 130 OR 134
 6349005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 6349010 B TR 11:00-12:20
 MEETS: JAN 10-MAY 6

GLOBLIZTN &SUSTAINB SOC 220X 3 CREDITS
 Note: Meets international perspectives reqmt
 3847005 1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 3847010 2 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 3847015 3 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

SOCIOLOGY (CONTINUED)

SOCIAL PROBLEMS SOC 235 3 CREDITS
 Prereq: 130 OR 134
 Note: Meets U.S. diversity reqmt
 6347005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

ADV RESEARCH METHDS SOC 302 3 CREDITS
 Prereq: 202; STAT 101; SOCIOLOGY OR PSA MAJOR
 Note: COURSE RESTRICTED TO SOC, P S A, CJ ST MAJORS
 STUDENTS WHO HAVE PREVIOUSLY TAKEN SOC 202 WILL NOT
 RECIEVE CREDIT FOR SOC 302.
 6354005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 6354010 B TR 2:10-3:30
 MEETS: JAN 10-MAY 6

SOC PSYCH:SOC PERSP SOC 305 3 CREDITS
 Prereq: 130 OR 134
 Note: SEC A1,B1 RESTRICTED TO SOC, P S A MAJORS
 ONLY. SEC A2,B2 FOR ALL OTHER MAJORS.
 6355005 A1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 6355010 A2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 6355015 B1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 6355020 B2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

COMMUNITY SOC 310 3 CREDITS
 Prereq: 130 OR 134
 6321005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6

TRANSITION IN AGRIC SOC 325 3 CREDITS
 Prereq: 130 OR 134 OR PERMISSION OF INSTRUCTOR
 6322005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

SEX&GENDER IN SOCIE SOC 327 3 CREDITS
 Prereq: 130 OR 134
 Note: SEC A1,B1 RESTRICTED TO SOC, P S A, W S.
 SEC A2,B2 FOR MAJORS OTHER THAN SOC, P S A, W S.
 Meets U.S. diversity reqmt
 6356005 A1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 6356010 A2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 6356015 B1 T 4:10-7:00PM
 MEETS: JAN 10-MAY 6
 6356020 B2 T 4:10-7:00PM
 MEETS: JAN 10-MAY 6

MASCULINIT &MANHOOD SOC 328 3 CREDITS
 Prereq: 130, 134, OR W S 201
 Note: Meets U.S. diversity reqmt
 2242005 A1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY
 2242010 A2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN SOC, P S A

ETHNIC&RACE RELATNS SOC 330 3 CREDITS
 Prereq: 130 OR 134
 Note: SEC A1, B1 RESTRICTED TO SOC, P S A MAJORS ONLY.
 SEC A2, B2 FOR MAJORS OTHER THAN SOC, P S A.
 Meets U.S. diversity reqmt
 6352005 A1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 6352010 A2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 6352015 B1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 6352020 B2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

SOC CLASS & INEQUAL SOC 331 3 CREDITS
 Prereq: 130 OR 134
 Note: SEC A1,B1,C1 RESTRICTED TO SOC, P S A MAJORS ONLY
 SEC A2,B2,C2 FOR MAJORS OTHER THAN SOC, P S A.
 Meets U.S. diversity reqmt
 6357005 A1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 6357010 A2 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 6357015 B1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 6357020 B2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

LATINO EXP IN U.S. SOC 332 3 CREDITS
 Prereq: 130 OR 134
 Note: Meets U.S. diversity reqmt
 1669005 A TR 3:40-5:00
 MEETS: JAN 10-MAY 6

SOCIOLOGY (CONTINUED)

DEVIANT & CRIM BEHAV SOC 340 3 CREDITS
 Prereq: 130 OR 134
 6358005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

CRIMINOLOGY SOC 341 3 CREDITS
 Prereq: 130 OR 134
 4718005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

POLICE AND SOCIETY SOC 351 3 CREDITS
 Prereq: 241 OR CJ ST 240
 7743005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

PNISH, CORECTN & SOCIE SOC 352 3 CREDITS
 Prereq: 241 OR CJ ST 240
 7760005 A TR 3:40-5:00
 MEETS: JAN 10-MAY 6

SOCIOLOGY OF WORK SOC 380 3 CREDITS
 Prereq: 130 OR 134
 Note: SEC A1, B1 RESTRICTED TO SOC MAJORS.
 SEC A2, B2 RESTRICTED TO MAJORS OTHER THAN SOC.
 SEC A3, B3 RESTRICTED TO PSA MAJORS.
 6362005 A1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 6362010 A2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 6362015 A3 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 6362020 B1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 6362025 B2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 6362035 B3 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 6362040 C1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 6362045 C2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 6362050 C3 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

SMALL GROUP BEHAVR SOC 381 3 CREDITS
 Prereq: SOC 305 OR PSYCH 280
 6363005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6

ENVIRONMENTL SOCIOL SOC 382 3 CREDITS
 Prereq: 130, 134 OR 3 CREDITS OF ENV S
 7713005 A1 T 6:00-9:00PM
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO SOC, P S A MAJORS ONLY
 7713010 A2 T 6:00-9:00PM
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN SOC, P S A

CONTEM SOC THEORIES SOC 401 3 CREDITS
 Prereq: 9 CREDITS IN SOC
 Note: Available for nonmajor graduate credit
 6365005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

WHITE-COLLAR CRIME SOC 402 3 CREDITS
 Prereq: 241 OR CJ ST 240
 8478005 A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

SOC CHNGE DEV CNTRI SOC 411 3 CREDITS
 Prereq: 130 OR 134 PLUS 3 CR IN SOC SCIENCES
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 6323005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6

SOC OF TECHNOLOGY SOC 415 3 CREDITS
 Prereq: 130 OR 134 PLUS 3 CR IN SOCIAL SCIENCES
 Note: CREDIT FOR EITHER SOC 415 OR SOC 515, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit
 6324005 A TR 2:10-3:30
 MEETS: JAN 10-MAY 6

CRIM & JUV JUST PRAC SOC 460 3-12 CREDITS
 Prereq: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST
 COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST MINOR
 Note: NO MORE THAN 12 CREDITS OF FIELD EXPERIENCE
 (SOC 454 & 460) MAY BE APPLIED TOWARD GRADUATION.
 NO CREDITS IN SOC 460 MAY BE USED TO SATISFY MINIMUM
 SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
 Satisfactory-Fail Only.
 6370005 ARRANGED
 MEETS: JAN 10-MAY 6

SOCIOLOGY (CONTINUED)

COMM ACTION & LDRSH SOC 464 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6327005 A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

TOPIC CRIM & JUV JUST SOC 484 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6374005 A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

SOC OF THE FAMILY SOC 485 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6375005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6

INDEP STUDY GEN SOC SOC 490A 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
 9 CREDITS OF SOC 490 TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC SOC 490B 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
 9 CREDITS OF SOC 490 TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS SOC 490H 1- 3 CREDITS
 Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR,
 MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
 APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
 THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
 STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
 9 CREDITS OF SOC 490 TOWARD GRADUATION. COURSE
 RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CLASSICL SOC THEORY SOC 506 3 CREDITS
 Prereq: 401 OR 505
 4924005 A M 2:10-5:00
 MEETS: JAN 10-MAY 6

INTERMED RES METHDS SOC 511 3 CREDITS
 Prereq: 302, STAT 401
 6379005 A1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC A1 FOR SOC MAJORS ONLY
 6379010 A2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN SOC

SEM SOC INEQU: RACE SOC 527A 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6388005 A MW 9:30-10:50
 MEETS: JAN 10-MAY 6

RACE, CLS, GNRD INEQU SOC 534 3 CREDITS
 Prereq: 6 CREDITS IN SOC
 6390005 A R 5:10-8:00PM
 MEETS: JAN 10-MAY 6

SEM CMUNTY STU URBN SOC 536A 3 CREDITS
 Prereq: 6 CREDITS IN SOCIOLOGY
 8635005 A F 1:10-4:00
 MEETS: JAN 10-MAY 6

SPCL TOPICS GEN SOC SOC 590A 1- 3 CREDITS
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS RURAL SOC SOC 590B 1- 3 CREDITS
 Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES GEN SOC SOC 599A 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RSRCH RURAL SOC 599B 1- 6 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONTEMP SOC THEORY SOC 607 3 CREDITS
 Prereq: 6 GRAD CREDITS IN SOC
 6413005 A1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A1 FOR SOC MAJORS ONLY
 6413010 A2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN SOC

SOCIOLOGY

(CONTINUED)

SEMNR SOC PSYCHOLGY SOC 698S 3 CREDITS
 5013005 A W 2:10-5:00
 MEETS: JAN 10-MAY 6

RESEARCH GENERL SOC SOC 699A 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC SOC 699B 1- 8 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE ENGINEERING

SOFTWR ENGR CAREERS S E 166 R CREDIT
 7290005 R 12:40-2:00
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN S E 298 R CREDIT
 Prereq: PERMISSION OF DEPT AND CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SFTWR ARCHITC&DSIGN S E 339 3 CREDITS
 Prereq: 319
 Note: Available for nonmajor graduate credit
 7259005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN S E 398 R CREDIT
 Prereq: 298, PERMISSION OF DEPT & CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOFTWARE TESTING S E 417 3 CREDITS
 Prereq: COM S 309, 319
 Note: Available for nonmajor graduate credit
 7221005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY S E 490 VAR. CREDITS
 Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESIGN PROJECT I S E 491 3 CREDITS
 Prereq: 329, COMPLETION OF 29 CREDITS IN THE S E
 CORE PROFESSIONAL PROGRAM, ENGL 314
 7366005 T 2:10-4:00 ARRANGED
 MEETS: JAN 10-MAY 6

SR DSIGN PROJECT II S E 492 2 CREDITS
 Prereq: 491
 7371005 R 2:10-3:00, ARRANGED
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN S E 498 R CREDIT
 Prereq: 398, PERMISSION OF DEPT & CAREER SERVICES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH

ACCEL SPNISH REVIEW SPAN 97 0 CREDITS
 Prereq: TWO YEARS BUT LESS THAN THREE YEARS OF
 HIGH-SCHOOL SPANISH
 Note: DEVELOPMENTAL MATH FEE APPLIES. SEE
 HTTP://WWW.PUBLIC.IASTATE.EDU/~REGISTRAR/FEES/
 OTHFEE.SHTML FOR MORE INFORMATION ON THIS FEE.
 8246005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

8246010 2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

ELEM SPANISH II SPAN 102 4 CREDITS
 Prereq: 101, 97 OR PLACEMENT BY DEPARTMENTAL EXAM
 Note: STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL SPAN MAY NOT ENROLL IN 102.
 Meets international perspectives reqmt
 6474005 1 MTWR 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1 HYBRID FORMAT
 Materials and equipment use fee \$25.00

6474010 2 MTWR 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 2: HYBRID FORMAT
 Materials and equipment use fee \$25.00

6474015 3 MTWR 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6474020 4 MTWR 8:00-8:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INTERMED SPANISH II SPAN 202 4 CREDITS
 Prereq: 201 OR PLACEMENT BY DEPARTMENTAL EXAM
 Note: Meets international perspectives reqmt
 6478005 1 TWR 9:00-9:50
 M 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1: HYBRID FORMAT
 Materials and equipment use fee \$25.00

6478010 2 TWR 10:00-10:50
 M 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 2 HYBRID FORMAT
 Materials and equipment use fee \$25.00

6478015 3 TWR 11:00-11:50
 M 11:00-11:50
 MEETS: JAN 10-MAY 6

SPANISH

(CONTINUED)

INTERMED SPANISH II SPAN 202 4 CREDITS
 Note: Materials and equipment use fee \$25.00
 6478020 4 TWR 1:10-2:00
 M 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6478025 5 TWR 2:10-3:00
 M 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6478030 6 TWR 3:10-4:00
 M 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INTSVE INTRMED SPAN SPAN 297X 4 CREDITS
 Prereq: FOUR YEARS OF HIGH SCHOOL SPANISH, TWO
 YEARS OF SPANISH AT A COMMUNITY COLLEGE, 201 OR
 EQUIVALENT BY PLACEMENT
 9101005 1 MTWR 11:00-11:50
 MEETS: JAN 10-MAY 6

GRAMMAR & COMPOSITN SPAN 301 3 CREDITS
 Prereq: 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 Note: SEC. 1A,2A,ETC RESTRICTED TO SPAN MAJORS ONLY.
 SEC. 1B,2B,ETC FOR MAJORS OTHER THAN SPAN.
 Meets international perspectives reqmt
 6479005 1A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6479010 1B TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6479015 2A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6479020 2B MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6479025 3A MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6479030 3B MWF 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6479035 4A TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6479040 4B TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6479045 5A MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6479050 5B MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

CONVERS THRU CULTUR SPAN 303A 3 CREDITS
 Prereq: 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 Note: SEC. 1A, 2A RESTRICTED TO SPAN MAJORS ONLY.
 SEC. 1B, 2B FOR MAJORS OTHER THAN SPAN.
 Meets international perspectives reqmt
 6142005 1A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6142010 1B TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6142015 2A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6142020 2B TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

CONVERS FOR PROFSNL SPAN 303B 3 CREDITS
 Prereq: 202 OR PLACEMENT BY DEPARTMENTAL EXAM
 Note: SEC. 1A,2A RESTRICTED TO SPAN MAJORS ONLY.
 SEC. 1B,2B FOR MAJORS OTHER THAN SPAN.
 Meets international perspectives reqmt
 6160005 1A MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6160010 1B MWF 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6160015 2A MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6160020 2B MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

SPAN FOR BUSINS&PRO SPAN 304 3 CREDITS
 Prereq: 202 OR PLACEMENT BY DEPARTMENTAL EXAM;
 301 RECOMMENDED
 Note: SEC. 1A ECT. RESTRICTED TO SPAN MAJORS ONLY.
 SEC. 1B ETC. FOR MAJORS OTHER THAN SPAN.
 Meets international perspectives reqmt
 Available for nonmajor graduate credit
 6482005 1A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

6482010 1B TR 9:30-10:50
 MEETS: JAN 10-MAY 6

SPANISH (CONTINUED)

SPAN FOR BUSINS&PRO SPAN 304 3 CREDITS
 Note: Materials and equipment use fee \$25.00

INTRO READ HISPANIC SPAN 314 3 CREDITS
 Prereq: 301
 Note: Meets international perspectives reqmt
 8894005 1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00
 8894010 2 TR 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

LATIN AMER CIVILIZA SPAN 322 3 CREDITS
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL
 Note: Meets international perspectives reqmt
 6484005 1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

SPAIN TODAY SPAN 323 3 CREDITS
 Prereq: ONE SPAN COURSE AT THE 300 LEVEL
 Note: Meets international perspectives reqmt
 4047005 1 MW 3:10-4:30
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

STU SPN LIT TO 1700 SPAN 330 3 CREDITS
 Prereq: 314
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 6485005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INTR SPAN/ENG TRNSL SPAN 351 3 CREDITS
 Prereq: 301, 303 OR 304
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 5071005 1 TR 2:10-3:25
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Materials and equipment use fee \$25.00

INTR SPANSH PHONOLG SPAN 352 3 CREDITS
 Prereq: 301, 303 OR 304
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 3382005 1 ARRANGED LEONARD K
 MEETS: JAN 10-MAY 6
 Note: Course delivery is WWW
 Materials and equipment use fee \$25.00
 Section info: <http://lasonline.iastate.edu/span352>
 3382600 XW ARRANGED LEONARD K
 MEETS: JAN 10-MAY 6
 Note: PLEASE CONTACT KATHY LEONARD (KLEONARD@IASTATE)
 FOR PERMISSION TO REGISTER.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00
 Section info: <http://lasonline.iastate.edu/span352>

SEM LIT&CULTR SPAIN SPAN 440 3 CREDITS
 Prereq: 330,331,332, OR 333 (RECOMMEND 330 & 331)
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 7688005 1 MWF 12:10-1:00 GASTA C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

SEM LIT&CUL LATN AM SPAN 445 3 CREDITS
 Prereq: 330,331,332, OR 333 (RECOMMEND 332 & 333)
 Note: TOPIC: LATIN AMERICAN SCIENCE FICTION
 Meets international perspectives reqmt
 Available for nonmajor graduate credit
 6496005 1A TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO SPAN MAJORS ONLY.
 Materials and equipment use fee \$25.00
 6496010 1B TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: SECT 1B FOR MAJORS OTHER THAN SPAN.
 Materials and equipment use fee \$25.00

INDEPENDENT STUDY SPAN 490 1- 6 CREDITS
 Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
 Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE APPLIED
 TOWARD GRADUATION.
 Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1- 3 CREDITS
 Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN
 OF ADVISER AND WORLD LANGUAGES AND CULTURES
 INTERNSHIP COORDINATOR
 Note: NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE
 APPLIED TOWARD GRADUATION IN THE MAJOR
 Department permission required.
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH (CONTINUED)

SEM LIT&CULTR SPAIN SPAN 540 3 CREDITS
 Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT
 400 LEVEL
 7467005 1 MWF 12:10-1:00 GASTA C
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

SEM LIT&CUL LATN AM SPAN 545 3 CREDITS
 Prereq: 6 CREDITS IN SPANISH LIT OR CULTURE AT
 400 LEVEL
 7468005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CREDITS
 Prereq: 204
 Note: Meets U.S. diversity reqmt
 Department permission required 1st week.
 6452005 1 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

AESS INCLUSV CLSRM SP ED 355 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT IN 455; C I 433,
 438,439,468G
 Note: CONCURRENT ENROLLMENT IN C I 433, 439, 468G,
 SP ED 455. REGISTER FOR THE SAME SECTION NUMBERS.
 4385005 1 MW 8:00-9:15
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 14-MARCH 9

CLSRM ASSESTM SP ED SP ED 365 3 CREDITS
 Prereq: 330
 Note: Department permission required 1st week.
 6454005 1 W 2:10-5:00
 MEETS: JAN 10-MAY 6

TCHG IN INCLUSV SET SP ED 368 1 CREDIT
 Prereq: CONCURRENT ENROLLMENT IN C I 377, 468F
 Note: CONCURRENT ENROLLMENT IN C I 377
 4085005 W 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS MARCH 23-APRIL 13

SUPV STUDENT TEACHG SP ED 416 VAR. CREDITS
 Prereq: FULL ADMISSION TO TEACHER EDUC, SENIOR
 CLASSIFICATION, STUDENT IN EL ED SECTION, 330,365,
 436,439,457; C I 280,478. RESERVATION REQUIRED
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 Department permission required 1st week.
 3286005 1A ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$615.00
 3286015 1R ARRANGED
 MEETS: JAN 10-MARCH 4
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$615.00
 3286010 2A ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$615.00
 3286020 2R ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: Professional support, field trips &/or
 travel fee \$20.50-\$615.00

INST MTHD M/MO DSAB SP ED 436 3 CREDITS
 Prereq: 245, CONCURRENT ENROLLMENT IN 365
 1884005 M 2:10-5:00
 MEETS: JAN 10-MAY 6

TCH EXCEP SCDY CLRM SP ED 450 3 CREDITS
 5059005 1 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INSTR MTH INCLU PRI SP ED 455 2 CREDITS
 Prereq: CONCURRENT ENROLLMENT 355; C I 433, 438,
 439, 468G, 468I
 6848005 1 MW 9:30-10:45
 MEETS: JAN 10-MAY 6
 Note: NO MEETINGS FEB 14-MARCH 9

INDEPENDENT STUDY SP ED 490 1- 5 CREDITS
 Prereq: 12 CR IN EL ED, PERMISSION OF DEPT CHAIR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FND BEHAV DIS&LRN D SP ED 511 3 CREDITS
 8694005 W 5:10-8:00PM
 ARRANGED
 MEETS: JAN 10-MAY 6
 8694600 XE W 5:10-8:00PM CARLSON P
 MEETS: JAN 12-MAY 4
 Note: Section XE is off campus
 Course delivery is Videostreaming
 Secondary delivery is On-site instruction
 Delivery fee \$50.00

SPECIAL EDUCATION (CONTINUED)

SPECIAL TOPICS SP ED 590 1- 5 CREDITS
 Prereq: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP DISABLT,K-6 SP ED 591G 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP DISABL,7-12 SP ED 591H 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP BHV/DIS,K12 SP ED 591K 1- 6 CREDITS
 Prereq: 15 GRAD CREDITS IN SPECIAL AREA;
 ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1- 5 CREDITS
 Prereq: 15 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR SP ED 615 1 CREDIT
 8497005 ARRANGED
 MEETS: JAN 10-MAY 6

RESEARCH SP ED 699 VAR. CREDITS
 Prereq: 15 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION (CONTINUED)

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 8643095 16 MWF 1:10-2:00
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

8643100 17 MWF 11:00-11:50
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

8643015 18 MWF 11:00-11:50
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

8643110 19 MWF 12:10-1:00
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

8643115 20 MWF 12:10-1:00
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

8643120 21 MWF 1:10-2:00
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

8643125 22 MWF 1:10-2:00
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

8643130 23 MWF 3:10-4:00
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

SPEECH COMMUNICATION

LISTENING SP CM 110 3 CREDITS
 6418005 A MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

FUND PUBLIC SPEAKNG SP CM 212 3 CREDITS
 Note: ATTEND LECTURE THE FIRST DAY-LECTURE IS THE
 SECOND MEETING TIME AND LOCATION LISTED ON SCHEDULE.
 CLASS MEETS 3 HOURS EACH WEEK. LECTURE & DISCUSSION
 MEET ON ALTERNATING SCHEDULE ANNOUNCED IN FIRST DAY
 OF LECTURE

8643020 1 MWF 8:00-8:50
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

8643025 2 MWF 9:00-9:50
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

8643030 3 MWF 10:00-10:50
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

8643035 4 MWF 10:00-10:50
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

8643040 5 MWF 11:00-11:50
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

8643045 6 MWF 12:10-1:00
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

8643050 7 MWF 12:10-1:00
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

8643055 8 MWF 1:10-2:00
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

8643060 9 MWF 1:10-2:00
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

8643065 10 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC 10 LECTURE & LAB MEET ON ALTERNATING DAY, SO
 IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC.,
 SECOND TIME LISTED.

8643070 11 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC 11 LECTURE & LAB MEET ON ALTERNATING DAY, SO
 IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC.,
 SECOND TIME LISTED.

8643075 12 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC 12 LECTURE & LAB MEET ON ALTERNATING DAY, SO
 IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC.,
 SECOND TIME LISTED.

8643080 13 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC 13 LECTURE & LAB MEET ON ALTERNATING DAY, SO
 IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC.,
 SECOND TIME LISTED.

8643085 14 MWF 2:10-3:00
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

Note: SEC 14 LECTURE & LAB MEET ON ALTERNATING DAY, SO
 IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC.,
 SECOND TIME LISTED.

8643090 15 MWF 9:00-9:50
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

Note: SEC 23 LECTURE & LAB MEET ON ALTERNATING DAY, SO
 IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC.,
 SECOND TIME LISTED.

8643135 24 MWF 3:10-4:00
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

Note: SEC 24 LECTURE & LAB MEET ON ALTERNATING DAY, SO
 IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC.,
 SECOND TIME LISTED.

8643140 25 MWF 3:10-4:00
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

Note: SEC 25 LECTURE & LAB MEET ON ALTERNATING DAY, SO
 IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC.,
 SECOND TIME LISTED.

8643145 26 MWF 3:10-4:00
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

Note: SEC 26 LECTURE & LAB MEET ON ALTERNATING DAY, SO
 IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC.,
 SECOND TIME LISTED.

8643150 27 MWF 3:10-4:00
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

Note: SEC 27 LECTURE & LAB MEET ON ALTERNATING DAY, SO
 IGNORE TIME CONFLICT. ON FIRST DAY ATTEND LEC.,
 SECOND TIME LISTED.

8643155 28 MWF 12:10-1:00
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

8643160 29 MWF 10:00-10:50
 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

8643165 30 MWF 1:10-2:00
 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

HONORS PUBLIC SPEAK SP CM 212H 3 CREDITS
 Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
 ONLY.

8819005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INTERCOLLEG DEBATE SP CM 223 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 6424005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

SPECIAL PROJECTS SP CM 290 1- 2 CREDITS
 Prereq: 3 CR IN SP CM; PERMISSN OF DEPT CHAIR
 Note: NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD
 THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN
 SP CM 290 MAY BE APPLIED TOWARD THE MINOR.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS&PRO SPEAKG SP CM 312 3 CREDITS
 Prereq: 212

6429005 A1 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

Note: SEC A1 RESTRICTED TO SP CM MAJORS ONLY.

6429010 A2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

Note: SEC A2 RESTRICTED TO MAJORS OTHER THAN
 SP CM

GENDER & COMMUNICTN SP CM 323 3 CREDITS
 Prereq: 212
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit

2640005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

2640010 B TR 2:10-3:30
 MEETS: JAN 10-MAY 6

SPEECH COMMUNICATION (CONTINUED)

NONVERBAL COMMUNIC SP CM 325 3 CREDITS
 Prereq: COMST 101 OR 102, 203, 301
 Note: COURSE RESTRICTED TO COMST MAJORS ONLY
 3196005 1 TR 9:30-10:50 SWEET D
 MEETS: JAN 10-MAY 6

PERSUASION SP CM 327 3 CREDITS
 Prereq: 212
 Note: SEC A1,B1 RESTRICTED TO SP CM MAJORS ONLY.
 SEC A2,B2 FOR MAJORS OTHER THAN SP CM.
 Available for nonmajor graduate credit
 6437005 A1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 6437010 A2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

RHETO ISSU IN CONTX SP CM 350 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 3005005 A1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 3005010 A2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: SEC. A2 FOR MAJORS OTHER THAN ENGL, TCOMM.

AMER PUBLIC ADDRESS SP CM 416 3 CREDITS
 Note: Available for nonmajor graduate credit
 6440005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY SP CM 490 1- 3 CREDITS
 Prereq: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATION,
 PERMISSION OF DEPT. CHAIR
 Note: NO CREDITS IN SP CM 490 MAY BE APPLIED TOWARD THE
 MINOR
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIRECT SPEECH ACTIV SP CM 495A 1 CREDIT
 Prereq: C I 301; 9 CR IN SP CM; MINIMUM GPA
 OF 2.5 IN SP CM COURSES
 6445005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

CAPSTONE SEMINAR SP CM 497 3 CREDITS
 Prereq: 15 CR IN SP CM; JR OR SR CLASSIFICATION
 Note: FOR IRC SENIORS ONLY
 8572005 MW 3:10-4:30
 MEETS: JAN 10-MAY 6

COMMUNIC INTERNSHIP SP CM 499 1- 3 CREDITS
 Prereq: 18 CR IN SP CM COURSES, OTHER COURSES
 ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR
 STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0
 IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE
 Note: NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD
 THE MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN
 SP CM 499 MAY BE APPLIED TOWARD THE MINOR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROSEM:TCH FUND SPK SP CM 513 1 CREDIT
 Prereq: REQUIRED OF NEW SP CM 212 T.A. APPOINTMNTS
 2093005 ARRANGED
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS SP CM 590 1- 4 CREDITS
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE
 MINIMUM CREDITS FOR THE MAJOR. NO CREDITS IN SP CM
 590 MAY BE APPLIED TOWARD THE MINOR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

STATISTICS (CONTINUED)

PRIN OF STATISTICS STAT 101 4 CREDITS
 6502035 G MWF 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6502040 H MWF 3:10-4:00
 R 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6502045 J MWF 2:10-3:00
 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6502050 K MWF 2:10-3:00
 T 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6502055 L MWF 1:10-2:00
 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: SECTION L RESTRICTED TO STAT, MATH MAJORS ONLY
 Instructor permission required 1st week.

6502060 M MWF 8:00-8:50
 R 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6502065 N MWF 8:00-8:50
 R 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

INTRO TO STATISTICS STAT 104 3 CREDITS
 Prereq: 1 & 1/2 YRS OF H S ALGEBRA
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
 STAT 105, STAT 226. COURSE NOT OPEN TO BUS COLLEGE
 MAJORS.
 Instructor permission required 1st week.

6503005 A TR 1:10-2:00
 F 12:10-2:00
 MEETS: JAN 10-MAY 6

6503010 B TR 2:10-3:00
 F 2:10-4:00
 MEETS: JAN 10-MAY 6

6503015 C TR 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 10-MAY 6

6503020 D TR 9:00-9:50
 F 10:00-11:50
 MEETS: JAN 10-MAY 6

INTRO STAT FOR ENGR STAT 105 3 CREDITS
 Prereq: MATH 165 (OR 165H)
 Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
 CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR
 ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD
 GRADUATION: STAT 101, STAT 104, STAT 105, STAT 226.

6504005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

6504010 B TR 8:00-9:20
 MEETS: JAN 10-MAY 6

INTR BUSINES STAT I STAT 226 3 CREDITS
 Prereq: MATH 150 OR 165
 Note: COURSE RESTRICTED TO ACCT, BUS S, BUSAD, BUS U,
 FIN, I BUS, LOMIS, MGMT, MIS, MKT, P BUS, ECON, AG B
 MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY
 BE APPLIED TOWARD GRADUATION: STAT 226, STAT 101,
 STAT 104, STAT 105

3975005 A TR 9:30-10:50
 MEETS: JAN 10-MAY 6

3975010 B TR 9:30-10:50
 MEETS: JAN 10-MAY 6

3975015 C TR 2:10-3:30
 MEETS: JAN 10-MAY 6

3975020 D TR 2:10-3:30
 MEETS: JAN 10-MAY 6

3975025 E TR 3:40-5:00
 MEETS: JAN 10-MAY 6

3975030 F TR 8:00-9:20
 MEETS: JAN 10-MAY 6

3975035 G TR 8:00-9:20
 MEETS: JAN 10-MAY 6

PROB&INFERNC, ENGRS STAT 231 4 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN MATH 265
 Note: Instructor permission required 1st week.

6507005 MTRF 12:10-1:00
 MEETS: JAN 10-MAY 6

ENGINEERING STAT STAT 305 3 CREDITS
 Prereq: MATH 165 (OR 165H)
 Note: CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. RESTRICTED
 TO COLLEGE OF ENGINEERING STUDENTS ONLY.

6509005 A TR 12:40-2:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6509010 B TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6509015 C TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

STATISTICS

PRIN OF STATISTICS STAT 101 4 CREDITS
 Prereq: ONE AND A HALF YRS OF H S ALGEBRA
 Note: COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
 STAT 105, STAT 226.

6502005 A MWF 9:00-9:50
 M 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6502010 B MWF 9:00-9:50
 M 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6502015 C MWF 10:00-10:50
 T 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6502020 D MWF 10:00-10:50
 T 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6502025 E MWF 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

6502030 F MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

STATISTICS (CONTINUED)

STATISTICS (CONTINUED)

ENGINEERING STAT STAT 305 3 CREDITS
 6509020 D TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

PROBAB MTH,ELEC ENG STAT 322 3 CREDITS
 Prereq: E E 224
 6857005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

INTR BUSINS STAT II STAT 326 3 CREDITS
 Prereq: 226
 Night exams scheduled. For dates go to
 http://www.iastate.edu/~registrar/exams/nitexam.html.

6510005 A MW 10:00-10:50
 R 4:10-6:00PM
 MEETS: JAN 10-MAY 6

6510010 B MW 10:00-10:50
 R 2:10-4:00
 MEETS: JAN 10-MAY 6

6510015 C MW 10:00-10:50
 R 12:10-2:00
 MEETS: JAN 10-MAY 6

6510020 D MW 10:00-10:50
 F 12:10-2:00
 MEETS: JAN 10-MAY 6

6510025 E MW 1:10-2:00
 F 10:00-11:50
 MEETS: JAN 10-MAY 6

6510030 F MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 10-MAY 6

6510035 G MW 1:10-2:00
 R 10:00-11:50
 MEETS: JAN 10-MAY 6

6510040 J MW 1:10-2:00
 F 8:00-9:50
 MEETS: JAN 10-MAY 6

PROBAB&STAT COM SCI STAT 330 3 CREDITS
 Prereq: MATH 166
 Note: Available for nonmajor graduate credit

7372005 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

INTR THY PROBAB&S I STAT 341 3 CREDITS
 Prereq: MATH 265 (OR 265H)
 Note: CREDIT FOR EITHER STAT/MATH 341 OR STAT 447,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

6511005 MWF 3:10-4:00
 MEETS: JAN 10-MAY 6

INTR THY PR&STAT II STAT 342 3 CREDITS
 Prereq: 341, MATH 307 OR 317

6512005 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

STAT QUALITY ASSURN STAT 361 3 CREDITS
 Prereq: 231 OR 401
 Note: Available for nonmajor graduate credit

6513005 A T 3:40-5:30, ARRANGED
 MEETS: JAN 10-MAY 6

Note: SEC A RESTRICTED TO I E MAJORS ONLY

6513010 B T 3:40-5:30, ARRANGED
 MEETS: JAN 10-MAY 6

Note: SEC B RESTRICTED TO MAJORS OTHER THAN I E

COOPERATIVE EDUCATN STAT 398 R CREDIT
 Prereq: PERMISSION OF DEPARTMENT CHAIR

1530005 ARRANGED
 MEETS: JAN 10-MAY 6

STAT METH FOR RSRCH STAT 401 4 CREDITS
 Prereq: 101 OR 104 OR 105 OR 226. GRAD STUDENTS
 WITHOUT AN EQUIV COURSE SHOULD CONTACT DEPT.
 Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: DIET 554, STAT 401,
 STAT 495, STAT 542
 Available for nonmajor graduate credit
 Instructor permission required 1st week.

6514005 A MWF 8:00-8:50
 T 12:10-2:00
 MEETS: JAN 10-MAY 6

Note: SEC A RESTRICTED TO AG COLLEGE AND VET COLLEGE
 MAJORS, A E, A B E, BCB, BIOL, BOT S, D EX, D EXH,
 DIETH, EEB, EEOB, EEOBS, FS H, FSHNH, GDCB, GDCBS,
 GENET, HHP, IMBIO, MCDB, NEURO, NS H, NUTR, P PHY,
 PDEXH, PLBIO, SUSAG, TOX, ZLGNS

6514010 B MWF 1:10-2:00
 T 2:10-4:00
 MEETS: JAN 10-MAY 6

Note: SEC. B RESTRICTED TO UNDERGRADS, ENGR
 GRADS CONTACT INSTRUCTOR.

6514015 C TR 11:00-12:20
 F 2:10-4:00
 MEETS: JAN 10-MAY 6

Note: SEC. C FOR SOCIAL SCIENCES, PSYCH AND HD FS
 MAJORS

6514020 D T 7:00-9:50PM
 R 7:00-8:50PM
 MEETS: JAN 10-MAY 6

Note: SEC. D RESTRICTED TO POL S, EDUC, HD FS, PSYCH,
 SOC, INTST, INDIS MAJORS

6514600 XW ARRANGED SHELLEY M
 MEETS: JAN 10-MAY 6
 Note: PLEASE CONTACT KEN KOEHLER (KOEHLER@IASTATE.EDU)

STAT METH FOR RSRCH STAT 401 4 CREDITS
 OR 515-294-4181) FOR PERMISSION TO REGISTER.
 Department permission required.
 Section XW is off campus
 Course delivery is WWV
 Delivery fee \$225.00

STAT DESIGN&EXPERMT STAT 402 3 CREDITS
 Prereq: 401
 Note: Available for nonmajor graduate credit

6515005 A MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

Note: SEC A RESTRICTED TO A E, A B E, EEOB, EEOBS,
 DIETH, FSHNH, FS H, GENET, IMBIO, NEURO, NUTR, MCDB,
 NEURO, ZLGNS, P PHY, PLBIO, AG COLLEGE AND VET
 COLLEGE MAJORS ONLY.

6515010 B MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

Note: SEC B FOR PHYS SCIENCES, MATH, ENGR,
 UNDERGRADS

6515015 C MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

Note: SEC C FOR HD FS, H SCI, POL S, PSYCH AND SOC
 MAJORS ONLY.

DSGN MICROARRAY EXP STAT 416 3 CREDITS
 Prereq: 401
 Note: Available for nonmajor graduate credit

8574005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

SURVEY SAMPL TECHNQ STAT 421 3 CREDITS
 Prereq: 231 OR 328 OR 401
 Note: Available for nonmajor graduate credit

6520005 TR 8:30-9:20
 R 12:10-2:00
 MEETS: JAN 10-MAY 6

STAT THEORY FOR RES STAT 447 4 CREDITS
 Prereq: MATH 151 AND INST PERMISSION, OR MATH 265
 Note: CREDIT FOR EITHER STAT/MATH 341 OR STAT 447,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 Available for nonmajor graduate credit

6523005 MTRF 3:10-4:00
 MEETS: JAN 10-MAY 6

APPLIED TIME SERIES STAT 451 3 CREDITS
 Prereq: 231 OR 328 OR 401
 Note: Available for nonmajor graduate credit
 Instructor permission required 1st week.

6524005 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

APL CATEG DATA ANLY STAT 457 3 CREDITS
 Prereq: 401 OR EQUIVALENT
 Note: Available for nonmajor graduate credit

1365005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

STAT COMPUTING APPL STAT 480 3 CREDITS
 Prereq: 231 OR 328 OR 401
 Note: Available for nonmajor graduate credit

6525005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY STAT 490 VAR. CREDITS
 Prereq: 10 CREDITS IN STATISTICS
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS STAT 490H VAR. CREDITS
 Prereq: 10 CR IN STAT, MEMBERSHIP IN HONORS PROG
 Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
 UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL STAT INDUST II STAT 496 3 CREDITS
 Prereq: 495
 Note: Available for nonmajor graduate credit

1419005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

MULTIVAR STAT METHD STAT 501 3 CREDITS
 Prereq: 500 OR 402; 447 OR 542; KNOWLEDGE OF
 MATRIX ALGEBRA

6530005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

EXPLOR MTH&DATA MIN STAT 503 3 CREDITS
 Prereq: 401, 341 OR 447

4077005 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

STATISTICS

(CONTINUED)

STATISTICS

(CONTINUED)

STATISTICAL METHODS STAT 511 3 CREDITS
 Prereq: 500 OR 402 OR 404; 447 OR 542 AND CURRENT ENROLLMENT IN 543; KNOWLEDGE OF MATRIX ALGEBRA
 6531005 A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 6531600 XW ARRANGED NETTLETON D
 MEETS: JAN 10-MAY 6
 Note: PLEASE CONTACT KEN KOEHLER (KOEHLER@IASTATE.EDU OR 515-294-4181) FOR PERMISSION TO REGISTER.
 Department permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00

DSGN MICROARRAY EXP STAT 516 3 CREDITS
 Prereq: 500; 447 OR 542
 8575005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

THY&APP SAMPLE SURV STAT 521 3 CREDITS
 Prereq: 401; 447 OR 542
 6535005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

QUAL CNTRL&ENG STAT STAT 531 3 CREDITS
 Prereq: 401; 342 OR 447
 6537005 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

RELIABILITY STAT 533 3 CREDITS
 Prereq: 342 OR 432 OR 447
 6538600 XW ARRANGED MEEKER W
 MEETS: JAN 10-MAY 6
 Note: PLEASE CONTACT KEN KOEHLER (KOEHLER@IASTATE.EDU OR 515-294-4181) FOR PERMISSION TO REGISTER.
 Department permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00

STAT MOLECUCLR GENET STAT 537 3 CREDITS
 Prereq: 401, 447; GEN 320 OR BIOL 313
 6542005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

THRY PROBAB&STAT II STAT 543 3 CREDITS
 Prereq: 542
 6547005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

BAYESIAN STATISTICS STAT 544 3 CREDITS
 Prereq: 543
 6548005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 6548600 XW TR 8:00-9:20 WILSON A
 MEETS: JAN 10-MAY 6
 Note: PLEASE CONTACT ALYSON WILSON (AGW@IASTATE.EDU OR 515-294-8679) FOR PERMISSION TO REGISTER. SYNCHRONOUS COURSE: CLASS TIMES ARE SCHEDULED WITH REQUIRED VIRTUAL ATTENDANCE.
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$225.00

ADV GENOME INFORMTC STAT 568 3 CREDITS
 Prereq: BCB 567, BBMB 301, BIOL 315, STAT 430, CREDIT OR ENROLLMENT IN GEN 411
 5070005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

COMP FUNC GENOM&BIO STAT 570 3 CREDITS
 Prereq: 567, BIOL 315, COM S 311, COM S 208 OR 228, GEN 411, STAT 430
 5074005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

STATISTCL COMPUTING STAT 580 3 CREDITS
 Prereq: 579 AND 447 OR 542
 6553005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

SPECL TOPICS THEORY STAT 590A VAR. CREDITS
 6554005 ARRANGED
 MEETS: JAN 10-MAY 6

SPCL TOPICS METHODS STAT 590B VAR. CREDITS
 6555005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP DESGN EXPER STAT 590C VAR. CREDITS
 6556005 ARRANGED
 MEETS: JAN 10-MAY 6

SPL TOP SAMP SURVEY STAT 590D VAR. CREDITS
 6557005 ARRANGED
 MEETS: JAN 10-MAY 6

COOPERATIVE EDUCATN STAT 598 R CREDIT
 Prereq: PERMISSION OF THE DEPARTMENT CHAIR
 4153002 ARRANGED
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT STAT 599 VAR. CREDITS
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MOD MLTVRT STT LRNG STAT 602X 3 CREDITS
 Prereq: 511, 543, 579
 9543005 TR 12:30-2:00
 MEETS: JAN 10-MAY 6

ADV THRY ST INFERNC STAT 643 4 CREDITS
 Prereq: 543, 642
 6566005 TR 2:10-3:30
 W 2:10-3:00
 MEETS: JAN 10-MAY 6

ADV STOCHAST PROCES STAT 645 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3767005 TR 11:00-12:20
 MEETS: JAN 10-MAY 6

SEMNAR THEORY S&PRB STAT 648 VAR. CREDITS
 Prereq: 643
 6569005 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

ADV SPL TOPC THEORY STAT 690A VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6851005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV SPL TOP METHODS STAT 690B VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6852005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOP DSGN EXPER STAT 690C VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6854005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOP SAMP SURVEY STAT 690D VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6855005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOP STAT COMPUT STAT 690E VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 1709005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOPICS GRAPHICS STAT 690F VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 3189005 ARRANGED
 MEETS: JAN 10-MAY 6

RESEARCH STAT 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS
SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 301X 3 CREDITS
 Prereq: ECON 101, STAT 226
 Note: SEC A1,B1 ETC, RESTRICTED TO ACCT, AG B, AST, BUS S, BUS U, BUSEC, I BUS, I TEC, FIN, LSCM, MKT, MGMT, MIS, OSCM, LSCM, SCM MAJORS ONLY. SEC. A2, B2 ETC FOR MAJORS OTHER THAN IN THE BUS COLLEGE, AG B, AST, I TEC. COURSE IS NOT OPEN TO GRADUATE STUDENTS WITHOUT PERMISSION FROM 1200 GERDIN.
 Night exams scheduled. For dates go to <http://www.iastate.edu/~registrar/exams/nitexam.html>.

1629005 A1 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

1629010 A2 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

1629015 B1 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

1629020 B2 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

1629025 C1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

1629030 C2 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6

1629035 D1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

1629040 D2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

1629045 E1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

1629050 E2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6

1629055 F1 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

1629060 F2 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

1629065 G1 M 6:10-9:00PM
 MEETS: JAN 10-MAY 6

1629070 G2 M 6:10-9:00PM
 MEETS: JAN 10-MAY 6

1629075 J1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

SUPPLY CHAIN MANAGEMENT (CONTINUED)

SUPPLY CHAIN MGMT SCM 301X 3 CREDITS
 1629080 J2 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 1629085 K1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 1629090 K2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

SUPPLY CHAIN MGMT SCM 501X 3 CREDITS
 Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL PERMISSION
 Note: RESTRICTED TO BUSAD GRADUATE STUDENTS ONLY
 9391005 A T 8:30-11:50 BLACKHURST J
 MEETS: JAN 11-APRIL 5

SUPPLY CHAIN DECISN SCM 520 3 CREDITS
 Prereq: 502 OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7184004 A R 6:00-9:20PM RUBEN R
 MEETS: JAN 13-APRIL 7

STRATG PRCESS ANALY SCM 524 3 CREDITS
 Prereq: SCM 502 OR PERMISSION OF INSTRUCTOR
 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8590005 A T 6:00-9:20PM JOHNSON D
 MEETS: JAN 11-APRIL 5

SPECIAL TOPICS SCM 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SMNR SUP CHN STRATG SCM 602 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 601
 Note: COURSE RESTRICTED TO BUSAD PHD
 8038005 A T 2:10-5:00
 MEETS: JAN 10-MAY 6

SEMNR LOGISTCS MGMT SCM 604 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 601
 Note: COURSE RESTRICTED TO BUSAD PHD
 8042005 A R 2:10-5:00
 MEETS: JAN 10-MAY 6

SUSTAINABLE AGRICULTURE

ORG DIVERSIFIED FARM SUSAG 546 3 CREDITS
 Prereq: 509
 7427005 TR 8:00-9:20
 MEETS: JAN 10-MAY 6
 Note: Professional support, field trips &/or travel fee \$40.00

SPECIAL TOPICS SUSAG 590 1- 3 CREDITS
 Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

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

SUSTAIN AG COLLOQU SUSAG 600 1 CREDIT
 5035005 W 3:10-5:00
 MEETS: JAN 10-MAY 6

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

TECHNOLOGY & SOCIAL CHANGE

GLOBLIZTN &SUSTAINB T SC 220X 3 CREDITS
 Note: Meets international perspectives reqmt
 3640005 1 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 3640010 2 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6
 3640015 3 MW 2:10-3:00
 F 2:10-3:00
 MEETS: JAN 10-MAY 6

WORLD FOOD ISSUES T SC 342 3 CREDITS
 Prereq: JUNIOR CLASSIFICATION
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 5256005 1 TR 11:00-12:20 ZDORKOWSKI G
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$0.00-\$15.00
 5256010 2 MWF 11:00-11:50 FORD C
 MEETS: JAN 10-MAY 6
 Note: SEC. 2 RESTRICTED FS A, FS H, DIETA, DIETH, NS A, AND NS H MAJORS ONLY.
 Professional support fee \$0.00-\$15.00
 5256015 3 TR 2:10-3:30 ZDORKOWSKI G
 MEETS: JAN 10-MAY 6
 Note: Professional support fee \$0.00-\$15.00
 5256020 4 MWF 1:10-2:00 FORD C
 MEETS: JAN 10-MAY 6
 Note: SEC. 4 RESTRICTED AGRON, DIETA, DIETH, FS A, FS H, NS A, NS H, PDEXA AND PDEXH MAJORS ONLY.
 Professional support fee \$0.00-\$15.00
 5256600 XW ARRANGED FORD C
 MEETS: JAN 10-MAY 6
 Note: CONTACT CLARK FORD FOR PERMISSION TO REGISTER AT 515-294-0343/CFORD@IASTATE.EDU.

TECHNOLOGY & SOCIAL CHANGE (CONTINUED)

WORLD FOOD ISSUES T SC 342 3 CREDITS
 Instructor permission required.
 Section XW is off campus
 Course delivery is WWW
 Delivery fee \$155.00
 Cmptr reqmt: http://www.agde.iastate.edu/support /comp.reqs.php

PHIL OF TECHNOLOGY T SC 343 3 CREDITS
 Prereq: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341 AND 3 CREDITS OF SOCIAL SCIENCE
 Note: Available for nonmajor graduate credit
 5211005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY T SC 490 VAR. CREDITS
 Prereq: 341, PERMISSION OF INSTRUCTR & T SC COORD
 Note: Permission of coordinator required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCH&SOC CHG T SC 590 VAR. CREDITS
 Prereq: 541, PERMISSN OF INSTRUCTOR & T SC COORD
 Note: Permission of coordinator required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT

EXPERNCING TECHNOL TSM 111 1 CREDIT
 Prereq: AST AND I TEC MAJORS ONLY OR PERMISSION OF INSTRUCTOR
 8507005 A M 10:00-11:50
 MEETS: JAN 10-MAY 6
 8507010 B W 10:00-11:50
 MEETS: JAN 10-MAY 6
 8507015 C F 10:00-11:50
 MEETS: JAN 10-MAY 6

DEV LEARNRS&LEADERS TSM 114 2 CREDITS
 8129005 1 W 9:00-10:50
 MEETS: JAN 10-MAY 6
 8129010 2 W 4:10-6:00PM
 MEETS: JAN 10-MAY 6

SOLV TECHNOL PROBLM TSM 115 3 CREDITS
 Prereq: CR OR ENROLLMENT IN MATH 140 OR HIGHER
 1358005 A MW 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: SEC A RESTRICTED TO AST, I TEC MAJORS ONLY.
 1358010 B TR 3:40-5:40
 MEETS: JAN 10-MAY 6
 Note: SEC B FOR MAJORS OTHER THAN AST, I TEC

INTR DSIGN IN TCNOL TSM 116 3 CREDITS
 Note: COURSE RESTRICTED TO AST, I TEC MAJORS ONLY.
 OTHERS MAY ADD WITH THE PERMISSION OF THE INSTRUCTOR
 4496005 A TR 10:00-11:50
 MEETS: JAN 10-MAY 6

ENTREPRN&INTERN SEM TSM 201 1 CREDIT
 Prereq: SOPHOMORE CLASSIF IN A E, AST OR I TEC
 1384005 A MW 4:10-5:00
 MEETS: JAN 10-MARCH 4

FUND OF TECHNOLOGY TSM 210 3 CREDITS
 Prereq: CR OR ENROLLMT IN 115 OR EQUIVALENT, MATH 140 OR HIGHER
 1359005 A1 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO A B E, AST AND I TEC MAJORS
 1359010 A2 TR 3:40-5:00
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN A B E, AST OR I TEC

ADV TECH GRPHCS&CAD TSM 216 3 CREDITS
 Prereq: 116
 4504005 A TR 12:40-2:30
 MEETS: JAN 10-MAY 6

INTRO MANUFACT PROC TSM 240 3 CREDITS
 6601005 A M 2:10-3:00
 WF 9:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$100.00
 6601010 B M 2:10-3:00
 WF 11:00-12:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$100.00

OCCUPAT SAFETY MGMT TSM 272 2 CREDITS
 5626005 T 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6
 5626600 XH ARRANGED FREEMAN S
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Permission of coordinator required.
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support /comp.reqs.php
 5626605 XW ARRANGED
 MEETS: JAN 10-MAY 6

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

OCCUPAT SAFETY MGMT TSM 272 2 CREDITS
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

TOTAL QUAL IMPROVMT TSM 310 3 CREDITS
 Prereq: STAT 101 OR 104, JUNIOR CLASSIFICATION
 9202005 A MW 12:10-1:00
 MEETS: JAN 10-MAY 6

PRESERV GRAIN QLT TSM 322 3 CREDITS
 Prereq: MATH 140 OR HIGHER
 1352005 A TR 11:00-11:50
 W 9:00-11:50
 MEETS: JAN 10-MAY 6
 1352010 B TR 11:00-11:50
 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 1352015 C TR 11:00-11:50
 T 3:10-6:00PM
 MEETS: JAN 10-MAY 6

FND PRSRV GRAIN QLT TSM 323X 2 CREDITS
 1113600 XH ARRANGED
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php
 1113605 XW ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$155.00
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

SOIL&WTR CONSRV MGT TSM 324 3 CREDITS
 Prereq: MATH 140 OR 160
 1345005 A MW 8:00-8:50
 T 12:10-1:30
 MEETS: JAN 10-MAY 6

AG MACHNRY &PWR MGT TSM 330 3 CREDITS
 Prereq: 210, MATH 142 OR 160
 Note: COURSE RESTRICTED TO AST MAJORS, MINORS MAY
 REQUEST A SIGNATURE TO ADD
 1347005 A MW 10:00-10:50
 W 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$110.00
 1347010 B MW 10:00-10:50
 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$110.00

FLUID PWR SYS TCNOL TSM 337 3 CREDITS
 Prereq: 210
 3335005 A MW 8:00-8:50
 T 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$112.00
 3335010 B MW 8:00-8:50
 T 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$112.00
 3335015 C MW 8:00-8:50
 T 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$112.00

ADV AUTOMA MFG PROC TSM 340 3 CREDITS
 Prereq: 216, 240
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY
 4522005 A MW 8:00-8:50
 R 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$112.00
 4522010 B MW 8:00-8:50
 F 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$112.00

ELECTR FOR AG&INDUS TSM 363 4 CREDITS
 Prereq: 210, PHYS 112
 Note: Available for nonmajor graduate credit
 6831005 A TR 8:00-9:20
 T 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$115.00
 6831010 B TR 8:00-9:20
 W 12:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$115.00
 6831015 C TR 8:00-9:20
 W 3:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$115.00

OCCUPATIONAL SAFETY TSM 370 3 CREDITS
 Prereq: 270, JUNIOR STANDING
 Note: Available for nonmajor graduate credit
 7282005 M 3:10-4:00, ARRANGED
 MEETS: JAN 10-MAY 6
 7282600 XH ARRANGED KEREN N
 MEETS: JAN 10-MAY 6
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Available for nonmajor graduate credit
 Section XH is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php
 7282605 XW ARRANGED KEREN N
 MEETS: JAN 10-MAY 6
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$105.00
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

AGRI SAFETY &HEALTH TSM 381X 3 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIFICATION
 9102600 XG ARRANGED
 MEETS: JAN 18-MAY 4
 Note: CONTACT LORI YOUNGBERG FOR PERMISSION TO REGISTER
 AT 515-294-7656/LYOUNG@IASTATE.EDU.
 Course delivery is WWW
 Section XG is off campus
 Course delivery is WWW
 Tuition Category: GPIDEA Consortium
 Cmptr reqmt: http://www.agde.iastate.edu/support
 /comp.reqs.php

TECHNOLGY INTERNSHP TSM 397 R CREDIT
 Prereq: AT LEAST 45 CREDITS OF COURSEWORK, IN AST
 OR I TEC MAJOR, INTERNSHIP COORDINATOR APPROVAL
 Satisfactory-Fail Only.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORK EXPRNCE TCHNOL TSM 399 2 CREDITS
 Prereq: 397 AND APPROVAL OF INSTRUCTOR
 Note: NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED
 TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.
 COURSE RESTRICTED TO TSM MAJORS & PERMISSION OF
 INSTRUCTOR REQUIRED PRIOR TO COMMENCING WORK
 EXPERIENCE.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTDISCIP PROB SOLV TSM 408 3 CREDITS
 Prereq: JUNIOR OR SENIOR STANDING
 Note: Available for nonmajor graduate credit
 5919005 A MW 9:00-11:50
 MEETS: JAN 10-MARCH 11

TECHNLGY CAPSTONE I TSM 415 2 CREDITS
 Prereq: SENIOR CLASSIFICATION
 6830005 M 2:10-3:00
 F 8:00-9:50
 MEETS: JAN 10-MAY 6

TECHNOL CAPSTONE II TSM 416 2 CREDITS
 Prereq: 415
 7031005 M 9:00-9:50, ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$30.00

CELLULR LEAN MFG SY TSM 440 3 CREDITS
 Prereq: 310, 340
 Note: COURSE RESTRICTED TO I TEC MAJORS ONLY.
 4536005 A M 10:00-11:50
 W 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$25.00

MATERLS FOR TECHNOL TSM 443 3 CREDITS
 Prereq: A E 271 OR 272; PHYS 111
 6985005 A MW 1:10-2:00
 T 1:10-3:00
 MEETS: JAN 10-MAY 6
 6985010 B MW 1:10-2:00
 R 8:00-9:50
 MEETS: JAN 10-MAY 6

AUTOMATION SYSTEMS TSM 465 3 CREDITS
 Prereq: 363
 Note: COURSE RESTRICTED TO AST & I TEC MAJORS ONLY
 7973005 A TR 11:00-11:50
 T 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$10.00
 7973010 B TR 11:00-11:50
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$10.00
 7973015 C TR 11:00-11:50
 R 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$10.00

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

INDEP STUDY HONORS TSM 490H 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION. COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MANUFACTRG TSM 490I 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY BIOSYS MGT TSM 490J 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 ***** TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN SYS TSM 490M 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STU OCCUP SAFET TSM 4900 1- 4 CREDITS
 Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT AND APPROVAL BY DEPARTMENT
 Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP TSM 491 1- 2 CREDITS
 Prereq: AGRON 338, ADVANCE APPROVAL AND PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 Note: Instructor permission required.
 1723005 1 ARRANGED KNAPP A
 MEETS: JAN 10-MAY 6
 Cmptr reqmt: <http://www.agde.iastate.edu/support/comp.reqs.php>
 1723010 2 ARRANGED MULLEN R
 MEETS: JAN 10-MAY 6

WKSHP OCCUPA SAFETY TSM 493G 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE OFFERED FOR 1 CREDIT SPRING 2011
 1354005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

ADV DESIGN&MANUFACT TSM 540 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 4557005 MW 2:10-3:30
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$12.00

SPL TP ANIM ENV/AIR TSM 590A 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL TSM 590C 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPC ELECTR TSM 590E 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP IND MANUFAC TSM 590I 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MACHINE SYS TSM 590M 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

SPL TOP OCCUP SAFET TSM 5900 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TRAIN&DEV TSM 590Y 1- 4 CREDITS
 Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH COMM TSM 598 1 CREDIT
 Satisfactory-Fail Only.
 1911005 ARRANGED
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT TSM 599 1- 3 CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING PRACTICUM TSM 694 1- 3 CREDITS
 1919005 ARRANGED
 MEETS: JAN 10-MAY 6

TECHNOLGY INTERNSHP TSM 697 R CREDIT
 Prereq: PERMISSION OF MAJOR PROFESSOR AND APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION Satisfactory-Fail Only.
 4646005 ARRANGED
 MEETS: JAN 10-MAY 6

DOCTORAL TECH COMM TSM 698 1 CREDIT
 Satisfactory-Fail Only.
 1926005 ARRANGED
 MEETS: JAN 10-MAY 6

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

TEXTILES & CLOTHING

OVRRVIEW FASHION IND T C 131 3 CREDITS
 Prereq: 131
 8338005 1A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 Materials, field trips &/or travel fee \$0.00-\$50.00
 8338010 1B MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D, T C.
 Materials, field trips &/or travel fee \$0.00-\$50.00

DRESS&DIVRSTY SOCIE T C 165 3 CREDITS
 Note: Meets U.S. diversity reqmt
 6603005 1A TR 12:30-2:00 DAMHORST M
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 Materials fee \$5.00-\$15.00
 6603010 1B TR 12:30-2:00 DAMHORST M
 MEETS: JAN 10-MAY 6
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D, T C.
 Materials fee \$5.00-\$15.00

TEXTILE SCIENCE I T C 204 4 CREDITS
 Prereq: 3 CR IN T C
 Note: COURSE RESTRICTED TO AMDP, A M D, ARTID, FCEDS, T C MAJORS
 6604005 1 ARRANGED
 TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00-\$60.00
 6604010 2 ARRANGED
 TR 12:30-1:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$5.00-\$60.00

COMPUTR APP TEXTL&C T C 210 1 CREDIT
 Prereq: 111, 131; CREDIT OR ENROLLMENT IN 245
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS .
 5087005 1 T 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$35.00-\$75.00
 5087010 2 T 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$35.00-\$75.00
 5087015 3 R 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$35.00-\$75.00

APPARL ASSEMBL PROC T C 221 3 CREDITS
 Prereq: CREDIT OR ENROLLMENT IN 204
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6602005 1 M 9:00-9:50
 TR 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.
 Materials and professional support fee \$50.00-\$200.00
 6602010 2 M 9:00-9:50
 TR 1:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.
 Materials and professional support fee \$50.00-\$200.00

TEXTILES & CLOTHING (CONTINUED)

TEXTILES & CLOTHING (CONTINUED)

APPARL ASSEMBL PROC T C 221 3 CREDITS
 6602015 3 M 9:00-9:50
 TR 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.
 Materials and professional support fee
 \$50.00-\$200.00

PATTERNMAKING I T C 225 4 CREDITS
 Prereq: 131, 204, 221, PERMISSION OF INSTRUCTOR
 6607005 1 MWF 8:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Materials fee \$50.00-\$200.00

6607010 2 MWF 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Materials fee \$50.00-\$200.00

PRODUCT DEVELOP&MFG T C 231 4 CREDITS
 Prereq: 204
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6608005 1 MWF 11:00-11:50
 W 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$50.00

6608010 2 MWF 11:00-11:50
 W 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$50.00

6608015 3 MWF 11:00-11:50
 R 4:10-6:00PM
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$50.00

AESTHETC&BRAND IMAG T C 245 3 CREDITS
 Prereq: 131, 165; CREDIT OR ENROLLMENT IN 204
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6609005 1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$5.00-\$55.00

FASHION ILLUSTRATN T C 278 3 CREDITS
 Prereq: 131, 245 OR CONCURRENT ENROLLMENT,
 PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 Instructor permission required.
 6611005 1 MWF 12:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$30.00-\$200.00

6611010 2 MWF 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$30.00-\$200.00

BASC DSN CONCPNT RVW T C 301 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN 225, 278,
 PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 4420005 1 ARRANGED
 MEETS: MARCH 7-MAY 6
 Note: Materials and equipment use fee \$5.00-\$30.00

TEXTL&AP QUAL ASSUR T C 305 3 CREDITS
 Prereq: 231, ONE COURSE IN NATURAL SCIENCE;
 STAT 101, 226 OR 401
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6614005 1 MW 10:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$75.00-\$150.00

CPTR INTEGRAT DSIGN T C 321 3 CREDITS
 Prereq: 321, 325, 326; PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 6605005 MWF 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$30.00-\$200.00

PATTERNMAKING II T C 325 3 CREDITS
 Prereq: 301, PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7199005 1 MWF 12:10-2:00
 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$50.00-\$200.00

CREATV DSIGN PROCES T C 326 3 CREDITS
 Prereq: CREDIT OR ENR IN 325, INSTRUCTOR PERMISSN
 6619005 1 TR 10:00-12:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.
 Materials fee \$50.00-\$200.00

HIST 20TH C FASHION T C 356 3 CREDITS
 Prereq: 3 CR HIST OR ART H; T C 204 RECOMMENDED
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 4473005 1 TR 9:30-10:50
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$5.00-\$55.00

CULTUR PERSPC DRESS T C 362 3 CREDITS
 Prereq: 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
 Note: Meets international perspectives reqmt
 6622005 1A TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC 1A RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 Materials fee \$0.00-\$20.00

6622010 1B TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 Note: SEC 1B FOR MAJORS OTHER THAN AMDP, A M D, T C.
 Materials fee \$0.00-\$20.00

SOURCNG&GLOBAL ISSU T C 372 3 CREDITS
 Prereq: 231, AESHM 275. RECOMMEND ECON 101 OR 102
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 Meets international perspectives reqmt
 8133005 1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee \$0.00-\$50.00

MERCH PLAN& CONTROL T C 376 3 CREDITS
 Prereq: AESHM 275; ACCT 284
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6625005 1 MF 3:10-4:00
 W 3:10-5:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$0.00-\$75.00

6625010 2 MF 3:10-4:00
 R 2:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$0.00-\$75.00

FIELD STDY PRE-TRIP T C 380A R CREDIT
 Prereq: 9 CR IN T C, JR CLASSIF, MINIMUM 2.0 GPA,
 PERMISSION BY APPLICATION
 8183005 1 W 5:10-6:00PM
 MEETS: MARCH 7-MAY 6
 Note: Instructor permission required.
 Field trips & travel fee \$100.00-\$4,000.00

FIELD STUDY TRIP T C 380B 1- 2 CREDITS
 Prereq: 9 CR IN T C, JR CLASSIF, MINIMUM 2.0 GPA,
 PERMISSION BY APPLICATION
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INT'L FIELD TRIP T C 381B 1- 3 CREDITS
 Prereq: 9 CR IN T C, JUNIOR CLASSIFICATION,
 MINIMUM 2.0 GPA, PERMISSION BY APPLICATION
 8774005 1 TR 6:30-8:20PM
 MEETS: JAN 10-MAY 6
 Note: Field trips & travel fee \$1,000.00-\$4,500.00

COOPERATIVE EDUCATN T C 398 R CREDIT
 Prereq: PERMISSION OF DEPT CHAIR; JR CLASSIFICATN
 1002005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

APPARL PRODUCTN MGT T C 431 3 CREDITS
 Prereq: 231; T C 121 RECOMMENDED
 Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
 6618005 1 TR 1:10-3:30
 MEETS: JAN 10-MAY 6
 Note: Materials, field trips &/or travel fee
 \$50.00-\$200.00

TEXTILE IND EXPERN T C 470A 3- 6 CREDITS
 Prereq: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 305
 ***** SEE DEPT FOR REFERENCE NUMBERS

HIST TXTL&DRESS EXP T C 470B 3- 6 CREDITS
 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
 ***** SEE DEPT FOR REFERENCE NUMBERS

TX&APPARL DSIGN EXP T C 470C 3- 6 CREDITS
 Prereq: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 210,
 225, 231, 245; 278 RECOMMENDED
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXPERNC: ENTREPRENR T C 470E 3- 6 CREDITS
 Prereq: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIF; AESHM 275
 ***** SEE DEPT FOR REFERENCE NUMBERS

MERCHANDISING EXPER T C 470I 3- 6 CREDITS
 Prereq: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
 APPLICATION; JUNIOR OR SENIOR CLASSIF; AESHM 275
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

(CONTINUED)

SUPRV EXPERC MUSEUM T C 470M 3- 6 CREDITS
Prereq: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 257

SEE DEPT FOR REFERENCE NUMBERS

APPARL PROD MGT EXP T C 470N 3- 6 CREDITS
Prereq: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 431

SEE DEPT FOR REFERENCE NUMBERS

TECHNCL DESGN EXPER T C 470O 3- 6 CREDITS
Prereq: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 231,
225, 305, 415 AND 431 RECOMMENDED.

SEE DEPT FOR REFERENCE NUMBERS

SUPV EXP QUAL ASSUR T C 470Q 3- 6 CREDITS
Prereq: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 305

SEE DEPT FOR REFERENCE NUMBERS

PUBLIC RELAT EXPRNC T C 470T 3- 6 CREDITS
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

SEE DEPT FOR REFERENCE NUMBERS

EXPERNC:PRODUCT DEV T C 470U 3- 6 CREDITS
Prereq: 311 AND MINIMUM 2.0 GPA; PERMISSION BY
APPLICATION; JUNIOR OR SENIOR CLASSIFICATION; 231,
245

SEE DEPT FOR REFERENCE NUMBERS

RETAIL INFO ANALYSI T C 475 3 CREDITS
Prereq: 376
Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
4159005 1 MW 12:10-1:00
F 10:00-11:50
MEETS: JAN 10-MAY 6
Note: Materials fee \$0.00-\$50.00
4159010 2 MW 12:10-1:00
F 12:10-2:00
MEETS: JAN 10-MAY 6
Note: Materials fee \$0.00-\$50.00

IND STU TEXTILE SCI T C 490A VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

IND STU HIST TEXTIL T C 490B VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

IND STU TXTL&AP DSN T C 490C VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

IND STDY AESTHETICS T C 490D VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

IND ST COSTUME HIST T C 490E VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

IND STU SOC&PSY T C T C 490F VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

IND STU CONSMR BEHV T C 490G VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS T C 490H VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTR, ADVISER
AND DEPT CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS
ONLY.

SEE DEPT FOR REFERENCE NUMBERS

IND STDY MERCHANDSG T C 490I VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

(CONTINUED)

IND STU CULTR ANALY T C 490K VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

IND STU PRODCTN MGT T C 490N VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

IND STDY TECH DESGN T C 490O VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

IND STDY SMALL BUSI T C 490S VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

IND STDY P R&PUBLSH T C 490T VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY PROD DEV T C 490U VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOURC&GLBL T C 490V VAR. CREDITS
Prereq: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
ADVISER AND DEPARTMENT CHAIR
Note: Instructor permission required.

SEE DEPT FOR REFERENCE NUMBERS

SENIOR DSIGN STUDIO T C 495 3 CREDITS
Prereq: 301,321,325,326. INSTRUCTOR PERMISSION
3914005 1 TR 3:10-6:00PM
MEETS: JAN 10-MAY 6
Note: Instructor permission required.
Materials fee \$50.00-\$200.00

FASHN FORCAST&PRODC T C 496 3 CREDITS
Prereq: 231, 245, AESHM 275
Note: COURSE RESTRICTED TO AMDP, A M D, T C MAJORS ONLY
4507005 MWF 9:00-9:50
MEETS: JAN 10-MAY 6
Note: Materials, field trips &/or travel fee
\$50.00-\$100.00

COOPERATIVE EDUCATN T C 498 R CREDIT
Prereq: PERMISSION OF DEPT CHAIR; SR CLASSIFICATN
1003005 ARRANGED
MEETS: JAN 10-MAY 6
Note: Instructor permission required.

UNDERGRAD RESEARCH T C 499 1- 3 CREDITS
Prereq: SENIOR CLASSIFICATN, 15 CREDITS IN T C,
PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR

SEE DEPT FOR REFERENCE NUMBERS

HIST 20TH C FASHION T C 556 3 CREDITS
Prereq: GRADUATE STANDING
4521005 1 TR 9:30-10:50
MEETS: JAN 10-MAY 6
Note: Materials and equipment use fee \$5.00-\$55.00

PRACTCM T C TEACHNG T C 570A VAR. CREDITS
Prereq: 510, 6 GRAD CREDITS IN T C, PERMISSION
OF INSTRUCTOR
6660005 ARRANGED
MEETS: JAN 10-MAY 6
Note: Instructor permission required.
Materials fee \$0.00-\$15.00

INDU APPL MERCH&MGT T C 576X 3 CREDITS
Prereq: 275, 376 OR EQUIVALENT
9043005 1 MW 9:00-10:20
MEETS: JAN 10-MAY 6

INT'L STUDY TRIP T C 581B 1- 3 CREDITS
Prereq: 9 CR IN T C, PERMISSION BY APPLICATN
8776005 1 TR 6:30-8:20PM
MEETS: JAN 10-MAY 6
Note: Field trips & travel fee \$1,000.00-\$4,500.00

SPL TOP TEXTILE SCI T C 590A VAR. CREDITS
Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR

SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

(CONTINUED)

SPL TOP HIST TEXTIL T C 590B VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN T C 590C VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC AESTHETICS T C 590D VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST COSTUM T C 590E VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOC-PSY ASP T C 590F VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSMR BEHV T C 590G VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANDSNG T C 590I VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS MUSEUMS T C 590M VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRODUCN MGT T C 590N VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TECH DESGN T C 590O VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP T C 590P VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SMALL BUSIN T C 590S VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP P R &PUBLSH T C 590T VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRODUCT DEV T C 590U VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP GLB ISS&SRC T C 590V VAR. CREDITS
 Prereq: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLCTN DEVEL&PFLIO T C 595X 3 CREDITS
 Prereq: 325 OR EQUIVALENT, 278
 9050005 1 TR 3:10-6:00PM
 MEETS: JAN 10-MAY 6

SOC SCI THRY APPEAR T C 665 3 CREDITS
 Prereq: 467 OR 6 CREDITS IN SOC OR PSYCH
 6659005 1 MWF 2:10-3:00
 MEETS: JAN 10-MAY 6

ADVANCED TOPICS T C 690 VAR. CREDITS
 Prereq: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSN
 OF INSTRUCTOR, AND APPROVAL OF D.O.G.E.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH T C 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE

INTR PERFORMNG ARTS THTRE 106 3 CREDITS
 6729005 A MWF 2:10-3:00
 MEETS: JAN 10-MAY 6
 6729010 B MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

THEATRE AND SOCIETY THTRE 110 3 CREDITS
 1103005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

THE ACTOR'S VOICE THTRE 151 3 CREDITS
 Note: COURSE RESTRICTED TO PERF MAJORS ONLY
 6730005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

THEATRE

(CONTINUED)

CONCERT&THTRE DANCE THTRE 224 .5- 2 CREDITS
 Prereq: BY AUDITION ONLY
 Note: Instructor permission required 1st week.
 Satisfactory-Fail Only.
 6731005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 1 OFFERED FOR .5 CREDIT ONLY

6731010 2 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 2 OFFERED FOR 1 CREDIT ONLY

6731015 3 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 3 OFFERED FOR 2 CREDITS ONLY

THEATRE PRACTICUM THTRE 250 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 6732005 M 5:10-6:00PM
 ARRANGED
 MEETS: JAN 10-MAY 6

ACTING I THTRE 251 3 CREDITS
 6733005 A MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 6733010 B TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 6733015 C MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

INTR THEATRICAL PROD THTRE 255 4 CREDITS
 6734005 A MWF 1:10-2:00
 M 2:10-5:00
 MEETS: JAN 10-MAY 6
 6734010 B MWF 1:10-2:00
 W 2:10-5:00
 MEETS: JAN 10-MAY 6
 6734015 C MWF 1:10-2:00
 R 2:10-5:00
 MEETS: JAN 10-MAY 6
 6734020 D MWF 1:10-2:00
 F 2:10-5:00
 MEETS: JAN 10-MAY 6

SCRIPT ANALYSIS THTRE 263 3 CREDITS
 6763005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

SPECIAL PROJECTS THTRE 290 1- 3 CREDITS
 Prereq: 3 CREDITS IN THEATRE; PERMISSION OF
 INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ACTING II THTRE 351 3 CREDITS
 Prereq: 251, DANCE 120 RECOMMENDED
 6737010 2 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 6737015 3 MWF 12:10-1:00
 MEETS: JAN 10-MAY 6

MUSICAL THEATRE II THTRE 355 3 CREDITS
 Prereq: 354
 3132005 TR 2:10-3:30, ARRANGED
 MEETS: JAN 10-MAY 6

STAGECRAFT THTRE 360 4 CREDITS
 Prereq: 255
 6742005 TR 9:30-10:50
 ARRANGED
 MEETS: JAN 10-MAY 6

THEATRICAL DESIGN II THTRE 366 3 CREDITS
 Prereq: 365
 7920005 TR 11:00-12:20
 ARRANGED
 MEETS: JAN 10-MAY 6

DIRECTING II THTRE 456 3 CREDITS
 Prereq: 455
 1116005 MW 2:10-3:30
 MEETS: JAN 10-MAY 6

THEATRC DESIGN STD THTRE 461 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6743005 MWF 10:00-10:50
 F 11:00-11:50
 ARRANGED
 MEETS: JAN 10-MAY 6

HIST OF THEATRE II THTRE 466 3 CREDITS
 Prereq: 465
 Note: Available for nonmajor graduate credit
 6749010 2 TR 12:40-2:00
 MEETS: JAN 10-MAY 6

THEATRE

(CONTINUED)

ADV THTR PRACTICUM THTRE 469 1- 3 CREDITS
 Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATN
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CREDITS
 Prereq: 9 CREDITS IN THEATRE, APPROVED WRITTEN
 PROPOSAL, JUNIOR CLASSIFICATION
 Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1- 8 CREDITS
 Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED
 APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR
 OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL
 AND 3.00 IN THTRE COURSES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THTRE 590 1- 4 CREDITS
 Prereq: APPROVED WRITTEN PROPOSAL
 Note: Permission of department chair required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

TOXICOLOGY SEMINAR TOX 504 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 7126005 T 4:10-5:00
 MEETS: JAN 10-MAY 6

VETERNRY TOXICOLOGY TOX 526 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 9010005 MTR 11:00-11:50
 MEETS: JAN 10-MAY 6

CLIN &DIAGNOS TOXIC TOX 546 1- 3 CREDITS
 Prereq: DVM DEGREE OR 526
 1231005 ARRANGED
 MEETS: JAN 10-MAY 6

PESTICIDES IN ENVIR TOX 550 2 CREDITS
 Prereq: 9 CREDITS OF BIOLOGICAL SCIENCES
 9666005 TR 9:00-9:50 COATS J
 MEETS: JAN 10-MAY 6

GENERAL PHARMACOLGY TOX 554 3 CREDITS
 Prereq: B M S 549, 552; BBMB 404, 405
 4499005 MTF 1:10-2:00
 MEETS: JAN 10-MAY 6

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

ADV FOOD MICROBIOLG TOX 626 3 CREDITS
 Prereq: FS HN 420 OR 421 OR 504
 6776005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

GRAD RESEARCH ROTAT TOX 697 1-12 CREDITS
 Prereq: ADMISSION TO TOX GRADUATE PROGRAM
 8363005 ARRANGED
 MEETS: JAN 10-MAY 6

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

TRANSPORTATION

TRANSP RSRCH METHDS TRANS 555 3 CREDITS
 Prereq: C E 350 OR 355
 1956005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMINAR TRANSP PLAN TRANS 691 1- 3 CREDITS
 6786005 ARRANGED
 MEETS: JAN 10-MAY 6

RESEARCH TRANS 699 VAR. CREDITS
 6787005 ARRANGED
 MEETS: JAN 10-MAY 6

UNIVERSITY STUDIES

FRST-YR SEM I:CHAMP U ST 101D 1 CREDIT
 Satisfactory-Fail Only.
 9409005 1 M 8:00-8:50
 MEETS: JAN 10-MAY 6

9409010 2 T 8:00-8:50
 MEETS: JAN 10-MAY 6

CARVER FRESHMN SEMN U ST 106 1 CREDIT
 Prereq: ACCEPTANCE IN CARVER ACADEMY PROGRAM,
 GEORGE WASHINGTON CARVER SCHOLARSHIP RECIPIENT
 Note: Meets U.S. diversity reqmt
 Satisfactory-Fail Only.
 4173005 1 M 10:00-10:50
 MEETS: JAN 10-MAY 6

4173010 2 T 10:00-10:50
 MEETS: JAN 10-MAY 6

4173015 3 R 10:00-10:50
 MEETS: JAN 10-MAY 6

4173020 4 W 10:00-10:50
 MEETS: JAN 10-MAY 6

UNIVERSITY STUDIES

(CONTINUED)

MVP SEMINAR U ST 116 1 CREDIT
 Prereq: RECIPIENT OF THE MVP AWARD; 115 OR
 INSTRUCTOR CONSENT
 Satisfactory-Fail Only.
 8505005 1 M 11:00-11:50
 MEETS: JAN 10-MAY 6

8505010 2 T 11:00-11:50
 MEETS: JAN 10-MAY 6

8505015 3 W 11:00-11:50
 MEETS: JAN 10-MAY 6

8505020 4 R 11:00-11:50
 MEETS: JAN 10-MAY 6

8505025 5 W 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: SECT 5 FOR SCIENCE BOUND SCHOLARS ONLY

CARVER SEM:PEER MNT U ST 206 1 CREDIT
 Prereq: 106
 Note: Meets U.S. diversity reqmt
 Satisfactory-Fail Only.
 4184005 1 ARRANGED
 MEETS: JAN 10-MAY 6

4184010 2 ARRANGED
 MEETS: JAN 10-MAY 6

MCNAIR:LIT &METHDOL U ST 302 1 CREDIT
 Prereq: 301
 Satisfactory-Fail Only.
 6494005 1 M 6:10-8:00PM
 MEETS: JAN 10-MAY 6

CARVER:CMMUNTY LDERS U ST 306 1 CREDIT
 Prereq: INTENDED PRIMARILY FOR JUNIORS
 Satisfactory-Fail Only.
 4186005 1 ARRANGED
 MEETS: JAN 10-MAY 6

LEADERS SEMINR HIXS U ST 311A 1 CREDIT
 Prereq: 111, 115
 Satisfactory-Fail Only.
 7281005 1 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 1 FOR HIXSON SCHOLARS ONLY.

LEADERS SEMINAR MVP U ST 311B 1 CREDIT
 Prereq: 111, 115
 Satisfactory-Fail Only.
 8404005 1 M 4:10-5:00
 MEETS: JAN 10-MAY 6

MCNAIR:FINAL REPORT U ST 402 1 CREDIT
 Prereq: 401
 Satisfactory-Fail Only.
 6495005 1 T 6:10-8:00PM
 MEETS: JAN 10-MAY 6

CARVER SEMN:FELLOWS U ST 406 1 CREDIT
 Prereq: INTENDED PRIMARILY FOR SENIORS
 Satisfactory-Fail Only.
 4231005 1 ARRANGED
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY U ST 490 VAR. CREDITS
 Prereq: PERMISSION OF THE ASSOCIATE PROVOST
 Note: PERMISSION OF THE CHAIR OF THE INTERNATIONAL
 STUDIES COMMITTEE & ASSOCIATE PROVOST ARE REQUIRED.
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS U ST 590 VAR. CREDITS
 Prereq: PERMISSION OF GRADUATE COLLEGE
 Note: Department permission required.
 8502002 1 ARRANGED
 MEETS: JAN 10-MAY 6

8502004 2 ARRANGED
 MEETS: JAN 10-MAY 6

8502006 3 ARRANGED
 MEETS: JAN 10-MAY 6

8502008 4 ARRANGED
 MEETS: JAN 10-MAY 6

8502010 5 ARRANGED
 MEETS: JAN 10-MAY 6

VET DIAGNOSTIC & PRODUCTION AN MED

SPANISH FOR VETS VDPAM 308X 2 CREDITS
 Prereq: BASIC KNOWLEDGE OF SPANISH
 2482005 W 3:10-4:00, ARRANGED
 MEETS: JAN 10-MAY 6

INTR PROD INFRMTICS VDPAM 309 1 CREDIT
 8724005 M 12:10-1:00 HOLTkamp D
 MEETS: JAN 10-MAY 6

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

INTR PRODUCTION MED VDPAM 310 2 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED
 JUNIORS AND SENIORS
 8463005 W 1:10-3:00
 MEETS: JAN 10-MAY 6

VET IN SOCIETY II VDPAM 312 1 CREDIT
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 1665005 F 9:00-9:50

CLINICAL FNDATION I VDPAM 340 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 4872005 ARRANGED
 MEETS: JAN 10-MAY 6

BASC LVSTK NUTRI&FD VDPAM 350 1 CREDIT
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE
 8695005 T 12:10-1:00
 MEETS: JAN 10-MAY 6

BOVN EMBRYO TRNSFR VDPAM 351X 2 CREDITS
 Prereq: CLASSIFICATION AS SECOND OR THIRD YEAR
 VETERINARY STUDENT
 3337005 R 3:10-5:00, ARRANGED
 MEETS: JAN 10-MAY 6

ADV DAIRY INFORMTCS VDPAM 402 2 CREDITS
 Prereq: 309 OR PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 2547005 A ARRANGED
 MEETS: JAN 10-MAY 6

2547010 B ARRANGED
 MEETS: JAN 10-MAY 6

2547015 C ARRANGED
 MEETS: JAN 10-MAY 6

2547020 D ARRANGED
 MEETS: JAN 10-MAY 6

2547025 E ARRANGED
 MEETS: JAN 10-MAY 6

CLINCL DECISN MAKNG VDPAM 407 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5440005 ARRANGED
 MEETS: JAN 10-MAY 6

VET PRAC ENTREPRENR VDPAM 414 2 CREDITS
 7216005 TR 12:10-1:00
 MEETS: JAN 10-MAY 6

BOVIN REPROD EV LAB VDPAM 416 1 CREDIT
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED
 5110005 A M 1:10-5:00
 MEETS: JAN 10-MARCH 4

5110010 B W 1:10-5:00
 MEETS: JAN 10-MARCH 4

5110015 C F 1:10-5:00
 MEETS: JAN 10-MARCH 4

5110020 D M 1:10-5:00
 MEETS: MARCH 7-MAY 6

5110025 E W 1:10-5:00
 MEETS: MARCH 7-MAY 6

5110030 F F 1:10-5:00
 MEETS: MARCH 7-MAY 6

PRECPTSP V MED PRA VDPAM 420 1- 6 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 9072005 ARRANGED
 MEETS: JAN 10-MAY 6

VET TOXICOLOGY VDPAM 426 3 CREDITS
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED
 6860005 MTR 11:00-11:50
 MEETS: JAN 10-MAY 6

BEEF RECORDS ANALYS VDPAM 436 1- 2 CREDITS
 Prereq: 1ST, 2ND OR 3RD YEAR CLASSIF IN VET MED
 OR PERMISSION OF INSTRUCTOR
 4535005 ARRANGED
 MEETS: JAN 10-MAY 6

4535010 2 ARRANGED
 MEETS: JAN 10-MAY 6

DAIRY HERD PROBL ID VDPAM 437 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 6425005 ARRANGED
 MEETS: JAN 10-MAY 6

MASTITIS PROB INVSTG VDPAM 438 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 6861005 ARRANGED
 MEETS: JAN 10-MAY 6

COW&CALF PROB:NUTRI VDPAM 439 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATON IN VET MED
 6422005 ARRANGED
 MEETS: JAN 10-MAY 6

INTRO TO CLINICS VDPAM 440 R CREDIT
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED
 Note: Instructor permission required 1st week.
 6862005 ARRANGED

CLINICAL MEDICINE VDPAM 445 3 CREDITS
 Prereq: 3RD-YEAR CLASSIFICATION IN VET MED
 6865005 MWF 9:00-9:50
 MEETS: JAN 10-MAY 6

CLIN EMBRYO TRANSFR VDPAM 451 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4334005 MTWRF 8:00-5:00
 MEETS: JAN 10-MAY 6

DIAGNOS LAB PRACTCM VDPAM 455 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 6876005 ARRANGED

ADV STCKR/FDLOT MED VDPAM 464X 2 CREDITS
 Prereq: 310
 8920005 ARRANGED

FOOD ANIM FIELD SRV VDPAM 476 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 OR PERMISSION OF INSTRUCTOR
 8725005 MTWRF 8:00-5:00

FOOD ANIM MED &SURG VDPAM 477 VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process
 approved add slip in 2270A Vet Med.
 6909005 MTWRF'S 8:00-11:50
 MTWRF 2:10-5:00

APPL SWINE PROD MED VDPAM 479 1- 6 CREDITS
 Prereq: 310
 5454005 ARRANGED

SWINE PRODUCTN MED VDPAM 480 2 CREDITS
 Prereq: 310 OR PERMISSION OF INSTRUCTOR
 5572005 MTWRF'S 8:00-11:50
 MTWRF 2:10-5:00

ADV COW CALF PRD MD VDPAM 481X 2 CREDITS
 Prereq: TWO SEMESTERS OF VDPAM 436
 8918005 ARRANGED

APP BEEF MD WITH VT VDPAM 482A 1- 6 CREDITS
 Prereq: 310
 6598005 ARRANGED
 MEETS: JAN 10-MAY 6

APP MED BULL BREEDI VDPAM 482B 1- 6 CREDITS
 Prereq: 310
 6610005 ARRANGED
 MEETS: JAN 10-MAY 6

APPLIED MED CALVING VDPAM 482C 1- 6 CREDITS
 Prereq: 310
 6621005 ARRANGED
 MEETS: JAN 10-MAY 6

APP MD BF FEEDL MGT VDPAM 482D 1- 6 CREDITS
 Prereq: 310
 6629005 ARRANGED
 MEETS: JAN 10-MAY 6

APP BF MED WEAN MGT VDPAM 482E 1- 6 CREDITS
 Prereq: 310
 6653005 ARRANGED
 MEETS: JAN 10-MAY 6

APP BF MD PREG EXAM VDPAM 482F 1- 6 CREDITS
 Prereq: 310
 6694005 ARRANGED

APP MED BOVIN REPRO VDPAM 482G 1- 6 CREDITS
 Prereq: 310
 6697005 ARRANGED

APP MD BF FEEDL MGT VDPAM 482I 1- 6 CREDITS
 Prereq: 310
 7185005 ARRANGED

BEEF PRODUCTION MED VDPAM 483 2 CREDITS
 Prereq: 310
 5562005 MTWRF'S 8:00-11:50
 MTWRF 2:10-5:00

APP DAIRY PRODU MED VDPAM 485 1- 6 CREDITS
 Prereq: 484
 5431005 ARRANGED
 MEETS: JAN 10-MAY 6

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

VET DIAGNOSTIC & PRODUCTION AN MED (CONTINUED)

INTR SM RUM PROD MD VDPAM 486 1- 2 CREDITS
 Prereq: CLASSIFICATION IN VET MED
 Note: COURSE RESTRICTED TO JUNIORS AND SENIORS IN VET MED COLLEGE. SOPHOMORES REQUIRE PERMISSION OF INSTRUCTOR.
 4549005 ARRANGED
 MEETS: JAN 10-MAY 6

CLINIC MICROBIO LAB VDPAM 488 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6950005 MTWRF 8:30-11:20
 MEETS: JAN 10-MAY 6

ISSUES FOOD SAFETY VDPAM 489 1 CREDIT
 Prereq: CREDIT OR ENROLLMENT IN FS HN 101 OR 272 OR HRI 233; FS HN 419 OR 420; FS HN 403
 8351005 MW 3:10-4:00
 MEETS: MARCH 7-MAY 6

INDEPENDENT STUDY VDPAM 490 1- 5 CREDITS
 Prereq: PERMISSION OF DEPARTMENT CHAIR
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV RUMINANT NUTRIT VDPAM 491 3 CREDITS
 Prereq: 350 RECOMMENDED
 Note: Available for nonmajor graduate credit
 3991005 ARRANGED
 MEETS: JAN 10-MAY 6

ORIENTA INT'L EXPER VDPAM 492 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 6468005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV DAIRY PROD M II VDPAM 494 2 CREDITS
 Prereq: 484 OR PERMISSION OF INSTRUCTOR
 Note: Available for nonmajor graduate credit
 1372005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV SM RUMN PROD MD VDPAM 495X 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED, VDPAM 486 OR PERMISSION OF INSTRUCTOR
 8591005 ARRANGED
 MEETS: JAN 10-MAY 6

INT'L PRECEPTORSHIP VDPAM 496 1-12 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED SOPH AND ABOVE.
 7848005 ARRANGED
 MEETS: JAN 10-MAY 6

CLINCL DECISN MAKNG VDPAM 507 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 5439005 ARRANGED
 MEETS: JAN 10-MAY 6

VET PRAC ENTREPRENR VDPAM 514 2 CREDITS
 Prereq: GRADUATE VETERINARIAN
 8890005 TR 12:10-1:00
 MEETS: JAN 10-MAY 6

PRIN OF EPIDEMIOLOGY VDPAM 522 3 CREDITS
 Prereq: MICRO 310 OR EQUIVALENT
 6895005 MF 2:10-3:30
 MEETS: JAN 10-MAY 6

VETERNRY TOXICOLOGY VDPAM 526 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6897005 MTR 11:00-11:50
 MEETS: JAN 10-MAY 6

INTRO DNA TECHNIQS VDPAM 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7389005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 11-FEB 10

INTR PROTEIN TECHNQ VDPAM 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7391005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 15-MARCH 24

INTRO CELL TECHNIQS VDPAM 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7400005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 29-APRIL 28

INTR PLNT TRNSFM TO VDPAM 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 Satisfactory-Fail Only.
 7409005 ARRANGED
 MEETS: JAN 10-MAY 6

INTR METABLMCS TCNQ VDPAM 542F 1 CREDIT
 Satisfactory-Fail Only.
 6805005 1 M 1:10-2:00
 M 2:10-4:00
 MEETS: FEB 7-APRIL 18

INTRO GENOMIC TECNQ VDPAM 542G 1 CREDIT
 Satisfactory-Fail Only.
 7867005 MW 1:10-2:00
 MW 2:10-4:00
 MEETS: MARCH 2-30

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS
 Prereq: DVM DEGREE OR 526
 7676005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV VET DIAGNOS LAB VDPAM 551 1- 3 CREDITS
 Prereq: 455
 4233005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV COW CALF PRD MD VDPAM 581X 2 CREDITS
 Prereq: TWO SEMESTERS OF VDPAM 436
 8919005 ARRANGED
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS VDPAM 590 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INT'L PRECEPTORSHIP VDPAM 596 1-12 CREDITS
 Prereq: ADMISSION TO GRADUATE COLLEGE
 7868005 ARRANGED
 MEETS: JAN 10-MAY 6

CREATIVE COMPONENT VDPAM 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SWINE PROD MED VDPAM 655 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6946005 ARRANGED
 MEETS: JAN 10-MAY 6

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

VETERINARY CLINICAL SCIENCES

SHELTER MEDICINE V C S 305 1 CREDIT
 Prereq: FIRST YEAR CLASSIFICATION IN VETERINARY MEDICINE OR WITH PERMISSION OF INSTRUCTOR
 6948005 R 12:10-1:00

VET IN SOCIETY II V C S 312 1 CREDIT
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 6024005 F 9:00-9:50

VET IN SOCIETY V V C S 315 1 CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
 7785005 1 RF 8:00-5:00
 MEETS: JAN 6-7

SEMINAR V C S 385 R CREDIT
 Prereq: CLASSIFICATION IN VETERINARY MEDICINE
 Satisfactory-Fail Only.
 7446005 F 8:00-8:50

SURGERY PRINCIP LAB V C S 394 1 CREDIT
 Prereq: 2ND YR CLASSIFICATION IN VET MED
 3831005 1 W 1:10-3:00
 3831010 2 W 3:10-5:00

SMALL ANIML SURGERY V C S 395 2 CREDITS
 Prereq: 394
 3873005 TR 8:00-8:50

EQUINE SURGERY V C S 396 2 CREDITS
 Prereq: 394
 3899005 ARRANGED

ANESTHESIOLOGY V C S 398 1 CREDIT
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 3472005 M 8:00-9:50
 F 9:00-9:50

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

OPHTHALMOLOGY V C S 399 1 CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN VET MED
 3476005 F 11:00-11:50

PET BIRD&EXOTC SPEC V C S 405 2 CREDITS
 Prereq: SECOND-, THIRD-, OR FOURTH-YEAR CLASS. IN VETERINARY MEDICINE
 Note: COURSE RESTRICTED TO COLLEGE OF VET MED SOPH, JR AND SR
 6874005 1 R 3:10-5:00
 S 8:00-11:30
 S 12:30-2:30
 MEETS: JAN 27-FEB 26
 6874010 2 R 3:10-5:00
 S 8:00-11:30
 S 2:40-4:20
 MEETS: JAN 27-FEB 26

SML ANIMAL ONCOLOGY V C S 409X 2 CREDITS
 9213005 MTWRF 8:00-5:00

COMPANION AN NUTRI V C S 414 1 CREDIT
 Prereq: THIRD OR FOURTH-YR CLASSIFICATN IN V MED
 7777005 ARRANGED
 MEETS: JAN 10-MARCH 4

PRECEPTOR COMPAN/EQ V C S 419 2- 6 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, PERMISSION OF DEPARTMENT CHAIR
 1664005 ARRANGED
 Note: Permission of instructor required. Process Approved add slip in 2270A Vet Med.

INTRO TO CLINICS V C S 440 R CREDIT
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 Note: MUST BE CONCURRENTLY ENROLLED IN SAME SECTION LETTER OF V C S 447, 449
 Instructor permission required 1st week.
 6880005 ARRANGED

CANINE REHABILITATN V C S 441X VAR. CREDITS
 Prereq: ENROLLMENT IN VET PROFESSIONL CURRICULUM, PROOF OF RABIES PROPHYLAXIS & PROTECTIVE TITER
 9232005 MTWRF 8:00-5:00

EQUINE LAMENESS V C S 443 2 CREDITS
 Prereq: 2ND OR 3RD YR CLASSIFICATION IN VET MED
 6882005 TR 1:10-3:00, ARRANGED
 MEETS: JAN 10-MARCH 4

CLINICAL NEUROLOGY V C S 446 2 CREDITS
 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED
 5112005 MTWRF 8:00-5:00

DIAGNO IMAG&RADIOBI V C S 448 3 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 6886005 TR 10:00-10:50
 T 1:10-3:00
 6886010 2 TR 10:00-10:50
 T 3:10-5:00

ADV SURG NEU H SOCI V C S 451A 2 CREDITS
 Prereq: 449
 5369005 A W 11:00-11:50
 M 1:10-5:00
 MEETS: MARCH 7-MAY 6
 Note: Materials and equipment use fee \$150.00

ADV TRADIT SURG LAB V C S 451B 2 CREDITS
 Prereq: 449
 7005005 A W 11:00-11:50
 M 1:10-5:00
 MEETS: JAN 10-MARCH 4
 7005010 B W 11:00-11:50
 F 1:10-5:00
 MEETS: JAN 10-MARCH 4
 7005015 C W 11:00-11:50
 M 1:10-5:00
 MEETS: MARCH 7-MAY 6

CLINICL DERMATOLOGY V C S 452 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 SMALL ANIMAL OPTION
 1931005 MTWRF 8:00-5:00

SMALL ANIMAL MED I V C S 453 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6889005 MTWRF 8:00-5:00

SMALL ANIMAL MED II V C S 454 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6890005 MTWRF 8:00-5:00

SM AN SOFT TISS SUR V C S 455 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6891005 MTWRF 8:00-5:00

SM AN ORTHOPED SURG V C S 456 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6892005 MTWRF 8:00-5:00

EQUINE MEDICINE V C S 457 2- 4 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6893005 MTWRF 8:00-11:50
 MTWRF 2:10-5:00

EQUINE SURGERY V C S 458 2- 4 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6894005 MTWRF 8:00-11:50
 MTWRF 2:10-5:00

SM AN OVERPOP OMAHA V C S 459A 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4050005 MTWRF 8:00-5:00
 Note: OMAHA
 Field trips & travel fee \$200.00

SM AN OVERPOP D.M. V C S 459B 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4107005 MTWRF 8:00-5:00
 Note: DES MOINES
 Field trips & travel fee \$200.00

SM AN OVERPOP K.C. V C S 459C 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4313005 ARRANGED
 Note: KANSAS CITY
 Field trips & travel fee \$200.00

RADIOLOGY V C S 460 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6896005 MTWRF 8:00-5:00

ADV SM AN INTRNL MD V C S 461X 1 CREDIT
 Prereq: 444
 2491005 T 5:10-6:00PM

COMMUNITY PRACTICE V C S 463 2 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN VET MED
 2322005 MTWRF 8:00-5:00

EQUINE FIELD SERVIC V C S 464 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 4247005 MTWRF 8:00-5:00

FARRIER V C S 465 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, 457, 458
 7756005 MTWRF 8:00-5:00

VET ANESTHESIOLOGY V C S 466 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6898005 MTWRF 8:00-5:00

PAIN MANAGEMENT V C S 467X 1 CREDIT
 Prereq: 398, 466
 9309005 ARRANGED
 MEETS: JAN 10-MAY 6

INTENSIVE CARE V C S 468 4 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6900005 ARRANGED

OPHTHALMOLOGY V C S 469 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6901005 MTWRF 8:00-5:00

RADIOLOGY V C S 470 VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, 460 RECOMMENDED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE REPRODUCTION V C S 471E VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM REPRODUCTN V C S 471S VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SMALL ANIMAL MED V C S 472 VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES (CONTINUED)

VETERINARY CLINICAL SCIENCES (CONTINUED)

SML ANIM SURG ORTHO V C S 4730 1 CREDIT
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML AN SURG SOF TIS V C S 473S 1 CREDIT
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE MEDICINE V C S 474M VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE SURGERY V C S 474S VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: COURSE OFFERED FOR 1-2 CREDITS SPRING 2011
 Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CARDIOLOGY ROTATION V C S 475X 1- 5 CREDITS
 Prereq: 4TH YEAR V M CLASSIFICATION
 9414005 ARRANGED
 MEETS: JAN 10-MAY 6

VET ANESTHESIOLOGY V C S 476 1- 3 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE CARE V C S 478 VAR. CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPHTHALMOLOGY V C S 479 2 CREDITS
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED, VCS 469
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SM AN ORTHO SUR V C S 4830 2 CREDITS
 Prereq: VM4 CLASSIFICATION AND V C S 473
 Note: COURSE RESTRICTED TO VET MED SENIORS
 2972005 ARRANGED

ADV SM AN SOFT SURG V C S 483S 2 CREDITS
 Prereq: VM4 CLASSIFICATION AND V C S 473
 Note: COURSE RESTRICTED TO VET MED SENIORS
 3076005 ARRANGED

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

INDEP STUDY HONORS V C S 490H 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR MEMBERSHIP IN UNIV HONORS PROGRAM
 Note: COURSE RESTRICTED TO UNIVERSITY HONORS STUDENTS ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ORIENTN INT'L EXPER V C S 492 1 CREDIT
 Prereq: CLASSIFICATION IN VET MED
 6148005 ARRANGED

SEMINAR V C S 495 R CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 Satisfactory-Fail Only.
 6914005 F 8:00-8:50

INT'L PRECEPTORSHIP V C S 496 1-12 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN VET MED
 6094005 ARRANGED

SPL TOPICS MEDICINE V C S 590A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY V C S 590B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP THERIOGENOL V C S 590C 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC RADIOLOGY V C S 590D 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOG V C S 590E 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CREDITS
 Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
 6920005 ARRANGED
 MEETS: JAN 10-MAY 6

SEMINAR V C S 604 1 CREDIT
 6921005 ARRANGED

ADV SPECIAL SURGERY V C S 672 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 6926005 ARRANGED

RESEARCH MEDICINE V C S 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY V C S 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH THERIOGENOLGY V C S 699C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLOGY V C S 699E VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MICROBIOLOGY & PREV MED

CASE STUDY IV V MPM 378 2 CREDITS
 Prereq: 2ND-YEAR CLASSIFICATION IN VET MED
 6744005 MR 1:10-2:00
 MEETS: JAN 10-MAY 6

VETERINARY IMMUNOLGY V MPM 380 2 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN V MED
 6941010 WF 11:00-11:50
 MEETS: JAN 10-MAY 6

VETERINARY VIROLOGY V MPM 387 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6943010 1 TWR 10:00-10:50
 MEETS: JAN 10-MAY 6

PUBLIC HEALTH&VT PRO V MPM 388 3 CREDITS
 Prereq: SECOND-YEAR CLASSIFICATION IN V MED
 6944005 1 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6
 6944010 2 MWF 11:00-11:50
 MEETS: JAN 10-MAY 6

TOPICS VET HISTORY V MPM 390 1 CREDIT
 7244005 1 MW 12:10-1:00
 MEETS: MARCH 7-MAY 6

DIS CAPTV WILD ANML V MPM 409 1 CREDIT
 Prereq: SECOND YEAR CLASSIFICATION IN VET MED
 Note: COURSE RESTRICTED VM NE MAJORS ONLY.
 8783005 1 T 5:10-7:00PM
 MEETS: JAN 10-MAY 6

INFEC DIS&PREVN MED V MPM 437 3 CREDITS
 Prereq: THIRD-YEAR CLASSIFICATION IN V MED
 6949005 1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 6949010 2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6

PUBLIC HEALTH LAB V MPM 486 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 6951005 MTWRF 2:10-5:00

INDEPENDENT STUDY V MPM 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ZOO PRECEPTORSHIP V MPM 494 1- 8 CREDITS
 Prereq: FOURTH YEAR CLASSIFICATION IN V MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRIN OF EPIDEMIOLOGY V MPM 522 3 CREDITS
 Prereq: MICRO 310 OR EQUIVALENT
 6957005 MF 2:10-3:30
 MEETS: JAN 10-MAY 6

VETERINARY MICROBIOLOGY & PREV MED (CONTINUED)

VETERINARY MICROBIOLOGY & PREV MED (CONTINUED)

ZOONOSES V MPM 536 3 CREDITS
 Prereq: V MPM 386, 387 AND 388 OR EQUIVALENT OR PERMISSION OF INSTRUCTOR
 5588005 ARRANGED
 MEETS: JAN 10-MAY 6

INTRO DNA TECHNIQS V MPM 542A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 4278005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: JAN 11-FEB 10

INTR PROTEIN TECHNQ V MPM 542B 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 4372005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: FEB 15-MARCH 24

INTRO CELL TECHNIQS V MPM 542C 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 4280005 TR 1:10-2:00
 TR 2:10-4:00
 MEETS: MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ V MPM 542D 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION Satisfactory-Fail Only.
 4337005 ARRANGED
 MEETS: JAN 10-MAY 6

INTR METABLMCS TCNQ V MPM 542F 1 CREDIT
 Satisfactory-Fail Only.
 6464005 1 M 1:10-2:00 PERERA M
 M 2:10-4:00 PERERA M
 MEETS: FEB 7-APRIL 18

INTRO GENOMIC TECNQ V MPM 542G 1 CREDIT
 Satisfactory-Fail Only.
 7959005 MW 1:10-2:00
 MW 2:10-4:00
 MEETS: MARCH 2-30

PRO PRACTC RESEARCH V MPM 565A 1 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 4764005 1 T 11:00-11:50
 MEETS: JAN 10-MAY 6
 4764010 2 W 11:00-11:50
 MEETS: JAN 10-MAY 6

PRO PRAC INTEL PROP V MPM 565B .5 CREDIT
 Prereq: GRADUATE CLASSIFICATION
 4766005 ARRANGED
 MEETS: JAN 10-MAY 6

IMMUNOLOGY V MPM 575 3 CREDITS
 Prereq: 310
 Note: CREDIT FOR EITHER V MPM 520 OR MICRO/V MPM 575, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5606005 MWF 8:00-8:50
 MEETS: JAN 10-MAY 6

ANIMAL VIROLOGY V MPM 587 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7951005 ARRANGED
 MEETS: JAN 10-MAY 6

ANIMAL VIROLOGY LAB V MPM 587L 1 CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7950005 ARRANGED
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS V MPM 590 1- 5 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V MPM 599 VAR. CREDITS
 Prereq: NONTHESIS M.S. OPTION ONLY
 7307005 ARRANGED
 MEETS: JAN 10-MAY 6
 7307115 ET ARRANGED
 MEETS: JAN 10-MAY 6

MECHNSM BACT PATHOG V MPM 625 4 CREDITS
 Prereq: CR IN BIOCHEMISTRY AND MICROBIOLOGY
 6963005 ARRANGED
 MEETS: JAN 10-MAY 6

ADV TOPC CELL IMUNL V MPM 629 2 CREDITS
 Prereq: 520, 575
 6965005 ARRANGED
 MEETS: JAN 10-MAY 6

PTHGN PERSIST INFEC V MPM 660 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 4256005 ARRANGED
 MEETS: JAN 10-MAY 6 JONES D

CURR TOPICS IMMUNOL V MPM 690A 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR TOP INFECT DIS V MPM 690B 1- 3 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMN MOLEC,C,DV BIO V MPM 698 1- 2 CREDITS
 Note: COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2011.
 7082005 M 3:10-5:00
 MEETS: JAN 10-MAY 6

RESEARCH V MPM 699 VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY

ANATOMC PATHOLOGY I V PTH 342 3 CREDITS
 Prereq: FIRST-YEAR CLASSIFICATION IN VET MED
 Note: COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
 7445005 1 M 1:10-2:00 MYERS R
 F 8:00-8:50 MYERS R
 W 1:10-3:00 MYERS R
 MEETS: JAN 10-MAY 6

7445010 2 M 1:10-2:00 MYERS R
 F 8:00-8:50 MYERS R
 W 3:10-5:00 MYERS R
 MEETS: JAN 10-MAY 6

INTRO PARASITOLOGY V PTH 353 4 CREDITS
 Prereq: BIOL 212
 9209005 TR 9:30-10:50 OSTOJIC J
 T 3:10-6:00PM OSTOJIC J
 MEETS: JAN 10-MAY 6
 Note: Materials fee \$40.00

INTR VET CYTOL&TCNQ V PTH 409 1 CREDIT
 Prereq: 3RD YEAR CLASSIFICATION IN V MED
 Note: COURSE RESTRICTED TO VET MED JUNIORS ONLY.
 8991005 1 T 1:10-3:00 HOSTETTER S
 MEETS: JAN 10-MAY 6
 8991010 2 T 3:10-5:00 HOSTETTER S
 MEETS: JAN 10-MAY 6

LLAMA MEDICINE V PTH 410 1 CREDIT
 Prereq: 2ND OR 3RD YEAR CLASSIFICATION IN V MED
 4362005 T 5:30-7:30PM JARVINEN J
 MEETS: JAN 10-MARCH 4

CLINICAL PATHOLOGY V PTH 425 4 CREDITS
 Prereq: 372
 7004005 MF 10:00-10:50 BENDER H
 TWR 10:00-10:50 BENDER H
 R 11:00-11:50 BENDER H
 MEETS: JAN 10-MAY 6

NECROPSY LAB PRACT V PTH 456 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 7007005 MTWRF 1:10-5:00 FALES-WILLIAMS A
 S 10:00-11:50 FALES-WILLIAMS A

CLIN PATH LAB PRACT V PTH 457 1 CREDIT
 Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
 7008005 MTWRF 8:00-11:50 FLAHERTY H

INDEPENDENT STUDY V PTH 490 VAR. CREDITS
 Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR
 Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANATOMC PATHOLOGY I V PTH 542 3 CREDITS
 Prereq: GRAD CLASSIFICATN & BIOL 352 OR EQUIV FOR GRAD CREDIT, PERMISSION OF INSTRUCTOR
 Note: COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 7015005 1 M 1:10-2:00 MYERS R
 F 8:00-8:50 MYERS R
 W 1:10-3:00 MYERS R
 MEETS: JAN 10-MAY 6

7015010 2 M 1:10-2:00 MYERS R
 F 8:00-8:50 MYERS R
 W 3:10-5:00 MYERS R
 MEETS: JAN 10-MAY 6

DIAGN PARASITOL LAB V PTH 548 1- 3 CREDITS
 Prereq: 376 OR 576
 9668005 ARRANGED
 MEETS: JAN 10-MAY 6 JARVINEN J

VETERINARY PATHOLOGY (CONTINUED)

VETERINARY PATHOLOGY (CONTINUED)

CLIN PATHOLOGY LAB V PTH 549 1 CREDIT
 Prereq: 457, PERMISSION OF INSTRUCTOR
 Satisfactory-Fail Only.
 7037005 ARRANGED ANDREASEN C
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required.

SURGICAL PATHOL LAB V PTH 550 1- 3 CREDITS
 Prereq: 570 OR 571, PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7479005 ARRANGED HAYNES J
 MEETS: JAN 10-MAY 6

POSTMORT PATHOL LAB V PTH 551 1- 3 CREDITS
 Prereq: 542, PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7038005 MTWRF 1:10-5:00 FALES-WILLIAMS A
 S 10:00-11:50 FALES-WILLIAMS A
 MEETS: JAN 10-MAY 6

SPL TOPC VET PATHOL V PTH 590A 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 590B 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET TOXICOL V PTH 590C 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP VET CLIN PTH V PTH 590D 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS V PTH 590E 1- 4 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PATHOL V PTH 599A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASI V PTH 599B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET TOXICO V PTH 599C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP V CLIN PTH V PTH 599D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PATHOL CASE SEMINAR V PTH 604 1- 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 Satisfactory-Fail Only.
 7027005 R 12:10-1:00
 MEETS: JAN 10-MAY 6

CURR TOPICS SEMINAR V PTH 605 1 CREDIT
 ***** SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7029005 ARRANGED ACKERMANN M
 MEETS: JAN 10-MAY 6

DIAG INTERP V PARAS V PTH 606B R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 7030005 ARRANGED JARVINEN J
 MEETS: JAN 10-MAY 6

DIAG INTERP VET TOX V PTH 606C R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 5787005 ARRANGED OSWEILER G
 MEETS: JAN 10-MAY 6

DIAG INTERP CLINPTH V PTH 606D R CREDIT
 Prereq: PERMISSION OF INSTRUCTOR
 Note: Instructor permission required.
 9694005 ARRANGED ANDREASEN C
 MEETS: JAN 10-MAY 6

CELL&MOLEC PATHOL I V PTH 655 3 CREDITS
 Prereq: GRAD COURSE IN BIOCHEM, GENETICS OR
 CELL BIOLOGY
 7040005 T 9:00-10:50 ACKERMANN M
 R 9:00-9:50 ACKERMANN M
 MEETS: JAN 10-MAY 6

PTHGN PERSIST INFEC V PTH 660 2 CREDITS
 Prereq: PERMISSION OF INSTRUCTOR
 7044005 ARRANGED JONES D
 MEETS: JAN 10-MAY 6

VET PATHOLOGY RSRCH V PTH 699A VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLGY RES V PTH 699B VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET TOXICOLGY RSRCH V PTH 699C VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOMEN'S STUDIES

GENDER JUSTICE W S 160 1 CREDIT
 Note: CROSS-LISTED WITH U ST 160. SEE U ST FOR COURSE DESCRIPTION.
 Meets U.S. diversity reqmt
 Satisfactory-Fail Only.
 2484005 1 M 9:00-10:50 TESHOME Y
 MEETS: MARCH 7-MAY 6

2484010 2 T 2:10-4:00 TESHOME Y
 MEETS: MARCH 7-MAY 6

2484015 3 F 10:00-11:50 TESHOME Y
 MEETS: MARCH 7-MAY 6

2484020 4 W 2:10-4:00 TESHOME Y
 MEETS: MARCH 7-MAY 6

2484025 5 R 2:10-4:00 TESHOME Y
 MEETS: MARCH 7-MAY 6

INTRO WOMEN'S STUDI W S 201 3 CREDITS
 Meets U.S. diversity reqmt
 7058005 A M 2:10-3:00
 WF 2:10-3:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

7058010 B M 2:10-3:00
 WF 9:00-9:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

7058015 C M 2:10-3:00
 WF 10:00-10:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

7058020 D M 2:10-3:00
 WF 11:00-11:50
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

7058025 E M 2:10-3:00
 WF 12:10-1:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

7058030 F M 2:10-3:00
 WF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

7058035 G M 2:10-3:00
 WF 3:10-4:00
 MEETS: JAN 10-MAY 6
 Note: Instructor permission required 1st week.

7058605 XV ARRANGED HETZEL L
 MEETS: MARCH 7-MAY 6
 Note: Section XV is off campus
 Course delivery is WWW
 Delivery fee \$150.00

7058600 XW ARRANGED HETZEL L
 MEETS: JAN 10-MARCH 4
 Note: Section XW is off campus
 Course delivery is WWW
 Delivery fee \$150.00

LDRSHP DIVERSE SOCI W S 222 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 8177005 TR 2:10-3:30
 MEETS: JAN 10-MAY 6

WOMEN & GENDER INT'L W S 301 3 CREDITS
 Prereq: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
 Note: Meets international perspectives reqmt
 Available for nonmajor graduate credit
 7060005 TR 11:00-12:20 MOUTSATSOS C
 MEETS: JAN 10-MAY 6

WOMEN AND WORK W S 310X 3 CREDITS
 Prereq: 201
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 9008005 TR 9:30-10:50
 MEETS: JAN 10-MAY 6

WOMEN'S STUDIES

(CONTINUED)

ECON OF DISCRIMINAT W S 321 3 CREDITS
 Prereq: ECON 101
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 7070005 1 MWF 1:10-2:00 ORAZEM P
 MEETS: JAN 10-MAY 6

GENDER & COMMUNICTN W S 323 3 CREDITS
 Prereq: SP CM 212
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 3533005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6
 3533010 B TR 2:10-3:30
 MEETS: JAN 10-MAY 6

GNDR&SXLTY IN MEDIA W S 325X 3 CREDITS
 Prereq: SOPHOMORE CLASSIFICATION
 Note: Meets U.S. diversity reqmt
 9147005 TR 2:10-3:30 GESKE J
 MEETS: JAN 10-MAY 6

SEX&GENDER IN SOCIE W S 327 3 CREDITS
 Prereq: SOC 130 OR 134
 Note: SEC A1,B1 RESTRICTED TO SOC, P S A, W S.
 SEC A2,B2 FOR MAJORS OTHER THAN SOC, P S A, W S.
 Meets U.S. diversity reqmt
 7061005 A1 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 7061010 A2 MWF 10:00-10:50
 MEETS: JAN 10-MAY 6
 7061015 B1 T 4:10-7:00PM
 MEETS: JAN 10-MAY 6
 7061020 B2 T 4:10-7:00PM
 MEETS: JAN 10-MAY 6

WOMEN & LIT TOPICS W S 345 3 CREDITS
 Prereq: ENGL 250 OR ENGL 105
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 7063005 A1 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
 7063010 A2 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

PSYCHOLOGY OF WOMEN W S 346 3 CREDITS
 Prereq: 2 COURSES IN PSYCH INCLUDING PSYCH 101
 Note: Meets U.S. diversity reqmt
 7064005 A1 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 10-MAY 6
 Note: SEC A1 RESTRICTED TO PSYCH MAJORS ONLY
 7064010 A2 TR 12:40-2:00 SCHEEL K
 MEETS: JAN 10-MAY 6
 Note: SEC A2 FOR MAJORS OTHER THAN PSYCH

AFRICAN AMERI WOMEN W S 350 3 CREDITS
 Prereq: 3 CREDITS IN W S OR AF AM
 Note: Meets U.S. diversity reqmt
 Available for nonmajor graduate credit
 Instructor permission required 1st week.
 2569005 M 3:30-6:20PM SAWYER M
 MEETS: JAN 10-MAY 6

WMN ANC ROMAN WORLD W S 374B 3 CREDITS
 Prereq: ANY ONE COURSE IN CL ST, W S, LATIN, OR
 GREEK
 Note: Meets international perspectives reqmt
 2378005 MWF 1:10-2:00
 MEETS: JAN 10-MAY 6
 Note: Materials and equipment use fee \$25.00

INTRSECT RACE,CLASS W S 425 3 CREDITS
 Prereq: 201 AND ONE ADDITIONAL W S COURSE
 7073005 MW 4:10-5:30 JONES-JOHNSON G
 MEETS: JAN 10-MAY 6

SEMNR GENDER& ETHNC W S 460 3 CREDITS
 Prereq: COMPLETION OF 9 CR OF SURVEYS; COMPLETION
 OF OR CONCURRENT ENROLLMENT IN 339; JR CLASSIFICATION
 Note: Available for nonmajor graduate credit
 7879005 A TR 11:00-12:20
 MEETS: JAN 10-MAY 6

INDEPENDENT STUDY W S 490 1- 3 CREDITS
 Prereq: ANY TWO COURSES IN W S, PERMISSION OF
 INSTRUCTOR, CONSULTATION WITH W S PROGRAM DIRECTOR
 Note: NO MORE THAN 6 CREDITS OF W S 490 MAY BE
 APPLIED TOWARD REQUIREMENTS FOR THE W S MAJOR
 Department permission required.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR INTERNSHIP W S 491 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 4097005 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: Department permission required.

WOMEN'S STUDIES

(CONTINUED)

SENIOR THESIS W S 499 3 CREDITS
 Prereq: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRSECT RACE,CLASS W S 525 3 CREDITS
 Prereq: 201 AND ONE ADDITIONAL W S COURSE
 7076005 MW 4:10-5:30
 MEETS: JAN 10-MAY 6

SPECIAL TOPICS W S 590 VAR. CREDITS
 Prereq: PERMISN OF WOMEN'S STUDIES PROG DIRECTOR
 Note: Department permission required 1st week.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORLD LANGUAGES AND CULTURES

STDT TCH WORLD LANG WLC 417G VAR. CREDITS
 Prereq: ADMISSION TO TEACHER EDUCATION, APPROVAL
 OF COORDINATOR DURING SEMESTER BEFORE STUDENT
 TEACHING
 Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
 ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
 8139005 1 ARRANGED
 MEETS: JAN 10-APRIL 22
 Note: SEC 1 OFFERED FOR 14 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00
 8139010 2 ARRANGED
 MEETS: JAN 24-MAY 6
 Note: SEC 2 OFFERED FOR 12 CREDITS
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00
 8139015 3 ARRANGED
 MEETS: JAN 10-MAY 6
 Note: SEC 3 OFFERED FOR 8 CREDITS.
 Instructor permission required.
 Professional support, field trips &/or
 travel fee \$20.50-\$328.00

LANGUAGE IN MOTION WLC 491 1 CREDIT
 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
 Satisfactory-Fail Only.
 7493005 ARRANGED
 MEETS: JAN 10-MARCH 4